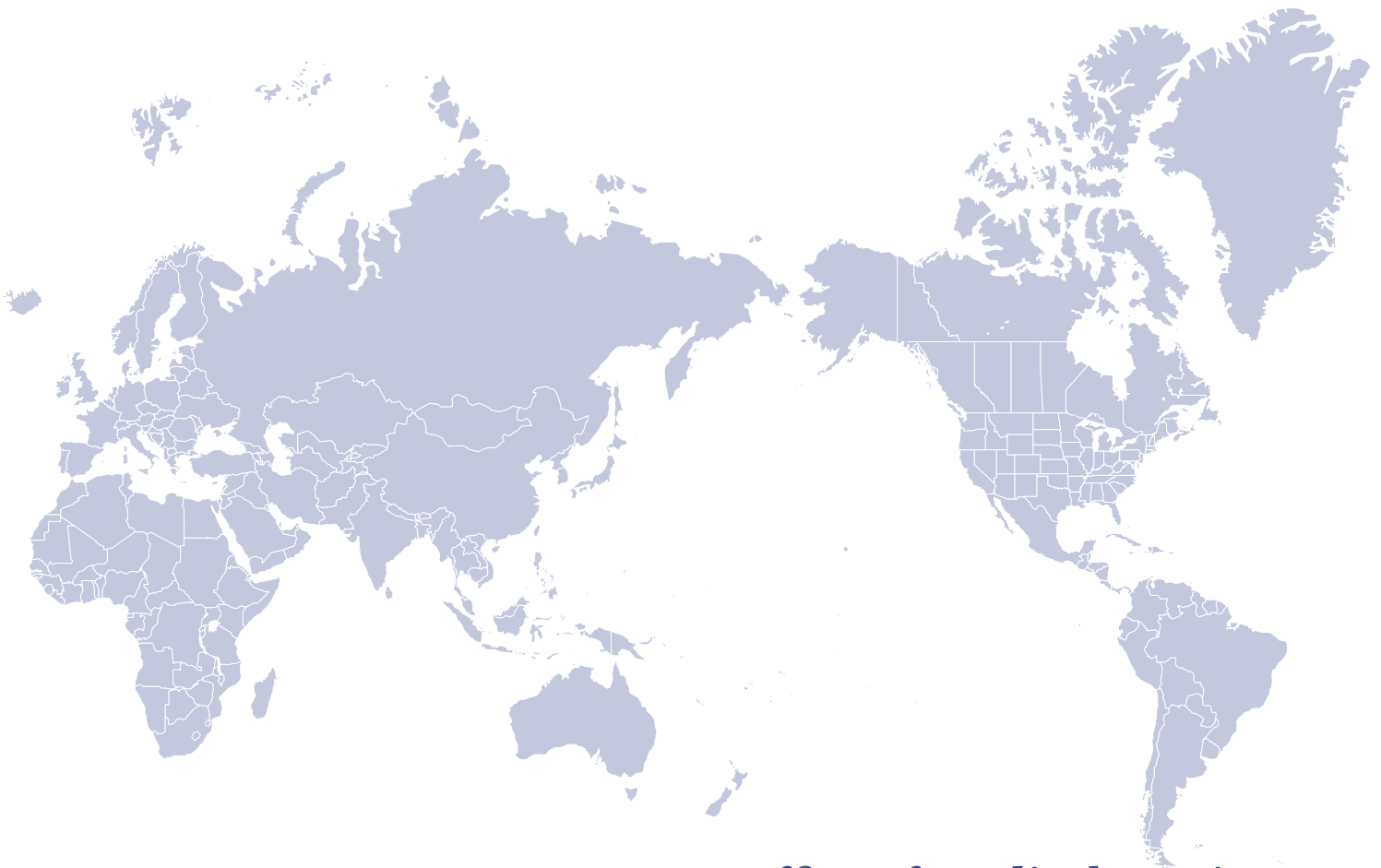




# The Health of the Volunteer 2004



Peace Corps · Office of Medical Services

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# The Health of the Volunteer 2004

## Annual Report of Volunteer Health

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Volume 10

Summer 2005

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## Introduction

### **Purpose**

*The Health of the Volunteer* is a report produced by the Peace Corps Office of Medical Services (OMS) for Peace Corps Medical Officers (PCMOs), Peace Corps Volunteers (PCVs), and agency staff. This volume provides summary information for calendar year 2004 and trend information over time. The purpose of the report is to:

- Document and analyze trends in health conditions among in-service and some post-service Volunteers.
- Provide information concerning these trends in a format that is useful for training and education of Volunteers and staff (Appendix B displays each figure from the text in a larger format).

The report includes graphic displays of information that can be used as educational material during pre-service training and in-service training sessions. Each figure provided in this volume is available on the Peace Corps Intranet to facilitate downloading and duplication for in-country training sessions.

### **Data Sources**

The data used to prepare this report come from several sources:

- PCMOs worldwide who submit monthly epidemiologic surveillance system (ESS) reports to OMS.
- Individual case reports concerning in-country hospitalizations and country-sponsored (regional) medevacs.
- The OMS deaths-in-service database.
- Selected screening unit data for medically cleared Volunteers and post-service unit data for returned Peace Corps Volunteers (RPCVs).

Data management and analysis is provided by the Epidemiology and Surveillance Unit within OMS.

### **VT Years as Denominator**

For 2004, unless otherwise noted, incidence rates are reported as events per 100 Volunteer-trainee years (100 VT years). VT years is the measure of person-time that accounts for both the number of Volunteers and the time each Volunteer is at risk for a health event. For example, if a Volunteer leaves after six months, he or she is only at risk during the six-month period and only half of a VT year has been contributed to the denominator for incidence calculations. If a PCV leaves after a year, one full VT year has been contributed. By measuring incidence per VT years, comparisons can be made among Peace Corps countries that may have different numbers of

Volunteers as well as different rates in which Volunteers begin and close service. Use of VT years allows comparisons between illness and injury categories as well as between Volunteer categories (such as gender and age).

### **Safety Issues**

In the past, the *Health of the Volunteer* included information related to safety and security issues. The Peace Corps Office of Safety and Security is now charged with collecting and analyzing data related to safety and security. Reports related to safety and security of the Volunteer will now be published through that office.

### **New Posts**

In calendar year 2004, the Peace Corps suspended operations in Nepal and opened or reopened operations in China, Jordan, Mexico, and St. Kitts and Nevis in the Eastern Caribbean. Also in 2004, the Peace Corps closed and reopened Haiti. Programs that close or open within a calendar year do not provide data to the epidemiology unit for a full calendar year, but only for those months in which they are fully operational. Therefore, incidence of health events for these countries should be interpreted cautiously. (Appendix A lists posts that opened, closed, and reopened as well as the countries where the Peace Corps serves and what regions they are in.)

### **Data Limitations**

There are at least four limitations on interpreting the data in this report. First, comparing incidence among countries is most valid for countries that have similar numbers of Volunteers. Second, incidence rates in countries with smaller VT years are less precise than rates using larger numbers of VT years, so caution is advised when interpreting incidence rates from countries with small VT years. (Appendix C includes the number of monthly reports submitted for each country, the VT years contributed to that country for 2004, the number of reported cases for each monitored condition, and the incidence of that condition. These data more clearly show the distribution of conditions in individual countries and regions.) Third, Volunteers may selectively under-report or over-report medical conditions to PCMOs. PCVs who are in frequent contact with the PCMO or who have conditions that are particularly severe or persistent may report conditions to PCMOs that might otherwise not have been reported. Conversely, PCVs who are in remote locations may not report or even seek healthcare for some reportable conditions, particularly those that are mild or self-limiting. Finally, PCMOs may misclassify reportable conditions. This may occur because posts have varied

diagnostic capabilities. For this reason, some conditions may be included in categories to which they should not be assigned and some may not be included in categories to which they ought to be assigned.

**Feedback**

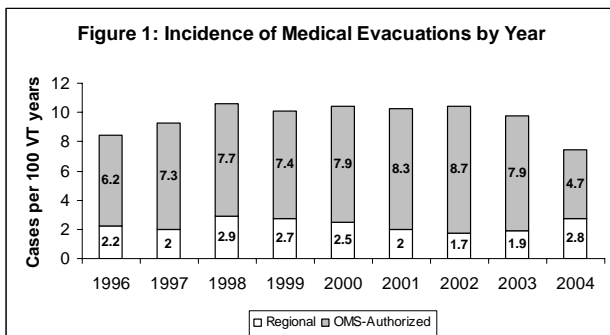
The Epidemiology Unit encourages PCMOs, country directors, and regional staff to review the data presented for their country. Feedback on the content of the report and any suggestions to enhance the report’s usefulness are welcome. Feedback to help PCMOs improve their education and training of Volunteers would be especially useful. Please direct any comments and suggestions to the Epidemiology and Surveillance Unit.

**2004 Highlights**

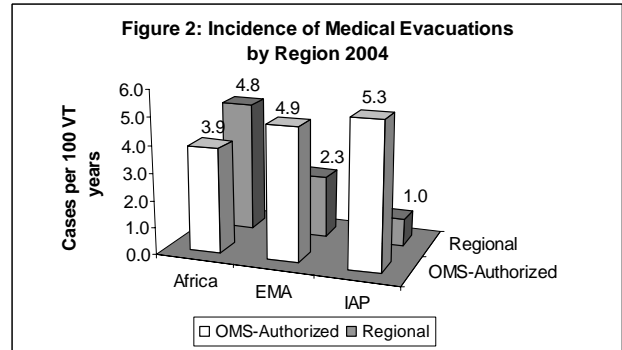
**Reduced Medevacs**

Medical evacuations (medevacs) include both OMS-authorized and country-sponsored medevacs (CSMs). OMS-authorized medevacs are primarily to receive care in the United States and are reported in the Peace Corps Medevac Case Management System. CSMs include all medical evacuations to a third country when a Volunteer’s illness or injury requires evaluation or treatment not available in the Volunteer’s country of service.

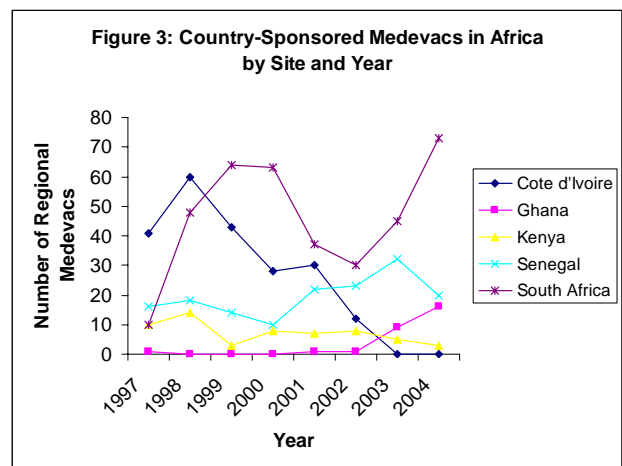
The overall incidence of all medevacs in 2004 was 7.5 per 100 VT years (Figure 1). In 2004, there were 542 medical evacuations; 341 (62.9 percent) were OMS-authorized medevacs and 201 (37.1 percent) were CSMs. This resulted in an incidence rate of 4.7 per 100 VT years for OMS-authorized medevacs and 2.8 per 100 VT years for CSMs, or “regional” medevacs. The total number of medevacs decreased by 17.3 percent compared to 2003, and the incidence rate decreased 23.5 percent overall and 32.9 percent for OMS-authorized medevacs. However, regional medevacs increased 55.8 percent with a 47.4 percent incidence rate increase.



The distribution of medevacs varied by region (Figure 2). In 2004, the highest incidence of OMS-authorized medevacs occurred in the Inter-America and Pacific (IAP) region (5.3 per 100 VT years) while the lowest incidence occurred in the Africa region (3.9 per 100 VT years). For CSMs, the highest incidence occurred in Africa region (4.8 per 100 VT years) and the lowest incidence in IAP region (1.0 per 100 VT years).



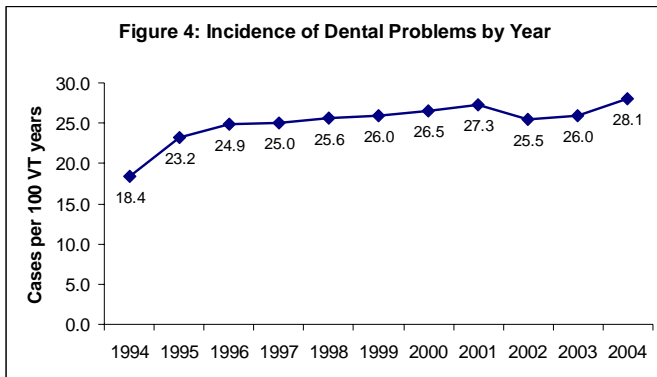
The observed differences likely reflect the overall healthcare delivery system in countries of a particular region, a country’s geographic proximity to the United States, or the availability of nearby advanced-care tertiary care facilities. The Europe, Mediterranean, and Asia (EMA) region is geographically large with one regional medevac site in Thailand, and IAP’s medevac site in Australia is generally reserved for Pacific island posts. In the Africa region, the presence of area PCMOs and the availability of advanced medical care in South Africa and other intermediate locations may account for the high rate of regional medevacs occurring in this region. Figure 3 shows the number of CSMs in Africa by site and by year.



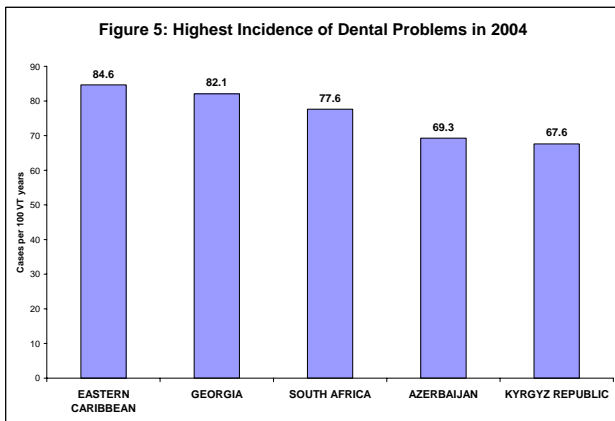
OMS has encouraged use of regional medevac sites since they can provide medical care equivalent to that in the United States. A regional medevac also decreases the time spent away from a Volunteer’s worksite. Medevac data in 2004 likely reflect this use of regional medevac sites.

**Highest Dental Problem Rate in 16 Years**

In 2004, dental problems were the fifth most reported health-related event among Volunteers. PCMOs reported 28.1 cases of dental problems per 100 VT years (Figure 4). This is the highest rate since 1994, and the incidence of dental problems has increased 52.7 percent since that year (18.4 per 100 VT years).



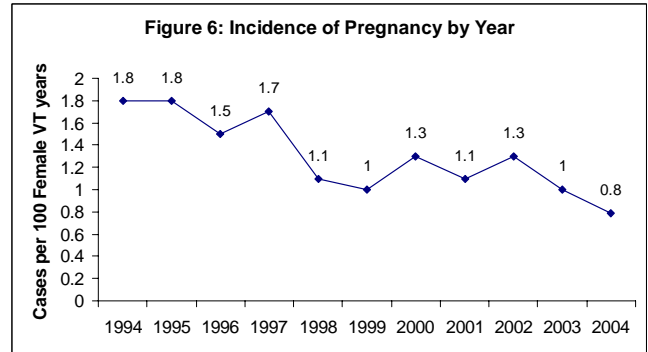
The countries with the highest rates of dental problems, in descending order, are Eastern Caribbean, Georgia, South Africa, Azerbaijan, and the Kyrgyz Republic. (Figure 5).



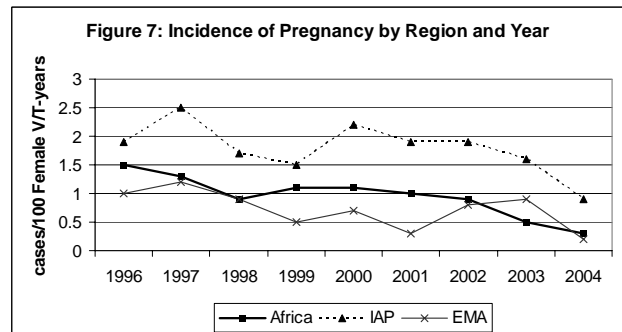
**Lowest Pregnancy Rate in 16 Years**

In 2004, there was a further reduction in the incidence rate of pregnancies among Volunteers. PCMOs report pregnancies that are confirmed by appropriate techniques during the month in which the pregnancy is confirmed. There were 33 pregnancies, resulting in an incidence rate of 0.8 per 100 female VT years (Figure 6). This is the

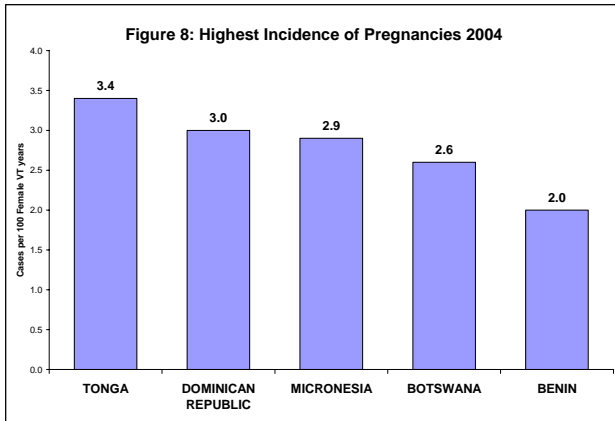
lowest pregnancy rate since 1989. The 2004 incidence rate represents a 20 percent reduction from the 2003 rate of 1.0 per 100 female VT years; however, the percentage of VT years attributed to females fell by only 2 percent from 59.1 percent to 57.9 percent.



The highest number of pregnancies was in the IAP region with 22 (66.6 percent) and an incidence of 0.9 per 100 female VT years. The Africa region had 7 (21.2 percent) and EMA had 4 (12.1 percent) pregnancies, resulting in incidence rates of 0.3 and 0.2 per 100 female VT years, respectively (Figure 7).



The five countries with the highest pregnancy incidence rates were: Tonga, 7.7 per 100 female VT years; Dominican Republic, 4.6; Micronesia, 4.4; Botswana, 3.5; and Benin, 3.0 (Figure 8). No noticeable trend could be found for any particular country having consistently high pregnancy rates.



### Continued Complete Reporting

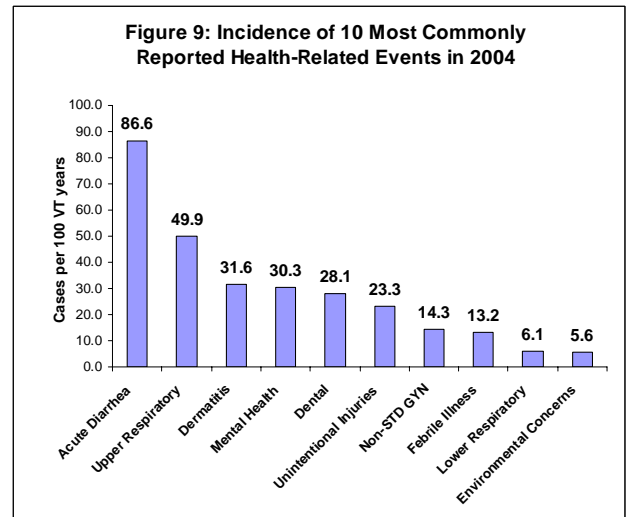
For 2004, PCMOs worldwide provided 100 percent of the Epidemiology Surveillance System (ESS) reports that produce the data contained in this report. This was the sixth consecutive year of 100 percent completeness in ESS reporting. However, PCMOs also provided 99.2 percent of the in-country hospitalization (ICH) reports that were expected and only 87.1 percent of the country-sponsored medevac (CSM) reports.

Complete reporting is the cornerstone of accurate data, and these data provide the most useful analysis of health events. PCMOs should endeavor to increase their reporting of ICHs and CSMs.

## The Ten Leading Health-Related Events

### The Top Ten Worldwide

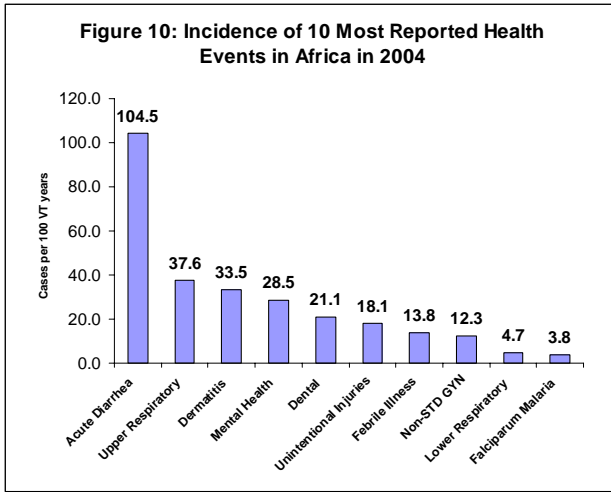
The 10 most commonly reported health-related events among Volunteers and trainees in 2004 were (in decreasing frequency): acute diarrhea, upper respiratory illness, infectious dermatitis, mental health problems, dental problems, unintentional injuries, non-sexually transmitted gynecologic infections, febrile illnesses, lower respiratory illness, and environmental concerns (Figure 9).



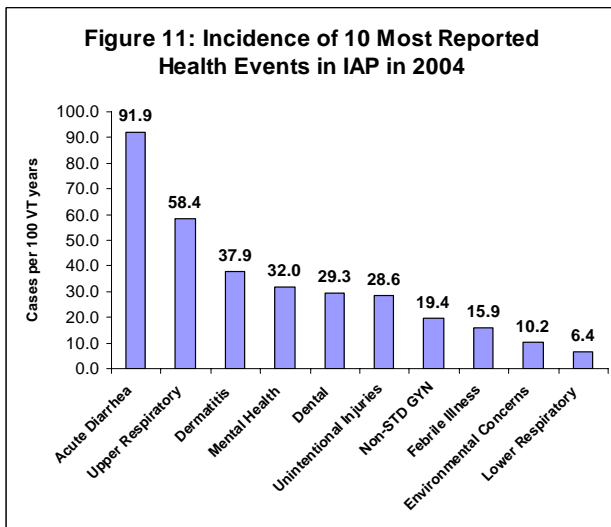
Examining the rank-order incidence of conditions worldwide may mask region-specific patterns. Regional differences, when noted, may reflect differing health risks, the number of Volunteers at risk in different regions, the presence of Volunteers with preexisting health conditions who are more readily accommodated in one location over another, or PCMO reporting patterns.

### Top Ten by Region

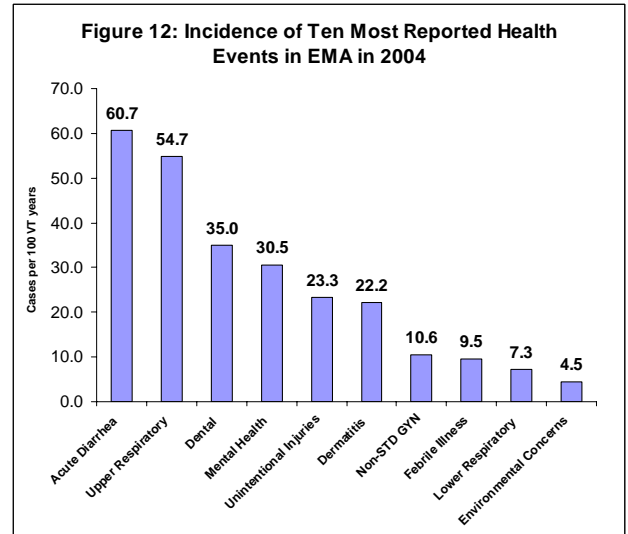
**Africa Region.** The Africa region's top 10 reportable conditions share the same 6 conditions as those reported worldwide, followed by febrile illness, non-sexually transmitted gynecological infections, lower respiratory illnesses, and falciparum malaria. Africa is the only region in which malaria ranks in the top 10 conditions, reflecting the seriousness of the disease in this region (Figure 10). Presumptive malaria has a higher incidence at 6.0 per 100 VT years, but was not included in this figure due to its broad category. Environmental health concerns do not appear in the top 10 conditions in this region.



**IAP Region.** IAP’s top 10 conditions are identical to those reported worldwide except that environmental concerns and lower respiratory illnesses swap positions at 9th and 10th places, respectively (Figure 11).



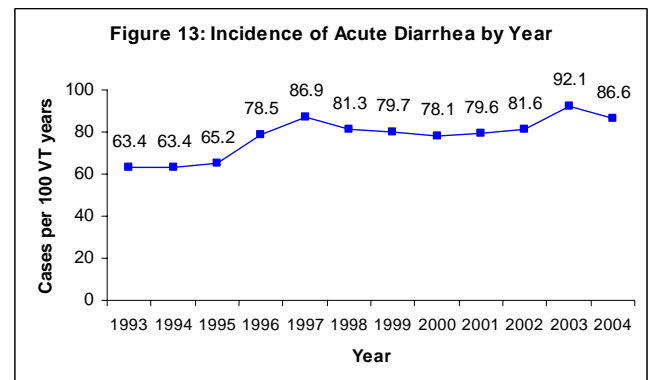
**EMA Region.** In EMA, the top 10 conditions are similar to those reported worldwide except with dental problems third, unintentional injuries fifth, and dermatitis sixth (Figure 12).



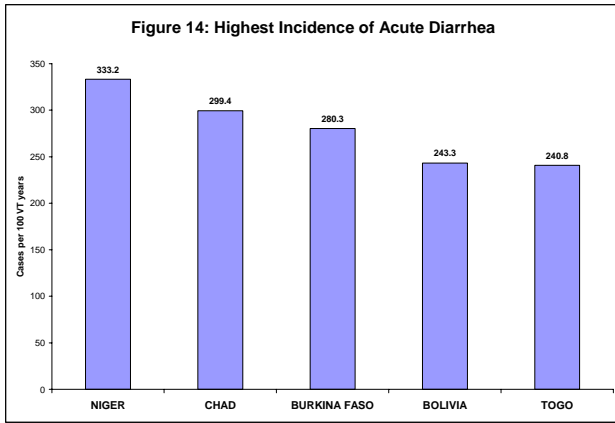
### Top Ten by Category

**#1: Acute Diarrhea.** The category of acute diarrhea includes laboratory-confirmed cases of amebiasis, giardiasis, salmonellosis, shigellosis, and other laboratory- and non-laboratory-confirmed cases where the Volunteer has four or more liquid or watery stools a day.

Acute diarrhea is the leading cause of reportable illness among Volunteers worldwide (86.6 cases per 100 VT years). This represents a small 6.0 percent decrease compared with 2003 (Figure 13).

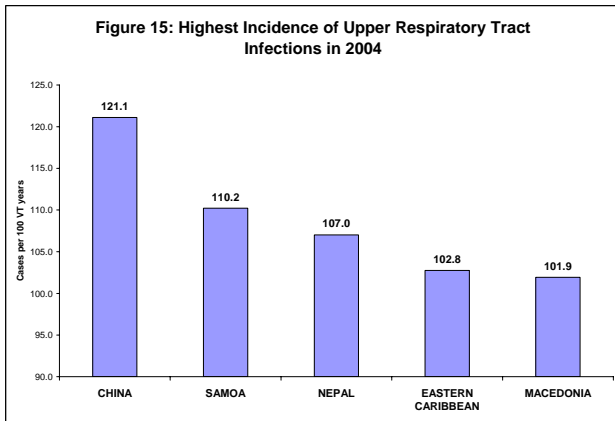


In 2004, the five countries with the highest incidence rates are shown in Figure 14. Though Mexico had an incidence rate of 982.3, it was excluded from this figure because it only provided three months of data.



**#2: Upper Respiratory Tract Illnesses.** This category includes influenza, influenza-like illnesses, pharyngitis, acute laryngitis, otitis media, and sinusitis. Both viruses and bacteria, including mycoplasma and chlamydia, are associated with upper respiratory illness (URIs).

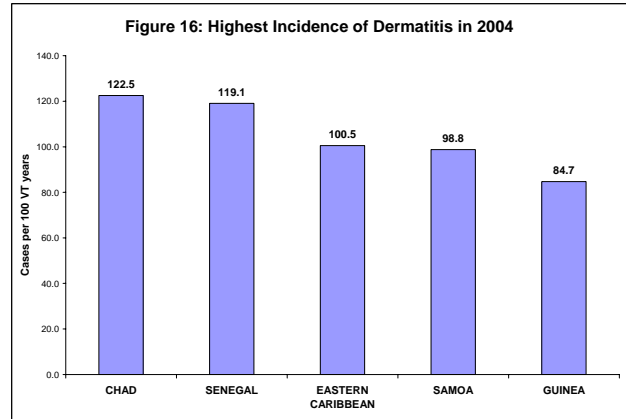
URIs are the second leading cause of reportable illness among Volunteers worldwide (51.7 per 100 VT years). The incidence of URIs in 2004 was slightly increased compared to the previous year (50.9 cases per 100 VT years in 2003). The top five URI incidence rates are shown in Figure 15. Mexico’s reported incidence rate was 102.4, but, again, it was excluded from this figure because it only contributed three months of data.



**#3: Dermatitis.** Infections of the skin due to bacterial, fungal, or parasitic organisms are classified as dermatitis, which may be laboratory confirmed or not. This category does not include acne, eczema, or nonspecific rashes.

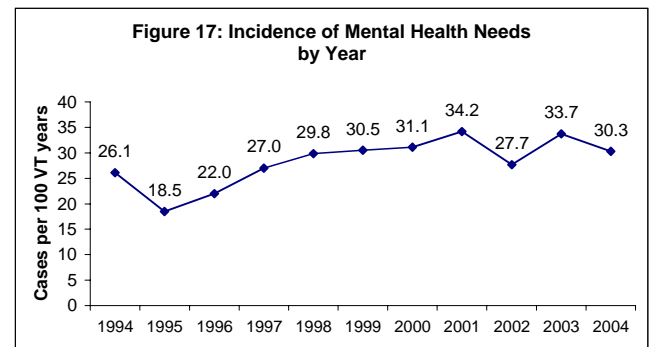
In 2004, there were 33.4 cases per 100 VT years, which is slightly higher than in 2003 (32.3 cases per 100 VT years). Dermatitis is common in tropical areas where secondary bacterial infection of minor abrasions is more common than in temperate regions. Additionally, superficial fungal infections of the skin, such as *Tinea*

*versicolor*, are common in moist, humid environments that promote fungal growth. Predictably, in 2004, dermatitis is ranked third in both Africa and IAP regions and sixth in EMA. The five countries with the highest incidence of dermatitis are shown in Figure 16.



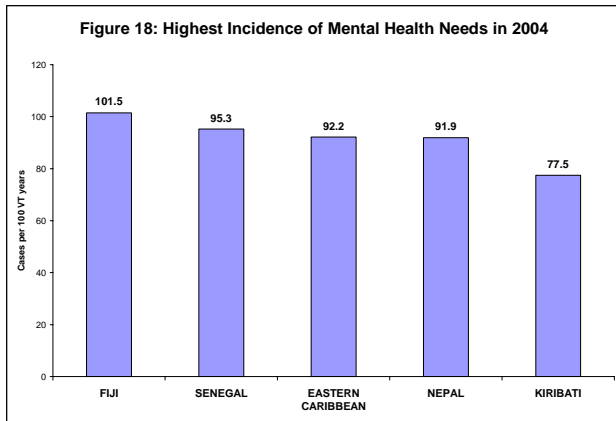
**#4: Mental Health Problems.** Reportable mental health problems are defined as one-to-one discussions (in person or by telephone) between PCMOs and Volunteers regarding mental health concerns not involving the environment. This category includes, among others, episodes of minor depression, problems with interpersonal relationships, minor reactions to stress, and loneliness. These problems may or may not lead to medical evacuation to the U.S. for additional evaluation.

Figure 17 shows that in 2004, PCMOs reported 30.3 cases per 100 VT years. This is a 10.1 percent decrease from 2003 when they reported 33.7 cases per 100 VT years.





The countries with the highest number of reported mental health needs are shown in Figure 18. Mexico had an incidence rate of 170.5, but was excluded from Figure 18 because the post opened late in 2004 and only contributed three months of data.

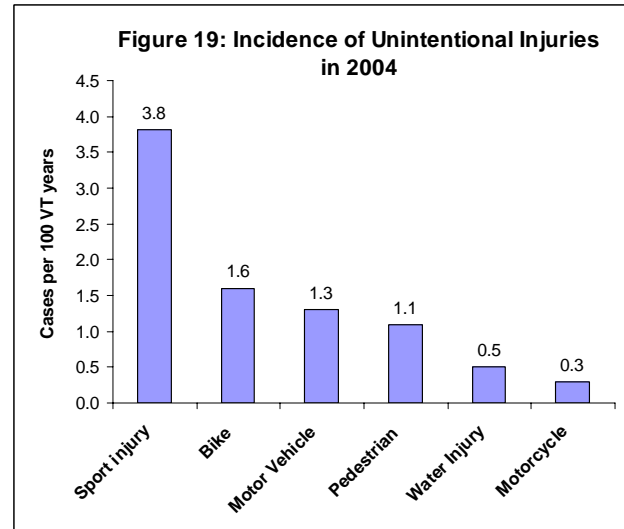


**#5: Dental Problems.** This category includes conditions involving the teeth and gums that were evaluated by a dentist or other healthcare professional. Dental problems do not include prophylactic dental visits.

As noted earlier, dental problems were the fifth most reported health-related event among Volunteers (28.1 per 100 VT years, Figure 3). This is the highest rate since 1994, and the incidence of dental problems has increased 52.7 percent since that year (18.4 per 100 VT years).

**#6: Unintentional Injuries.** This category includes pedestrian injuries, bicycle-related injuries, motorcycle-related injuries, motor vehicle (non-motorcycle) related injuries, water-related injuries, sports-related injuries, and “other” injuries. Water-related injuries include events associated with swimming, diving, waterskiing, boating, and other water-based activities. “Other” injuries include falls; burns; animal and insect bites; poisoning; and cuts, abrasions, and puncture wounds not related to sports, water, or vehicles.

In 2004, unintentional injury was the sixth leading reportable health condition (23.3 cases per 100 VT years). This is a slight reduction from 2003 (24.2 cases per 100 VT years). The most frequently reported category of unintentional injury was “other” injury (14.6 cases per 100 VT years). Unintentional sports injuries were the most common causes of unintentional injury (3.8 cases per 100 VT years), followed by bicycle, motor vehicle, pedestrian, water, and motorcycle injuries (Figure 19).



**#7: Non-Sexually Transmitted Gynecologic Infections.**

This category includes bacterial vaginosis and vaginal yeast infection. These two conditions are usually associated with low morbidity and are generally viewed as bothersome to women. However, they are important because of the increased risk of contracting HIV during sexual exposure in the setting of gynecologic infections resulting in vaginal or cervical inflammation.

In 2004, PCMOs reported 14.3 cases per 100 VT years. When comparing this with other conditions affecting Volunteers, note that this is the incidence rate among all Volunteers, both male and female. If adjusting only for female Volunteers, the incidence is 24.6 cases per 100 female VT years. This indicates that the severity of this condition is greater than the overall incidence rate indicates. Whether calculating for overall incidence or sex-specific incidence, both results keep this category sixth in the top 10 list.

Of the three regions, IAP had the highest incidence rate at 33.5 cases per 100 female VT years. EMA and Africa’s rates were 20.4 and 19.7 cases per 100 female VT years, respectively.

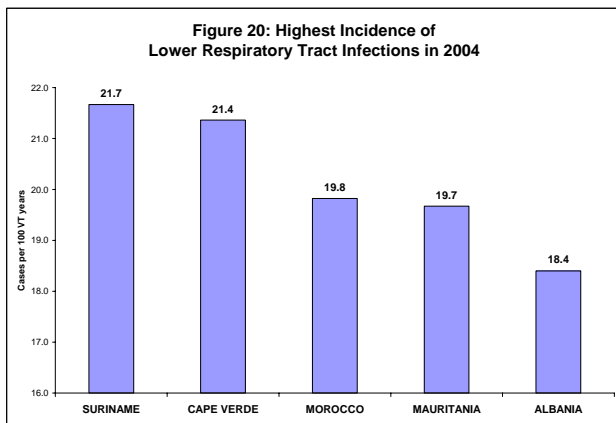
**#8: Febrile Illnesses.** This category includes any illness accompanied by a documented temperature of at least 38 degrees centigrade and which does not have a separate category in the surveillance system or is of unknown etiology. In 2004, PCMOs reported 13.2 cases per 100 VT years. This represents a 19.5 percent reduction from 2003 (16.4 cases per 100 VT years).

Certain reporting patterns suggest etiologies for some of the unspecified febrile illnesses. For instance, increased reported cases in EMA during the winter months suggest unrecognized influenza as well as other virus activity. In

addition, fever alone may be the only manifestation for some infections, most notably viral infections. These viral infections often resolve themselves before a definite diagnosis can be established.

**#9: Lower Respiratory Tract Illnesses.** Pneumonia, pneumonitis, bronchitis, and pleural disease are included in this category, and each can be associated with bacteria, viruses, mycoplasma, and chlamydia. Asthma is a separate reporting category from lower respiratory illness.

In 2004, lower respiratory illnesses were the ninth-ranked cause of reportable illness among Volunteers (6.1 cases per 100 VT years). The countries that reported the five highest incidence rates of lower respiratory illness are shown in Figure 20.



**#10: Environmental Concerns.** Environmental concerns are defined as one-to-one discussions (in person or by telephone) between PCMOs and Volunteers regarding exposures to environmental threats. Included in these interactions are concerns about air pollution, heavy metal exposures, pesticides, radiation, water pollution and poor water quality, food sanitation, and disaster threats (e.g., earthquakes, hurricanes, tsunamis). These problems may or may not lead to medical evacuation or site changes.

In 2004, environmental concerns were ranked 10th in reported frequency (5.6 cases per 100 VT years). The highest incidence of environmental concerns was in the IAP region at 10.2 cases per 100 VT years, compared to 4.5 cases in EMA and 2.2 cases in Africa. The high rate in IAP can be attributed to Vanuatu and Samoa's rates (96.5 cases per 100 VT years and 76.0 cases per 100 VT years, respectively).

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## In-Service Deaths

### *Two Deaths in 2004*

There were two Volunteer deaths in 2004. One was due to an unexpected illness and the other to a motor vehicle accident.

The former occurred when a 55-year-old male in the IAP region died in his sleep. A subsequent autopsy determined that his cause of death was congestive heart failure. The second death occurred in a 24-year-old female who was killed in a public bus accident in the EMA region.

Between 1961 and 2004, there were 253 in-service Volunteer deaths. The overall mortality (the number of deaths per 10,000 Volunteers per year) since 1990 has been at historic lows. Between 1961 and 2004, unintentional injuries had the highest cause-specific fatality, followed by medical illnesses.

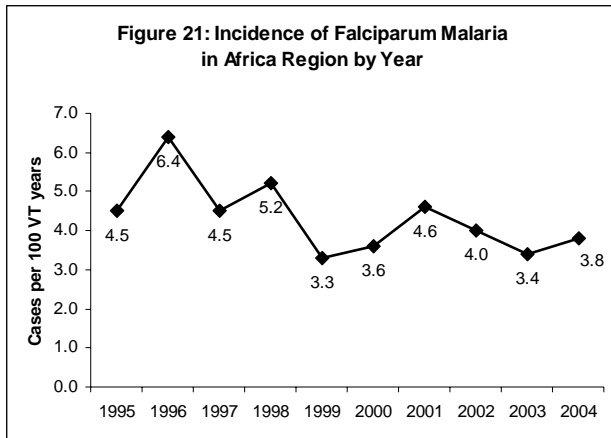
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## Tropical Diseases

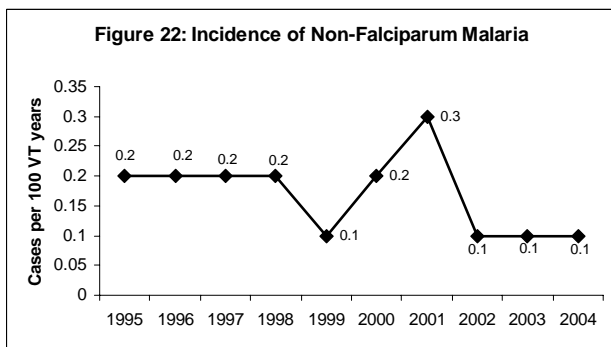
### *Malaria*

Malaria remains a serious concern for Peace Corps Volunteers due to its high morbidity and mortality rate, lack of immunity in Volunteers from the United States who are placed abroad, and growing resistance of malaria to standard chemoprophylactic regimens. Although falciparum malaria, found mostly in Africa, is the most aggressive form, all Peace Corps regions have endemic areas for malaria and should exercise great caution to avoid this deadly disease.

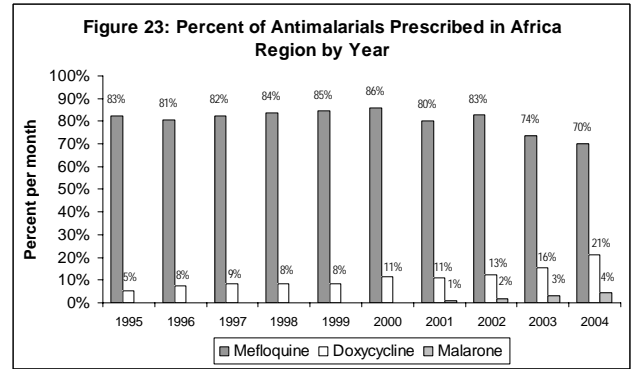
In 2004, there were 99 cases of falciparum malaria reported in Africa (3.8 cases per 100 VT years) and 3 cases reported in IAP (0.1 cases per 100 VT years). The incidence of falciparum malaria has been generally decreasing since 1995 (Figure 21).



There were 8 cases of non-falciparum malaria in 2004 (5 in IAP, 2 in Africa, and 1 in EMA). The worldwide incidence of non-falciparum malaria has been relatively steady at 0.1 cases per 100 VT years for the last three years (Figure 22). It is important to note that most malaria cases are reported in the presumptive malaria category. This means the illness is consistent with malaria in which treatment for malaria was administered, but was not confirmed by blood smears or other specific techniques. There were 157 cases of presumptive malaria in 2004 (2.2 cases per 100 VT years worldwide), with 155 reported in Africa (6.0 cases per 100 Africa VT years) and 2 reported in IAP.



Personal protective measures are the primary methods to prevent malaria. These include mosquito nets, insecticide containing DEET, protective clothing, and limiting exposure between dusk and dawn in endemic areas. The chemoprophylactic drug of choice to combat malaria is chloroquine, and in areas where malaria is resistant to chloroquine, mefloquine. Volunteers with documented intolerance to chloroquine or mefloquine may take doxycycline or Malarone (atovaquone and proguanil). Antimalarials taken by Volunteers are shown in Figure 23.

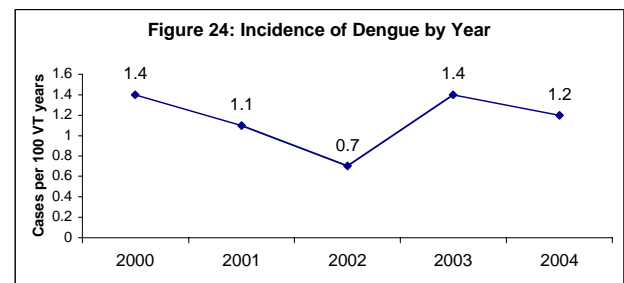


Of note is a trend toward increased use of doxycycline and Malarone for chemoprophylaxis. Both doxycycline and Malarone have half-lives of around 24 hours, so they must be taken daily to provide adequate levels of medication in the blood for protection against malaria. On the other hand, chloroquine and mefloquine have half-lives that are several weeks in length, so they can be taken weekly, and thus have high compliance rates.

The potential consequences of missing a single dose of doxycycline or Malarone are significant when compared to missing a single dose of chloroquine or mefloquine. Delaying a dose of doxycycline or Malarone by one day places the Volunteer at risk for clinical disease, including cerebral malaria and possible death. A similar dosing delay with mefloquine does not place the Volunteer at the same level of risk.

### Dengue

Dengue is defined as infection with the mosquito-borne dengue virus, confirmed by demonstration of IgM antibodies or four-fold change in IgG antibodies against dengue virus. In 2004, there were 86 cases of dengue, resulting in an incidence of 1.2 cases per 100 VT years (Figure 24).

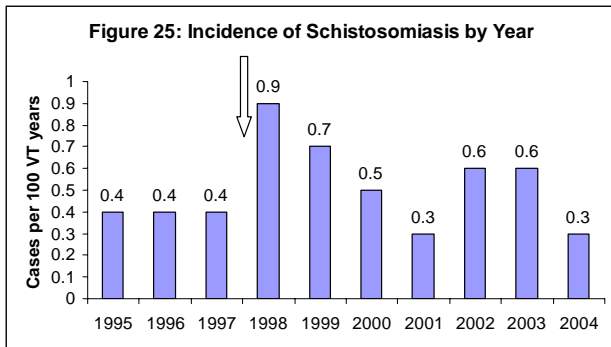


**Schistosomiasis**

Schistosomiasis is defined as an infection with *Schistosoma hematobium, mansoni, japonicum, or intercalatum*, confirmed by demonstration of the parasite or its eggs in stool, urine or tissue, or specific antibody against the parasite.

Schistosomiasis is endemic in all the regions in which Peace Corps serves, although it is the most widely endemic throughout many countries of sub-Saharan Africa. The incidence and prevalence of schistosomiasis varies within each country in which the parasites are endemic.

In 1997, OMS implemented new close-of-service screening procedures for schistosomiasis (note arrow in Figure 24). In 2004, there were 24 cases of reported schistosomiasis, giving an incidence of 0.3 cases per 100 VT years (Figure 25).

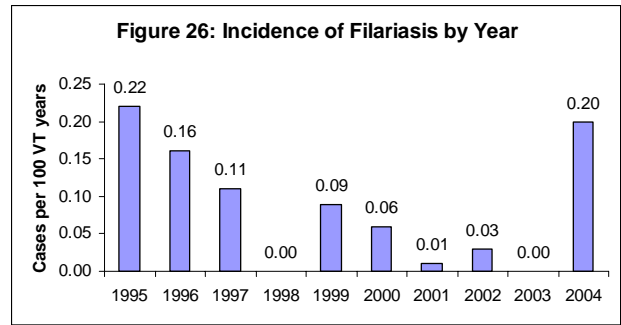


This represents a 50 percent reduction from 2003 (0.6 cases per 100 VT years) and equals the lowest incidence since 1995. All 24 cases were among Volunteers serving in 9 different countries in Africa.

**Filariasis**

This category includes any infection of the blood or other tissues with a filaria species (e.g., *Wuchereria bancrofti*, *Brugia malayi*, *Onchocerca volvulus*, *Loa loa*, *Acanthocheilonema perstans*, *Dipetalonema streptocerca*, and *Mansonella ozzardi*). The infection is confirmed by demonstration of the parasite in blood or tissues, specific antibody against the parasite, or circulating serum antigen.

In 2004, there were 13 reported cases of filariasis, 12 in Africa and 1 in IAP (5 in Tanzania, 3 in Mozambique, 2 each in Cameroon and Gabon, and 1 in Vanuatu). The worldwide incidence rate was 0.2 cases per 100 VT years (Figure 26).

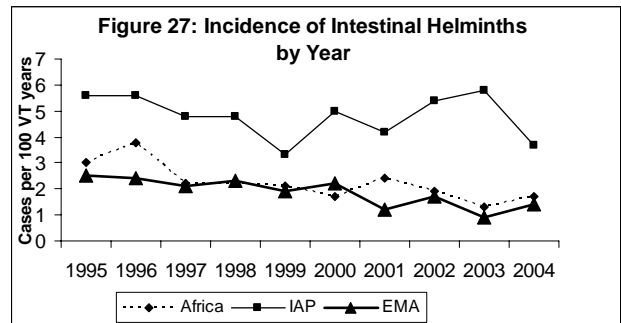


The ESS does not distinguish among the different types of filariasis. However, based upon the geographic distribution of the different species, cases in central Africa are most likely loiasis, whereas cases from West Africa are more likely to be onchocerciasis. However, mixed infections with both *Loa loa* and *O. volvulus* can occur due to overlapping endemic regions.

**Intestinal Helminths**

This category includes infections of the gastrointestinal tract by an intestinal helminth, such as ascaris, hookworm, or pinworm, confirmed by observation of the parasite or its eggs in stool.

In 2004, the worldwide incidence of helminths was 2.3 cases per 100 VT years. Helminths are endemic in all regions (Figure 27). There were 168 reported cases; 93 in IAP (3.7 cases per 100 VT years), 44 in Africa (1.7 per 100 VT years), and 31 in EMA (1.4 per 100 VT years).

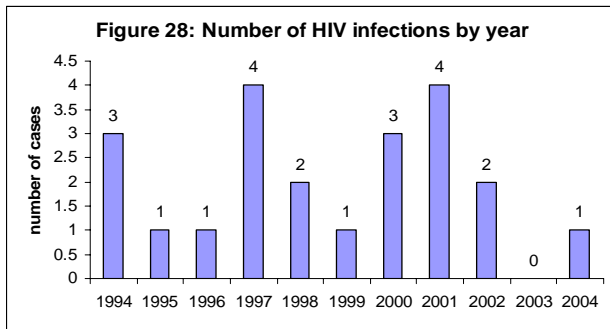


**HIV and Sexually Transmitted Diseases**

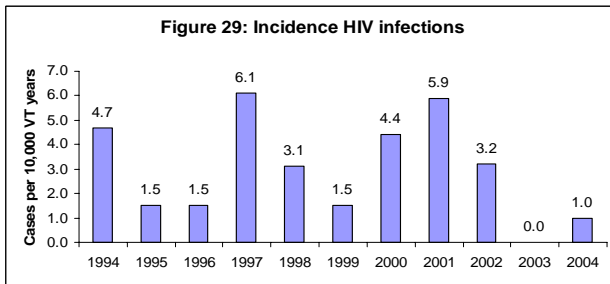
**Human Immunodeficiency Virus (HIV)**

The only reported case of HIV infection in a Peace Corps Volunteer in 2004 occurred in September in Mozambique. The last previous HIV case was reported in September 2002. This represents a full 24-month interval without a reported case of HIV, which is the longest infection-free

interval on record at the Peace Corps for the last 15 years (Figure 28).



The overall incidence of HIV in 2004 was 1 case per 10,000 VT years. This is lower than the incidence rate in each of the past 10 years except 2003 (Figure 29).

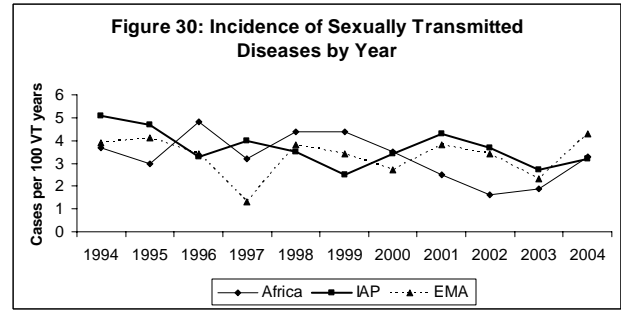


Routine HIV testing of all Peace Corps applicants started in 1987. That year, all Volunteers also started receiving HIV testing at close of service. Volunteers who have had negative HIV test results during application and subsequent positive HIV test results are defined as having service-acquired HIV infection. On the basis of HIV testing, 33 HIV infections have been determined as acquired during Peace Corps service as of 2004. The low HIV incidence rate in 2004 may be due to factors including appropriate use of post-exposure prophylaxis and improved education and training of Volunteers in HIV protective measures.

### Sexually Transmitted Diseases

This category includes genital ulcer disease (including syphilis, genital herpes, lymphogranuloma venereum, and chancroid), human papillomavirus (genital warts), other sexually transmitted diseases (STDs) (including gonorrhea, chlamydia, trichomonas, pelvic inflammatory disease, and other non-laboratory confirmed STDs).

The incidence of reported STDs in 2004 was 3.6 per 100 VT years (Figure 30).

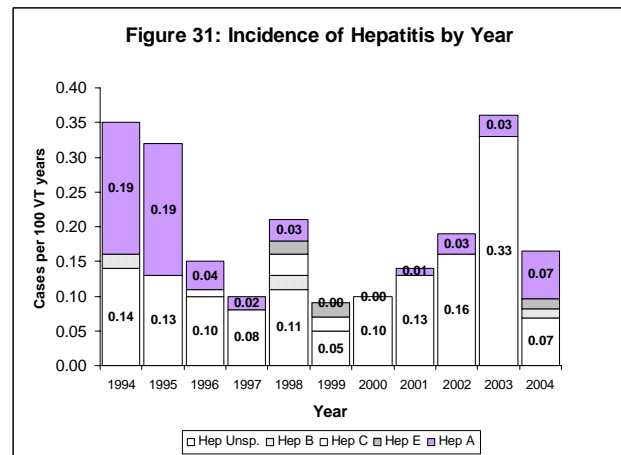


### Other Infectious Diseases

#### Hepatitis

Hepatitis is reported as an infection of the liver causing jaundice or elevated amino-transferase levels. Hepatitis A, B, C, and E are reported with confirmatory lab testing; “other” or “unspecified” hepatitis is reported if a cause other than hepatitis A, B, C, or E is identified or if no etiology is known.

Twelve cases of hepatitis were reported in 2004, including five cases of hepatitis A, one case of hepatitis B, one case of hepatitis E, and five cases of “unspecified” hepatitis. The incidence rate of both hepatitis A and “unspecified” hepatitis is 0.07 cases per 100 VT years (Figure 31). The incidence of hepatitis B and E are 0.01 cases per 100 VT years each. There were no cases of hepatitis C reported in 2004.



The Peace Corps offers vaccines for hepatitis A and B. Cases of hepatitis A and B are recorded in this category and not in the category of vaccine-preventable illnesses.

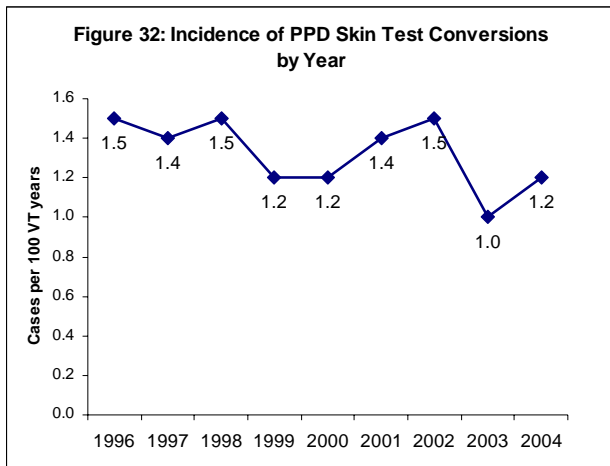
The catch-all reporting category of “unspecified” or “other” hepatitis can include a wide variety of infectious and noninfectious causes, such as cytomegalovirus, herpes simplex virus, varicella virus, human

immunodeficiency virus, and dengue; bacterial causes, including leptospirosis and syphilis; and drug or toxic exposures, such as isoniazid.

**Tuberculosis**

This category includes both purified protein derivative (PPD) skin test conversions and active tuberculosis. PPD skin conversions are defined as an infection with *Mycobacterium tuberculosis* confirmed by conversion from negative to positive of a Mantoux intra-dermal skin test using PPD that was placed on the Volunteer and read by the PCMO or other healthcare provider trained in the placement and proper reading of this test. Active tuberculosis is defined as an infection with mycobacterium tuberculosis confirmed by culture of the organism from a collected clinical specimen or a clinical presentation consistent with active tuberculosis that is culture-negative, but responds to treatment with appropriate anti-tuberculosis therapy.

In 2004, the incidence of PPD skin test conversions was 1.2 per 100 VT years (Figure 32). There were no reported cases of active tuberculosis in 2004.



**Vaccine-Preventable Diseases and Vaccine Use**

PCMOs track and report the monthly doses of vaccines given to Volunteers and trainees for hepatitis A, hepatitis B, Japanese B encephalitis, meningococcal meningitis, rabies (both pre-exposure and post-exposure), tick-borne encephalitis, and typhoid (oral and injectable). Also reported are doses of rabies hyperimmune immunoglobulin (HRIG).

In 2004, 25,797 doses of vaccine and 18 doses of HRIG were reported (Table 1).

**Table 1. Vaccines and Doses in 2004**

Vaccine	# of Doses
Hepatitis A	5,342
Hepatitis B	5,524
Japanese B Encephalitis	771
Meningococcus	1,893
Rabies Pre-exposure	8,047
Rabies Post-exposure	307
Rabies HRIG	18
Tick-Borne Encephalitis	404
Typhoid—Oral	215
Typhoid—Heat Inactivated	0
Typhoid—Injection	3,294
<b>Total</b>	<b>25,815</b>

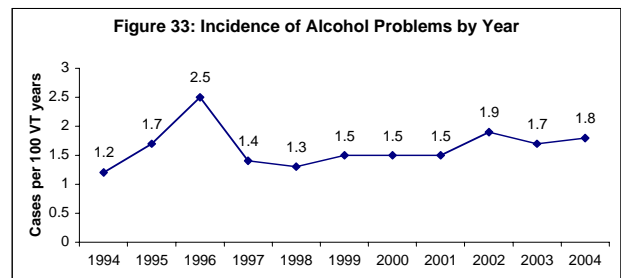
Besides the hepatitis A and hepatitis B cases reported above, the only other vaccine-preventable diseases reported among Volunteers in 2004 were three cases of chicken pox (two in Guinea—one in March and one in December—and one in Mauritania in July) and three cases of typhoid fever (all in the Philippines—one in September and two in December).

**Other Reportable Conditions**

**Alcohol Problems**

This category reports incidents where the PCMO is notified of behavior that was altered or physical/mental acuity that was impaired due to alcohol intoxication are categorized as alcohol problems. This category also includes reported incidents of intoxication that resulted in a behavioral change in the Volunteer and incidents observed by medical staff, other in-country staff, Volunteers, or other reliable sources.

In 2004, the incidence rate was 1.8 per 100 VT years (Figure 33). EMA had the highest incidence rate at 2.5 cases per 100 VT years, followed by Africa (1.5) and IAP (1.4).

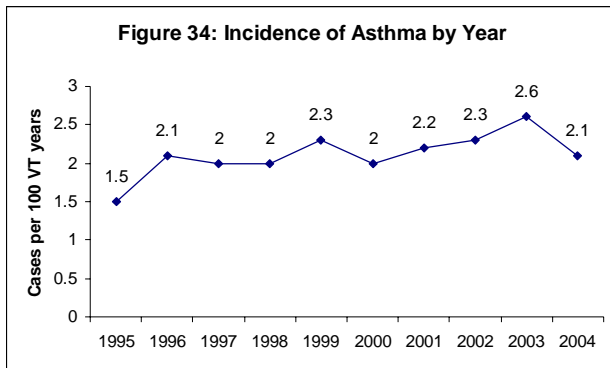




### ***Asthma***

Reportable cases of asthma include new cases and recurrences of previously controlled asthma. New cases must meet the criteria of symptoms suggestive of asthma, peak expiratory flow-rate monitoring demonstrating airflow obstruction (reversible with bronchodilators), or a positive response to provocation testing (methacholine challenge). Suggestive symptoms are usually episodic (i.e., cough, wheeze, shortness of breath, exercise intolerance, chest tightness, and/or sputum production), associated with airflow obstruction on pulmonary function testing, and is reversible by bronchodilators.

The incidence of reported asthma cases in 2004 was 2.1 per 100 VT years (Figure 34). This is a 19 percent decrease from 2003. EMA had the highest incidence rate at 2.8 cases per 100 VT years, compared to IAP (2.2) and Africa (1.3). OMS continues to review which countries can accommodate Volunteers with stable, controlled asthma and updates this country information as appropriate.



### ***Cardiovascular Conditions***

Reported cardiovascular conditions are those related to the heart and blood vessels that are evaluated by a healthcare professional. Palpitations and chest pain are not reportable as a cardiovascular conditions unless a specific cardiac disorder is diagnosed.

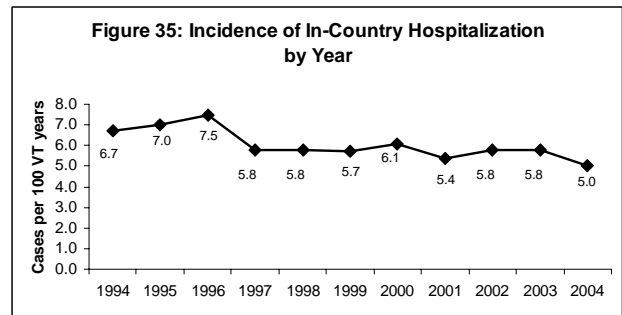
The incidence of reported cardiovascular conditions in 2004 was 1.5 per 100 VT years. The incidence of cardiovascular conditions varies by region with the highest incidence reported in EMA region (2.9 per 100 VT years) followed by Africa (1.0) and IAP (0.7).

## **Health Interactions**

### ***In-Country Hospitalizations***

These include overnight stays in a clinic, hospital, or facility authorized by medical staff for the monitoring or treatment of a health condition that required prolonged attendance by a medical professional. Also included are overnight stays at a non-healthcare facility (e.g., staff member's residence) only if the Volunteer had a condition that required hospitalization, but an appropriate hospital was not available.

The incidence of in-country hospitalizations reported in 2004 was 5.0 per 100 VT years (Figure 35).



IAP reported the highest incidence of hospitalizations at 7.5 per 100 VT years with Africa reporting 4.2 and EMA 3.1. These variations may reflect differences in locally available facilities and supporting services, including laboratories, differences in patterns of medical evacuations for acute illnesses, and under-reporting of hospitalizations in countries where the PCMO's home or the Peace Corps health unit is the de facto hospital.

### ***Country-Sponsored Medevacs***

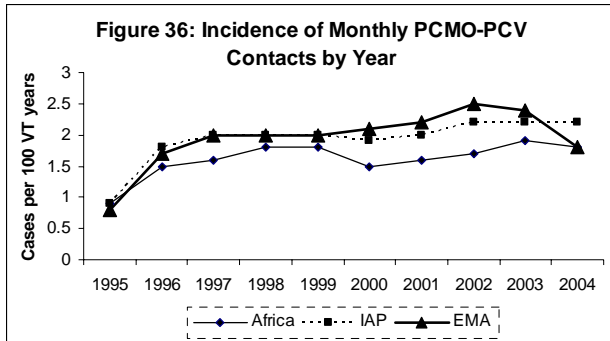
See 2004 Highlights on page 2 for a discussion of medical evacuations in 2004.

### ***Volunteer-PCMO Contacts***

PCMOs report health condition-related Volunteer-PCMO contacts monthly. A contact is defined as an interaction a Volunteer or trainee has with the health unit for any health- or safety-related matter. A contact includes office visits, telephone contacts, letters, fax communications, or site visits by the PCMO in which health or safety-related matters are discussed. It also includes visits for routine immunizations and medical supplies. These data do not include interaction between Volunteers and PCMOs that

occur in training settings when the PCMO is teaching/interacting with a group of Volunteers.

In 2004, there were 169,073 Volunteer-PCMO healthcare contacts, or 14,492 contacts per month. This translates to 1.99 PCMO contacts per VT year each month. The per-country range was 0.5 to 12.5 contacts per VT years per month. Contact rates in all three regions remained relatively stable in 2004 (Figure 36).



## Medical Accommodations

The Office of Medical Services assesses all Peace Corps applicants to evaluate their physical and mental capacity to perform the essential functions of a Peace Corps Volunteer. With reasonable accommodation, Volunteers must be able to perform these functions without undue risk of disruption of service or unreasonable risk to their health. OMS determines whether an applicant is medically qualified for Peace Corps service and identifies country-specific resources that would allow applicants with conditions requiring accommodation to serve safely and effectively.

The medical accommodation program within OMS facilitates the decision-making process regarding applicants with special medical or site placement needs. The medical screening team and/or the medical placement coordinator review all applicants who have special medical needs or require special site placement. Applicants with conditions that require special medical monitoring (i.e., beyond routine care) are cleared by the screening team for country-wide service in countries that can support such monitoring. Applicants with conditions that require a specific geographic location or require proximity to an urgent care medical facility are cleared for site-specific service by the medical placement coordinator. This process includes consultation among the OMS, Volunteer Recruitment Services, and Peace Corps post staff.

Conditions and services for which the Peace Corps makes medical accommodations include (but are not limited to): asthma, cardiology, dermatology, egg allergy, gastroenterology, mammography, malarial susceptibility, ophthalmology, peanut allergy, psychiatric services required (also called 8A accommodation), psychotropic medication monitoring (also known as 8B accommodation), prostate-specific antigen, ritalin availability, seasonal affective disorder, seizure, shellfish allergy, urology, and “other” or “rare” accommodations

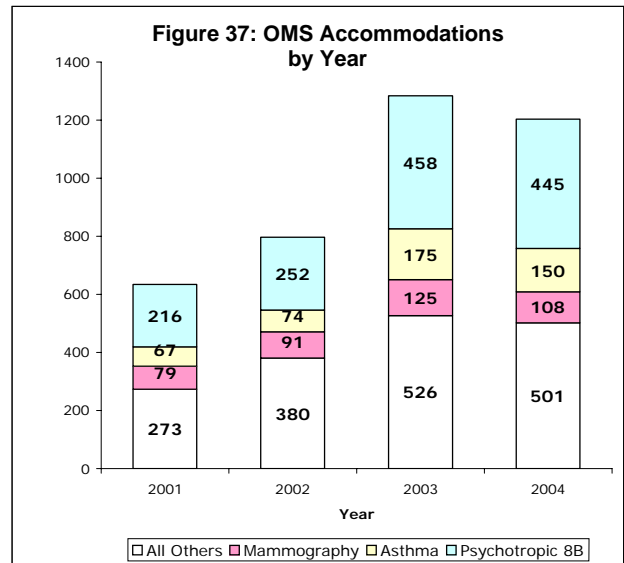


Figure 37 shows the accommodations made by OMS by year from 2001 to 2004. The top accommodation made in each year was the 8B psychotropic medication accommodation. In 2003 and 2004, asthma was the second most accommodated condition, with mammogram services third. All other accommodations are grouped together due to their relative infrequency compared to the top three accommodated conditions.



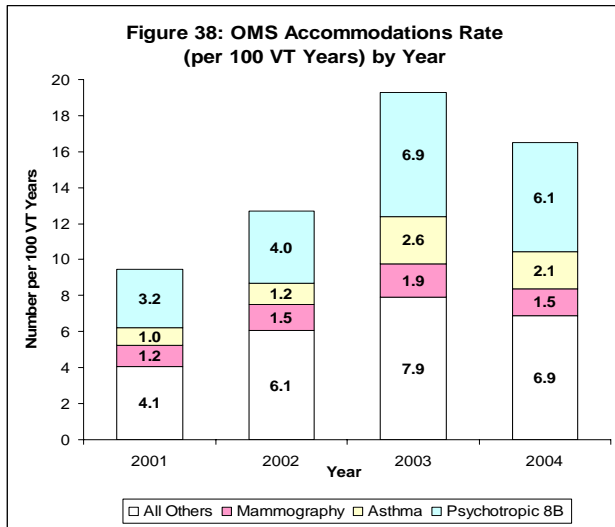


Figure 38 shows the rate of accommodations, or the number of accommodations per 100 VT years, by year between 2001 and 2004.

Note that Figures 36 and 37 reflect the number of accommodations made by OMS, not the number of accommodated Volunteers. A single Volunteer may have more than one accommodated condition.

Moreover, accommodation decisions made by OMS do not always include in-country accommodation decisions made by each post.

## Post-Service Claims

After close of service, Volunteers may file claims under the Federal Employees' Compensation Act (FECA) for conditions that are caused, accelerated, or exacerbated by their service. The OMS Post-Service Unit processes these claims, which are then adjudicated by the U.S. Department of Labor. Table 2 shows the claims filed in 2004 by diagnostic category.

**Table 2: 2004 FECA Claims by Diagnostic Category**

Diagnostic Category	No. Claims
Symptoms, signs, and ill-defined conditions (includes: non-specific reaction to tuberculin skin test)	160
Dental	106
Mental disorders (includes PTSD)	104
Infectious and parasitic diseases (includes plantar wart, fungus, and HPV-abnormal Pap)	94
Diseases of the musculoskeletal system and connective tissue	66
Diseases of the skin and subcutaneous system (includes acne and pilonidal cyst)	48
Diseases of the genitourinary system (includes abnormal Pap)	46
Diseases of the digestive system (includes TMJ)	27
Diseases of the nervous system and sense organs (includes carpal tunnel syndrome and hearing loss)	26
Pregnancy	20
Neoplasms (includes benign nevi, normal pap-CIN III, and lipoma)	18
Diseases of the respiratory system (includes allergic rhinitis)	9
Endocrine, nutritional, and metabolic disease and immunity disorders	6
Diseases of the circulatory system (includes hemorrhoids)	6
Diseases of the blood and blood-forming organs	2
Congenital anomalies	1
Certain conditions originating in the prenatal period	18
<b>Total</b>	<b>757</b>

Also note that claims filed in 2004 may have been filed by Volunteers who served prior to 2004.

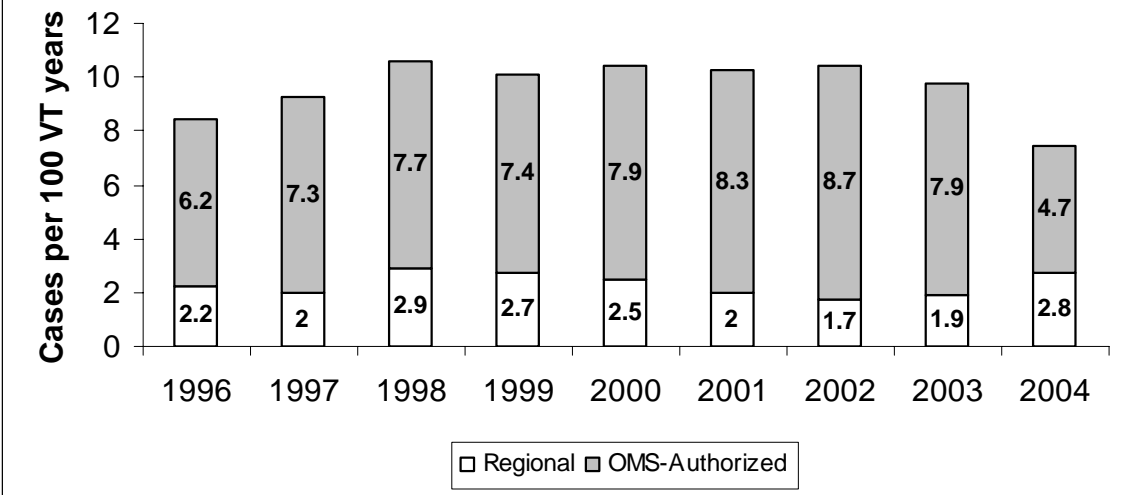
Finally, although these claims are adjudicated by the Department of Labor, accepted claims are paid by the Department of Labor with Peace Corps funds. In 2004, Peace Corps payments for accepted post-service claims were \$10,076,244.

## Peace Corps Regions

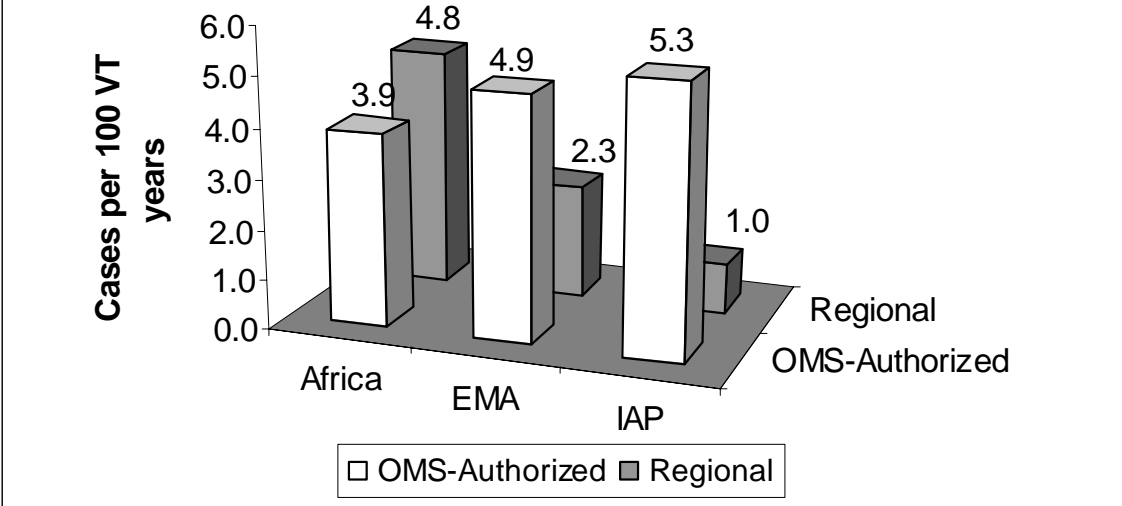
<b>Africa</b>	<b>Europe, Mediterranean and Asia</b>	<b>Inter-America and the Pacific</b>
Benin	Albania	Belize
Botswana	Armenia	Bolivia
Burkina Faso	Azerbaijan	Costa Rica
Cameroon	Bangladesh	Dominican Republic
Cape Verde	Bulgaria	East Timor
Chad	China	Eastern Caribbean
Gabon	Georgia	Ecuador
Ghana	Jordan	El Salvador
Guinea	Kazakhstan	Fiji
Kenya	Kyrgyz Republic	Guatemala
Lesotho	Macedonia	Guyana
Madagascar	Moldova	Haiti
Malawi	Mongolia	Honduras
Mali	Morocco	Jamaica
Mauritania	Nepal	Kiribati
Mozambique	Philippines	Mexico
Namibia	Romania	Micronesia
Niger	Thailand	Nicaragua
Senegal	Turkmenistan	Panama
South Africa	Ukraine	Paraguay
Swaziland	Uzbekistan	Peru
Tanzania		Samoa
The Gambia		Suriname
Togo		Tonga
Uganda		Vanuatu
Zambia		

Peace Corps countries <b>opened</b> or <b>reopened</b> in calendar year 2004:	St. Kitts & Nevis (Eastern Caribbean) Jordan China Mexico Haiti
Peace Corps countries <b>suspended</b> in calendar year 2004:	Nepal
Peace Corps country <b>closed and reopened</b> in calendar year 2004:	Haiti

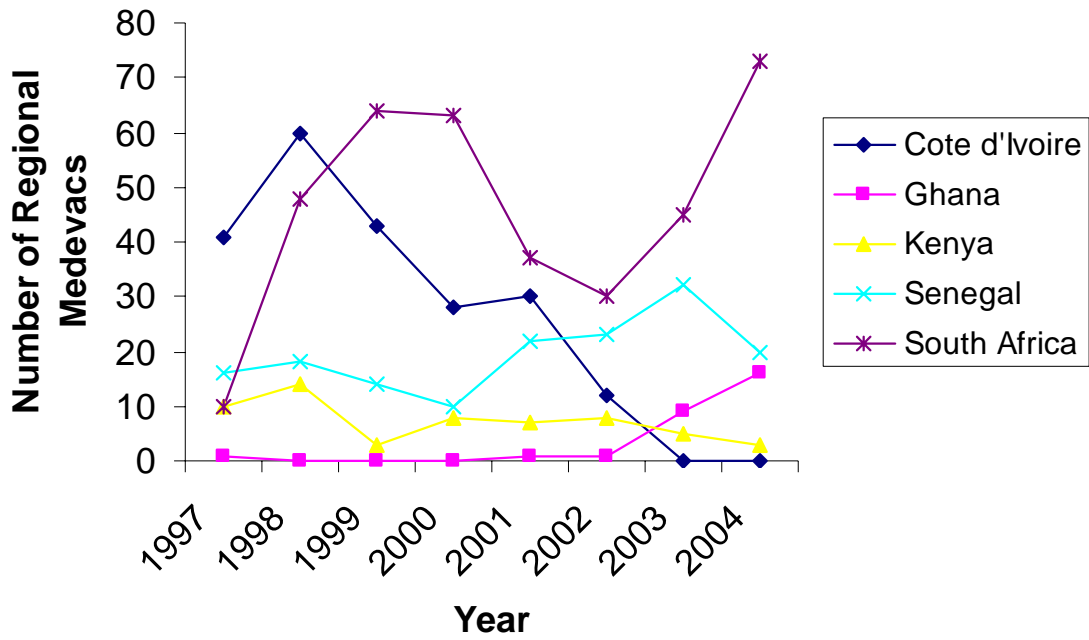
**Figure 1: Incidence of Medical Evacuations by Year**



**Figure 2: Incidence of Medical Evacuations by Region 2004**



**Figure 3: Country-Sponsored Medevacs in Africa by Site and Year**



**Figure 4: Incidence of Dental Problems by Year**

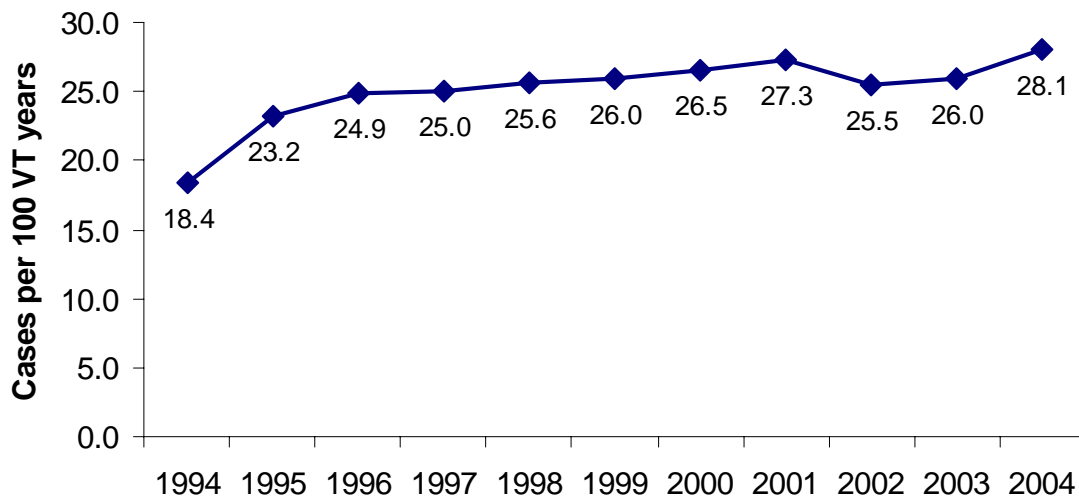


Figure 5: Highest Incidence of Dental Problems in 2004

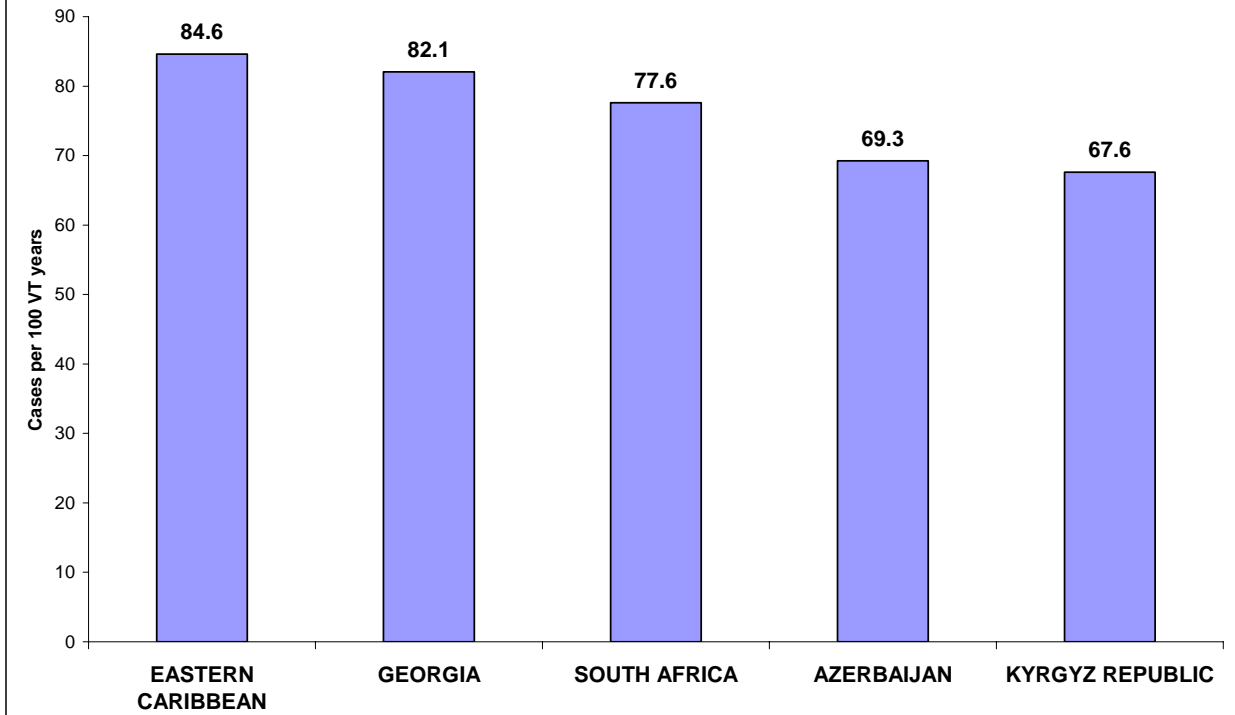
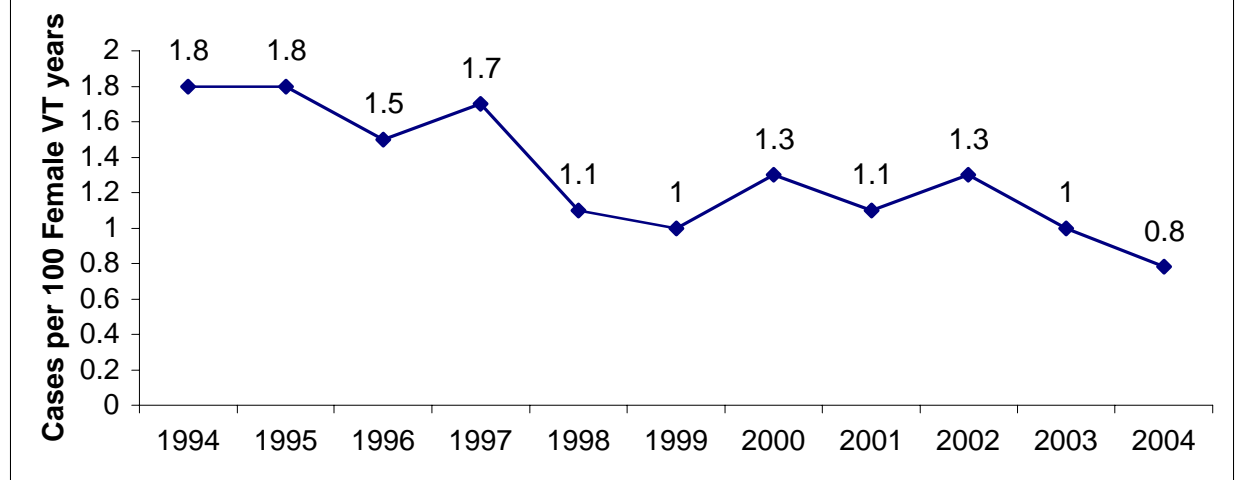
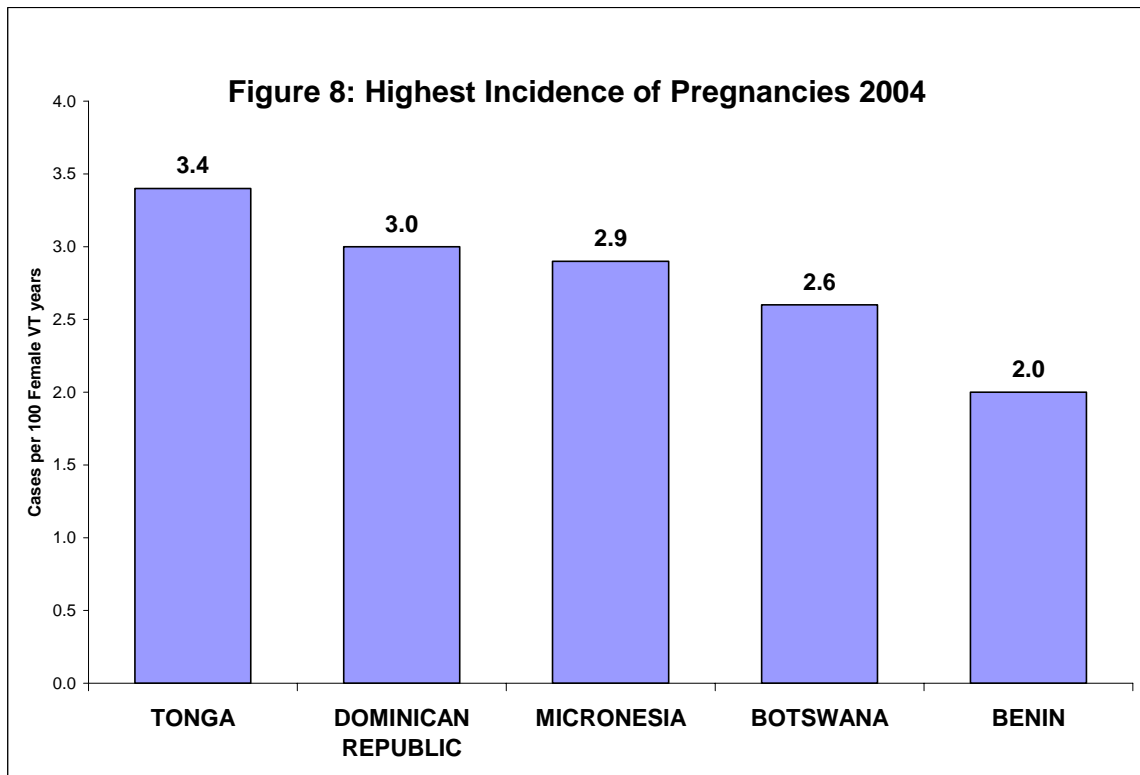
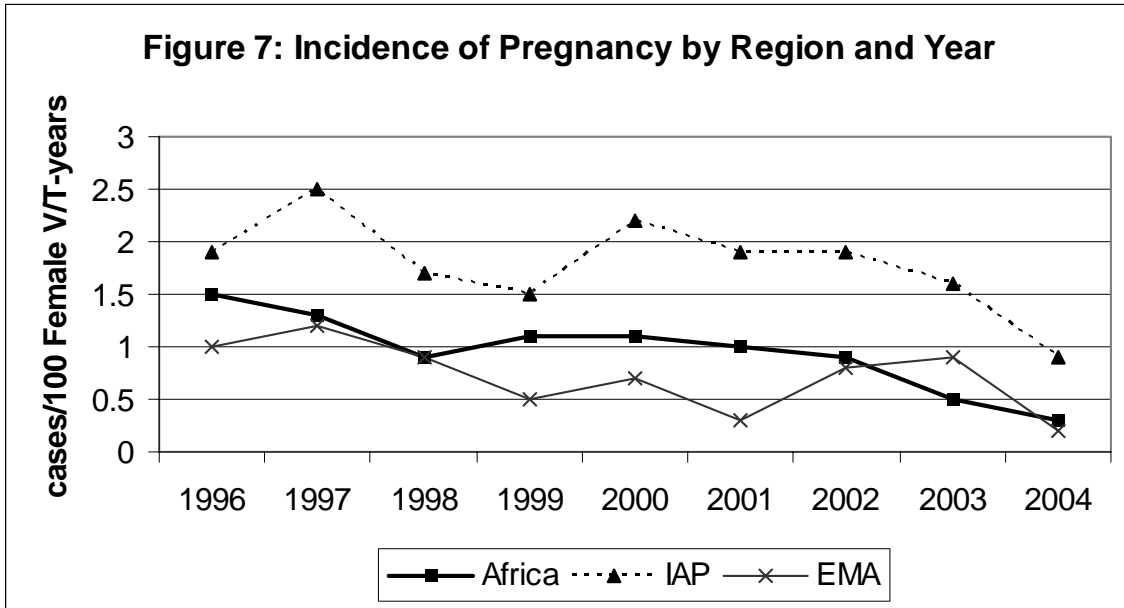
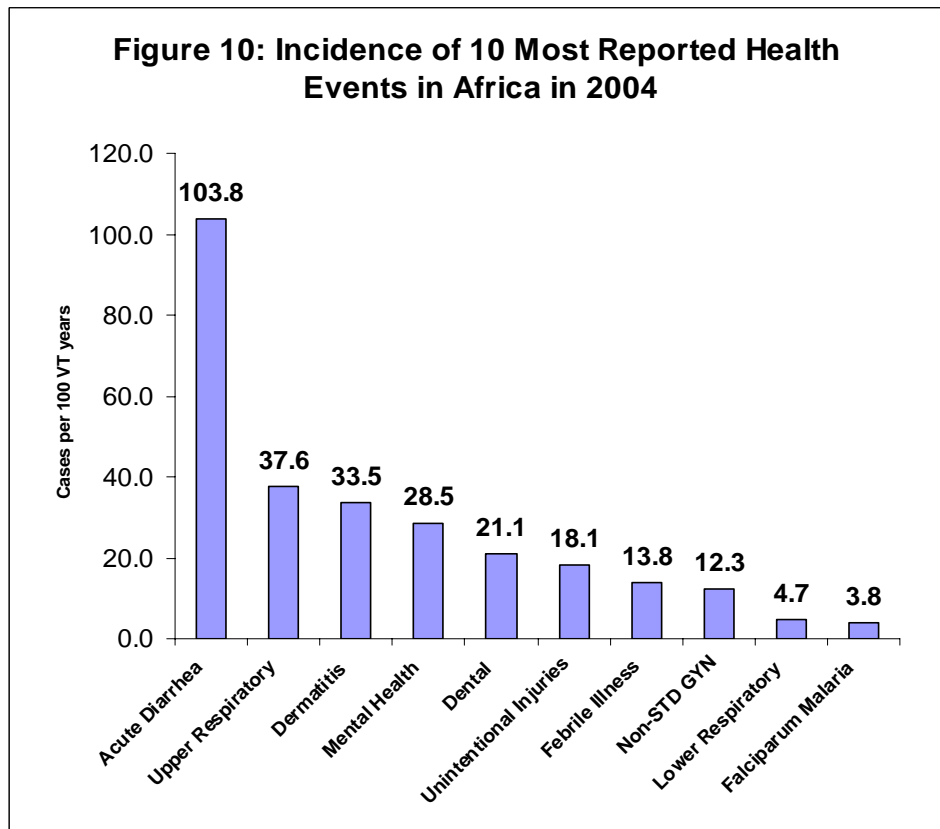
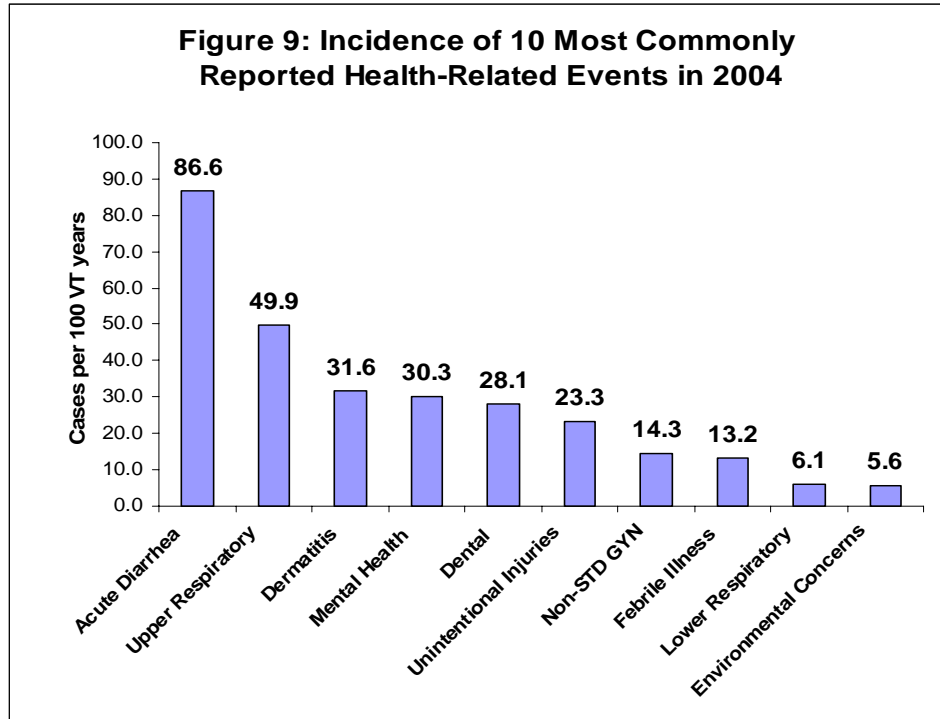


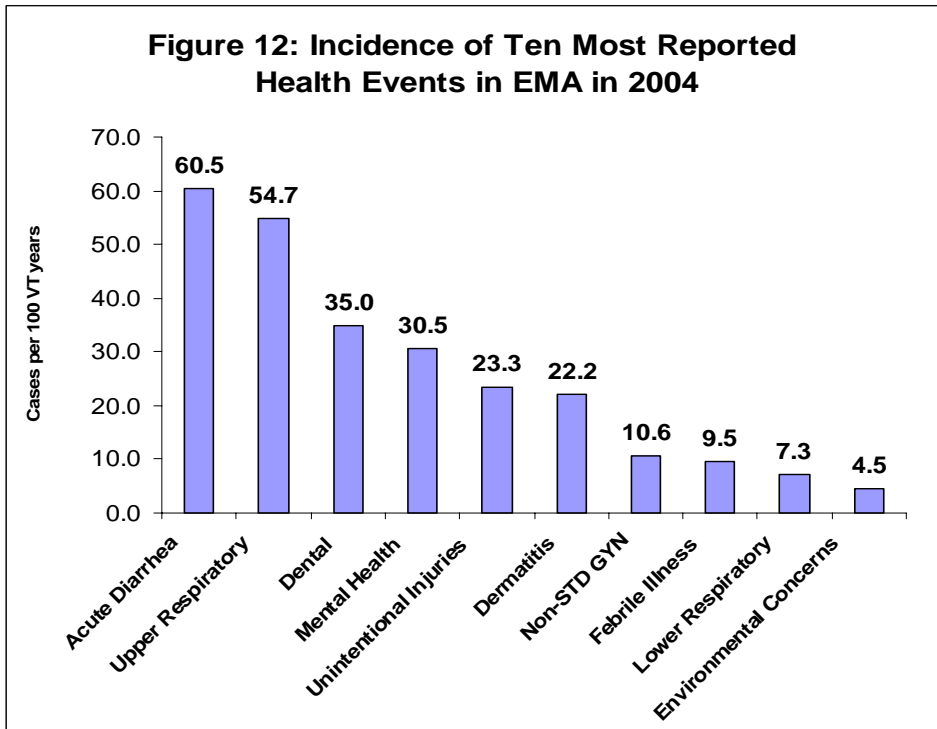
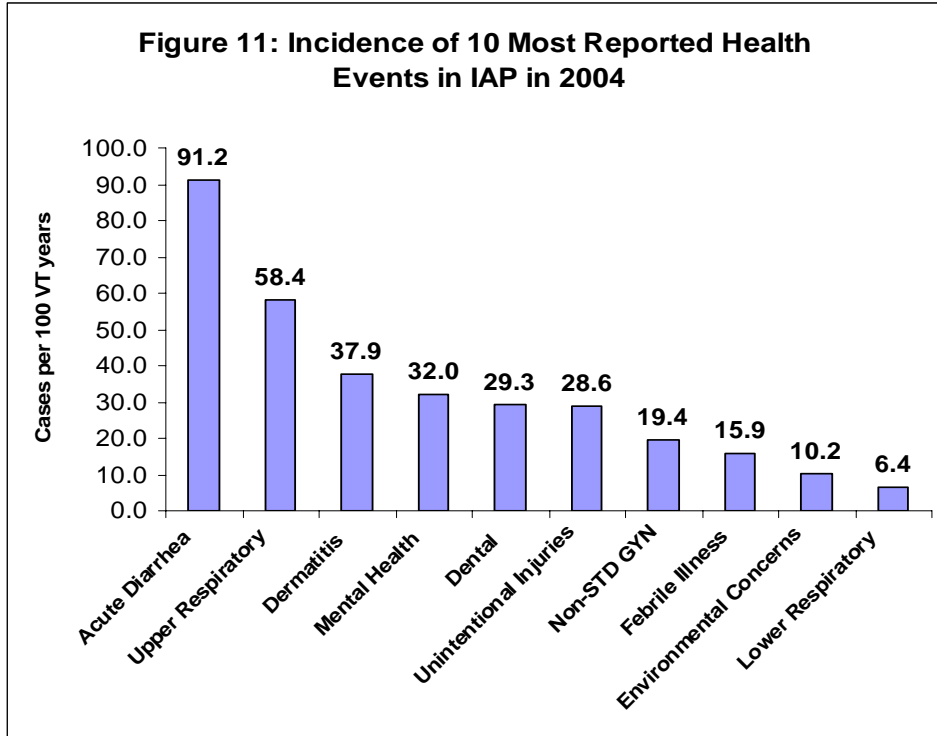
Figure 6: Incidence of Pregnancy by Year



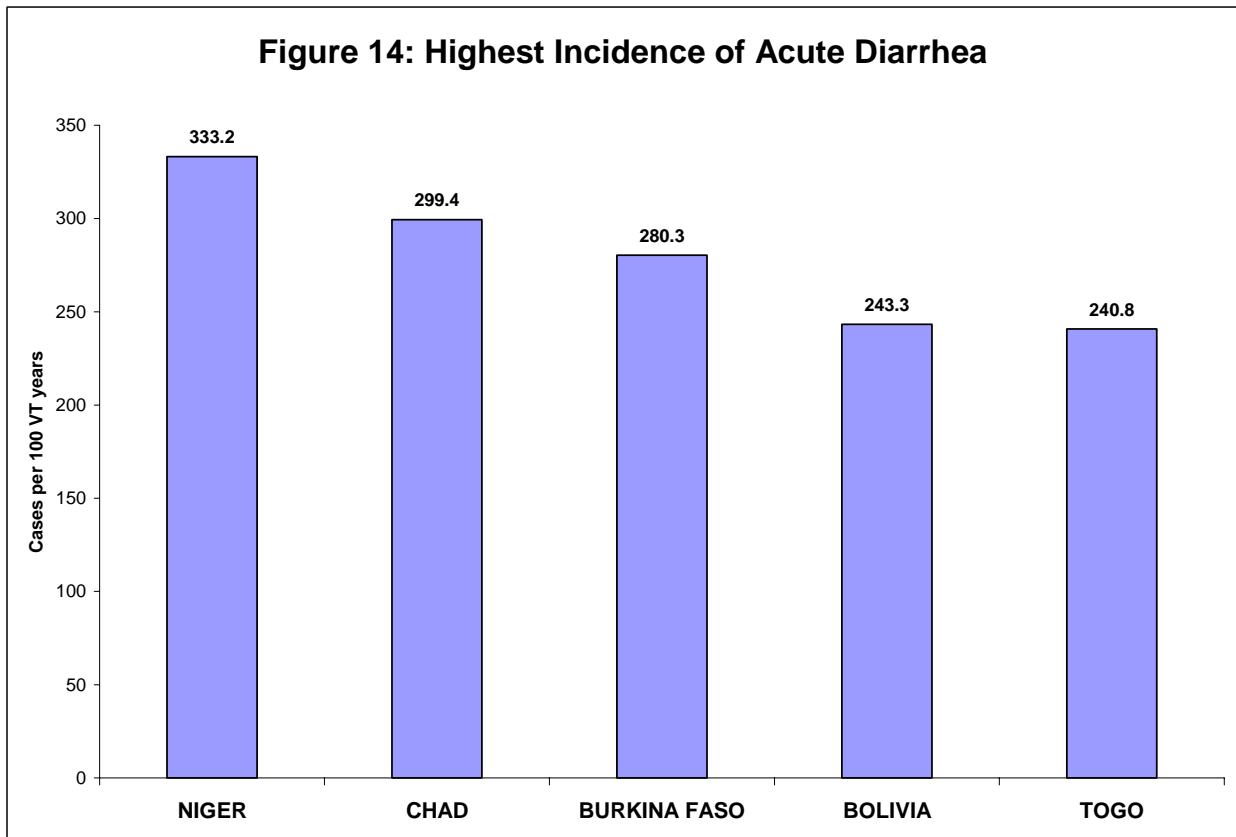
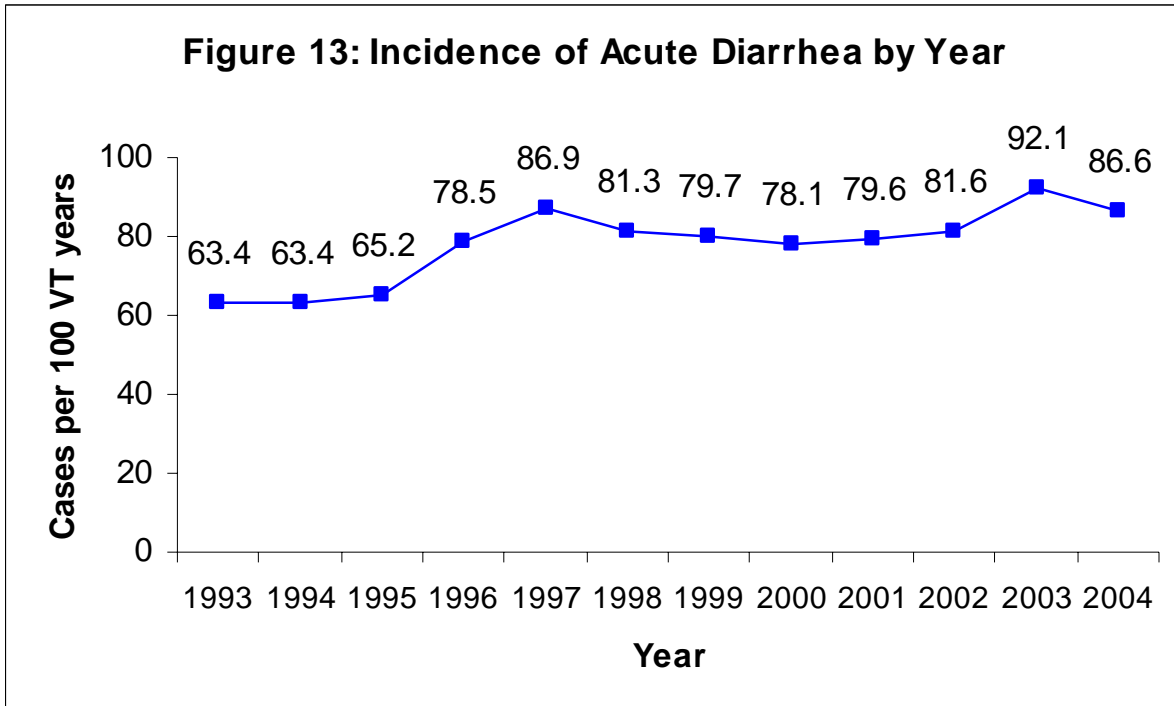


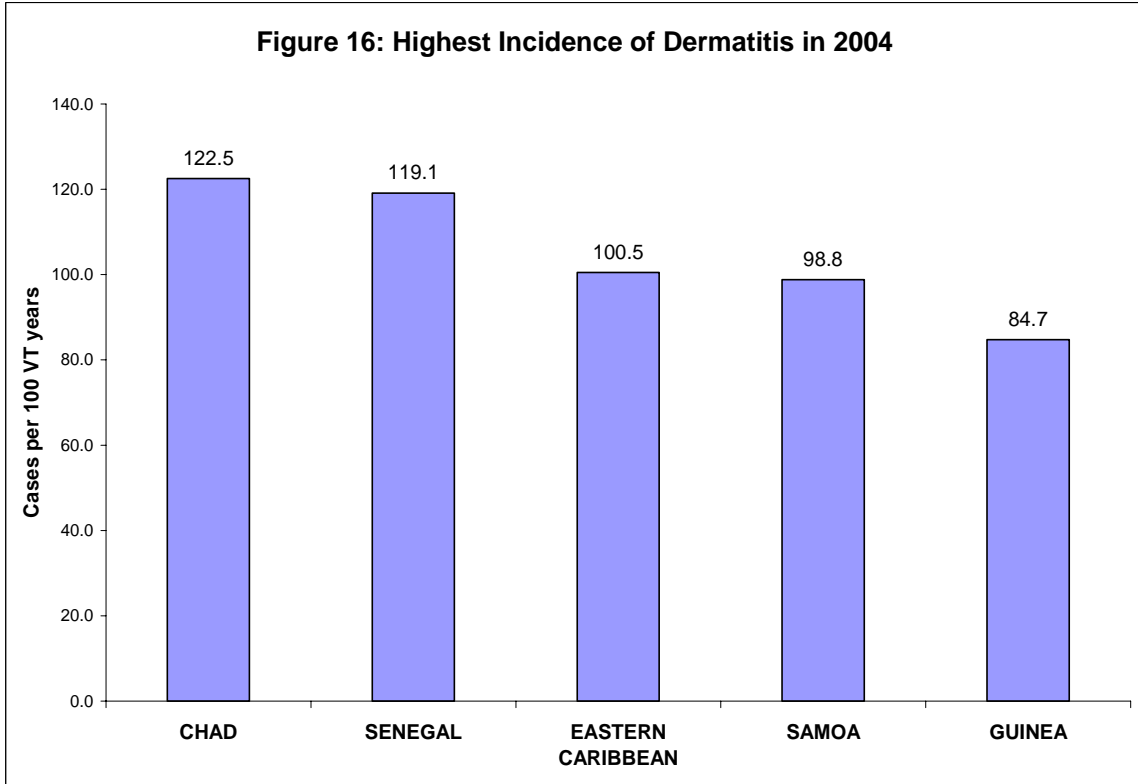
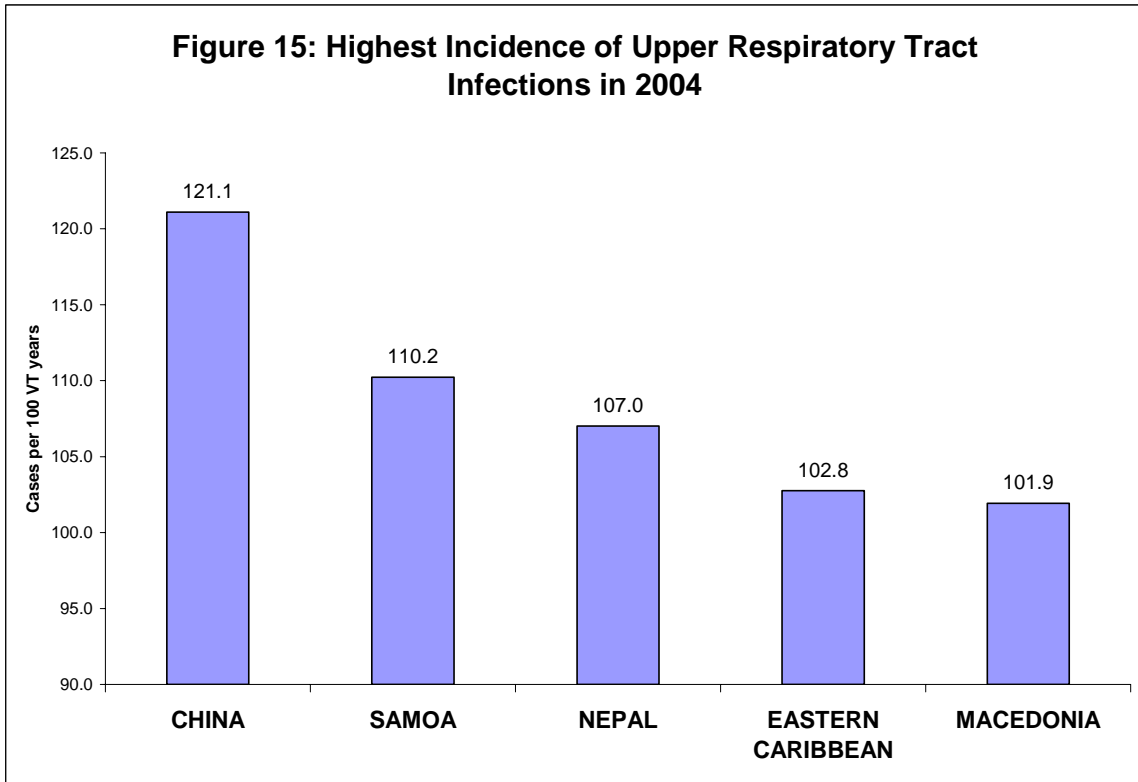


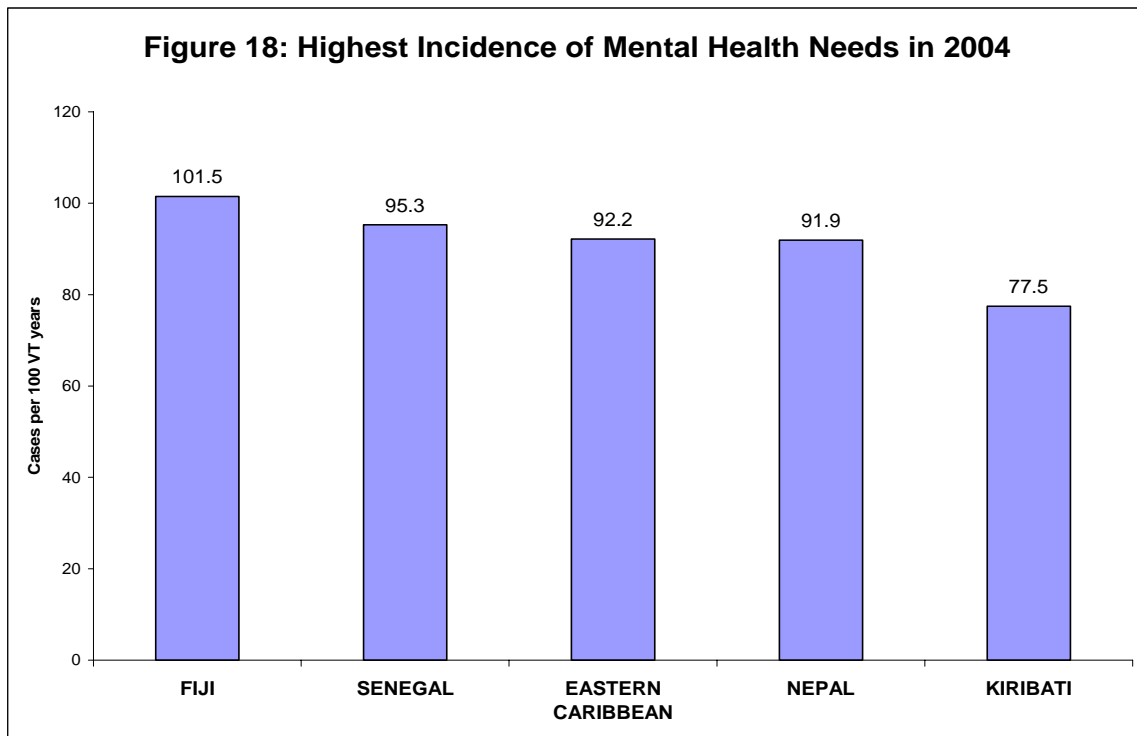
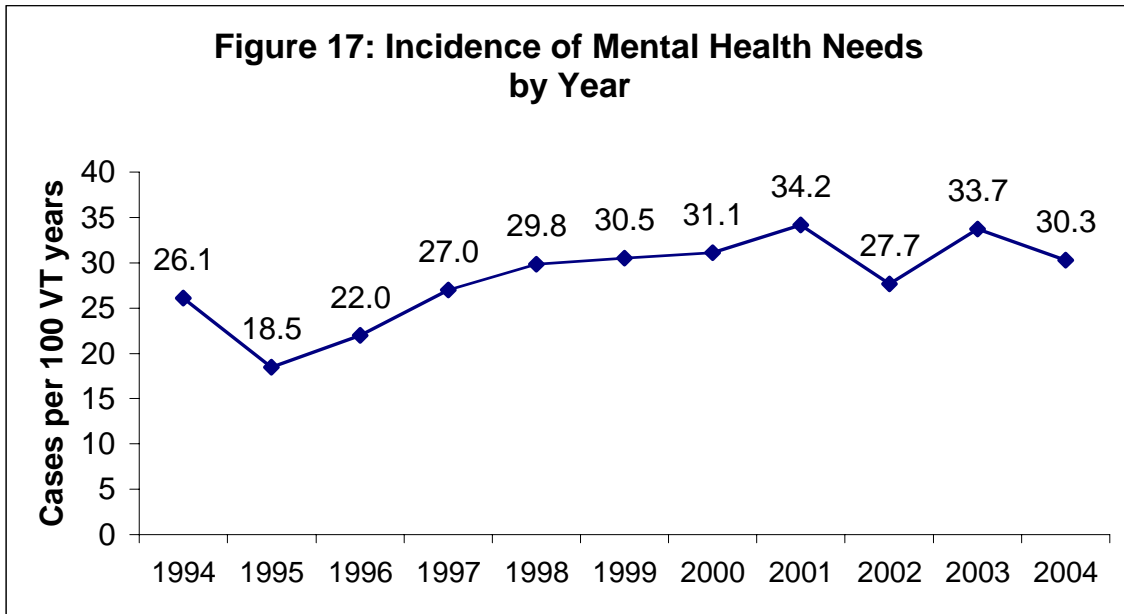
Health of the Volunteer 2004  
Appendix B

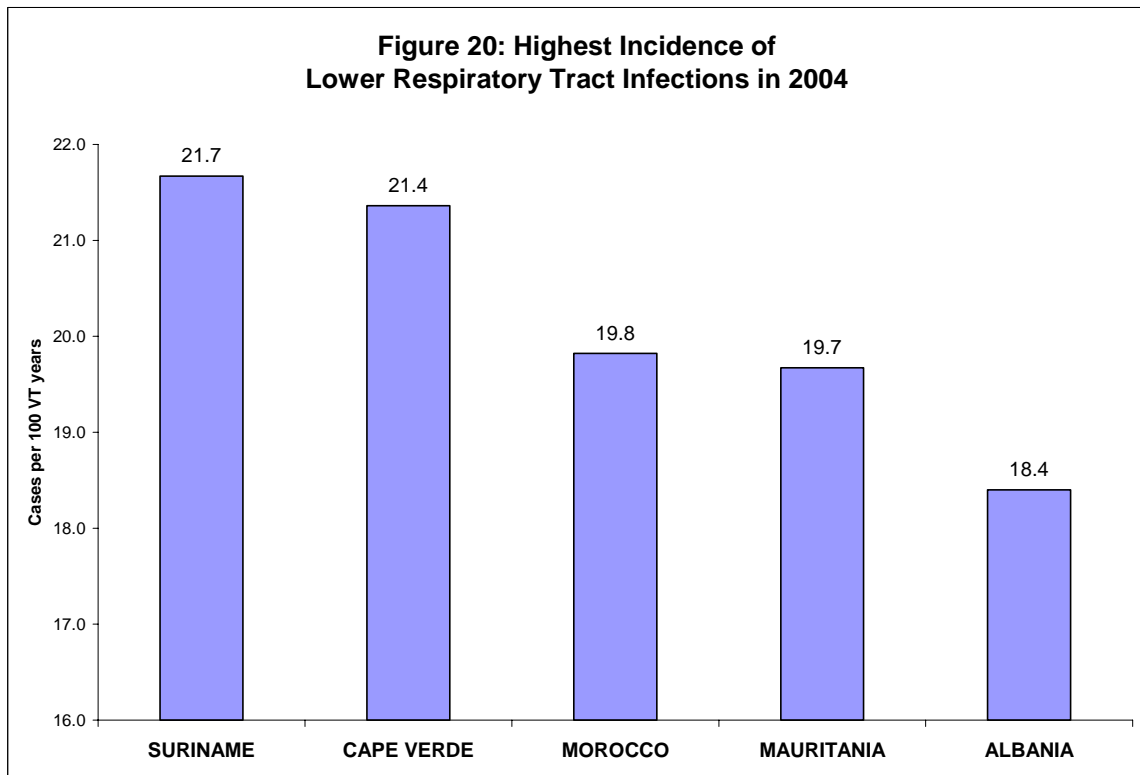
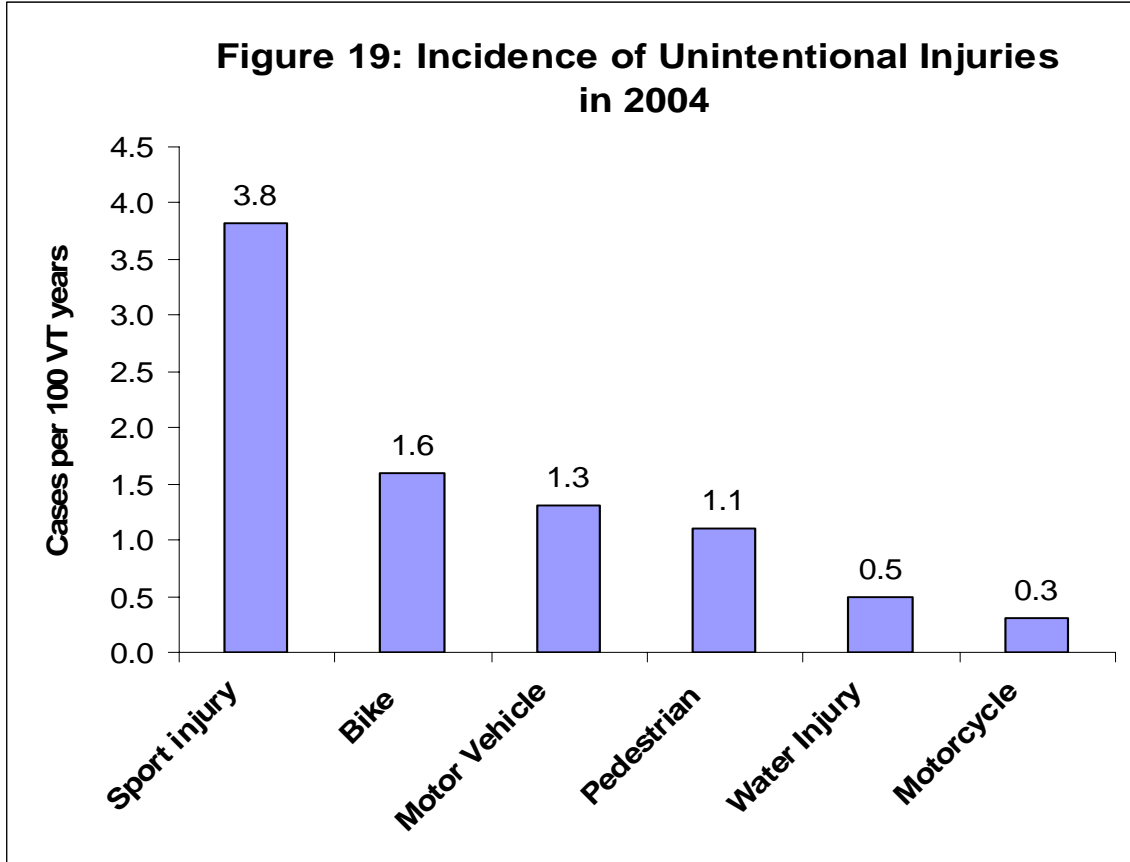




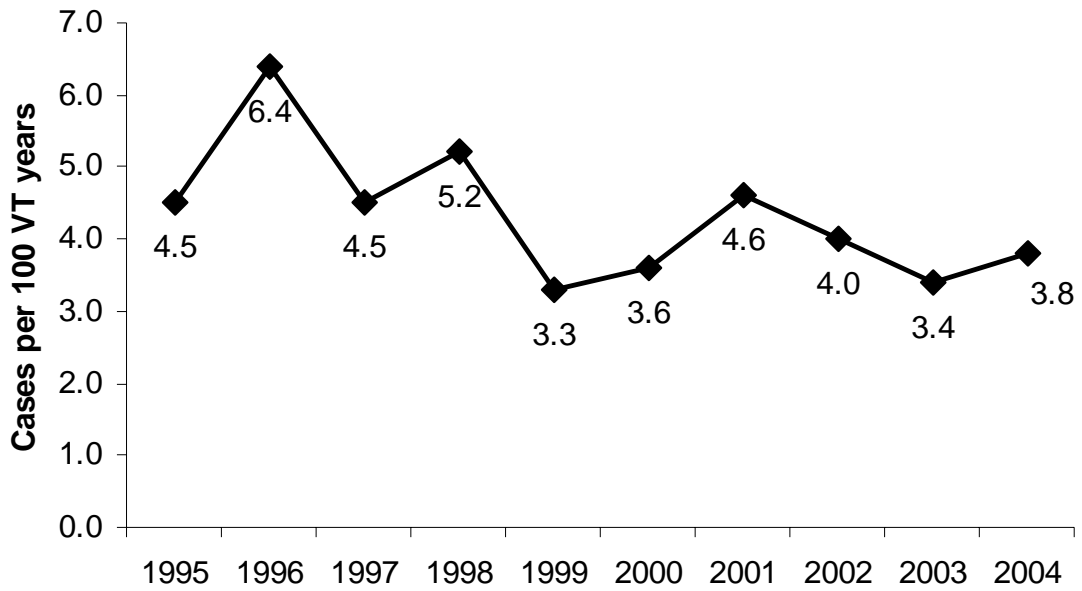




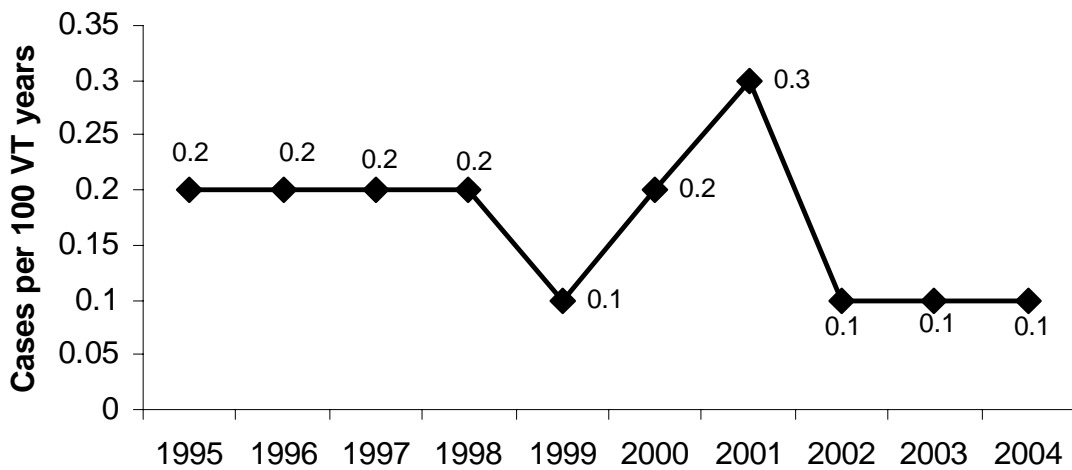


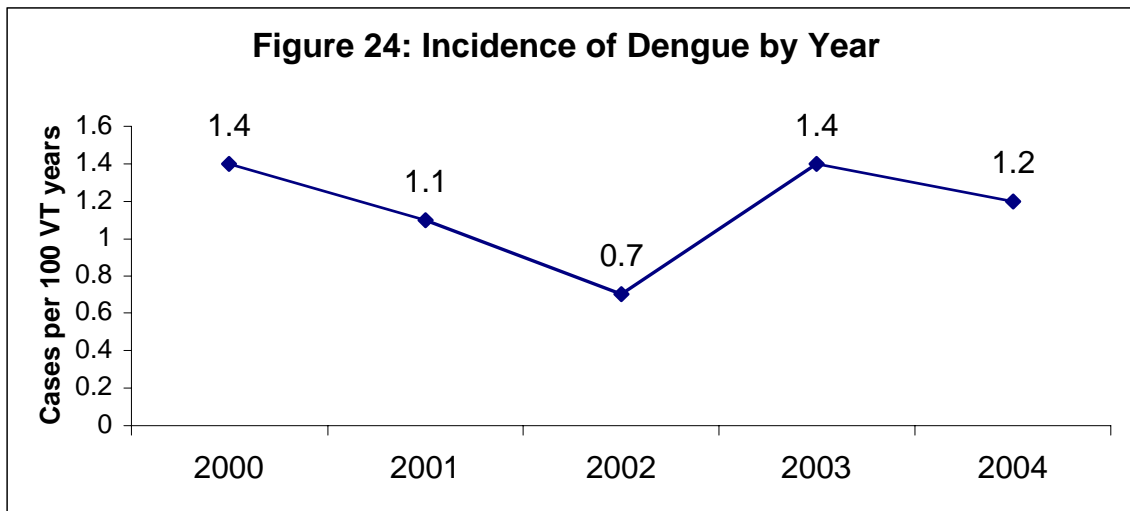
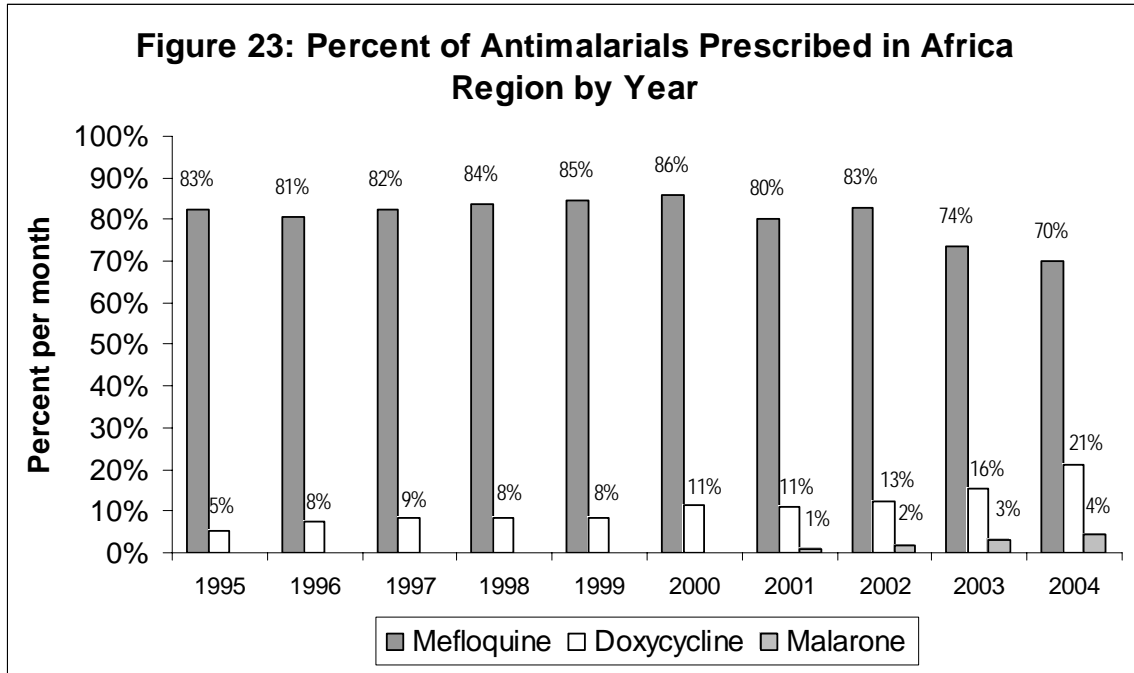


**Figure 21: Incidence of Falciparum Malaria  
in Africa Region by Year**

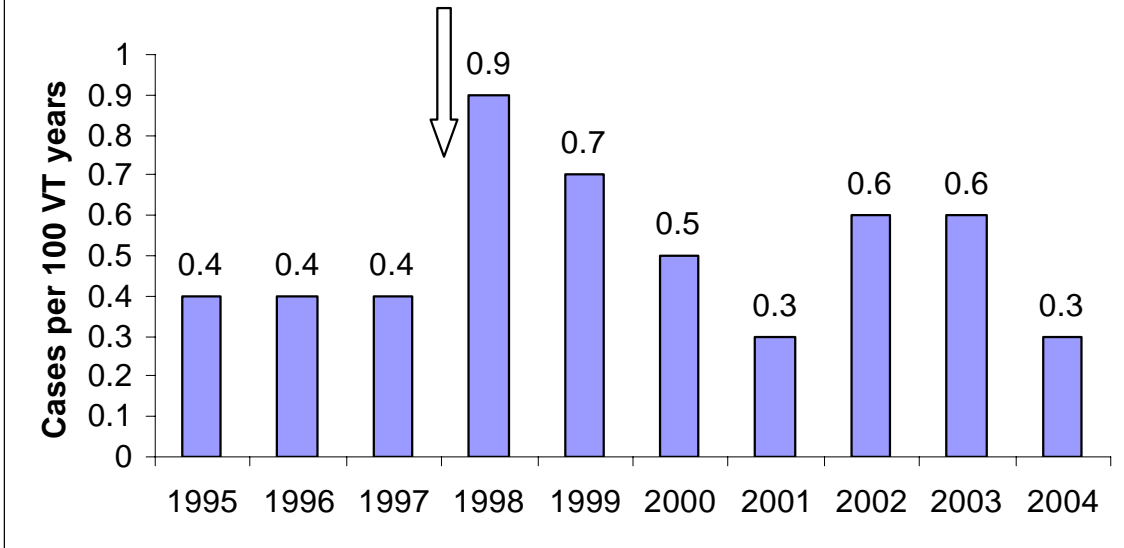


**Figure 22: Incidence of Non-Falciparum Malaria**

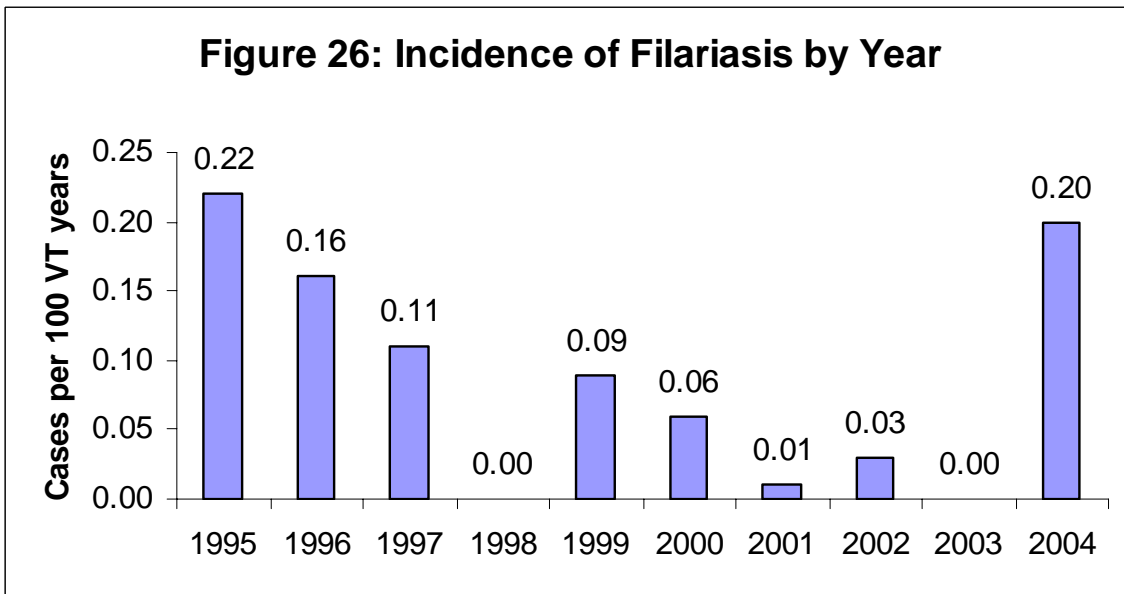


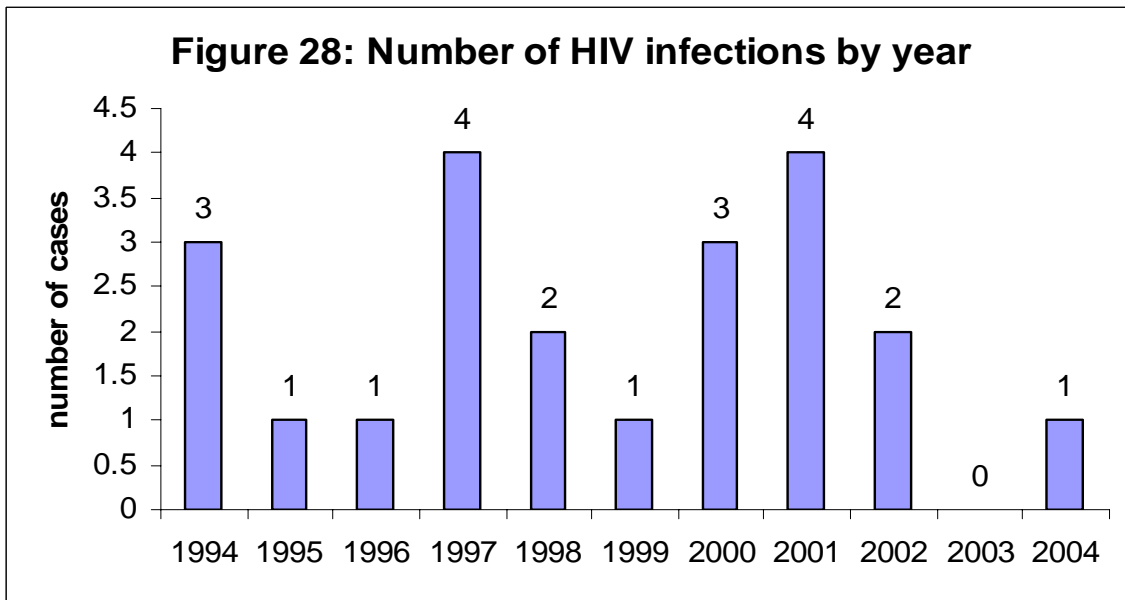
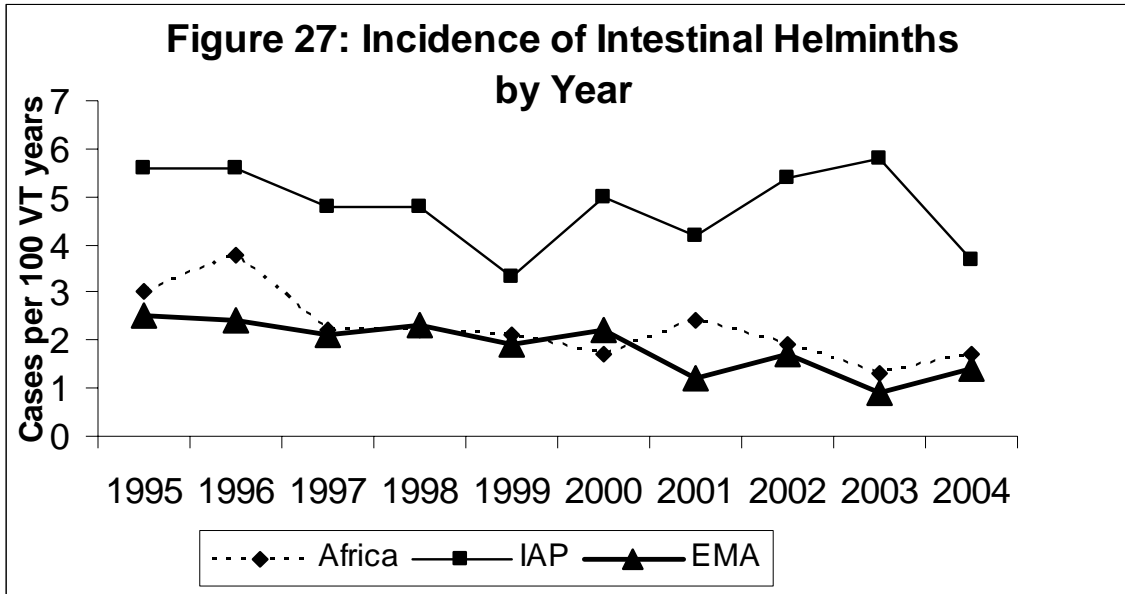


**Figure 25: Incidence of Schistosomiasis by Year**

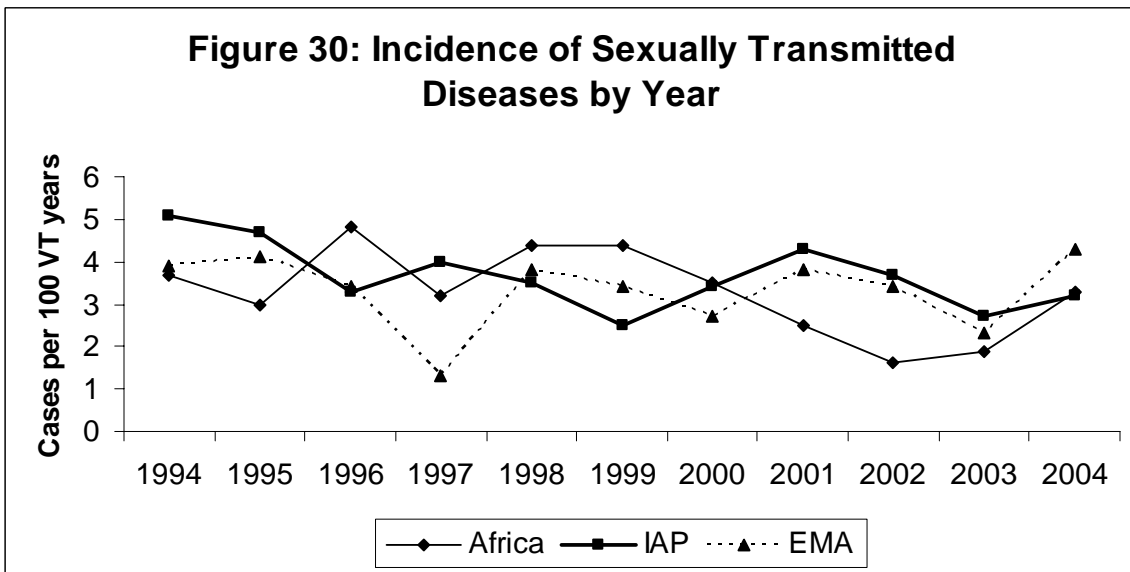
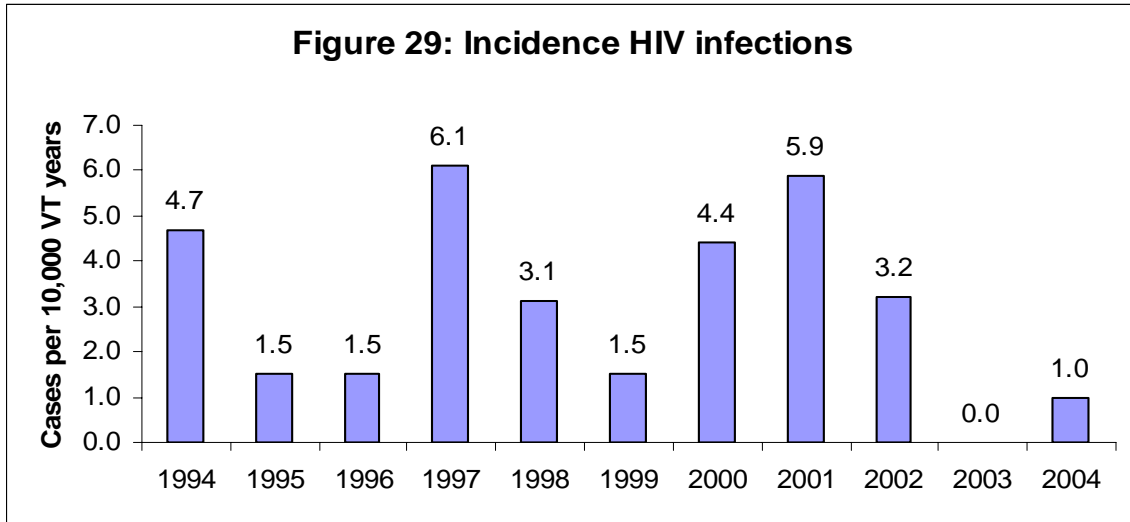


**Figure 26: Incidence of Filariasis by Year**

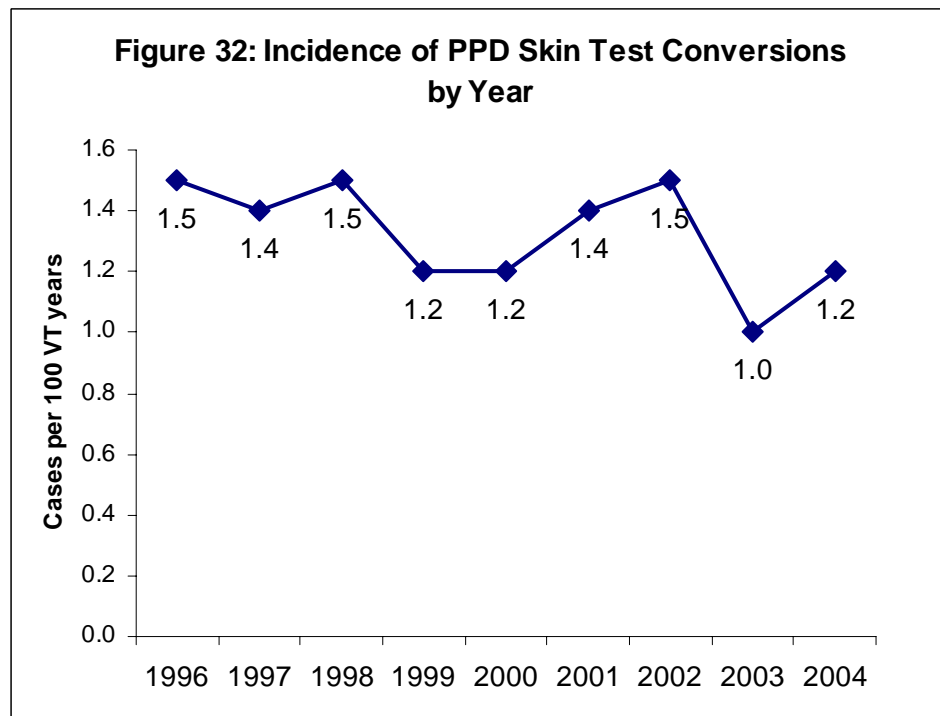
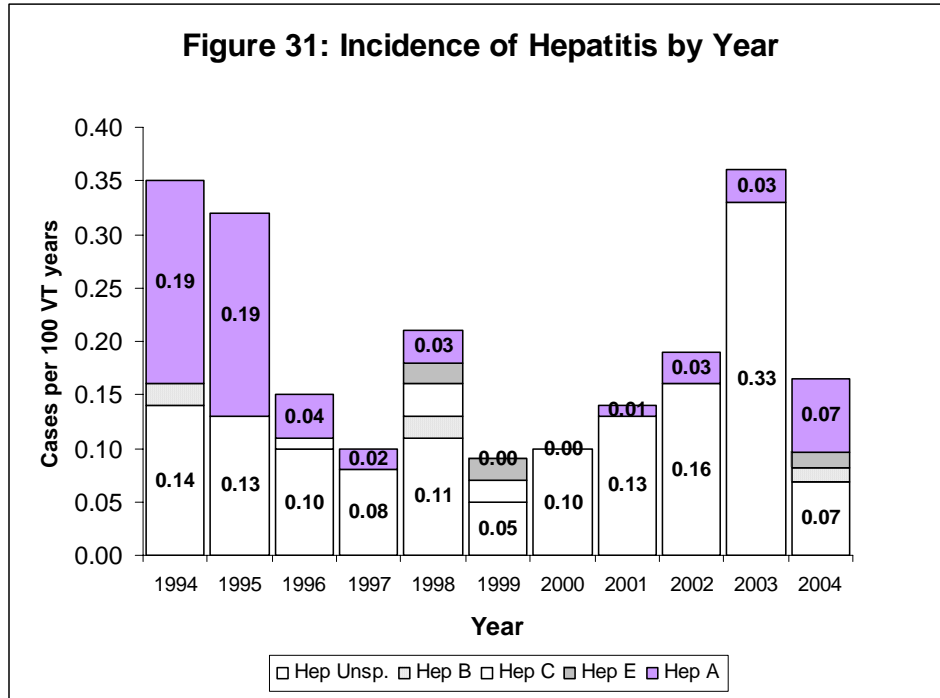




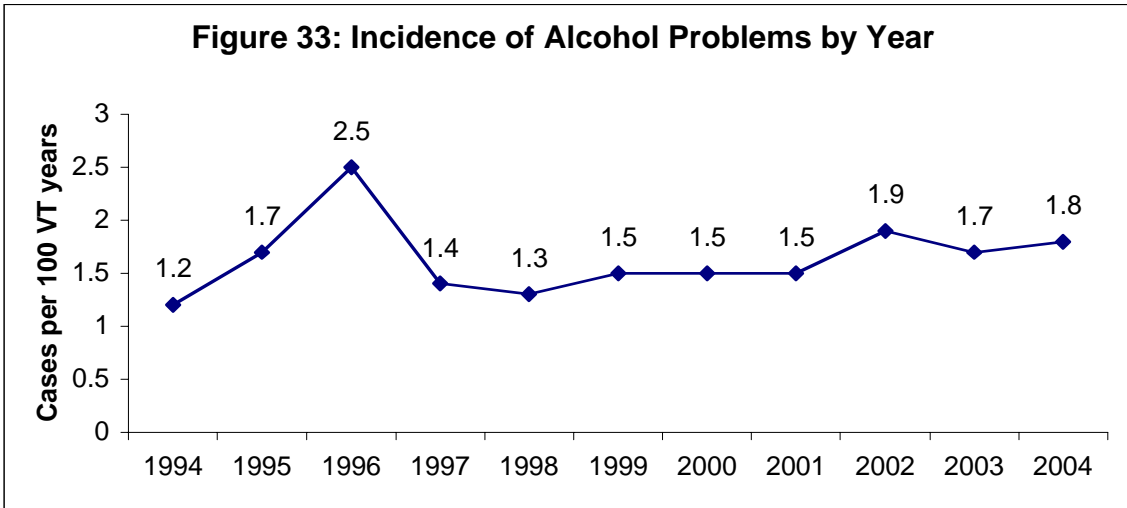




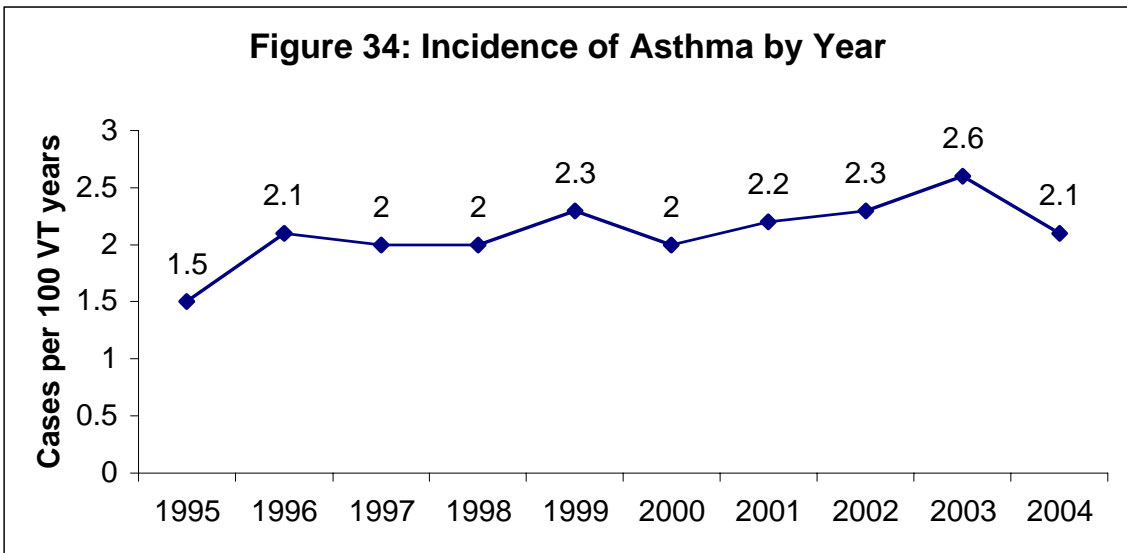
Health of the Volunteer 2004  
Appendix B



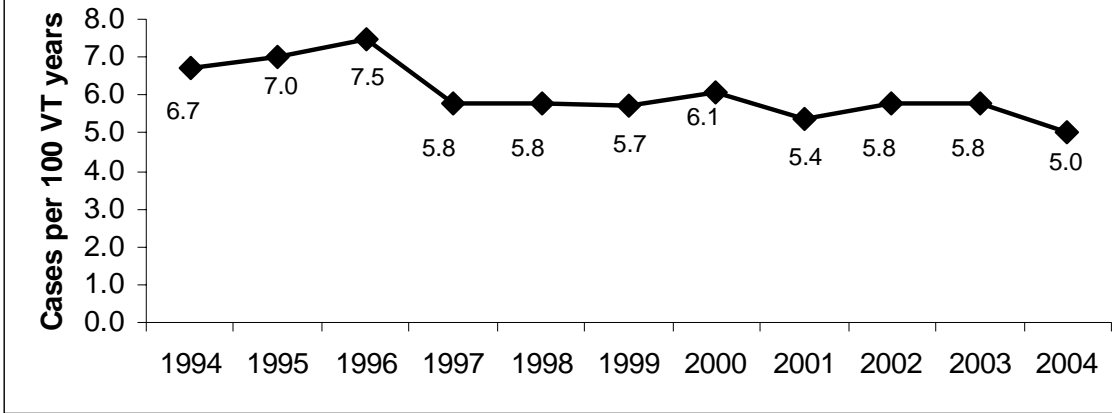
**Figure 33: Incidence of Alcohol Problems by Year**



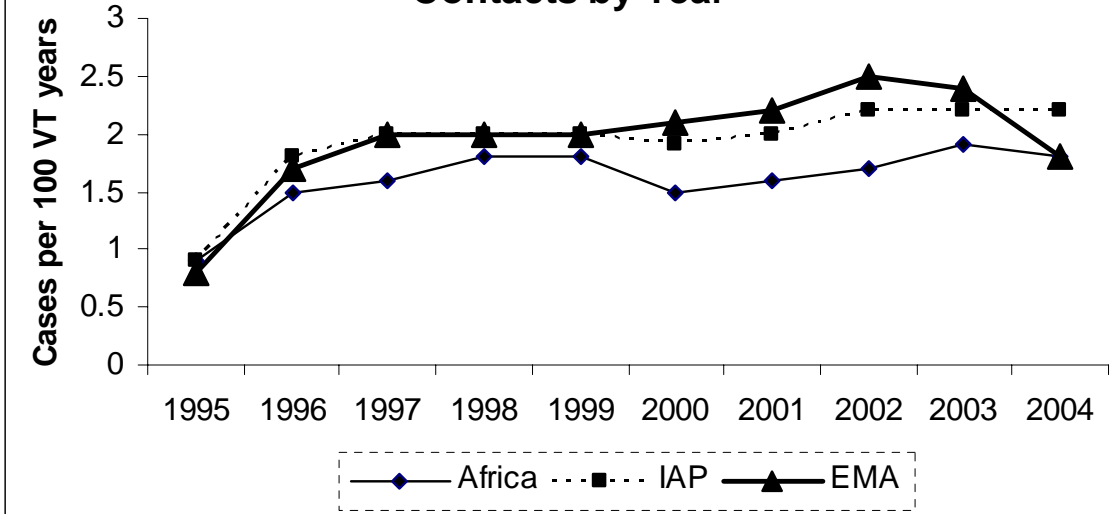
**Figure 34: Incidence of Asthma by Year**

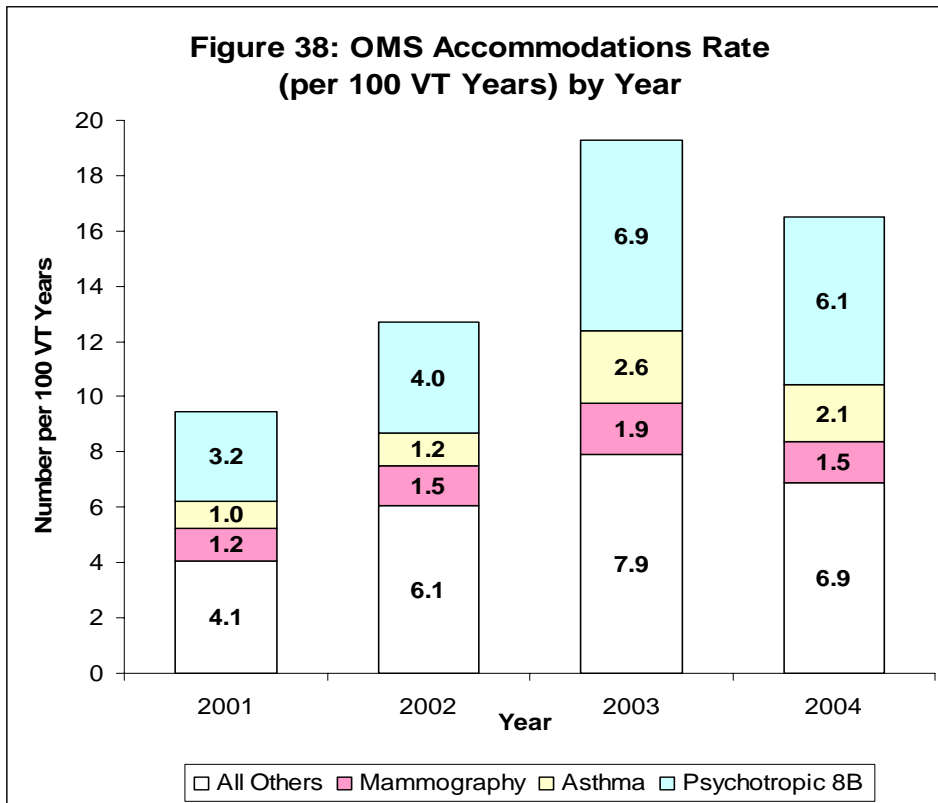
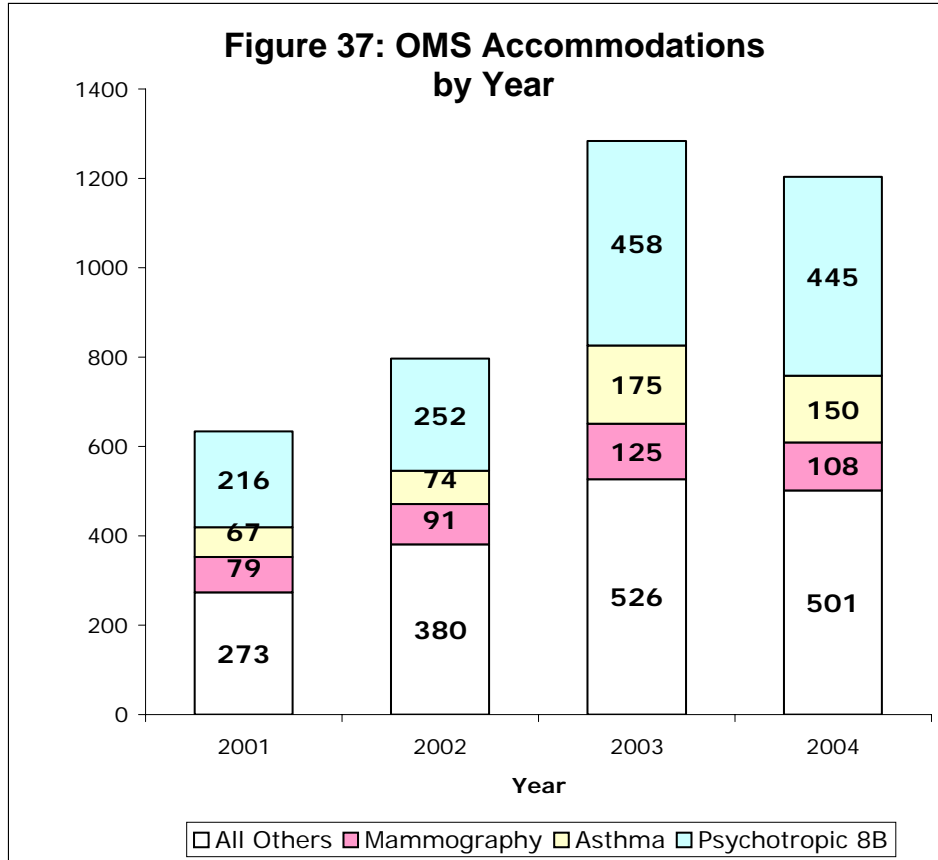


**Figure 35: Incidence of In-Country Hospitalization by Year**



**Figure 36: Incidence of Monthly PCMO-PCV Contacts by Year**





Country	ESS Reports	VT years in 2004	Alcohol		Cardiovascular		Dengue	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	1	1.0	0	0.0	0	0.0
BOTSWANA	12	39	0	0.0	0	0.0	0	0.0
BURKINA FASO	12	95	1	1.0	0	0.0	0	0.0
CAMEROON	12	132	2	1.5	0	0.0	0	0.0
CAPE VERDE	12	42	1	2.4	1	2.4	0	0.0
CHAD	12	22	0	0.0	0	0.0	0	0.0
GABON	12	45	0	0.0	0	0.0	0	0.0
GAMBIA	12	97	0	0.0	0	0.0	0	0.0
GHANA	12	138	1	0.7	0	0.0	0	0.0
GUINEA	12	100	0	0.0	1	1.0	0	0.0
KENYA	12	160	1	0.6	0	0.0	0	0.0
LESOTHO	12	102	2	2.0	0	0.0	0	0.0
MADAGASCAR	12	120	2	1.7	10	8.3	0	0.0
MALAWI	12	110	3	2.7	0	0.0	0	0.0
MALI	12	181	2	1.1	0	0.0	0	0.0
MAURITANIA	12	81	0	0.0	0	0.0	1	1.2
MOZAMBIQUE	12	82	2	2.4	5	6.1	0	0.0
NAMIBIA	12	101	0	0.0	1	1.0	0	0.0
NIGER	12	119	0	0.0	0	0.0	0	0.0
SENEGAL	12	139	5	3.6	5	3.6	0	0.0
SOUTH AFRICA	12	113	2	1.8	1	0.9	0	0.0
SWAZILAND	12	35	0	0.0	0	0.0	0	0.0
TANZANIA	12	152	0	0.0	0	0.0	0	0.0
TOGO	12	110	14	12.8	2	1.8	0	0.0
UGANDA	12	47	0	0.0	0	0.0	0	0.0
ZAMBIA	12	142	1	0.7	0	0.0	0	0.0
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>40</b>	<b>1.5</b>	<b>26</b>	<b>1.0</b>	<b>1</b>	<b>0.0</b>
ALBANIA	12	49	0	0.0	1	2.0	0	0.0
ARMENIA	12	88	0	0.0	0	0.0	0	0.0
AZERBAIJAN	12	38	0	0.0	0	0.0	3	8.0
BANGLADESH	12	78	1	1.3	2	2.5	0	0.0
BULGARIA	12	166	8	4.8	3	1.8	0	0.0
CHINA	6	21	1	4.8	1	4.8	0	0.0
GEORGIA	12	46	0	0.0	0	0.0	0	0.0
JORDAN	11	28	0	0.0	0	0.0	0	0.0
KAZAKHSTAN	12	135	4	3.0	3	2.2	0	0.0
KYRGYZ REPUBLIC	12	121	3	2.5	3	2.5	0	0.0
MACEDONIA	12	49	2	4.1	6	12.2	0	0.0
MOLDOVA	12	123	2	1.6	1	0.8	0	0.0
MONGOLIA	12	91	9	9.9	0	0.0	0	0.0
MOROCCO	12	101	0	0.0	2	2.0	0	0.0
NEPAL	9	73	0	0.0	6	8.2	0	0.0
PHILIPPINES	12	140	2	1.4	9	6.4	3	2.1
ROMANIA	12	188	3	1.6	5	2.7	0	0.0
THAILAND	12	98	0	0.0	5	5.1	2	2.0
TURKMENISTAN	12	85	0	0.0	0	0.0	0	0.0
UKRAINE	12	301	6	2.0	15	5.0	0	0.0
UZBEKISTAN	12	158	14	8.9	1	0.6	0	0.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>55</b>	<b>2.5</b>	<b>63</b>	<b>2.9</b>	<b>8</b>	<b>0.4</b>
BELIZE	12	68	0	0.0	0	0.0	0	0.0
BOLIVIA	12	153	0	0.0	0	0.0	1	0.7
COSTA RICA	12	67	8	12.0	2	3.0	2	3.0
DOMINICAN REPUBLIC	12	166	0	0.0	0	0.0	11	6.6
EAST TIMOR	12	23	2	8.7	0	0.0	5	21.8
EASTERN CARIBBEAN	12	132	10	7.6	0	0.0	0	0.0
ECUADOR	12	158	1	0.6	3	1.9	3	1.9
EL SALVADOR	12	116	0	0.0	1	0.9	7	6.0
FIJI	12	34	0	0.0	0	0.0	0	0.0
GUATEMALA	12	204	2	1.0	1	0.5	1	0.5
GUYANA	12	65	0	0.0	0	0.0	0	0.0
HAITI	7	15	0	0.0	0	0.0	1	6.9
HONDURAS	12	239	0	0.0	0	0.0	9	3.8
JAMAICA	12	118	4	3.4	0	0.0	0	0.0
KIRIBATI	12	43	0	0.0	1	2.3	3	7.0
MEXICO	3	3	0	0.0	4	136.5	0	0.0
MICRONESIA	12	70	0	0.0	0	0.0	8	11.5
NICARAGUA	12	179	1	0.6	1	0.6	17	9.5
PANAMA	12	147	1	0.7	0	0.0	0	0.0
PARAGUAY	12	200	0	0.0	1	0.5	0	0.0
PERU	12	74	1	1.3	2	2.7	0	0.0
SAMOA	12	53	2	3.8	0	0.0	0	0.0
SURINAME	12	51	0	0.0	0	0.0	2	3.9
TONGA	12	58	0	0.0	0	0.0	7	12.0
VANUATU	12	76	2	2.6	1	1.3	0	0.0
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>34</b>	<b>1.4</b>	<b>17</b>	<b>0.7</b>	<b>77</b>	<b>3.1</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>129</b>	<b>1.8</b>	<b>106</b>	<b>1.5</b>	<b>86</b>	<b>1.2</b>

Country	ESS Reports	VT years in 2004	Dental Problems		Dermatitis		Environmental Concerns	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	15	15.1	30	30.2	0	0.0
BOTSWANA	12	39	21	54.3	3	7.8	2	5.2
BURKINA FASO	12	95	22	23.1	41	43.0	0	0.0
CAMEROON	12	132	24	18.1	41	31.0	0	0.0
CAPE VERDE	12	42	2	4.7	16	38.0	0	0.0
CHAD	12	22	5	22.7	27	122.5	9	40.8
GABON	12	45	14	31.1	6	13.3	0	0.0
GAMBIA	12	97	16	16.5	39	40.1	0	0.0
GHANA	12	138	16	11.6	23	16.7	0	0.0
GUINEA	12	100	39	38.9	85	84.7	0	0.0
KENYA	12	160	23	14.4	21	13.1	0	0.0
LESOTHO	12	102	30	29.4	3	2.9	4	3.9
MADAGASCAR	12	120	19	15.8	54	45.0	1	0.8
MALAWI	12	110	0	0.0	17	15.5	0	0.0
MALI	12	181	29	16.0	49	27.1	0	0.0
MAURITANIA	12	81	4	4.9	20	24.6	0	0.0
MOZAMBIQUE	12	82	20	24.5	34	41.6	22	26.9
NAMIBIA	12	101	13	12.9	11	10.9	0	0.0
NIGER	12	119	24	20.2	68	57.4	0	0.0
SENEGAL	12	139	40	28.9	165	119.1	13	9.4
SOUTH AFRICA	12	113	88	77.6	15	13.2	3	2.6
SWAZILAND	12	35	4	11.3	15	42.4	3	8.5
TANZANIA	12	152	19	12.5	50	32.9	0	0.0
TOGO	12	110	22	20.1	15	13.7	0	0.0
UGANDA	12	47	23	48.5	21	44.3	0	0.0
ZAMBIA	12	142	18	12.7	2	1.4	0	0.0
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>550</b>	<b>21.1</b>	<b>871</b>	<b>33.5</b>	<b>57</b>	<b>2.2</b>
ALBANIA	12	49	25	51.0	0	0.0	0	0.0
ARMENIA	12	88	14	16.0	0	0.0	11	12.6
AZERBAIJAN	12	38	26	69.3	5	13.3	3	8.0
BANGLADESH	12	78	27	34.4	19	24.2	8	10.2
BULGARIA	12	166	56	33.6	9	5.4	8	4.8
CHINA	6	21	2	9.7	9	43.6	0	0.0
GEORGIA	12	46	38	82.1	7	15.1	3	6.5
JORDAN	11	28	6	21.7	2	7.2	1	3.6
KAZAKHSTAN	12	135	37	27.5	26	19.3	0	0.0
KYRGYZ REPUBLIC	12	121	82	67.6	25	20.6	15	12.4
MACEDONIA	12	49	16	32.6	6	12.2	2	4.1
MOLDOVA	12	123	31	25.1	29	23.5	0	0.0
MONGOLIA	12	91	27	29.8	3	3.3	0	0.0
MOROCCO	12	101	42	41.6	61	60.5	0	0.0
NEPAL	9	73	30	41.2	56	76.8	0	0.0
PHILIPPINES	12	140	41	29.3	65	46.4	0	0.0
ROMANIA	12	188	63	33.6	40	21.3	32	17.1
THAILAND	12	98	22	22.5	20	20.5	0	0.0
TURKMENISTAN	12	85	35	41.2	7	8.2	2	2.4
UKRAINE	12	301	52	17.3	78	25.9	10	3.3
UZBEKISTAN	12	158	89	56.3	15	9.5	2	1.3
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>761</b>	<b>35.0</b>	<b>482</b>	<b>22.2</b>	<b>97</b>	<b>4.5</b>
BELIZE	12	68	21	30.9	39	57.3	0	0.0
BOLIVIA	12	153	63	41.2	3	2.0	0	0.0
COSTA RICA	12	67	20	30.0	7	10.5	0	0.0
DOMINICAN REPUBLIC	12	166	41	24.7	67	40.3	5	3.0
EAST TIMOR	12	23	4	17.5	14	61.2	2	8.7
EASTERN CARIBBEAN	12	132	112	84.6	133	100.5	33	24.9
ECUADOR	12	158	49	31.1	51	32.4	9	5.7
EL SALVADOR	12	116	21	18.1	50	43.2	1	0.9
FIJI	12	34	10	29.0	14	40.6	0	0.0
GUATEMALA	12	204	50	24.5	71	34.8	8	3.9
GUYANA	12	65	12	18.5	13	20.0	2	3.1
HAITI	7	15	1	6.9	1	6.9	0	0.0
HONDURAS	12	239	65	27.1	68	28.4	43	18.0
JAMAICA	12	118	27	22.9	24	20.3	0	0.0
KIRIBATI	12	43	6	14.1	6	14.1	0	0.0
MEXICO	3	3	0	0.0	2	68.3	0	0.0
MICRONESIA	12	70	22	31.6	43	61.9	2	2.9
NICARAGUA	12	179	50	27.9	57	31.8	1	0.6
PANAMA	12	147	29	19.7	112	76.3	0	0.0
PARAGUAY	12	200	55	27.5	51	25.5	35	17.5
PERU	12	74	8	10.7	0	0.0	3	4.0
SAMOA	12	53	12	22.8	52	98.8	40	76.0
SURINAME	12	51	24	47.3	28	55.2	0	0.0
TONGA	12	58	20	34.3	18	30.9	0	0.0
VANUATU	12	76	13	17.2	27	35.7	73	96.5
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>735</b>	<b>29.3</b>	<b>951</b>	<b>37.9</b>	<b>257</b>	<b>10.2</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>2046</b>	<b>28.1</b>	<b>2304</b>	<b>31.6</b>	<b>411</b>	<b>5.6</b>

Country	ESS Reports	VT years in 2004	Febrile Illness		Filariasis		Diarrhea	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	7	7.1	0	0.0	159	160.2
BOTSWANA	12	39	1	2.6	0	0.0	16	41.3
BURKINA FASO	12	95	6	6.3	0	0.0	267	280.3
CAMEROON	12	132	8	6.0	2	1.5	126	95.1
CAPE VERDE	12	42	0	0.0	0	0.0	20	47.5
CHAD	12	22	24	108.9	0	0.0	66	299.4
GABON	12	45	4	8.9	2	4.4	2	4.4
GAMBIA	12	97	8	8.2	0	0.0	47	48.4
GHANA	12	138	5	3.6	0	0.0	67	48.7
GUINEA	12	100	29	28.9	0	0.0	145	144.5
KENYA	12	160	15	9.4	0	0.0	74	46.3
LESOTHO	12	102	2	2.0	0	0.0	25	24.5
MADAGASCAR	12	120	13	10.8	0	0.0	64	53.3
MALAWI	12	110	6	5.5	0	0.0	101	92.1
MALI	12	181	19	10.5	0	0.0	222	122.8
MAURITANIA	12	81	10	12.3	0	0.0	129	158.6
MOZAMBIQUE	12	82	26	31.8	3	3.7	66	80.7
NAMIBIA	12	101	0	0.0	0	0.0	31	30.7
NIGER	12	119	34	28.7	0	0.0	395	333.2
SENEGAL	12	139	44	31.8	0	0.0	168	121.3
SOUTH AFRICA	12	113	23	20.3	0	0.0	26	22.9
SWAZILAND	12	35	1	2.8	0	0.0	41	115.8
TANZANIA	12	152	19	12.5	5	3.3	79	52.0
TOGO	12	110	44	40.1	0	0.0	264	240.8
UGANDA	12	47	5	10.5	0	0.0	72	151.8
ZAMBIA	12	142	5	3.5	0	0.0	47	33.2
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>358</b>	<b>13.8</b>	<b>12</b>	<b>0.5</b>	<b>2719</b>	<b>104.5</b>
ALBANIA	12	49	1	2.0	0	0.0	36	73.5
ARMENIA	12	88	67	76.5	0	0.0	122	139.2
AZERBAIJAN	12	38	5	13.3	0	0.0	27	71.9
BANGLADESH	12	78	26	33.1	0	0.0	97	123.6
BULGARIA	12	166	2	1.2	0	0.0	30	18.0
CHINA	6	21	0	0.0	0	0.0	11	53.3
GEORGIA	12	46	4	8.6	0	0.0	42	90.7
JORDAN	11	28	0	0.0	0	0.0	27	97.5
KAZAKHSTAN	12	135	0	0.0	0	0.0	49	36.4
KYRGYZ REPUBLIC	12	121	3	2.5	0	0.0	105	86.6
MACEDONIA	12	49	6	12.2	0	0.0	18	36.7
MOLDOVA	12	123	0	0.0	0	0.0	42	34.0
MONGOLIA	12	91	0	0.0	0	0.0	73	80.5
MOROCCO	12	101	22	21.8	0	0.0	95	94.2
NEPAL	9	73	15	20.6	0	0.0	142	194.8
PHILIPPINES	12	140	10	7.1	0	0.0	59	42.2
ROMANIA	12	188	9	4.8	0	0.0	121	64.5
THAILAND	12	98	7	7.2	0	0.0	19	19.5
TURKMENISTAN	12	85	5	5.9	0	0.0	44	51.8
UKRAINE	12	301	4	1.3	0	0.0	68	22.6
UZBEKISTAN	12	158	21	13.3	0	0.0	93	58.8
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>207</b>	<b>9.5</b>	<b>0</b>	<b>0.0</b>	<b>1320</b>	<b>60.7</b>
BELIZE	12	68	0	0.0	0	0.0	33	48.5
BOLIVIA	12	153	2	1.3	0	0.0	372	243.3
COSTA RICA	12	67	20	30.0	0	0.0	40	60.1
DOMINICAN REPUBLIC	12	166	55	33.1	0	0.0	132	79.5
EAST TIMOR	12	23	12	52.4	0	0.0	42	183.5
EASTERN CARIBBEAN	12	132	89	67.2	0	0.0	110	83.1
ECUADOR	12	158	21	13.3	0	0.0	187	118.6
EL SALVADOR	12	116	15	13.0	0	0.0	194	167.6
FIJI	12	34	5	14.5	0	0.0	13	37.7
GUATEMALA	12	204	19	9.3	0	0.0	174	85.4
GUYANA	12	65	2	3.1	0	0.0	24	37.0
HAITI	7	15	2	13.8	0	0.0	11	75.6
HONDURAS	12	239	5	2.1	0	0.0	105	43.8
JAMAICA	12	118	7	5.9	0	0.0	21	17.8
KIRIBATI	12	43	0	0.0	0	0.0	29	68.1
MEXICO	3	3	4	136.5	0	0.0	5	170.6
MICRONESIA	12	70	21	30.2	0	0.0	42	60.4
NICARAGUA	12	179	0	0.0	0	0.0	325	181.3
PANAMA	12	147	1	0.7	0	0.0	77	52.4
PARAGUAY	12	200	45	22.5	0	0.0	97	48.6
PERU	12	74	33	44.3	0	0.0	91	122.2
SAMOA	12	53	1	1.9	0	0.0	49	93.1
SURINAME	12	51	6	11.8	0	0.0	48	94.6
TONGA	12	58	10	17.2	0	0.0	49	84.1
VANUATU	12	76	25	33.1	1	1.3	38	50.3
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>400</b>	<b>15.9</b>	<b>1</b>	<b>0.0</b>	<b>2308</b>	<b>91.9</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>965</b>	<b>13.2</b>	<b>13</b>	<b>0.2</b>	<b>6347</b>	<b>87.1</b>



Country	ESS Reports	VT years in 2004	Helminths		Hepatitis A		Hepatitis B	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	1	1.0	0	0.00	0	0.00
BOTSWANA	12	39	0	0.0	0	0.00	0	0.00
BURKINA FASO	12	95	0	0.0	1	1.05	0	0.00
CAMEROON	12	132	4	3.0	0	0.00	0	0.00
CAPE VERDE	12	42	1	2.4	0	0.00	0	0.00
CHAD	12	22	1	4.5	0	0.00	0	0.00
GABON	12	45	0	0.0	0	0.00	0	0.00
GAMBIA	12	97	0	0.0	0	0.00	0	0.00
GHANA	12	138	0	0.0	1	0.73	0	0.00
GUINEA	12	100	14	13.9	0	0.00	0	0.00
KENYA	12	160	0	0.0	0	0.00	0	0.00
LESOTHO	12	102	0	0.0	0	0.00	0	0.00
MADAGASCAR	12	120	14	11.7	0	0.00	0	0.00
MALAWI	12	110	0	0.0	0	0.00	0	0.00
MALI	12	181	3	1.7	0	0.00	0	0.00
MAURITANIA	12	81	0	0.0	1	1.23	0	0.00
MOZAMBIQUE	12	82	2	2.4	0	0.00	0	0.00
NAMIBIA	12	101	0	0.0	0	0.00	0	0.00
NIGER	12	119	0	0.0	0	0.00	0	0.00
SENEGAL	12	139	1	0.7	2	1.44	0	0.00
SOUTH AFRICA	12	113	0	0.0	0	0.00	0	0.00
SWAZILAND	12	35	0	0.0	0	0.00	0	0.00
TANZANIA	12	152	2	1.3	0	0.00	0	0.00
TOGO	12	110	1	0.9	0	0.00	0	0.00
UGANDA	12	47	0	0.0	0	0.00	0	0.00
ZAMBIA	12	142	0	0.0	0	0.00	0	0.00
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>44</b>	<b>1.7</b>	<b>5</b>	<b>0.19</b>	<b>0</b>	<b>0.00</b>
ALBANIA	12	49	1	2.0	0	0.00	0	0.00
ARMENIA	12	88	1	1.1	0	0.00	0	0.00
AZERBAIJAN	12	38	0	0.0	0	0.00	0	0.00
BANGLADESH	12	78	5	6.4	0	0.00	0	0.00
BULGARIA	12	166	0	0.0	0	0.00	0	0.00
CHINA	6	21	0	0.0	0	0.00	0	0.00
GEORGIA	12	46	0	0.0	0	0.00	0	0.00
JORDAN	11	28	0	0.0	0	0.00	0	0.00
KAZAKHSTAN	12	135	1	0.7	0	0.00	0	0.00
KYRGYZ REPUBLIC	12	121	2	1.6	0	0.00	0	0.00
MACEDONIA	12	49	0	0.0	0	0.00	0	0.00
MOLDOVA	12	123	0	0.0	0	0.00	0	0.00
MONGOLIA	12	91	1	1.1	0	0.00	0	0.00
MOROCCO	12	101	2	2.0	0	0.00	0	0.00
NEPAL	9	73	4	5.5	0	0.00	0	0.00
PHILIPPINES	12	140	11	7.9	0	0.00	0	0.00
ROMANIA	12	188	0	0.0	0	0.00	0	0.00
THAILAND	12	98	1	1.0	0	0.00	0	0.00
TURKMENISTAN	12	85	0	0.0	0	0.00	0	0.00
UKRAINE	12	301	2	0.7	0	0.00	0	0.00
UZBEKISTAN	12	158	0	0.0	0	0.00	0	0.00
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>31</b>	<b>1.4</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
BELIZE	12	68	1	1.5	0	0.00	0	0.00
BOLIVIA	12	153	1	0.7	0	0.00	0	0.00
COSTA RICA	12	67	1	1.5	0	0.00	0	0.00
DOMINICAN REPUBLIC	12	166	1	0.6	0	0.00	0	0.00
EAST TIMOR	12	23	1	4.4	0	0.00	0	0.00
EASTERN CARIBBEAN	12	132	0	0.0	0	0.00	0	0.00
ECUADOR	12	158	15	9.5	0	0.00	0	0.00
EL SALVADOR	12	116	4	3.5	0	0.00	0	0.00
FIJI	12	34	0	0.0	0	0.00	0	0.00
GUATEMALA	12	204	4	2.0	0	0.00	1	0.49
GUYANA	12	65	0	0.0	0	0.00	0	0.00
HAITI	7	15	2	13.8	0	0.00	0	0.00
HONDURAS	12	239	5	2.1	0	0.00	0	0.00
JAMAICA	12	118	1	0.8	0	0.00	0	0.00
KIRIBATI	12	43	0	0.0	0	0.00	0	0.00
MEXICO	3	3	0	0.0	0	0.00	0	0.00
MICRONESIA	12	70	2	2.9	0	0.00	0	0.00
NICARAGUA	12	179	15	8.4	0	0.00	0	0.00
PANAMA	12	147	6	4.1	0	0.00	0	0.00
PARAGUAY	12	200	1	0.5	0	0.00	0	0.00
PERU	12	74	4	5.4	0	0.00	0	0.00
SAMOA	12	53	0	0.0	0	0.00	0	0.00
SURINAME	12	51	29	57.1	0	0.00	0	0.00
TONGA	12	58	0	0.0	0	0.00	0	0.00
VANUATU	12	76	0	0.0	0	0.00	0	0.00
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>93</b>	<b>3.7</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>0.04</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>168</b>	<b>2.3</b>	<b>5</b>	<b>0.07</b>	<b>1</b>	<b>0.01</b>

Country	ESS Reports	VT years in 2004	Hepatitis C		Hepatitis E		Unspecified Hepatitis	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	0	0.00	0	0.00	0	0.00
BOTSWANA	12	39	0	0.00	0	0.00	0	0.00
BURKINA FASO	12	95	0	0.00	0	0.00	0	0.00
CAMEROON	12	132	0	0.00	0	0.00	0	0.00
CAPE VERDE	12	42	0	0.00	0	0.00	0	0.00
CHAD	12	22	0	0.00	0	0.00	0	0.00
GABON	12	45	0	0.00	0	0.00	0	0.00
GAMBIA	12	97	0	0.00	0	0.00	0	0.00
GHANA	12	138	0	0.00	0	0.00	0	0.00
GUINEA	12	100	0	0.00	0	0.00	0	0.00
KENYA	12	160	0	0.00	0	0.00	0	0.00
LESOTHO	12	102	0	0.00	0	0.00	0	0.00
MADAGASCAR	12	120	0	0.00	0	0.00	0	0.00
MALAWI	12	110	0	0.00	0	0.00	1	0.91
MALI	12	181	0	0.00	0	0.00	0	0.00
MAURITANIA	12	81	0	0.00	0	0.00	0	0.00
MOZAMBIQUE	12	82	0	0.00	0	0.00	0	0.00
NAMIBIA	12	101	0	0.00	0	0.00	0	0.00
NIGER	12	119	0	0.00	0	0.00	0	0.00
SENEGAL	12	139	0	0.00	0	0.00	0	0.00
SOUTH AFRICA	12	113	0	0.00	0	0.00	0	0.00
SWAZILAND	12	35	0	0.00	0	0.00	0	0.00
TANZANIA	12	152	0	0.00	0	0.00	0	0.00
TOGO	12	110	0	0.00	0	0.00	0	0.00
UGANDA	12	47	0	0.00	0	0.00	0	0.00
ZAMBIA	12	142	0	0.00	0	0.00	0	0.00
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>0.04</b>
ALBANIA	12	49	0	0.00	0	0.00	0	0.00
ARMENIA	12	88	0	0.00	0	0.00	0	0.00
AZERBAIJAN	12	38	0	0.00	0	0.00	0	0.00
BANGLADESH	12	78	0	0.00	1	1.27	0	0.00
BULGARIA	12	166	0	0.00	0	0.00	0	0.00
CHINA	6	21	0	0.00	0	0.00	0	0.00
GEORGIA	12	46	0	0.00	0	0.00	0	0.00
JORDAN	11	28	0	0.00	0	0.00	0	0.00
KAZAKHSTAN	12	135	0	0.00	0	0.00	0	0.00
KYRGYZ REPUBLIC	12	121	0	0.00	0	0.00	0	0.00
MACEDONIA	12	49	0	0.00	0	0.00	0	0.00
MOLDOVA	12	123	0	0.00	0	0.00	0	0.00
MONGOLIA	12	91	0	0.00	0	0.00	0	0.00
MOROCCO	12	101	0	0.00	0	0.00	0	0.00
NEPAL	9	73	0	0.00	0	0.00	0	0.00
PHILIPPINES	12	140	0	0.00	0	0.00	0	0.00
ROMANIA	12	188	0	0.00	0	0.00	2	1.07
THAILAND	12	98	0	0.00	0	0.00	0	0.00
TURKMENISTAN	12	85	0	0.00	0	0.00	0	0.00
UKRAINE	12	301	0	0.00	0	0.00	0	0.00
UZBEKISTAN	12	158	0	0.00	0	0.00	2	1.27
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>0.05</b>	<b>4</b>	<b>0.18</b>
BELIZE	12	68	0	0.00	0	0.00	0	0.00
BOLIVIA	12	153	0	0.00	0	0.00	0	0.00
COSTA RICA	12	67	0	0.00	0	0.00	0	0.00
DOMINICAN REPUBLIC	12	166	0	0.00	0	0.00	0	0.00
EAST TIMOR	12	23	0	0.00	0	0.00	0	0.00
EASTERN CARIBBEAN	12	132	0	0.00	0	0.00	0	0.00
ECUADOR	12	158	0	0.00	0	0.00	0	0.00
EL SALVADOR	12	116	0	0.00	0	0.00	0	0.00
FIJI	12	34	0	0.00	0	0.00	0	0.00
GUATEMALA	12	204	0	0.00	0	0.00	0	0.00
GUYANA	12	65	0	0.00	0	0.00	0	0.00
HAITI	7	15	0	0.00	0	0.00	0	0.00
HONDURAS	12	239	0	0.00	0	0.00	0	0.00
JAMAICA	12	118	0	0.00	0	0.00	0	0.00
KIRIBATI	12	43	0	0.00	0	0.00	0	0.00
MEXICO	3	3	0	0.00	0	0.00	0	0.00
MICRONESIA	12	70	0	0.00	0	0.00	0	0.00
NICARAGUA	12	179	0	0.00	0	0.00	0	0.00
PANAMA	12	147	0	0.00	0	0.00	0	0.00
PARAGUAY	12	200	0	0.00	0	0.00	0	0.00
PERU	12	74	0	0.00	0	0.00	0	0.00
SAMOA	12	53	0	0.00	0	0.00	0	0.00
SURINAME	12	51	0	0.00	0	0.00	0	0.00
TONGA	12	58	0	0.00	0	0.00	0	0.00
VANUATU	12	76	0	0.00	0	0.00	0	0.00
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>0</b>	<b>0.00</b>	<b>1</b>	<b>0.01</b>	<b>5</b>	<b>0.07</b>

Country	ESS Reports	VT years in 2004	Hospitalizations		Pedestrian Injuries		Bicycle Injuries	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	0	0.0	3	3.0	5	5.0
BOTSWANA	12	39	1	2.6	0	0.0	0	0.0
BURKINA FASO	12	95	5	5.2	2	2.1	12	12.6
CAMEROON	12	132	19	14.3	2	1.5	0	0.0
CAPE VERDE	12	42	0	0.0	0	0.0	0	0.0
CHAD	12	22	0	0.0	0	0.0	0	0.0
GABON	12	45	1	2.2	1	2.2	1	2.2
GAMBIA	12	97	0	0.0	0	0.0	3	3.1
GHANA	12	138	5	3.6	1	0.7	5	3.6
GUINEA	12	100	3	3.0	0	0.0	8	8.0
KENYA	12	160	11	6.9	2	1.3	4	2.5
LESOTHO	12	102	2	2.0	0	0.0	0	0.0
MADAGASCAR	12	120	4	3.3	3	2.5	1	0.8
MALAWI	12	110	16	14.6	0	0.0	2	1.8
MALI	12	181	6	3.3	1	0.6	7	3.9
MAURITANIA	12	81	2	2.5	0	0.0	1	1.2
MOZAMBIQUE	12	82	2	2.4	0	0.0	0	0.0
NAMIBIA	12	101	5	5.0	0	0.0	0	0.0
NIGER	12	119	4	3.4	1	0.8	0	0.0
SENEGAL	12	139	8	5.8	2	1.4	5	3.6
SOUTH AFRICA	12	113	6	5.3	0	0.0	0	0.0
SWAZILAND	12	35	3	8.5	1	2.8	0	0.0
TANZANIA	12	152	3	2.0	0	0.0	0	0.0
TOGO	12	110	1	0.9	3	2.7	19	17.3
UGANDA	12	47	1	2.1	1	2.1	0	0.0
ZAMBIA	12	142	1	0.7	4	2.8	3	2.1
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>109</b>	<b>4.2</b>	<b>27</b>	<b>1.0</b>	<b>76</b>	<b>2.9</b>
ALBANIA	12	49	0	0.0	0	0.0	0	0.0
ARMENIA	12	88	0	0.0	0	0.0	0	0.0
AZERBAIJAN	12	38	0	0.0	0	0.0	0	0.0
BANGLADESH	12	78	0	0.0	0	0.0	1	1.3
BULGARIA	12	166	0	0.0	0	0.0	0	0.0
CHINA	6	21	0	0.0	1	4.8	0	0.0
GEORGIA	12	46	0	0.0	0	0.0	0	0.0
JORDAN	11	28	3	10.8	0	0.0	0	0.0
KAZAKHSTAN	12	135	0	0.0	0	0.0	0	0.0
KYRGYZ REPUBLIC	12	121	0	0.0	3	2.5	0	0.0
MACEDONIA	12	49	2	4.1	2	4.1	0	0.0
MOLDOVA	12	123	2	1.6	0	0.0	0	0.0
MONGOLIA	12	91	4	4.4	0	0.0	0	0.0
MOROCCO	12	101	4	4.0	1	1.0	0	0.0
NEPAL	9	73	7	9.6	2	2.7	2	2.7
PHILIPPINES	12	140	25	17.9	1	0.7	3	2.1
ROMANIA	12	188	1	0.5	0	0.0	0	0.0
THAILAND	12	98	8	8.2	1	1.0	7	7.2
TURKMENISTAN	12	85	3	3.5	1	1.2	0	0.0
UKRAINE	12	301	3	1.0	0	0.0	0	0.0
UZBEKISTAN	12	158	5	3.2	1	0.6	0	0.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>67</b>	<b>3.1</b>	<b>13</b>	<b>0.6</b>	<b>13</b>	<b>0.6</b>
BELIZE	12	68	6	8.8	1	1.5	3	4.4
BOLIVIA	12	153	29	19.0	0	0.0	0	0.0
COSTA RICA	12	67	3	4.5	0	0.0	0	0.0
DOMINICAN REPUBLIC	12	166	18	10.8	0	0.0	1	0.6
EAST TIMOR	12	23	0	0.0	0	0.0	2	8.7
EASTERN CARIBBEAN	12	132	2	1.5	2	1.5	0	0.0
ECUADOR	12	158	1	0.6	0	0.0	0	0.0
EL SALVADOR	12	116	28	24.2	0	0.0	0	0.0
FIJI	12	34	2	5.8	0	0.0	0	0.0
GUATEMALA	12	204	17	8.3	8	3.9	3	1.5
GUYANA	12	65	2	3.1	0	0.0	0	0.0
HAITI	7	15	2	13.8	0	0.0	0	0.0
HONDURAS	12	239	27	11.3	1	0.4	1	0.4
JAMAICA	12	118	2	1.7	0	0.0	2	1.7
KIRIBATI	12	43	0	0.0	0	0.0	2	4.7
MEXICO	3	3	0	0.0	0	0.0	0	0.0
MICRONESIA	12	70	7	10.1	0	0.0	3	4.3
NICARAGUA	12	179	12	6.7	0	0.0	1	0.6
PANAMA	12	147	17	11.6	8	5.4	0	0.0
PARAGUAY	12	200	8	4.0	17	8.5	5	2.5
PERU	12	74	1	1.3	1	1.3	2	2.7
SAMOA	12	53	4	7.6	1	1.9	2	3.8
SURINAME	12	51	0	0.0	0	0.0	0	0.0
TONGA	12	58	1	1.7	0	0.0	2	3.4
VANUATU	12	76	0	0.0	0	0.0	0	0.0
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>189</b>	<b>7.5</b>	<b>39</b>	<b>1.6</b>	<b>29</b>	<b>1.2</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>365</b>	<b>5.0</b>	<b>79</b>	<b>1.1</b>	<b>118</b>	<b>1.6</b>

Country	ESS Reports	VT years in 2004	Motorcycle Injuries		Motor Vehicle Injuries		Sports Injuries	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	13	13.1	0	0.0	1	1.0
BOTSWANA	12	39	0	0.0	0	0.0	1	2.6
BURKINA FASO	12	95	0	0.0	2	2.1	1	1.0
CAMEROON	12	132	2	1.5	21	15.9	0	0.0
CAPE VERDE	12	42	0	0.0	1	2.4	2	4.7
CHAD	12	22	0	0.0	0	0.0	0	0.0
GABON	12	45	0	0.0	1	2.2	0	0.0
GAMBIA	12	97	0	0.0	0	0.0	0	0.0
GHANA	12	138	0	0.0	1	0.7	3	2.2
GUINEA	12	100	2	2.0	3	3.0	4	4.0
KENYA	12	160	0	0.0	3	1.9	0	0.0
LESOTHO	12	102	0	0.0	0	0.0	0	0.0
MADAGASCAR	12	120	0	0.0	4	3.3	2	1.7
MALAWI	12	110	0	0.0	1	0.9	3	2.7
MALI	12	181	0	0.0	4	2.2	4	2.2
MAURITANIA	12	81	0	0.0	0	0.0	1	1.2
MOZAMBIQUE	12	82	0	0.0	2	2.4	1	1.2
NAMIBIA	12	101	0	0.0	1	1.0	3	3.0
NIGER	12	119	0	0.0	3	2.5	0	0.0
SENEGAL	12	139	0	0.0	2	1.4	4	2.9
SOUTH AFRICA	12	113	0	0.0	0	0.0	1	0.9
SWAZILAND	12	35	0	0.0	0	0.0	0	0.0
TANZANIA	12	152	0	0.0	3	2.0	0	0.0
TOGO	12	110	1	0.9	1	0.9	7	6.4
UGANDA	12	47	0	0.0	2	4.2	0	0.0
ZAMBIA	12	142	0	0.0	1	0.7	0	0.0
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>18</b>	<b>0.7</b>	<b>56</b>	<b>2.2</b>	<b>38</b>	<b>1.5</b>
ALBANIA	12	49	0	0.0	0	0.0	0	0.0
ARMENIA	12	88	0	0.0	0	0.0	0	0.0
AZERBAIJAN	12	38	0	0.0	0	0.0	5	13.3
BANGLADESH	12	78	0	0.0	1	1.3	7	8.9
BULGARIA	12	166	0	0.0	2	1.2	23	13.8
CHINA	6	21	0	0.0	0	0.0	0	0.0
GEORGIA	12	46	0	0.0	0	0.0	0	0.0
JORDAN	11	28	0	0.0	0	0.0	0	0.0
KAZAKHSTAN	12	135	0	0.0	0	0.0	4	3.0
KYRGYZ REPUBLIC	12	121	0	0.0	1	0.8	3	2.5
MACEDONIA	12	49	0	0.0	0	0.0	0	0.0
MOLDOVA	12	123	0	0.0	0	0.0	6	4.9
MONGOLIA	12	91	0	0.0	1	1.1	2	2.2
MOROCCO	12	101	0	0.0	1	1.0	4	4.0
NEPAL	9	73	0	0.0	0	0.0	0	0.0
PHILIPPINES	12	140	0	0.0	0	0.0	3	2.1
ROMANIA	12	188	0	0.0	0	0.0	34	18.1
THAILAND	12	98	0	0.0	0	0.0	10	10.2
TURKMENISTAN	12	85	0	0.0	3	3.5	1	1.2
UKRAINE	12	301	0	0.0	0	0.0	5	1.7
UZBEKISTAN	12	158	0	0.0	0	0.0	0	0.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>0</b>	<b>0.0</b>	<b>9</b>	<b>0.4</b>	<b>107</b>	<b>4.9</b>
BELIZE	12	68	0	0.0	0	0.0	2	2.9
BOLIVIA	12	153	0	0.0	0	0.0	0	0.0
COSTA RICA	12	67	0	0.0	2	3.0	2	3.0
DOMINICAN REPUBLIC	12	166	5	3.0	1	0.6	7	4.2
EAST TIMOR	12	23	0	0.0	0	0.0	6	26.2
EASTERN CARIBBEAN	12	132	0	0.0	3	2.3	3	2.3
ECUADOR	12	158	0	0.0	3	1.9	14	8.9
EL SALVADOR	12	116	0	0.0	3	2.6	26	22.5
FIJI	12	34	0	0.0	0	0.0	0	0.0
GUATEMALA	12	204	1	0.5	2	1.0	15	7.4
GUYANA	12	65	0	0.0	0	0.0	3	4.6
HAITI	7	15	0	0.0	0	0.0	1	6.9
HONDURAS	12	239	0	0.0	5	2.1	6	2.5
JAMAICA	12	118	0	0.0	1	0.8	7	5.9
KIRIBATI	12	43	0	0.0	0	0.0	0	0.0
MEXICO	3	3	0	0.0	0	0.0	0	0.0
MICRONESIA	12	70	0	0.0	0	0.0	0	0.0
NICARAGUA	12	179	0	0.0	2	1.1	1	0.6
PANAMA	12	147	0	0.0	3	2.0	8	5.4
PARAGUAY	12	200	0	0.0	0	0.0	17	8.5
PERU	12	74	0	0.0	5	6.7	0	0.0
SAMOA	12	53	0	0.0	0	0.0	11	20.9
SURINAME	12	51	0	0.0	0	0.0	0	0.0
TONGA	12	58	0	0.0	1	1.7	2	3.4
VANUATU	12	76	0	0.0	1	1.3	2	2.6
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>6</b>	<b>0.2</b>	<b>32</b>	<b>1.3</b>	<b>133</b>	<b>5.3</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>24</b>	<b>0.3</b>	<b>97</b>	<b>1.3</b>	<b>278</b>	<b>3.8</b>

Country	ESS Reports	VT years in 2004	Water Injuries		Other Injuries		Total Unintentional Injuries	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	0	0.0	4	4.0	26	26.2
BOTSWANA	12	39	0	0.0	15	38.8	16	41.3
BURKINA FASO	12	95	2	2.1	2	2.1	21	22.0
CAMEROON	12	132	0	0.0	5	3.8	30	22.7
CAPE VERDE	12	42	0	0.0	7	16.6	10	23.7
CHAD	12	22	0	0.0	1	4.5	1	4.5
GABON	12	45	0	0.0	0	0.0	3	6.7
GAMBIA	12	97	0	0.0	5	5.1	8	8.2
GHANA	12	138	0	0.0	4	2.9	14	10.2
GUINEA	12	100	0	0.0	19	18.9	36	35.9
KENYA	12	160	0	0.0	14	8.8	23	14.4
LESOTHO	12	102	0	0.0	14	13.7	14	13.7
MADAGASCAR	12	120	0	0.0	19	15.8	29	24.2
MALAWI	12	110	0	0.0	14	12.8	20	18.2
MALI	12	181	0	0.0	22	12.2	38	21.0
MAURITANIA	12	81	0	0.0	5	6.1	7	8.6
MOZAMBIQUE	12	82	0	0.0	3	3.7	6	7.3
NAMIBIA	12	101	0	0.0	10	9.9	14	13.9
NIGER	12	119	0	0.0	6	5.1	10	8.4
SENEGAL	12	139	0	0.0	26	18.8	39	28.2
SOUTH AFRICA	12	113	0	0.0	20	17.6	21	18.5
SWAZILAND	12	35	0	0.0	0	0.0	1	2.8
TANZANIA	12	152	0	0.0	18	11.8	21	13.8
TOGO	12	110	1	0.9	15	13.7	47	42.9
UGANDA	12	47	0	0.0	0	0.0	3	6.3
ZAMBIA	12	142	1	0.7	4	2.8	13	9.2
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>4</b>	<b>0.2</b>	<b>252</b>	<b>9.7</b>	<b>471</b>	<b>18.1</b>
ALBANIA	12	49	1	2.0	19	38.8	20	40.8
ARMENIA	12	88	0	0.0	5	5.7	5	5.7
AZERBAIJAN	12	38	0	0.0	12	32.0	17	45.3
BANGLADESH	12	78	0	0.0	11	14.0	20	25.5
BULGARIA	12	166	1	0.6	38	22.8	64	38.4
CHINA	6	21	0	0.0	1	4.8	2	9.7
GEORGIA	12	46	0	0.0	13	28.1	13	28.1
JORDAN	11	28	1	3.6	5	18.1	6	21.7
KAZAKHSTAN	12	135	0	0.0	28	20.8	32	23.8
KYRGYZ REPUBLIC	12	121	0	0.0	14	11.5	21	17.3
MACEDONIA	12	49	0	0.0	4	8.2	6	12.2
MOLDOVA	12	123	0	0.0	34	27.6	40	32.4
MONGOLIA	12	91	0	0.0	15	16.5	18	19.8
MOROCCO	12	101	0	0.0	0	0.0	6	5.9
NEPAL	9	73	0	0.0	24	32.9	28	38.4
PHILIPPINES	12	140	2	1.4	23	16.4	32	22.9
ROMANIA	12	188	0	0.0	47	25.1	81	43.2
THAILAND	12	98	1	1.0	9	9.2	28	28.7
TURKMENISTAN	12	85	0	0.0	2	2.4	7	8.2
UKRAINE	12	301	0	0.0	37	12.3	42	13.9
UZBEKISTAN	12	158	0	0.0	18	11.4	19	12.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>6</b>	<b>0.3</b>	<b>359</b>	<b>16.5</b>	<b>507</b>	<b>23.3</b>
BELIZE	12	68	0	0.0	8	11.8	14	20.6
BOLIVIA	12	153	1	0.7	8	5.2	9	5.9
COSTA RICA	12	67	0	0.0	2	3.0	6	9.0
DOMINICAN REPUBLIC	12	166	1	0.6	18	10.8	33	19.9
EAST TIMOR	12	23	0	0.0	9	39.3	17	74.3
EASTERN CARIBBEAN	12	132	1	0.8	38	28.7	47	35.5
ECUADOR	12	158	1	0.6	63	40.0	81	51.4
EL SALVADOR	12	116	1	0.9	27	23.3	57	49.2
FIJI	12	34	0	0.0	0	0.0	0	0.0
GUATEMALA	12	204	5	2.5	49	24.0	83	40.7
GUYANA	12	65	0	0.0	5	7.7	8	12.3
HAITI	7	15	0	0.0	2	13.8	3	20.6
HONDURAS	12	239	0	0.0	40	16.7	53	22.1
JAMAICA	12	118	2	1.7	22	18.7	34	28.8
KIRIBATI	12	43	3	7.0	15	35.2	20	47.0
MEXICO	3	3	0	0.0	1	34.1	1	34.1
MICRONESIA	12	70	0	0.0	14	20.1	17	24.5
NICARAGUA	12	179	0	0.0	25	13.9	29	16.2
PANAMA	12	147	3	2.0	12	8.2	34	23.2
PARAGUAY	12	200	0	0.0	26	13.0	65	32.5
PERU	12	74	0	0.0	3	4.0	11	14.8
SAMOA	12	53	2	3.8	17	32.3	33	62.7
SURINAME	12	51	0	0.0	14	27.6	14	27.6
TONGA	12	58	3	5.1	7	12.0	15	25.7
VANUATU	12	76	2	2.6	30	39.7	35	46.3
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>25</b>	<b>1.0</b>	<b>455</b>	<b>18.1</b>	<b>719</b>	<b>28.6</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>35</b>	<b>0.5</b>	<b>1066</b>	<b>14.6</b>	<b>1697</b>	<b>23.3</b>

Country	ESS Reports	VT years in 2004	Falciparum Malaria		Non-Falciparum Malaria		Presumptive Malaria	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	5	5.0	0	0.0	1	1.0
BOTSWANA	12	39	0	0.0	0	0.0	0	0.0
BURKINA FASO	12	95	6	6.3	0	0.0	1	1.0
CAMEROON	12	132	4	3.0	0	0.0	13	9.8
CAPE VERDE	12	42	0	0.0	0	0.0	0	0.0
CHAD	12	22	0	0.0	1	4.5	3	13.6
GABON	12	45	0	0.0	0	0.0	3	6.7
GAMBIA	12	97	2	2.1	0	0.0	2	2.1
GHANA	12	138	4	2.9	0	0.0	13	9.4
GUINEA	12	100	18	17.9	1	1.0	17	16.9
KENYA	12	160	3	1.9	0	0.0	1	0.6
LESOTHO	12	102	0	0.0	0	0.0	3	2.9
MADAGASCAR	12	120	1	0.8	0	0.0	8	6.7
MALAWI	12	110	2	1.8	0	0.0	0	0.0
MALI	12	181	7	3.9	0	0.0	37	20.5
MAURITANIA	12	81	1	1.2	0	0.0	0	0.0
MOZAMBIQUE	12	82	3	3.7	0	0.0	3	3.7
NAMIBIA	12	101	0	0.0	0	0.0	3	3.0
NIGER	12	119	10	8.4	0	0.0	0	0.0
SENEGAL	12	139	3	2.2	0	0.0	11	7.9
SOUTH AFRICA	12	113	0	0.0	0	0.0	0	0.0
SWAZILAND	12	35	0	0.0	0	0.0	0	0.0
TANZANIA	12	152	1	0.7	0	0.0	17	11.2
TOGO	12	110	10	9.1	0	0.0	5	4.6
UGANDA	12	47	0	0.0	0	0.0	0	0.0
ZAMBIA	12	142	19	13.4	0	0.0	14	9.9
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>99</b>	<b>3.8</b>	<b>2</b>	<b>0.1</b>	<b>155</b>	<b>6.0</b>
ALBANIA	12	49	0	0.0	0	0.0	0	0.0
ARMENIA	12	88	0	0.0	0	0.0	0	0.0
AZERBAIJAN	12	38	0	0.0	0	0.0	0	0.0
BANGLADESH	12	78	0	0.0	0	0.0	0	0.0
BULGARIA	12	166	0	0.0	0	0.0	0	0.0
CHINA	6	21	0	0.0	0	0.0	0	0.0
GEORGIA	12	46	0	0.0	0	0.0	0	0.0
JORDAN	11	28	0	0.0	0	0.0	0	0.0
KAZAKHSTAN	12	135	0	0.0	0	0.0	0	0.0
KYRGYZ REPUBLIC	12	121	0	0.0	0	0.0	0	0.0
MACEDONIA	12	49	0	0.0	0	0.0	0	0.0
MOLDOVA	12	123	0	0.0	0	0.0	0	0.0
MONGOLIA	12	91	0	0.0	0	0.0	0	0.0
MOROCCO	12	101	0	0.0	1	1.0	0	0.0
NEPAL	9	73	0	0.0	0	0.0	0	0.0
PHILIPPINES	12	140	0	0.0	0	0.0	0	0.0
ROMANIA	12	188	0	0.0	0	0.0	0	0.0
THAILAND	12	98	0	0.0	0	0.0	0	0.0
TURKMENISTAN	12	85	0	0.0	0	0.0	0	0.0
UKRAINE	12	301	0	0.0	0	0.0	0	0.0
UZBEKISTAN	12	158	0	0.0	0	0.0	0	0.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
BELIZE	12	68	0	0.0	0	0.0	0	0.0
BOLIVIA	12	153	0	0.0	0	0.0	0	0.0
COSTA RICA	12	67	1	1.5	0	0.0	0	0.0
DOMINICAN REPUBLIC	12	166	0	0.0	0	0.0	0	0.0
EAST TIMOR	12	23	0	0.0	0	0.0	0	0.0
EASTERN CARIBBEAN	12	132	0	0.0	0	0.0	0	0.0
ECUADOR	12	158	0	0.0	0	0.0	1	0.6
EL SALVADOR	12	116	0	0.0	0	0.0	0	0.0
FIJI	12	34	0	0.0	0	0.0	0	0.0
GUATEMALA	12	204	0	0.0	0	0.0	0	0.0
GUYANA	12	65	0	0.0	0	0.0	0	0.0
HAITI	7	15	0	0.0	0	0.0	0	0.0
HONDURAS	12	239	1	0.4	2	0.8	0	0.0
JAMAICA	12	118	0	0.0	0	0.0	0	0.0
KIRIBATI	12	43	0	0.0	0	0.0	0	0.0
MEXICO	3	3	0	0.0	0	0.0	0	0.0
MICRONESIA	12	70	0	0.0	0	0.0	0	0.0
NICARAGUA	12	179	1	0.6	0	0.0	1	0.6
PANAMA	12	147	0	0.0	0	0.0	0	0.0
PARAGUAY	12	200	0	0.0	0	0.0	0	0.0
PERU	12	74	0	0.0	0	0.0	0	0.0
SAMOA	12	53	0	0.0	0	0.0	0	0.0
SURINAME	12	51	0	0.0	0	0.0	0	0.0
TONGA	12	58	0	0.0	0	0.0	0	0.0
VANUATU	12	76	0	0.0	3	4.0	0	0.0
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>3</b>	<b>0.1</b>	<b>5</b>	<b>0.2</b>	<b>2</b>	<b>0.1</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>102</b>	<b>1.4</b>	<b>8</b>	<b>0.1</b>	<b>157</b>	<b>2.2</b>

Country	ESS Reports	VT years in 2004	Leishmaniasis		OMS-Sponsored Medevac		Country-Sponsored Medevac	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	0	0.0	7	7.1	17	17.1
BOTSWANA	12	39	0	0.0	3	7.8	6	15.5
BURKINA FASO	12	95	0	0.0	5	5.2	6	6.3
CAMEROON	12	132	0	0.0	17	12.8	7	5.3
CAPE VERDE	12	42	0	0.0	0	0.0	1	2.4
CHAD	12	22	0	0.0	4	18.1	0	0.0
GABON	12	45	0	0.0	1	2.2	3	6.7
GAMBIA	12	97	0	0.0	5	5.1	1	1.0
GHANA	12	138	0	0.0	2	1.5	1	0.7
GUINEA	12	100	0	0.0	5	5.0	5	5.0
KENYA	12	160	0	0.0	4	2.5	2	1.3
LESOTHO	12	102	0	0.0	1	1.0	7	6.9
MADAGASCAR	12	120	0	0.0	3	2.5	8	6.7
MALAWI	12	110	0	0.0	3	2.7	10	9.1
MALI	12	181	0	0.0	9	5.0	12	6.6
MAURITANIA	12	81	1	1.2	0	0.0	2	2.5
MOZAMBIQUE	12	82	0	0.0	3	3.7	6	7.3
NAMIBIA	12	101	0	0.0	2	2.0	6	6.0
NIGER	12	119	0	0.0	7	5.9	3	2.5
SENEGAL	12	139	0	0.0	5	3.6	2	1.4
SOUTH AFRICA	12	113	0	0.0	8	7.1	0	0.0
SWAZILAND	12	35	0	0.0	1	2.8	1	2.8
TANZANIA	12	152	0	0.0	1	0.7	4	2.6
TOGO	12	110	0	0.0	2	1.8	4	3.6
UGANDA	12	47	0	0.0	0	0.0	2	4.2
ZAMBIA	12	142	0	0.0	3	2.1	10	7.1
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>1</b>	<b>0.0</b>	<b>101</b>	<b>3.9</b>	<b>126</b>	<b>4.8</b>
ALBANIA	12	49	0	0.0	3	6.1	0	0.0
ARMENIA	12	88	0	0.0	3	3.4	0	0.0
AZERBAIJAN	12	38	0	0.0	0	0.0	0	0.0
BANGLADESH	12	78	0	0.0	2	2.5	10	12.7
BULGARIA	12	166	0	0.0	12	7.2	0	0.0
CHINA	6	21	0	0.0	0	0.0	0	0.0
GEORGIA	12	46	0	0.0	1	2.2	0	0.0
JORDAN	11	28	0	0.0	1	3.6	0	0.0
KAZAKHSTAN	12	135	0	0.0	2	1.5	7	5.2
KYRGYZ REPUBLIC	12	121	0	0.0	7	5.8	4	3.3
MACEDONIA	12	49	0	0.0	2	4.1	0	0.0
MOLDOVA	12	123	0	0.0	10	8.1	0	0.0
MONGOLIA	12	91	0	0.0	0	0.0	1	1.1
MOROCCO	12	101	0	0.0	4	4.0	0	0.0
NEPAL	9	73	0	0.0	1	1.4	11	15.1
PHILIPPINES	12	140	0	0.0	16	11.4	0	0.0
ROMANIA	12	188	0	0.0	6	3.2	0	0.0
THAILAND	12	98	0	0.0	1	1.0	0	0.0
TURKMENISTAN	12	85	0	0.0	1	1.2	9	10.6
UKRAINE	12	301	0	0.0	27	9.0	0	0.0
UZBEKISTAN	12	158	0	0.0	7	4.4	8	5.1
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>0</b>	<b>0.0</b>	<b>106</b>	<b>4.9</b>	<b>50</b>	<b>2.3</b>
BELIZE	12	68	0	0.0	6	8.8	0	0.0
BOLIVIA	12	153	0	0.0	6	3.9	0	0.0
COSTA RICA	12	67	0	0.0	3	4.5	0	0.0
DOMINICAN REPUBLIC	12	166	0	0.0	13	7.8	0	0.0
EAST TIMOR	12	23	0	0.0	0	0.0	3	13.1
EASTERN CARIBBEAN	12	132	0	0.0	14	10.6	0	0.0
ECUADOR	12	158	0	0.0	3	1.9	0	0.0
EL SALVADOR	12	116	0	0.0	2	1.7	0	0.0
FIJI	12	34	0	0.0	5	14.5	0	0.0
GUATEMALA	12	204	0	0.0	9	4.4	0	0.0
GUYANA	12	65	0	0.0	8	12.3	0	0.0
HAITI	7	15	0	0.0	0	0.0	0	0.0
HONDURAS	12	239	0	0.0	18	7.5	0	0.0
JAMAICA	12	118	0	0.0	2	1.7	0	0.0
KIRIBATI	12	43	0	0.0	6	14.1	7	16.4
MEXICO	3	3	0	0.0	0	0.0	0	0.0
MICRONESIA	12	70	0	0.0	2	2.9	6	8.6
NICARAGUA	12	179	0	0.0	18	10.0	0	0.0
PANAMA	12	147	3	2.0	2	1.4	0	0.0
PARAGUAY	12	200	0	0.0	3	1.5	0	0.0
PERU	12	74	0	0.0	4	5.4	0	0.0
SAMOA	12	53	0	0.0	6	11.4	1	1.9
SURINAME	12	51	0	0.0	0	0.0	0	0.0
TONGA	12	58	0	0.0	2	3.4	3	5.1
VANUATU	12	76	0	0.0	2	2.6	5	6.6
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>3</b>	<b>0.1</b>	<b>134</b>	<b>5.3</b>	<b>25</b>	<b>1.0</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>4</b>	<b>0.1</b>	<b>341</b>	<b>4.7</b>	<b>201</b>	<b>2.8</b>

Country	ESS Reports	VT years in 2004	Mental Health		Asthma		Lower Respiratory	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	15	15.1	2	2.0	8	8.1
BOTSWANA	12	39	7	18.1	0	0.0	0	0.0
BURKINA FASO	12	95	34	35.7	8	8.4	9	9.4
CAMEROON	12	132	37	27.9	0	0.0	5	3.8
CAPE VERDE	12	42	19	45.1	1	2.4	9	21.4
CHAD	12	22	7	31.8	0	0.0	0	0.0
GABON	12	45	0	0.0	0	0.0	2	4.4
GAMBIA	12	97	58	59.7	0	0.0	1	1.0
GHANA	12	138	15	10.9	0	0.0	0	0.0
GUINEA	12	100	43	42.8	0	0.0	0	0.0
KENYA	12	160	48	30.0	0	0.0	2	1.3
LESOTHO	12	102	51	50.0	0	0.0	0	0.0
MADAGASCAR	12	120	35	29.2	5	4.2	8	6.7
MALAWI	12	110	12	10.9	1	0.9	5	4.6
MALI	12	181	31	17.1	0	0.0	12	6.6
MAURITANIA	12	81	1	1.2	3	3.7	16	19.7
MOZAMBIQUE	12	82	12	14.7	2	2.4	4	4.9
NAMIBIA	12	101	8	7.9	0	0.0	2	2.0
NIGER	12	119	32	27.0	0	0.0	12	10.1
SENEGAL	12	139	132	95.3	5	3.6	16	11.5
SOUTH AFRICA	12	113	40	35.3	0	0.0	0	0.0
SWAZILAND	12	35	9	25.4	0	0.0	2	5.7
TANZANIA	12	152	32	21.1	3	2.0	0	0.0
TOGO	12	110	39	35.6	4	3.6	1	0.9
UGANDA	12	47	10	21.1	0	0.0	5	10.5
ZAMBIA	12	142	15	10.6	1	0.7	3	2.1
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>742</b>	<b>28.5</b>	<b>35</b>	<b>1.3</b>	<b>122</b>	<b>4.7</b>
ALBANIA	12	49	6	12.2	6	12.2	9	18.4
ARMENIA	12	88	0	0.0	0	0.0	1	1.1
AZERBAIJAN	12	38	4	10.7	4	10.7	1	2.7
BANGLADESH	12	78	27	34.4	1	1.3	6	7.6
BULGARIA	12	166	79	47.5	9	5.4	15	9.0
CHINA	6	21	0	0.0	1	4.8	0	0.0
GEORGIA	12	46	17	36.7	4	8.6	6	13.0
JORDAN	11	28	4	14.4	0	0.0	3	10.8
KAZAKHSTAN	12	135	19	14.1	1	0.7	3	2.2
KYRGYZ REPUBLIC	12	121	53	43.7	0	0.0	3	2.5
MACEDONIA	12	49	18	36.7	2	4.1	1	2.0
MOLDOVA	12	123	28	22.7	13	10.5	20	16.2
MONGOLIA	12	91	49	54.0	1	1.1	1	1.1
MOROCCO	12	101	34	33.7	1	1.0	20	19.8
NEPAL	9	73	67	91.9	9	12.3	6	8.2
PHILIPPINES	12	140	41	29.3	1	0.7	8	5.7
ROMANIA	12	188	10	5.3	1	0.5	24	12.8
THAILAND	12	98	13	13.3	2	2.0	10	10.2
TURKMENISTAN	12	85	14	16.5	2	2.4	7	8.2
UKRAINE	12	301	102	33.9	4	1.3	14	4.6
UZBEKISTAN	12	158	79	50.0	0	0.0	0	0.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>664</b>	<b>30.5</b>	<b>62</b>	<b>2.8</b>	<b>158</b>	<b>7.3</b>
BELIZE	12	68	3	4.4	0	0.0	1	1.5
BOLIVIA	12	153	41	26.8	0	0.0	0	0.0
COSTA RICA	12	67	18	27.0	3	4.5	0	0.0
DOMINICAN REPUBLIC	12	166	68	40.9	9	5.4	14	8.4
EAST TIMOR	12	23	13	56.8	0	0.0	0	0.0
EASTERN CARIBBEAN	12	132	122	92.2	0	0.0	9	6.8
ECUADOR	12	158	99	62.8	7	4.4	8	5.1
EL SALVADOR	12	116	42	36.3	0	0.0	11	9.5
FIJI	12	34	35	101.5	0	0.0	0	0.0
GUATEMALA	12	204	34	16.7	10	4.9	35	17.2
GUYANA	12	65	8	12.3	2	3.1	2	3.1
HAITI	7	15	0	0.0	0	0.0	0	0.0
HONDURAS	12	239	64	26.7	3	1.3	18	7.5
JAMAICA	12	118	27	22.9	1	0.8	12	10.2
KIRIBATI	12	43	33	77.5	0	0.0	0	0.0
MEXICO	3	3	5	170.6	0	0.0	0	0.0
MICRONESIA	12	70	12	17.3	1	1.4	1	1.4
NICARAGUA	12	179	35	19.5	5	2.8	10	5.6
PANAMA	12	147	9	6.1	3	2.0	0	0.0
PARAGUAY	12	200	56	28.0	12	6.0	21	10.5
PERU	12	74	12	16.1	0	0.0	1	1.3
SAMOA	12	53	34	64.6	0	0.0	7	13.3
SURINAME	12	51	9	17.7	0	0.0	11	21.7
TONGA	12	58	0	0.0	0	0.0	0	0.0
VANUATU	12	76	23	30.4	0	0.0	0	0.0
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>802</b>	<b>32.0</b>	<b>56</b>	<b>2.2</b>	<b>161</b>	<b>6.4</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>2208</b>	<b>30.3</b>	<b>153</b>	<b>2.1</b>	<b>441</b>	<b>6.1</b>



Country	ESS Reports	VT years in 2004	Upper Respiratory		Pregnancy		Female VT Years in 2004	Pregnancy Incidence per Female VT Years
			Cases	Incidence	Cases	Incidence		
BENIN	12	99	41	41.3	2	2.0	67.8	3.0
BOTSWANA	12	39	16	41.3	1	2.6	28.4	3.5
BURKINA FASO	12	95	34	35.7	0	0.0	65.6	0.0
CAMEROON	12	132	32	24.2	0	0.0	79.5	0.0
CAPE VERDE	12	42	8	19.0	0	0.0	20.4	0.0
CHAD	12	22	5	22.7	0	0.0	10.8	0.0
GABON	12	45	15	33.4	0	0.0	36.2	0.0
GAMBIA	12	97	36	37.1	0	0.0	59.2	0.0
GHANA	12	138	15	10.9	0	0.0	76.0	0.0
GUINEA	12	100	77	76.7	1	1.0	67.8	1.5
KENYA	12	160	9	5.6	1	0.6	100.1	1.0
LESOTHO	12	102	19	18.6	0	0.0	61.4	0.0
MADAGASCAR	12	120	53	44.2	0	0.0	84.6	0.0
MALAWI	12	110	29	26.5	0	0.0	67.5	0.0
MALI	12	181	74	40.9	0	0.0	107.0	0.0
MAURITANIA	12	81	37	45.5	0	0.0	51.2	0.0
MOZAMBIQUE	12	82	48	58.7	0	0.0	57.5	0.0
NAMIBIA	12	101	31	30.7	0	0.0	58.7	0.0
NIGER	12	119	73	61.6	1	0.8	76.5	1.3
SENEGAL	12	139	132	95.3	1	0.7	91.1	1.1
SOUTH AFRICA	12	113	23	20.3	0	0.0	71.6	0.0
SWAZILAND	12	35	22	62.2	0	0.0	26.4	0.0
TANZANIA	12	152	41	27.0	0	0.0	84.2	0.0
TOGO	12	110	57	52.0	0	0.0	79.0	0.0
UGANDA	12	47	18	37.9	0	0.0	31.7	0.0
ZAMBIA	12	142	34	24.0	0	0.0	71.3	0.0
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>979</b>	<b>37.6</b>	<b>7</b>	<b>0.3</b>	<b>1631.3</b>	<b>0.4</b>
ALBANIA	12	49	26	53.1	0	0.0	24.8	0.0
ARMENIA	12	88	61	69.6	0	0.0	46.6	0.0
AZERBAIJAN	12	38	16	42.6	0	0.0	21.6	0.0
BANGLADESH	12	78	43	54.8	1	1.3	44.4	2.3
BULGARIA	12	166	108	64.9	0	0.0	89.2	0.0
CHINA	6	21	25	121.1	0	0.0	11.3	0.0
GEORGIA	12	46	38	82.1	0	0.0	23.4	0.0
JORDAN	11	28	12	43.3	0	0.0	16.5	0.0
KAZAKHSTAN	12	135	57	42.4	0	0.0	54.6	0.0
KYRGYZ REPUBLIC	12	121	89	73.4	0	0.0	51.9	0.0
MACEDONIA	12	49	50	101.9	0	0.0	26.1	0.0
MOLDOVA	12	123	75	60.8	1	0.8	67.2	1.5
MONGOLIA	12	91	65	71.6	0	0.0	42.3	0.0
MOROCCO	12	101	65	64.4	0	0.0	57.3	0.0
NEPAL	9	73	78	107.0	0	0.0	43.1	0.0
PHILIPPINES	12	140	42	30.0	1	0.7	71.9	1.4
ROMANIA	12	188	80	42.6	0	0.0	89.4	0.0
THAILAND	12	98	34	34.8	0	0.0	53.6	0.0
TURKMENISTAN	12	85	18	21.2	0	0.0	48.0	0.0
UKRAINE	12	301	165	54.8	0	0.0	153.1	0.0
UZBEKISTAN	12	158	44	27.8	1	0.6	93.5	1.1
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>1191</b>	<b>54.7</b>	<b>4</b>	<b>0.2</b>	<b>1129.9</b>	<b>0.4</b>
BELIZE	12	68	30	44.1	1	1.5	42.8	2.3
BOLIVIA	12	153	155	101.4	0	0.0	84.1	0.0
COSTA RICA	12	67	26	39.0	1	1.5	46.7	2.1
DOMINICAN REPUBLIC	12	166	84	50.6	5	3.0	109.8	4.6
EAST TIMOR	12	23	17	74.3	0	0.0	11.9	0.0
EASTERN CARIBBEAN	12	132	136	102.8	0	0.0	87.1	0.0
ECUADOR	12	158	102	64.7	1	0.6	91.1	1.1
EL SALVADOR	12	116	95	82.1	0	0.0	69.6	0.0
FIJI	12	34	29	84.1	0	0.0	20.6	0.0
GUATEMALA	12	204	111	54.5	3	1.5	114.9	2.6
GUYANA	12	65	9	13.9	1	1.5	36.9	2.7
HAITI	7	15	1	6.9	0	0.0	7.0	0.0
HONDURAS	12	239	92	38.4	1	0.4	129.0	0.8
JAMAICA	12	118	42	35.6	2	1.7	70.8	2.8
KIRIBATI	12	43	33	77.5	0	0.0	28.6	0.0
MEXICO	3	3	3	102.4	0	0.0	0.5	0.0
MICRONESIA	12	70	69	99.2	2	2.9	45.4	4.4
NICARAGUA	12	179	97	54.1	1	0.6	103.4	1.0
PANAMA	12	147	62	42.2	0	0.0	81.8	0.0
PARAGUAY	12	200	68	34.0	1	0.5	118.8	0.8
PERU	12	74	24	32.2	0	0.0	43.8	0.0
SAMOA	12	53	58	110.2	0	0.0	26.2	0.0
SURINAME	12	51	49	96.5	0	0.0	27.2	0.0
TONGA	12	58	28	48.0	2	3.4	25.9	7.7
VANUATU	12	76	45	59.5	1	1.3	34.6	2.9
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>1465</b>	<b>58.4</b>	<b>22</b>	<b>0.9</b>	<b>1458.4</b>	<b>1.5</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>3635</b>	<b>49.9</b>	<b>33</b>	<b>0.5</b>	<b>4219.6</b>	<b>0.8</b>

Country	ESS Reports	VT years in 2004	Other Gynecological		Female VT Years in 2004	Oth. Gyn. Incidence per Female VT Years
			Cases	Incidence		
BENIN	12	99	22	22.2	67.8	32.5
BOTSWANA	12	39	10	25.8	28.4	35.2
BURKINA FASO	12	95	27	28.3	65.6	41.2
CAMEROON	12	132	15	11.3	79.5	18.9
CAPE VERDE	12	42	4	9.5	20.4	19.6
CHAD	12	22	3	13.6	10.8	27.8
GABON	12	45	2	4.4	36.2	5.5
GAMBIA	12	97	15	15.4	59.2	25.4
GHANA	12	138	6	4.4	76.0	7.9
GUINEA	12	100	42	41.8	67.8	61.9
KENYA	12	160	0	0.0	100.1	0.0
LESOTHO	12	102	7	6.9	61.4	11.4
MADAGASCAR	12	120	20	16.7	84.6	23.6
MALAWI	12	110	7	6.4	67.5	10.4
MALI	12	181	10	5.5	107.0	9.3
MAURITANIA	12	81	10	12.3	51.2	19.5
MOZAMBIQUE	12	82	22	26.9	57.5	38.2
NAMIBIA	12	101	5	5.0	58.7	8.5
NIGER	12	119	23	19.4	76.5	30.1
SENEGAL	12	139	21	15.2	91.1	23.1
SOUTH AFRICA	12	113	10	8.8	71.6	14.0
SWAZILAND	12	35	3	8.5	26.4	11.4
TANZANIA	12	152	16	10.5	84.2	19.0
TOGO	12	110	13	11.9	79.0	16.5
UGANDA	12	47	8	16.9	31.7	25.3
ZAMBIA	12	142	0	0.0	71.3	0.0
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>321</b>	<b>12.3</b>	<b>1631.3</b>	<b>19.7</b>
ALBANIA	12	49	0	0.0	24.8	0.0
ARMENIA	12	88	0	0.0	46.6	0.0
AZERBAIJAN	12	38	8	21.3	21.6	37.1
BANGLADESH	12	78	24	30.6	44.4	54.0
BULGARIA	12	166	20	12.0	89.2	22.4
CHINA	6	21	2	9.7	11.3	17.7
GEORGIA	12	46	3	6.5	23.4	12.8
JORDAN	11	28	1	3.6	16.5	6.1
KAZAKHSTAN	12	135	4	3.0	54.6	7.3
KYRGYZ REPUBLIC	12	121	11	9.1	51.9	21.2
MACEDONIA	12	49	4	8.2	26.1	15.3
MOLDOVA	12	123	15	12.2	67.2	22.3
MONGOLIA	12	91	9	9.9	42.3	21.3
MOROCCO	12	101	5	5.0	57.3	8.7
NEPAL	9	73	15	20.6	43.1	34.8
PHILIPPINES	12	140	22	15.7	71.9	30.6
ROMANIA	12	188	38	20.3	89.4	42.5
THAILAND	12	98	12	12.3	53.6	22.4
TURKMENISTAN	12	85	0	0.0	48.0	0.0
UKRAINE	12	301	25	8.3	153.1	16.3
UZBEKISTAN	12	158	13	8.2	93.5	13.9
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>231</b>	<b>10.6</b>	<b>1129.9</b>	<b>20.4</b>
BELIZE	12	68	14	20.6	42.8	32.7
BOLIVIA	12	153	28	18.3	84.1	33.3
COSTA RICA	12	67	16	24.0	46.7	34.3
DOMINICAN REPUBLIC	12	166	42	25.3	109.8	38.3
EAST TIMOR	12	23	3	13.1	11.9	25.3
EASTERN CARIBBEAN	12	132	105	79.3	87.1	120.6
ECUADOR	12	158	33	20.9	91.1	36.2
EL SALVADOR	12	116	27	23.3	69.6	38.8
FIJI	12	34	0	0.0	20.6	0.0
GUATEMALA	12	204	17	8.3	114.9	14.8
GUYANA	12	65	2	3.1	36.9	5.4
HAITI	7	15	0	0.0	7.0	0.0
HONDURAS	12	239	22	9.2	129.0	17.1
JAMAICA	12	118	24	20.3	70.8	33.9
KIRIBATI	12	43	2	4.7	28.6	7.0
MEXICO	3	3	0	0.0	0.5	0.0
MICRONESIA	12	70	28	40.3	45.4	61.7
NICARAGUA	12	179	20	11.2	103.4	19.3
PANAMA	12	147	11	7.5	81.8	13.5
PARAGUAY	12	200	47	23.5	118.8	39.6
PERU	12	74	1	1.3	43.8	2.3
SAMOA	12	53	11	20.9	26.2	41.9
SURINAME	12	51	19	37.4	27.2	69.7
TONGA	12	58	11	18.9	25.9	42.5
VANUATU	12	76	5	6.6	34.6	14.5
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>488</b>	<b>19.4</b>	<b>1458.4</b>	<b>33.5</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>1040</b>	<b>14.3</b>	<b>4219.6</b>	<b>24.6</b>

Country	ESS Reports	VT years in 2004	Genital Ulcers		Genital Warts		Other STDs	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	0	0.0	0	0.0	0	0.0
BOTSWANA	12	39	0	0.0	0	0.0	0	0.0
BURKINA FASO	12	95	3	3.1	4	4.2	2	2.1
CAMEROON	12	132	0	0.0	1	0.8	3	2.3
CAPE VERDE	12	42	0	0.0	0	0.0	2	4.7
CHAD	12	22	1	4.5	0	0.0	0	0.0
GABON	12	45	0	0.0	0	0.0	0	0.0
GAMBIA	12	97	1	1.0	2	2.1	0	0.0
GHANA	12	138	2	1.5	0	0.0	0	0.0
GUINEA	12	100	0	0.0	0	0.0	3	3.0
KENYA	12	160	2	1.3	3	1.9	3	1.9
LESOTHO	12	102	0	0.0	0	0.0	0	0.0
MADAGASCAR	12	120	0	0.0	3	2.5	0	0.0
MALAWI	12	110	0	0.0	0	0.0	2	1.8
MALI	12	181	0	0.0	1	0.6	3	1.7
MAURITANIA	12	81	0	0.0	0	0.0	0	0.0
MOZAMBIQUE	12	82	3	3.7	1	1.2	14	17.1
NAMIBIA	12	101	1	1.0	0	0.0	1	1.0
NIGER	12	119	0	0.0	2	1.7	1	0.8
SENEGAL	12	139	0	0.0	4	2.9	0	0.0
SOUTH AFRICA	12	113	3	2.6	1	0.9	3	2.6
SWAZILAND	12	35	0	0.0	0	0.0	1	2.8
TANZANIA	12	152	0	0.0	1	0.7	0	0.0
TOGO	12	110	0	0.0	2	1.8	0	0.0
UGANDA	12	47	0	0.0	0	0.0	0	0.0
ZAMBIA	12	142	0	0.0	5	3.5	1	0.7
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>16</b>	<b>0.6</b>	<b>30</b>	<b>1.2</b>	<b>39</b>	<b>1.5</b>
ALBANIA	12	49	0	0.0	2	4.1	1	2.0
ARMENIA	12	88	0	0.0	1	1.1	0	0.0
AZERBAIJAN	12	38	2	5.3	0	0.0	0	0.0
BANGLADESH	12	78	0	0.0	1	1.3	3	3.8
BULGARIA	12	166	0	0.0	4	2.4	10	6.0
CHINA	6	21	0	0.0	0	0.0	0	0.0
GEORGIA	12	46	0	0.0	1	2.2	2	4.3
JORDAN	11	28	0	0.0	0	0.0	0	0.0
KAZAKHSTAN	12	135	0	0.0	2	1.5	1	0.7
KYRGYZ REPUBLIC	12	121	0	0.0	0	0.0	0	0.0
MACEDONIA	12	49	0	0.0	0	0.0	6	12.2
MOLDOVA	12	123	1	0.8	3	2.4	1	0.8
MONGOLIA	12	91	0	0.0	1	1.1	0	0.0
MOROCCO	12	101	0	0.0	1	1.0	5	5.0
NEPAL	9	73	0	0.0	1	1.4	1	1.4
PHILIPPINES	12	140	0	0.0	1	0.7	1	0.7
ROMANIA	12	188	0	0.0	1	0.5	1	0.5
THAILAND	12	98	0	0.0	2	2.0	0	0.0
TURKMENISTAN	12	85	0	0.0	0	0.0	0	0.0
UKRAINE	12	301	1	0.3	1	0.3	4	1.3
UZBEKISTAN	12	158	5	3.2	2	1.3	1	0.6
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>9</b>	<b>0.4</b>	<b>24</b>	<b>1.1</b>	<b>37</b>	<b>1.7</b>
BELIZE	12	68	0	0.0	0	0.0	1	1.5
BOLIVIA	12	153	2	1.3	0	0.0	1	0.7
COSTA RICA	12	67	0	0.0	1	1.5	2	3.0
DOMINICAN REPUBLIC	12	166	0	0.0	1	0.6	10	6.0
EAST TIMOR	12	23	0	0.0	0	0.0	1	4.4
EASTERN CARIBBEAN	12	132	0	0.0	0	0.0	0	0.0
ECUADOR	12	158	1	0.6	5	3.2	3	1.9
EL SALVADOR	12	116	1	0.9	3	2.6	0	0.0
FIJI	12	34	0	0.0	0	0.0	0	0.0
GUATEMALA	12	204	0	0.0	5	2.5	3	1.5
GUYANA	12	65	2	3.1	1	1.5	0	0.0
HAITI	7	15	0	0.0	0	0.0	1	6.9
HONDURAS	12	239	0	0.0	3	1.3	3	1.3
JAMAICA	12	118	2	1.7	0	0.0	1	0.8
KIRIBATI	12	43	0	0.0	0	0.0	0	0.0
MEXICO	3	3	0	0.0	0	0.0	0	0.0
MICRONESIA	12	70	3	4.3	1	1.4	2	2.9
NICARAGUA	12	179	1	0.6	2	1.1	7	3.9
PANAMA	12	147	0	0.0	0	0.0	0	0.0
PARAGUAY	12	200	0	0.0	6	3.0	22	11.0
PERU	12	74	0	0.0	3	4.0	0	0.0
SAMOA	12	53	0	0.0	2	3.8	1	1.9
SURINAME	12	51	0	0.0	0	0.0	0	0.0
TONGA	12	58	0	0.0	0	0.0	1	1.7
VANUATU	12	76	0	0.0	4	5.3	0	0.0
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>12</b>	<b>0.5</b>	<b>37</b>	<b>1.5</b>	<b>59</b>	<b>2.4</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>37</b>	<b>0.5</b>	<b>91</b>	<b>1.2</b>	<b>135</b>	<b>1.9</b>

Country	ESS Reports	VT years in 2004	Schistosomiasis		Positive PPD Test		Active Tuberculosis	
			Cases	Incidence	Cases	Incidence	Cases	Incidence
BENIN	12	99	2	2.0	0	0.0	0	0.0
BOTSWANA	12	39	0	0.0	0	0.0	0	0.0
BURKINA FASO	12	95	1	1.0	1	1.0	0	0.0
CAMEROON	12	132	0	0.0	1	0.8	0	0.0
CAPE VERDE	12	42	0	0.0	0	0.0	0	0.0
CHAD	12	22	0	0.0	0	0.0	0	0.0
GABON	12	45	0	0.0	0	0.0	0	0.0
GAMBIA	12	97	0	0.0	0	0.0	0	0.0
GHANA	12	138	0	0.0	0	0.0	0	0.0
GUINEA	12	100	4	4.0	1	1.0	0	0.0
KENYA	12	160	0	0.0	3	1.9	0	0.0
LESOTHO	12	102	0	0.0	6	5.9	0	0.0
MADAGASCAR	12	120	0	0.0	1	0.8	0	0.0
MALAWI	12	110	2	1.8	1	0.9	0	0.0
MALI	12	181	3	1.7	15	8.3	0	0.0
MAURITANIA	12	81	1	1.2	0	0.0	0	0.0
MOZAMBIQUE	12	82	2	2.4	0	0.0	0	0.0
NAMIBIA	12	101	0	0.0	0	0.0	0	0.0
NIGER	12	119	0	0.0	1	0.8	0	0.0
SENEGAL	12	139	2	1.4	0	0.0	0	0.0
SOUTH AFRICA	12	113	0	0.0	5	4.4	0	0.0
SWAZILAND	12	35	0	0.0	0	0.0	0	0.0
TANZANIA	12	152	0	0.0	0	0.0	0	0.0
TOGO	12	110	0	0.0	3	2.7	0	0.0
UGANDA	12	47	7	14.8	4	8.4	0	0.0
ZAMBIA	12	142	0	0.0	1	0.7	0	0.0
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>24</b>	<b>0.9</b>	<b>43</b>	<b>1.7</b>	<b>0</b>	<b>0.0</b>
ALBANIA	12	49	0	0.0	1	2.0	0	0.0
ARMENIA	12	88	0	0.0	0	0.0	0	0.0
AZERBAIJAN	12	38	0	0.0	1	2.7	0	0.0
BANGLADESH	12	78	0	0.0	0	0.0	0	0.0
BULGARIA	12	166	0	0.0	2	1.2	0	0.0
CHINA	6	21	0	0.0	0	0.0	0	0.0
GEORGIA	12	46	0	0.0	0	0.0	0	0.0
JORDAN	11	28	0	0.0	0	0.0	0	0.0
KAZAKHSTAN	12	135	0	0.0	7	5.2	0	0.0
KYRGYZ REPUBLIC	12	121	0	0.0	2	1.6	0	0.0
MACEDONIA	12	49	0	0.0	0	0.0	0	0.0
MOLDOVA	12	123	0	0.0	1	0.8	0	0.0
MONGOLIA	12	91	0	0.0	1	1.1	0	0.0
MOROCCO	12	101	0	0.0	2	2.0	0	0.0
NEPAL	9	73	0	0.0	2	2.7	0	0.0
PHILIPPINES	12	140	0	0.0	0	0.0	0	0.0
ROMANIA	12	188	0	0.0	2	1.1	0	0.0
THAILAND	12	98	0	0.0	3	3.1	0	0.0
TURKMENISTAN	12	85	0	0.0	1	1.2	0	0.0
UKRAINE	12	301	0	0.0	1	0.3	0	0.0
UZBEKISTAN	12	158	0	0.0	2	1.3	0	0.0
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>0</b>	<b>0.0</b>	<b>28</b>	<b>1.3</b>	<b>0</b>	<b>0.0</b>
BELIZE	12	68	0	0.0	0	0.0	0	0.0
BOLIVIA	12	153	0	0.0	2	1.3	0	0.0
COSTA RICA	12	67	0	0.0	0	0.0	0	0.0
DOMINICAN REPUBLIC	12	166	0	0.0	0	0.0	0	0.0
EAST TIMOR	12	23	0	0.0	0	0.0	0	0.0
EASTERN CARIBBEAN	12	132	0	0.0	0	0.0	0	0.0
ECUADOR	12	158	0	0.0	2	1.3	0	0.0
EL SALVADOR	12	116	0	0.0	0	0.0	0	0.0
FIJI	12	34	0	0.0	0	0.0	0	0.0
GUATEMALA	12	204	0	0.0	7	3.4	0	0.0
GUYANA	12	65	0	0.0	5	7.7	0	0.0
HAITI	7	15	0	0.0	0	0.0	0	0.0
HONDURAS	12	239	0	0.0	1	0.4	0	0.0
JAMAICA	12	118	0	0.0	0	0.0	0	0.0
KIRIBATI	12	43	0	0.0	0	0.0	0	0.0
MEXICO	3	3	0	0.0	0	0.0	0	0.0
MICRONESIA	12	70	0	0.0	0	0.0	0	0.0
NICARAGUA	12	179	0	0.0	1	0.6	0	0.0
PANAMA	12	147	0	0.0	0	0.0	0	0.0
PARAGUAY	12	200	0	0.0	0	0.0	0	0.0
PERU	12	74	0	0.0	0	0.0	0	0.0
SAMOA	12	53	0	0.0	0	0.0	0	0.0
SURINAME	12	51	0	0.0	0	0.0	0	0.0
TONGA	12	58	0	0.0	1	1.7	0	0.0
VANUATU	12	76	0	0.0	0	0.0	0	0.0
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>0</b>	<b>0.0</b>	<b>19</b>	<b>0.8</b>	<b>0</b>	<b>0.0</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>24</b>	<b>0.3</b>	<b>90</b>	<b>1.2</b>	<b>0</b>	<b>0.0</b>

Country	ESS Reports	VT years in 2004	PCMO Contacts in 2004	PCMO Contacts per Month	PCMO Contacts per Mo. Per VT year	No.PCVS Reported on ESS for 2004	Chloroquine	
							#	%
BENIN	12	99	2295	191	1.93	1203	0	0.0%
BOTSWANA	12	39	647	54	1.39	487	0	0.0%
BURKINA FASO	12	95	3187	266	2.79	1133	0	0.0%
CAMEROON	12	132	2790	233	1.76	1597	0	0.0%
CAPE VERDE	12	42	1069	89	2.11	529	0	0.0%
CHAD	12	22	766	64	2.90	272	0	0.0%
GABON	12	45	942	79	1.75	544	0	0.0%
GAMBIA	12	97	1634	136	1.40	1153	0	0.0%
GHANA	12	138	1614	135	0.98	1686	0	0.0%
GUINEA	12	100	2302	192	1.91	1271	0	0.0%
KENYA	12	160	7540	628	3.93	1951	0	0.0%
LESOTHO	12	102	2031	169	1.66	1241	0	0.0%
MADAGASCAR	12	120	1867	156	1.30	1446	0	0.0%
MALAWI	12	110	3237	270	2.46	1332	0	0.0%
MALI	12	181	3226	269	1.49	2168	0	0.0%
MAURITANIA	12	81	1865	155	1.91	971	0	0.0%
MOZAMBIQUE	12	82	1319	110	1.34	980	0	0.0%
NAMIBIA	12	101	943	79	0.78	1203	0	0.0%
NIGER	12	119	1324	110	0.93	1430	0	0.0%
SENEGAL	12	139	5232	436	3.15	1661	0	0.0%
SOUTH AFRICA	12	113	618	52	0.45	1397	0	0.0%
SWAZILAND	12	35	444	37	1.05	413	0	0.0%
TANZANIA	12	152	2054	171	1.13	1930	0	0.0%
TOGO	12	110	3297	275	2.51	1337	0	0.0%
UGANDA	12	47	2052	171	3.61	580	0	0.0%
ZAMBIA	12	142	1007	84	0.59	1752	0	0.0%
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>55302</b>	<b>4609</b>	<b>1.77</b>	<b>31667</b>	<b>0</b>	<b>0.0%</b>
ALBANIA	12	49	822	69	1.40	600	0	0.0%
ARMENIA	12	88	2321	193	2.21	1079	0	0.0%
AZERBAIJAN	12	38	875	73	1.94	439	5	1.1%
BANGLADESH	12	78	2074	173	2.20	978	0	0.0%
BULGARIA	12	166	4207	351	2.11	2027	0	0.0%
CHINA	6	21	1052	175	8.49	276	0	0.0%
GEORGIA	12	46	955	80	1.72	562	0	0.0%
JORDAN	11	28	935	85	3.07	339	0	0.0%
KAZAKHSTAN	12	135	2747	229	1.70	1619	0	0.0%
KYRGYZ REPUBLIC	12	121	4151	346	2.85	1498	215	14.4%
MACEDONIA	12	49	1044	87	1.77	591	0	0.0%
MOLDOVA	12	123	2863	239	1.93	1464	0	0.0%
MONGOLIA	12	91	1269	106	1.17	1086	0	0.0%
MOROCCO	12	101	1782	149	1.47	1217	0	0.0%
NEPAL	9	73	2234	248	3.41	927	112	12.1%
PHILIPPINES	12	140	2917	243	1.74	1688	1318	78.1%
ROMANIA	12	188	4843	404	2.15	2274	0	0.0%
THAILAND	12	98	1461	122	1.25	1161	0	0.0%
TURKMENISTAN	12	85	842	70	0.83	1018	0	0.0%
UKRAINE	12	301	4446	371	1.23	3588	0	0.0%
UZBEKISTAN	12	158	5180	432	2.73	1908	0	0.0%
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>49020</b>	<b>4254</b>	<b>1.95</b>	<b>26339</b>	<b>1650</b>	<b>6.3%</b>
BELIZE	12	68	1487	124	1.82	839	611	72.8%
BOLIVIA	12	153	5807	484	3.16	1850	889	48.1%
COSTA RICA	12	67	1038	87	1.30	772	776	100.5%
DOMINICAN REPUBLIC	12	166	5250	438	2.63	1927	1918	99.5%
EAST TIMOR	12	23	771	64	2.81	290	0	0.0%
EASTERN CARIBBEAN	12	132	3341	278	2.10	1501	0	0.0%
ECUADOR	12	158	4305	359	2.28	1952	0	0.0%
EL SALVADOR	12	116	5578	465	4.02	1366	1360	99.6%
FIJI	12	34	1114	93	2.69	431	0	0.0%
GUATEMALA	12	204	4049	337	1.66	2445	2378	97.3%
GUYANA	12	65	653	54	0.84	760	0	0.0%
HAITI	7	15	184	26	1.81	189	189	100.0%
HONDURAS	12	239	5283	440	1.84	2879	2787	96.8%
JAMAICA	12	118	2648	221	1.87	1433	0	0.0%
KIRIBATI	12	43	596	50	1.17	496	0	0.0%
MEXICO	3	3	110	37	12.51	35	0	0.0%
MICRONESIA	12	70	1469	122	1.76	841	0	0.0%
NICARAGUA	12	179	4399	367	2.04	2150	2043	95.0%
PANAMA	12	147	3872	323	2.20	1774	1386	78.1%
PARAGUAY	12	200	2923	244	1.22	2487	0	0.0%
PERU	12	74	1485	124	1.66	904	0	0.0%
SAMOA	12	53	1612	134	2.55	643	0	0.0%
SURINAME	12	51	1490	124	2.45	619	0	0.0%
TONGA	12	58	2750	229	3.93	735	0	0.0%
VANUATU	12	76	2537	211	2.80	943	0	0.0%
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>64751</b>	<b>5660</b>	<b>2.25</b>	<b>30261</b>	<b>14337</b>	<b>47.4%</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>169073</b>	<b>14492</b>	<b>1.99</b>	<b>88267</b>	<b>15987</b>	<b>18.1%</b>

Health of the Volunteer 2004  
Appendix C

Country	ESS Reports	VT years in 2004	Mefloquine		Doxycycline		Malarone		Other	
			#	%	#	%	#	%	#	%
BENIN	12	99	762	63.3%	406	33.7%	42	3.5%	0	0.0%
BOTSWANA	12	39	391	80.3%	100	20.5%	31	6.4%	0	0.0%
BURKINA FASO	12	95	849	74.9%	229	20.2%	56	4.9%	1	0.1%
CAMEROON	12	132	1154	72.3%	443	27.7%	0	0.0%	0	0.0%
CAPE VERDE	12	42	120	22.7%	44	8.3%	0	0.0%	0	0.0%
CHAD	12	22	231	84.9%	41	15.1%	0	0.0%	0	0.0%
GABON	12	45	436	80.1%	64	11.8%	44	8.1%	0	0.0%
GAMBIA	12	97	882	76.5%	201	17.4%	89	7.7%	0	0.0%
GHANA	12	138	1294	76.7%	304	18.0%	82	4.9%	0	0.0%
GUINEA	12	100	919	72.3%	333	26.2%	13	1.0%	0	0.0%
KENYA	12	160	1405	72.0%	441	22.6%	105	5.4%	0	0.0%
LESOTHO	12	102	88	7.1%	18	1.5%	27	2.2%	0	0.0%
MADAGASCAR	12	120	1096	75.8%	289	20.0%	64	4.4%	0	0.0%
MALAWI	12	110	1094	82.1%	187	14.0%	49	3.7%	2	0.2%
MALI	12	181	1323	61.0%	696	32.1%	149	6.9%	0	0.0%
MAURITANIA	12	81	792	81.6%	170	17.5%	9	0.9%	0	0.0%
MOZAMBIQUE	12	82	578	59.0%	330	33.7%	59	6.0%	0	0.0%
NAMIBIA	12	101	1029	85.5%	226	18.8%	14	1.2%	0	0.0%
NIGER	12	119	926	64.8%	408	28.5%	95	6.6%	3	0.2%
SENEGAL	12	139	1297	78.1%	228	13.7%	171	10.3%	0	0.0%
SOUTH AFRICA	12	113	801	57.3%	437	31.3%	33	2.4%	0	0.0%
SWAZILAND	12	35	389	94.2%	24	5.8%	0	0.0%	0	0.0%
TANZANIA	12	152	1569	81.3%	280	14.5%	77	4.0%	0	0.0%
TOGO	12	110	949	71.0%	269	20.1%	140	10.5%	0	0.0%
UGANDA	12	47	449	77.4%	102	17.6%	29	5.0%	0	0.0%
ZAMBIA	12	142	1360	77.6%	362	20.7%	30	1.7%	0	0.0%
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>22183</b>	<b>70.1%</b>	<b>6632</b>	<b>20.9%</b>	<b>1408</b>	<b>4.4%</b>	<b>6</b>	<b>0.0%</b>
ALBANIA	12	49	0	0.0%	0	0.0%	0	0.0%	0	0.0%
ARMENIA	12	88	0	0.0%	0	0.0%	0	0.0%	0	0.0%
AZERBAIJAN	12	38	0	0.0%	5	1.1%	0	0.0%	0	0.0%
BANGLADESH	12	78	725	74.1%	240	24.5%	12	1.2%	0	0.0%
BULGARIA	12	166	0	0.0%	0	0.0%	0	0.0%	0	0.0%
CHINA	6	21	0	0.0%	0	0.0%	0	0.0%	0	0.0%
GEORGIA	12	46	0	0.0%	0	0.0%	0	0.0%	0	0.0%
JORDAN	11	28	0	0.0%	0	0.0%	0	0.0%	0	0.0%
KAZAKHSTAN	12	135	0	0.0%	4	0.2%	0	0.0%	0	0.0%
KYRGYZ REPUBLIC	12	121	0	0.0%	54	3.6%	0	0.0%	0	0.0%
MACEDONIA	12	49	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MOLDOVA	12	123	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MONGOLIA	12	91	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MOROCCO	12	101	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NEPAL	9	73	400	43.1%	39	4.2%	0	0.0%	0	0.0%
PHILIPPINES	12	140	253	15.0%	24	1.4%	95	5.6%	0	0.0%
ROMANIA	12	188	0	0.0%	0	0.0%	0	0.0%	0	0.0%
THAILAND	12	98	0	0.0%	0	0.0%	0	0.0%	0	0.0%
TURKMENISTAN	12	85	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UKRAINE	12	301	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UZBEKISTAN	12	158	0	0.0%	2	0.1%	3	0.2%	0	0.0%
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>1378</b>	<b>5.2%</b>	<b>368</b>	<b>1.4%</b>	<b>110</b>	<b>0.4%</b>	<b>0</b>	<b>0.0%</b>
BELIZE	12	68	0	0.0%	27	3.2%	0	0.0%	0	0.0%
BOLIVIA	12	153	0	0.0%	0	0.0%	0	0.0%	0	0.0%
COSTA RICA	12	67	0	0.0%	16	2.1%	0	0.0%	0	0.0%
DOMINICAN REPUBLIC	12	166	0	0.0%	21	1.1%	0	0.0%	0	0.0%
EAST TIMOR	12	23	247	85.2%	38	13.1%	5	1.7%	0	0.0%
EASTERN CARIBBEAN	12	132	0	0.0%	0	0.0%	0	0.0%	0	0.0%
ECUADOR	12	158	436	22.3%	446	22.8%	21	1.1%	2	0.1%
EL SALVADOR	12	116	0	0.0%	6	0.4%	0	0.0%	0	0.0%
FIJI	12	34	0	0.0%	0	0.0%	0	0.0%	0	0.0%
GUATEMALA	12	204	52	2.1%	16	0.7%	0	0.0%	0	0.0%
GUYANA	12	65	576	75.8%	131	17.2%	49	6.4%	0	0.0%
HAITI	7	15	0	0.0%	0	0.0%	0	0.0%	0	0.0%
HONDURAS	12	239	0	0.0%	92	3.2%	0	0.0%	0	0.0%
JAMAICA	12	118	0	0.0%	0	0.0%	0	0.0%	0	0.0%
KIRIBATI	12	43	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MEXICO	3	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%
MICRONESIA	12	70	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NICARAGUA	12	179	0	0.0%	109	5.1%	0	0.0%	0	0.0%
PANAMA	12	147	242	13.6%	140	7.9%	6	0.3%	0	0.0%
PARAGUAY	12	200	0	0.0%	0	0.0%	0	0.0%	0	0.0%
PERU	12	74	206	22.8%	79	8.7%	0	0.0%	9	1.0%
SAMOA	12	53	0	0.0%	0	0.0%	0	0.0%	0	0.0%
SURINAME	12	51	193	31.2%	30	4.8%	22	3.6%	0	0.0%
TONGA	12	58	0	0.0%	0	0.0%	0	0.0%	0	0.0%
VANUATU	12	76	413	43.8%	510	54.1%	0	0.0%	20	2.1%
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>2365</b>	<b>7.8%</b>	<b>1661</b>	<b>5.5%</b>	<b>103</b>	<b>0.3%</b>	<b>31</b>	<b>0.1%</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>25926</b>	<b>29.4%</b>	<b>8661</b>	<b>9.8%</b>	<b>1621</b>	<b>1.8%</b>	<b>37</b>	<b>0.0%</b>

Country	ESS Reports	VT years in 2004	Total Any Anti-Malarial		Hepatitis A Vaccine Doses	Hepatitis B Vaccine Doses	Japanese B Encephal. Doses	Meningo-coccus Vaccine Doses
			#	%				
BENIN	12	99	1210	100.6%	59	43	0	40
BOTSWANA	12	39	522	107.2%	46	50	0	25
BURKINA FASO	12	95	1135	100.2%	68	93	0	38
CAMEROON	12	132	1597	100.0%	97	53	0	56
CAPE VERDE	12	42	164	31.0%	38	60	0	26
CHAD	12	22	272	100.0%	31	43	0	17
GABON	12	45	544	100.0%	13	12	0	0
GAMBIA	12	97	1172	101.6%	71	85	0	37
GHANA	12	138	1680	99.6%	51	56	0	56
GUINEA	12	100	1265	99.5%	64	81	0	61
KENYA	12	160	1951	100.0%	117	103	0	69
LESOTHO	12	102	133	10.7%	85	107	0	48
MADAGASCAR	12	120	1449	100.2%	59	92	0	94
MALAWI	12	110	1332	100.0%	112	138	0	55
MALI	12	181	2168	100.0%	112	106	0	80
MAURITANIA	12	81	971	100.0%	73	99	0	38
MOZAMBIQUE	12	82	967	98.7%	100	83	0	30
NAMIBIA	12	101	1269	105.5%	84	108	0	62
NIGER	12	119	1432	100.1%	99	116	0	70
SENEGAL	12	139	1696	102.1%	107	120	0	68
SOUTH AFRICA	12	113	1271	91.0%	123	150	0	69
SWAZILAND	12	35	413	100.0%	44	44	0	29
TANZANIA	12	152	1926	99.8%	134	121	0	0
TOGO	12	110	1358	101.6%	89	119	0	54
UGANDA	12	47	580	100.0%	32	43	0	25
ZAMBIA	12	142	1752	100.0%	59	104	0	34
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>30229</b>	<b>95.5%</b>	<b>1967</b>	<b>2229</b>	<b>0</b>	<b>1181</b>
ALBANIA	12	49	0	0.0%	39	56	0	0
ARMENIA	12	88	0	0.0%	43	83	0	0
AZERBAIJAN	12	38	10	2.3%	42	43	0	0
BANGLADESH	12	78	977	99.9%	71	64	146	48
BULGARIA	12	166	0	0.0%	168	107	0	3
CHINA	6	21	0	0.0%	36	49	138	0
GEORGIA	12	46	0	0.0%	38	49	0	0
JORDAN	11	28	0	0.0%	49	41	0	25
KAZAKHSTAN	12	135	4	0.2%	148	119	0	68
KYRGYZ REPUBLIC	12	121	269	18.0%	89	91	0	64
MACEDONIA	12	49	0	0.0%	48	60	0	0
MOLDOVA	12	123	0	0.0%	116	103	0	0
MONGOLIA	12	91	0	0.0%	89	132	147	49
MOROCCO	12	101	0	0.0%	140	118	0	48
NEPAL	9	73	551	59.4%	76	50	63	21
PHILIPPINES	12	140	1690	100.1%	66	55	80	0
ROMANIA	12	188	0	0.0%	123	137	0	0
THAILAND	12	98	0	0.0%	76	88	105	0
TURKMENISTAN	12	85	0	0.0%	55	40	0	29
UKRAINE	12	301	0	0.0%	194	204	0	203
UZBEKISTAN	12	158	5	0.3%	110	141	0	48
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>3506</b>	<b>13.3%</b>	<b>1816</b>	<b>1830</b>	<b>679</b>	<b>606</b>
BELIZE	12	68	638	76.0%	45	48	0	0
BOLIVIA	12	153	889	48.1%	50	41	0	0
COSTA RICA	12	67	792	102.6%	24	17	0	0
DOMINICAN REPUBLIC	12	166	1939	100.6%	98	57	0	64
EAST TIMOR	12	23	290	100.0%	33	34	92	0
EASTERN CARIBBEAN	12	132	0	0.0%	95	92	0	0
ECUADOR	12	158	905	46.4%	107	93	0	2
EL SALVADOR	12	116	1366	100.0%	56	51	0	0
FIJI	12	34	0	0.0%	30	29	0	0
GUATEMALA	12	204	2446	100.0%	130	123	0	0
GUYANA	12	65	756	99.5%	40	29	0	0
HAITI	7	15	189	100.0%	0	0	0	0
HONDURAS	12	239	2879	100.0%	194	134	0	0
JAMAICA	12	118	0	0.0%	99	89	0	0
KIRIBATI	12	43	0	0.0%	21	36	0	0
MEXICO	3	3	0	0.0%	5	7	0	0
MICRONESIA	12	70	0	0.0%	54	52	0	0
NICARAGUA	12	179	2152	100.1%	113	99	0	0
PANAMA	12	147	1774	100.0%	65	62	0	9
PARAGUAY	12	200	0	0.0%	81	122	0	0
PERU	12	74	294	32.5%	57	58	0	0
SAMOA	12	53	0	0.0%	35	44	0	0
SURINAME	12	51	245	39.6%	21	26	0	0
TONGA	12	58	0	0.0%	43	65	0	0
VANUATU	12	76	943	100.0%	63	57	0	31
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>18497</b>	<b>61.1%</b>	<b>1559</b>	<b>1465</b>	<b>92</b>	<b>106</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>52232</b>	<b>59.2%</b>	<b>5342</b>	<b>5524</b>	<b>771</b>	<b>1893</b>

Country	ESS Reports	VT years in 2004	Rabies Pre-Exp Vaccine Doses	Rabies Post-Exp Vaccine Doses	Rabies HBIG Vaccine Doses	Tick-Borne Encephalitis Vaccine Doses	Oral Typhoid Vaccine	
							# Doses	% of all doses
BENIN	12	99	124	4	0	0	0	0.0%
BOTSWANA	12	39	70	0	0	0	0	0.0%
BURKINA FASO	12	95	110	7	6	0	0	0.0%
CAMEROON	12	132	168	9	0	0	0	0.0%
CAPE VERDE	12	42	77	0	0	0	0	0.0%
CHAD	12	22	54	0	0	0	0	0.0%
GABON	12	45	0	0	0	0	0	0.0%
GAMBIA	12	97	155	0	0	0	0	0.0%
GHANA	12	138	154	5	0	0	0	0.0%
GUINEA	12	100	221	0	0	0	0	0.0%
KENYA	12	160	199	2	0	0	0	0.0%
LESOTHO	12	102	123	6	0	0	0	0.0%
MADAGASCAR	12	120	192	13	0	0	0	0.0%
MALAWI	12	110	134	16	0	0	0	0.0%
MALI	12	181	165	1	0	0	0	0.0%
MAURITANIA	12	81	162	0	0	0	0	0.0%
MOZAMBIQUE	12	82	97	7	0	0	0	0.0%
NAMIBIA	12	101	170	1	0	0	0	0.0%
NIGER	12	119	193	6	0	0	0	0.0%
SENEGAL	12	139	186	6	1	0	0	0.0%
SOUTH AFRICA	12	113	144	8	0	0	31	100.0%
SWAZILAND	12	35	94	4	0	0	0	0.0%
TANZANIA	12	152	139	2	0	0	0	0.0%
TOGO	12	110	118	6	0	0	0	0.0%
UGANDA	12	47	68	2	0	0	0	0.0%
ZAMBIA	12	142	90	4	0	0	0	0.0%
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>3407</b>	<b>109</b>	<b>7</b>	<b>0</b>	<b>31</b>	<b>2.5%</b>
ALBANIA	12	49	0	0	0	0	0	0.0%
ARMENIA	12	88	0	3	1	0	0	0.0%
AZERBAIJAN	12	38	87	1	1	0	0	0.0%
BANGLADESH	12	78	146	2	0	0	0	0.0%
BULGARIA	12	166	0	1	0	0	0	0.0%
CHINA	6	21	127	0	0	0	0	0.0%
GEORGIA	12	46	77	0	0	0	0	0.0%
JORDAN	11	28	0	3	1	0	0	0.0%
KAZAKHSTAN	12	135	204	5	0	161	0	0.0%
KYRGYZ REPUBLIC	12	121	188	5	0	243	0	0.0%
MACEDONIA	12	49	0	0	0	0	0	0.0%
MOLDOVA	12	123	142	4	0	0	0	0.0%
MONGOLIA	12	91	144	2	0	0	0	0.0%
MOROCCO	12	101	259	2	0	0	0	0.0%
NEPAL	9	73	62	30	0	0	0	0.0%
PHILIPPINES	12	140	82	4	1	0	164	100.0%
ROMANIA	12	188	0	13	2	0	0	0.0%
THAILAND	12	98	106	8	2	0	0	0.0%
TURKMENISTAN	12	85	110	2	0	0	0	0.0%
UKRAINE	12	301	3	5	1	0	0	0.0%
UZBEKISTAN	12	158	147	0	0	0	0	0.0%
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>1884</b>	<b>90</b>	<b>9</b>	<b>404</b>	<b>164</b>	<b>13.9%</b>
BELIZE	12	68	131	4	0	0	0	0.0%
BOLIVIA	12	153	158	4	1	0	0	0.0%
COSTA RICA	12	67	85	0	0	0	0	0.0%
DOMINICAN REPUBLIC	12	166	162	0	0	0	0	0.0%
EAST TIMOR	12	23	79	0	0	0	0	0.0%
EASTERN CARIBBEAN	12	132	38	2	0	0	0	0.0%
ECUADOR	12	158	225	6	0	0	0	0.0%
EL SALVADOR	12	116	157	6	1	0	0	0.0%
FIJI	12	34	0	0	0	0	0	0.0%
GUATEMALA	12	204	266	25	0	0	0	0.0%
GUYANA	12	65	51	0	0	0	0	0.0%
HAITI	7	15	0	0	0	0	0	0.0%
HONDURAS	12	239	355	6	0	0	0	0.0%
JAMAICA	12	118	0	0	0	0	0	0.0%
KIRIBATI	12	43	0	0	0	0	0	0.0%
MEXICO	3	3	12	22	0	0	0	0.0%
MICRONESIA	12	70	0	0	0	0	0	0.0%
NICARAGUA	12	179	255	10	0	0	0	0.0%
PANAMA	12	147	262	1	0	0	0	0.0%
PARAGUAY	12	200	296	7	0	0	0	0.0%
PERU	12	74	148	15	0	0	0	0.0%
SAMOA	12	53	0	0	0	0	0	0.0%
SURINAME	12	51	75	0	0	0	20	100.0%
TONGA	12	58	0	0	0	0	0	0.0%
VANUATU	12	76	1	0	0	0	0	0.0%
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>2756</b>	<b>108</b>	<b>2</b>	<b>0</b>	<b>20</b>	<b>1.9%</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>8047</b>	<b>307</b>	<b>18</b>	<b>404</b>	<b>215</b>	<b>6.1%</b>



Country	ESS Reports	VT years in 2004	Heat Inactivated Typhoid Vaccine		Injection Typhoid Vaccine		Total Typhoid Vaccine Doses
			# Doses	% of all doses	# Doses	% of all doses	
BENIN	12	99	0	0.0%	36	100.0%	36
BOTSWANA	12	39	0	0.0%	37	100.0%	37
BURKINA FASO	12	95	0	0.0%	55	100.0%	55
CAMEROON	12	132	0	0.0%	33	100.0%	33
CAPE VERDE	12	42	0	0.0%	1	100.0%	1
CHAD	12	22	0	0.0%	17	100.0%	17
GABON	12	45	0		0		0
GAMBIA	12	97	0	0.0%	42	100.0%	42
GHANA	12	138	0	0.0%	56	100.0%	56
GUINEA	12	100	0	0.0%	55	100.0%	55
KENYA	12	160	0	0.0%	68	100.0%	68
LESOTHO	12	102	0	0.0%	48	100.0%	48
MADAGASCAR	12	120	0	0.0%	77	100.0%	77
MALAWI	12	110	0	0.0%	53	100.0%	53
MALI	12	181	0	0.0%	120	100.0%	120
MAURITANIA	12	81	0	0.0%	83	100.0%	83
MOZAMBIQUE	12	82	0	0.0%	28	100.0%	28
NAMIBIA	12	101	0	0.0%	71	100.0%	71
NIGER	12	119	0	0.0%	72	100.0%	72
SENEGAL	12	139	0	0.0%	58	100.0%	58
SOUTH AFRICA	12	113	0	0.0%	0	0.0%	31
SWAZILAND	12	35	0	0.0%	29	100.0%	29
TANZANIA	12	152	0	0.0%	65	100.0%	65
TOGO	12	110	0	0.0%	54	100.0%	54
UGANDA	12	47	0	0.0%	25	100.0%	25
ZAMBIA	12	142	0	0.0%	40	100.0%	40
<b>TOTAL AFRICA</b>	<b>12.0</b>	<b>2603</b>	<b>0</b>	<b>0.0%</b>	<b>1223</b>	<b>97.5%</b>	<b>1254</b>
ALBANIA	12	49	0	0.0%	27	100.0%	27
ARMENIA	12	88	0		0		0
AZERBAIJAN	12	38	0	0.0%	29	100.0%	29
BANGLADESH	12	78	0	0.0%	48	100.0%	48
BULGARIA	12	166	0	0.0%	111	100.0%	111
CHINA	6	21	0	0.0%	45	100.0%	45
GEORGIA	12	46	0	0.0%	25	100.0%	25
JORDAN	11	28	0	0.0%	44	100.0%	44
KAZAKHSTAN	12	135	0	0.0%	26	100.0%	26
KYRGYZ REPUBLIC	12	121	0	0.0%	60	100.0%	60
MACEDONIA	12	49	0	0.0%	33	100.0%	33
MOLDOVA	12	123	0	0.0%	71	100.0%	71
MONGOLIA	12	91	0	0.0%	98	100.0%	98
MOROCCO	12	101	0	0.0%	90	100.0%	90
NEPAL	9	73	0	0.0%	23	100.0%	23
PHILIPPINES	12	140	0	0.0%	0	0.0%	164
ROMANIA	12	188	0		0		0
THAILAND	12	98	0	0.0%	37	100.0%	37
TURKMENISTAN	12	85	0	0.0%	32	100.0%	32
UKRAINE	12	301	0	0.0%	169	100.0%	169
UZBEKISTAN	12	158	0	0.0%	51	100.0%	51
<b>TOTAL EMA</b>	<b>11.5</b>	<b>2176</b>	<b>0</b>	<b>0.0%</b>	<b>1019</b>	<b>86.1%</b>	<b>1183</b>
BELIZE	12	68	0	0.0%	26	100.0%	26
BOLIVIA	12	153	0	0.0%	44	100.0%	44
COSTA RICA	12	67	0	0.0%	32	100.0%	32
DOMINICAN REPUBLIC	12	166	0	0.0%	62	100.0%	62
EAST TIMOR	12	23	0	0.0%	26	100.0%	26
EASTERN CARIBBEAN	12	132	0	0.0%	66	100.0%	66
ECUADOR	12	158	0	0.0%	79	100.0%	79
EL SALVADOR	12	116	0	0.0%	30	100.0%	30
FIJI	12	34	0	0.0%	26	100.0%	26
GUATEMALA	12	204	0	0.0%	96	100.0%	96
GUYANA	12	65	0	0.0%	38	100.0%	38
HAITI	7	15	0		0		0
HONDURAS	12	239	0	0.0%	123	100.0%	123
JAMAICA	12	118	0	0.0%	53	100.0%	53
KIRIBATI	12	43	0	0.0%	13	100.0%	13
MEXICO	3	3	0	0.0%	9	100.0%	9
MICRONESIA	12	70	0	0.0%	27	100.0%	27
NICARAGUA	12	179	0	0.0%	83	100.0%	83
PANAMA	12	147	0	0.0%	59	100.0%	59
PARAGUAY	12	200	0	0.0%	31	100.0%	31
PERU	12	74	0	0.0%	47	100.0%	47
SAMOA	12	53	0	0.0%	27	100.0%	27
SURINAME	12	51	0	0.0%	0	0.0%	20
TONGA	12	58	0	0.0%	30	100.0%	30
VANUATU	12	76	0	0.0%	25	100.0%	25
<b>TOTAL IAP</b>	<b>11.4</b>	<b>2510</b>	<b>0</b>	<b>0.0%</b>	<b>1052</b>	<b>98.1%</b>	<b>1072</b>
<b>TOTAL WORLDWIDE</b>	<b>11.7</b>	<b>7289</b>	<b>0</b>	<b>0.0%</b>	<b>3294</b>	<b>93.9%</b>	<b>3509</b>

## 2004 Health of the Volunteer Subject Index

<b>Subject</b>	<b>Text (page #)</b>	<b>Figure #</b>	<b>Data (page #)</b>
Accommodations	15	37, 38	-
Alcohol Problems	13	33	1
Asthma	14	34	11
Cardiovascular Problems	14	-	1
Deaths	9	-	-
Dengue	10	24	1
Dental Problems	4, 8	4, 5	2
Dermatitis	7	16	2
Diarrhea	6	13, 14	3
Environmental Concerns	9	-	2
Febrile Illness	8	-	3
Filariasis	11	26	3
Hepatitis	12	31	4-5
HIV Infection	11	28, 29	-
Hospitalizations	14	35	6-8
Injuries	8	19	6
Intestinal Helminths	11	27	4
Leishmaniasis	-	-	10
Lower Respiratory Illness	9	20	11
Malaria	9	21, 22	9
Malarial Chemoprophylaxis	10	23	16-18
Medical Evacuations (Medevacs)	3	1, 2, 3	10
Mental Health Problems	7-8	17, 18	11
Non-STD Gynecologic Infections	8	-	13
PCMO Contacts	14	36	16
Post-Service Claims	16	-	-
Pregnancy	4	6, 7, 8	12
Schistosomiasis	11	25	15
Sexually Transmitted Diseases	12	30	14
Tuberculosis	13	32	15
Upper Respiratory Illness	7	15	12
Vaccines	13	-	18-20