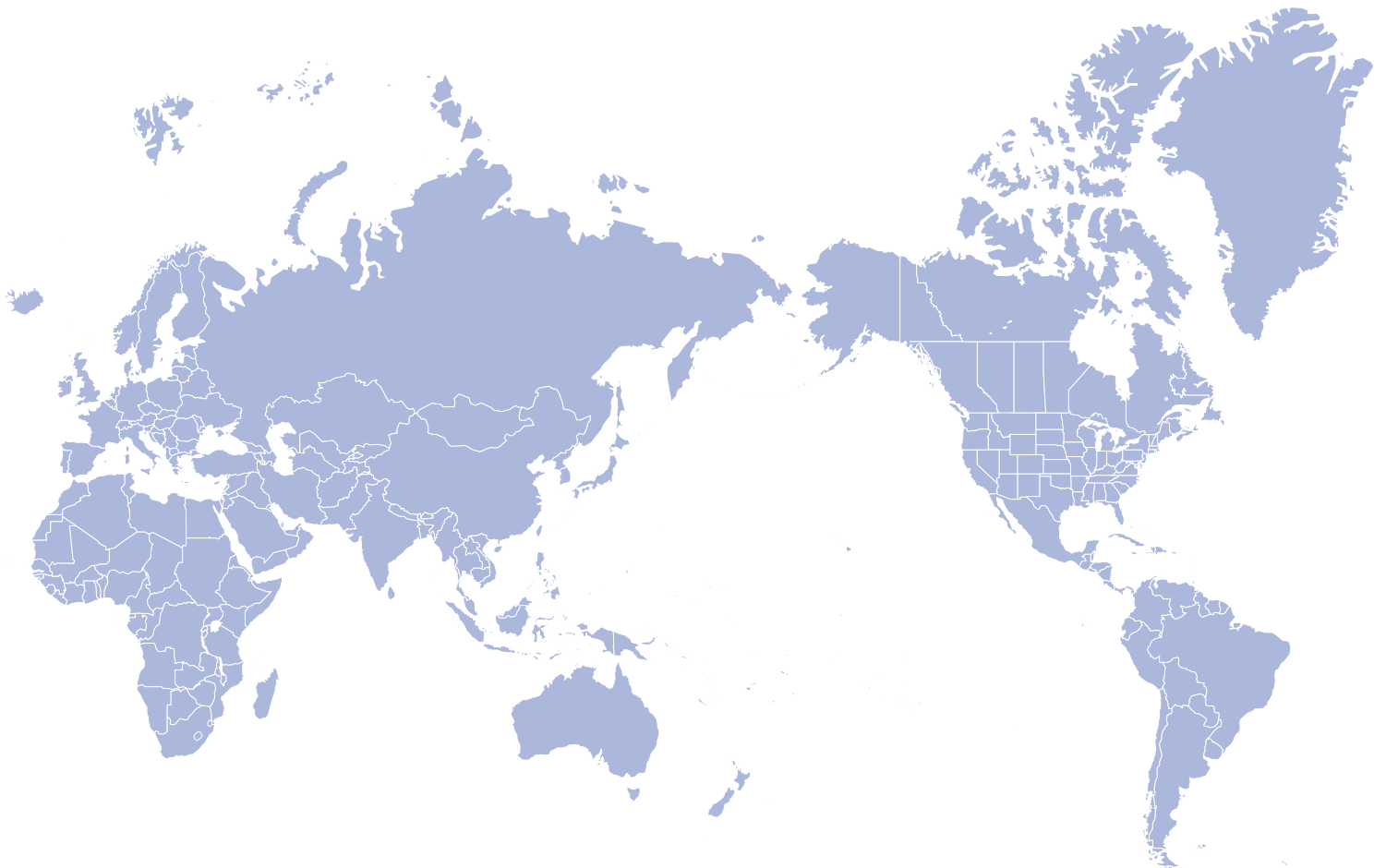




The Health of the Volunteer 2009



Peace Corps • Office of Medical Services

The Health of the Volunteer 2009

Annual Report of Volunteer Health

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Introduction

The Health of the Volunteer is an annual report produced by the Epidemiology and Surveillance Unit of Peace Corps' Office of Medical Services (OMS). This report provides information on health conditions experienced by Peace Corps Volunteers, Peace Corps Response Volunteers, and trainees during the calendar year and is intended for use by Peace Corps medical officers (PCMOs), Volunteers, and agency staff.

The Health of the Volunteer 2009 reflects OMS' mission to monitor and evaluate trends in global and regional health conditions among Peace Corps Volunteers and trainees. This volume includes 2009 highlights, along with details reflecting each reported condition and event. Appendices have extended figures, tables, and country-specific data.

The report is designed to facilitate the education and training of Volunteers and staff and to help enhance prevention efforts. This volume, additional tables, and previous reports may be accessed via the Peace Corps Intranet on the Epidemiology page.

Data

Data sources

Information used to prepare this report came from PCMOs through monthly Epidemiologic Surveillance System (ESS) reports (Appendix A). Accommodation data were collected by the OMS Pre-Service Unit. Post-service claims data were provided through the OMS Post-Service Unit. Information on mental health consultations was collected by the Office of Special Services (OSS).

Throughout this document the term "Volunteer" includes Peace Corps Volunteers and trainees, as well as Peace Corps Response Volunteers.

Data analysis

Incidence Rates

Incidence is the number of new cases of a disease or condition. Incidence rate is the proportion of new cases within the population at risk.

In *The Health of the Volunteer*, incidence rates are expressed per 100 Volunteer years (VT years). These

rates are calculated by dividing the number of new cases of disease in a year by the VT year count and then multiplying by 100.

$$\text{Rate in VT years} = \left(\frac{\text{Number of new cases of disease}}{\sum (\text{Time each Volunteer served in years})} \right) \times 100$$

Volunteer Years

Volunteer years (VT years) take into account both the number of Volunteers and the length of time each Volunteer served. Since Volunteers may serve less than a full calendar year, counting VT years is more accurate than counting individual Volunteers.

Female Volunteer Years

Rates for pregnancy, gynecological infections, and colposcopies are given per 100 female VT years. Since these conditions affect only females, male Volunteers have been excluded from the denominator in these calculations.

Trend lines

Figures that show incidence rates over time display trend lines to emphasize tendencies in data direction. Commencing in 2007, trend lines were tested for joins or places where the data trends show a significant direction change.

Trendlines were created using Joinpoint, a program freely available from the National Cancer Institute. Information on this method is available at <http://srab.cancer.gov/joinpoint>.

Limitations

There are several limitations to the information presented in this report. If Volunteers do not seek health care from the PCMO, the number of reported cases may not reflect the actual burden of disease. Not all conditions can be precisely confirmed, so some reported cases may be misclassified.

Incidence rates based on small numbers of cases (20 or less) should be interpreted with caution since a change of a few cases can produce a large change in rate. Most country-specific rates fall into this category. In the figures provided, counts are given

instead of rates when the number of cases in one or more categories is less than 20.

2009 Changes

Changes to Peace Corps Countries

Peace Corps served in 67 posts in 2009 (Appendix B). During the year, one post (Rwanda) opened in January and one post (Georgia) re-opened in June. Three posts were suspended: Madagascar from April through October, Mauritania in August and Guinea in October.

Programs that close during the calendar year provide data only for the months during which they were operational. Incidence data for these posts should be interpreted cautiously.

Changes to The Health of the Volunteer Report

Commencing with *The Health of the Volunteer 2009* report, the method for calculating malaria-related rates has been changed.

Malaria Volunteer Years

Rates for malaria (by type), malaria (by prophylaxis), and average monthly antimalaria chemoprophylaxis are given per 100 malaria VT years. These conditions only affect Volunteers in countries with endemic malaria; therefore, Volunteers serving in nonmalarial countries have been excluded from the denominator in these calculations. This change has resulted in malaria-related rates in 2009 being artificially inflated compared to previous years' rates.

Appendix C: Peace Corps Countries with Endemic Malaria, by Region in 2009, has been added to the report. This table depicts countries with malaria endemic to either parts or the whole country as reported by the Centers for Disease Control & Prevention (CDC).

Feedback

Comments on the content of this report and suggestions to enhance its usefulness, especially as a training tool for Volunteers, are encouraged. Please direct feedback to Dr. Myrna Charles in the Epidemiology and Surveillance Unit at mcharles@peacecorps.gov or 202.692.1517.

2009 Highlights

Notable

Increase in Dengue Rates (page 7)

Reported cases of dengue in 2009 were greater than the average number of cases per year reported during 2001-2008 (mean: 92 cases). One hundred and one cases of dengue were reported in 2009 for a rate of 1.4 cases per 100 VT years. This represents a 75 percent rise in dengue infections from the previous year.

Increase in Purified Protein Derivative conversion rate in IAP (page 13)

The purified protein derivative (PPD) skin test is used to detect exposure to tuberculosis.

From 2008 to 2009, the PPD test conversion rate among Volunteers in the IAP region increased by 117 percent, from 0.6 to 1.4 per 100 VT years (16 to 33 cases). The Dominican Republic and Guatemala reported significant increases in the number of conversions among Volunteers. EMA and Africa regions had a decrease in cases.

Increase in Sexually Transmitted Disease rate in EMA (page 13)

From 2008 to 2009, the sexually transmitted disease (STD) rate in EMA increased by 91 percent, from 2.2 to 4.2 per 100 VT years (48 to 87 cases). The largest increase during this period was seen in Romania, from one to 17 cases (0.6 to 13.3 per 100 VT years).

Since 1999, the overall rate of STD among Volunteers has increased 1 percent per year.

Stabilization of Alcohol-related Problems (page 15)

From 2008 to 2009, the rate of reported alcohol-related problems remained relatively unchanged in the three regions. The rates of reported alcohol-related incidents decreased in EMA and Africa regions, from 1.6 to 1.4 cases and 0.9 to 0.8 cases per 100 VT years, respectively. Since 2002, the rate of reported problems has decreased an average of 7 percent per year.

Decrease in Environmental Health Concerns rates (page 16)

From 2008 to 2009, reports of environmental health concerns decreased by 42 percent, from a rate of 3.3 to 1.9 cases per 100 VT years, (249 to 139 reported concerns.) EMA and IAP regions both documented significant decreases in the number of environmental health concerns relayed by Volunteers.

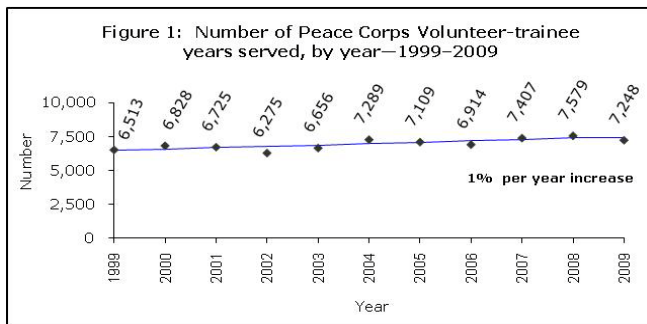
Decrease in Unintentional Injuries (page 17)

The unintentional injury rate in 2009 was 15.8 injuries per 100 VT years. This is a slight reduction from 2008 (16.0 cases per 100 VT years). The highest incidence of unintentional injuries occurred in the IAP region (18.5 cases per 100 VT years), followed by EMA (16.0) and Africa (13.4).

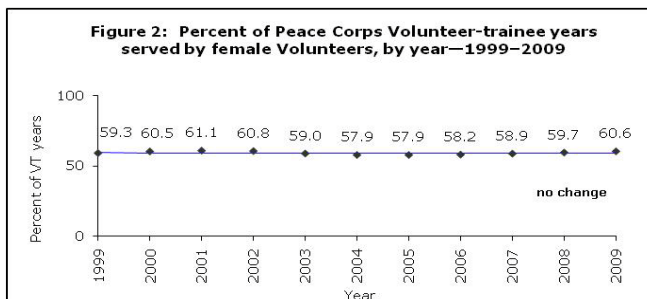
This rate increased 1 percent per year from 1999 to 2004 and then decreased 14 percent per year from 2004 to 2009.

Volunteer demographics

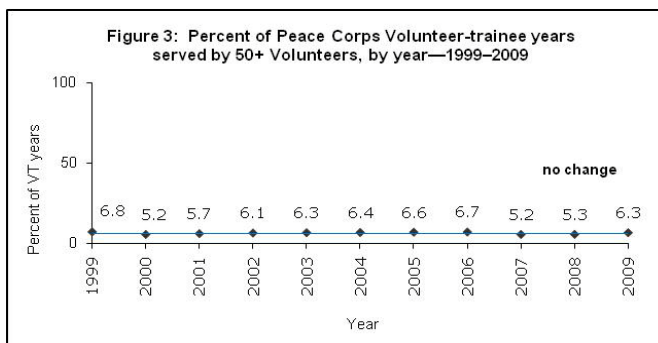
In 2009, Peace Corps Volunteers, trainees, and Peace Corps Response Volunteers served a total of 7,248 Volunteer-trainee years (VT years). The overall number of VT years has increased an average of 1 percent per year.



Female Volunteers served 4,390 VT years, accounting for over half of the total VT years served (60.6 percent). The proportion of VT years served by females has remained relatively constant since 1999.

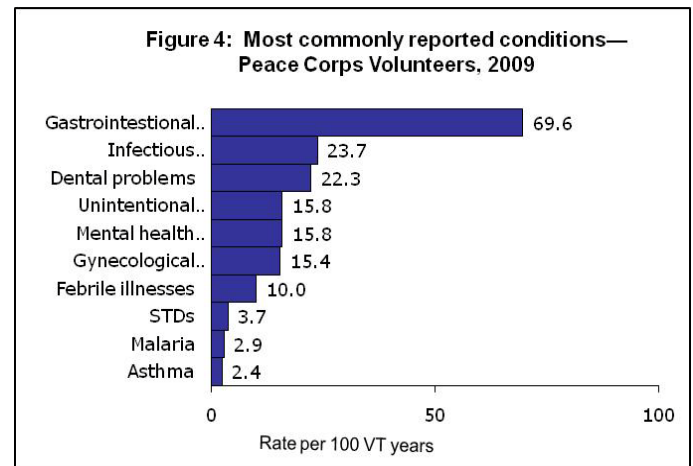


Volunteers age 50 years and over served 454 VT years in 2009, 6.3 percent of the total VT years served. The proportion of VT years served by Volunteers 50 years of age and over has remained relatively constant since 1999.



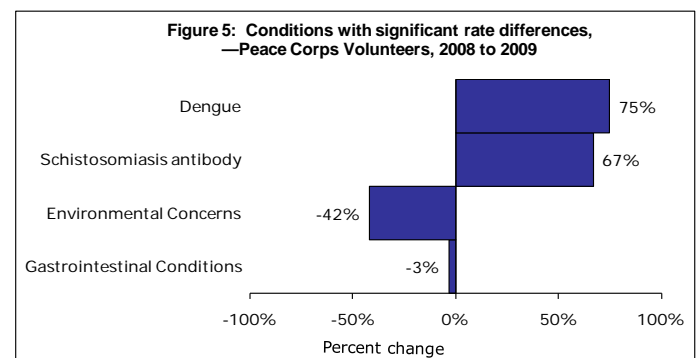
Most common conditions

As seen in previous years, the three most commonly reported conditions included gastrointestinal illness, infectious dermatitis, and dental problems. Gastrointestinal conditions remained the most reported condition, with 69.6 cases per 100 VT years, while infectious dermatitis ranked second, with a rate of 23.7 cases reported per 100 VT years.



Conditions with significant rate differences

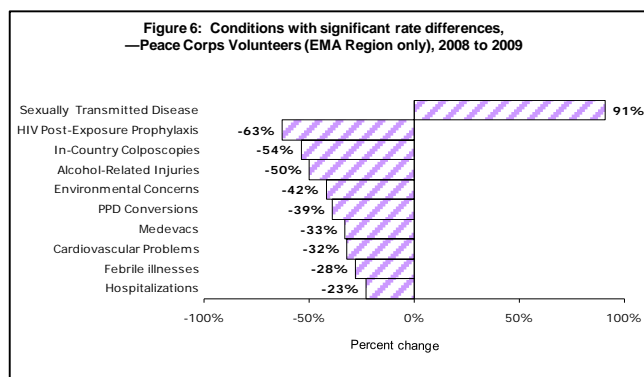
Worldwide, four conditions had statistically significant differences in rate from 2008 to 2009 (p-value <0.05). Dengue and positive schistosomiasis antibody had significant rate increases during this time period, increasing 75 percent, from 0.8 to 1.4 cases per 100 VT years (63 to 101 cases), and 67 percent, from 0.3 to 0.5 per 100 VT years (26 to 33 cases), respectively.



The Health of the Volunteer 2009

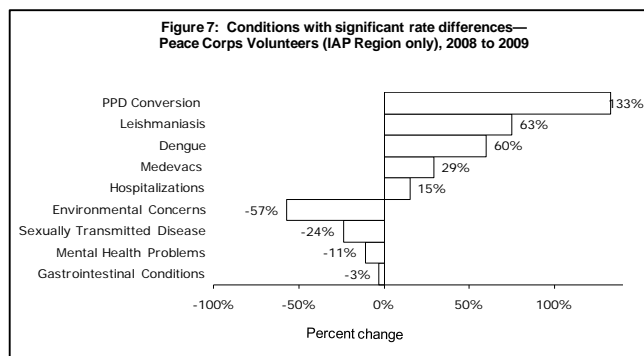
Gastrointestinal conditions and environmental concerns saw a significant decrease in incidence rates from 2008 to 2009.

In EMA, from 2008 to 2009, the rate of sexually transmitted diseases increased by 91%, from 2.2 to 4.2 problems per 100 VT years (48 to 87 cases). During this period, the rate of in-country colposcopies decreased 54 percent from 1.9 to 1.0 (29 to 12 cases). This decrease was mainly caused by a decrease in the number of female volunteers needing colposcopies in the Ukraine. The rate of HIV post-exposure prophylaxis use decreased 63 percent, from 0.8 to 0.3 (17 to 7 cases) per 100 VT years from 2008 to 2009. Other conditions with significant decreases in the EMA region are depicted in the graph below.



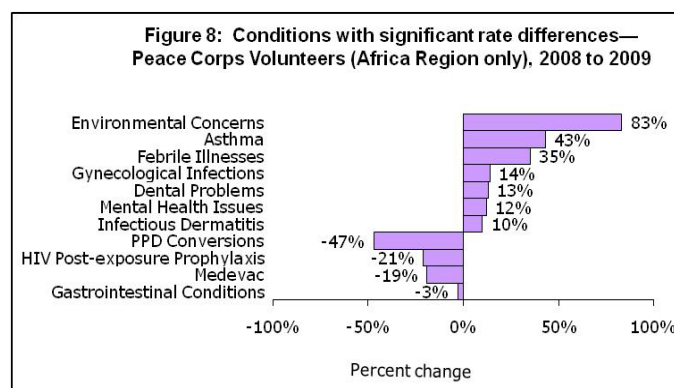
A decrease in the rate of febrile illnesses was seen in EMA but not the other regions, with a rate decrease of 27 percent, from 8.3 to 6.0 problems per 100 VT years (184 to 126 cases).

In 2009, the IAP regional rate of dengue infection increased 63 percent, from 2.0 to 3.2 cases per 100 VT years (49 to 76 cases.)



Two rate increases were exclusive to the IAP region. These included a 133 percent increase in PPD conversion, from 0.6 to 1.4 cases per 100 VT years (16 to 33 cases), and a 31 percent increase in medevacs, from 3.1 to 4.0 cases per 100 VT years (77 to 96 medevacs).

The Africa region had significant rate increases in many conditions from 2008 to 2009. The rate of dengue increased from 0.1 to 0.5 cases per 100 VT years (3 to 14 cases), while in-country colposcopies increased by 500 percent, from 0.2 to 0.9 (4 to 16 procedures).



An increase in the rate of asthma cases was seen only in the Africa region, with a rate increase from 1.4 to 2.0 cases per 100 VT years (39 to 56 cases.)

Many conditions with significant rate differences appeared in multiple regions. The incidence of PPD conversion, medevacs, and utilization of HIV post-exposure prophylaxis decreased in EMA and Africa. Environmental concerns decreased in both EMA and IAP while increasing in Africa. Dengue rates increased in IAP and Africa.

Conditions

Infectious conditions

Dengue

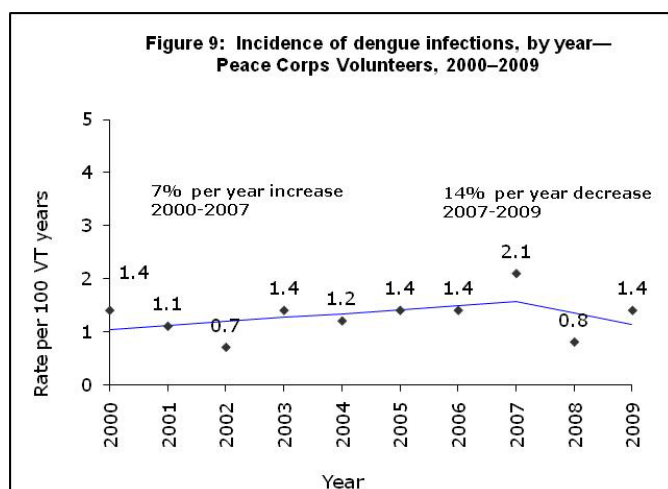
Dengue is a viral disease transmitted to humans by infected mosquitoes. Symptoms include high fever, severe headache, and joint and muscle pain. Dengue Hemorrhagic Fever (DHF) is a severe form of dengue that causes internal bleeding.

According to the World Health Organization, the incidence of dengue cases is increasing globally as the disease spreads to new areas. Large outbreaks of dengue occur every few years in tropical countries.

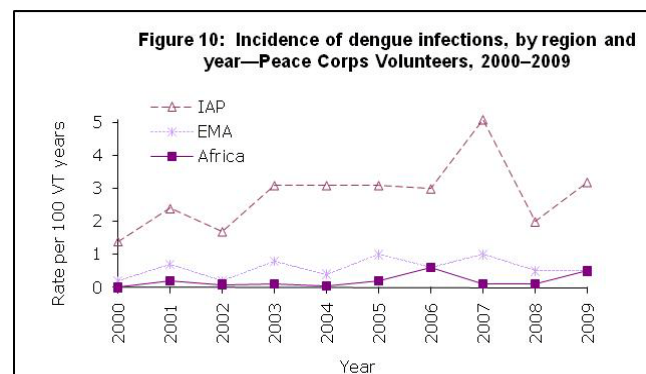
In 2009, the number of dengue cases reported was greater than the average number of cases reported per year during 2001-2008 (mean: 92 cases). One hundred and one cases of dengue were reported in 2009 for a rate of 1.4 cases per 100 VT years. This represents a 75 percent rise in dengue infections from the previous year.

Cases were reported from 21 countries; 75 percent of cases were reported from the IAP region, with most coming from the Dominican Republic, Honduras and Suriname.

From 2000 to 2006, there was a 7 percent per year increase in dengue cases among Volunteers. Since 2006, dengue rates have decreased by an average of 14 percent per year.



Dengue infection is found in the tropics and subtropics. The IAP region routinely accounts for the greatest number of cases among Volunteers. IAP reported 76 (75 percent) of the 101 cases seen in 2009, with an increase in incidence rate, from 2008, of 2.0 to 3.2 cases per 100 VT years. This compared to EMA, with 11 cases (11 percent) and an incidence rate of 0.5 cases per 100 VT years, and Africa, which had an increase in rate to 0.5 cases per 100 VT years and had 14 (14 percent) of the cases.

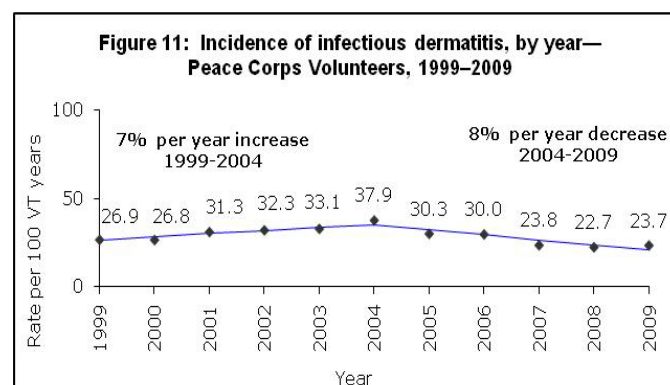


Dermatitis, infectious

The second most commonly reported condition among Volunteers in 2009 was infectious dermatitis, with a rate of 23.7 cases per 100 VT years (1,721 cases).

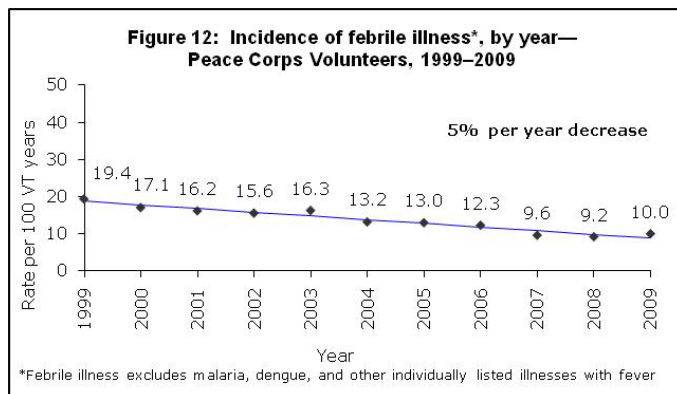
Infectious dermatitis includes any infection of the skin by bacterial, fungal or parasitic organisms. These conditions may or may not be laboratory-confirmed. Noninfectious skin conditions such as acne, eczema, or non-specific rashes were not included.

From 1999 to 2004, the rates of infectious dermatitis increased by 7 percent per year and then decreased by 8 percent per year from 2004 to 2009.

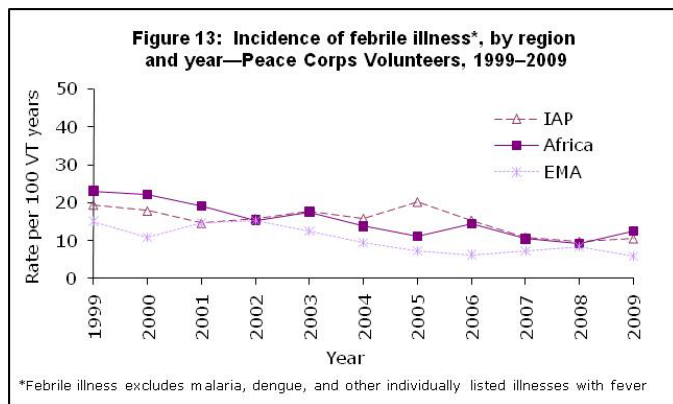


Febrile illness, other

Other febrile illnesses had a rate of 10.0 cases per 100 VT years (724 cases) in 2009. Reports of febrile illness have decreased 5 percent per year since 1999.



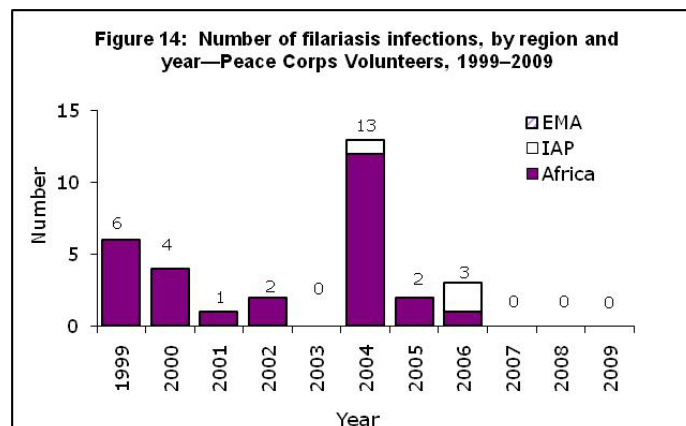
In 2009, rates in EMA declined, while a slight increase has been seen in Africa since 2008, from 9.3 to 12.6 cases per 100 VT years (265 to 349 cases).



Filariasis

Filariasis is a group of parasitic diseases caused by microscopic, threadlike worms. Lymphatic filariasis is contracted through the bite of an infected mosquito and can cause swelling (lymphedema), as well as thickening, hardening, and disfiguration of the skin (elephantiasis), usually affecting the limbs, breasts, and genitals. Onchocerciasis (river blindness) is contracted through the bite of an infected black fly and can cause inflammation, while chronic infection can produce blindness. *Loa loa*, or African eye worm, is contracted through the bite of an infected horsefly and can cause lymphedema, itching, inflammation, and migration of worms through the eyeballs.

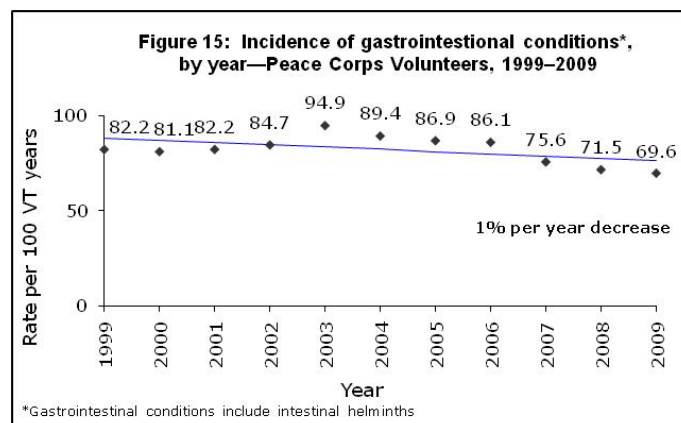
There were no cases of filariasis reported among Volunteers in 2009. This category includes lymphatic filariasis, onchocerciasis, and *loa loa*.



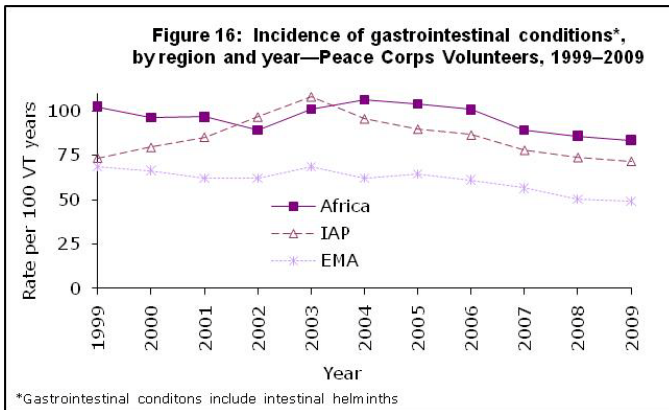
Gastrointestinal conditions

Gastrointestinal conditions include laboratory confirmed and non-laboratory confirmed illnesses with four or more liquid or watery stools per day.

This category continues to lead reportable condition categories, with a rate of 69.6 cases per 100 VT years (5,048 cases). The rate of gastrointestinal conditions has decreased by an average of 1 percent per year.



A statistically significant decrease in rates of gastrointestinal conditions is seen among Volunteers in the IAP and Africa regions.

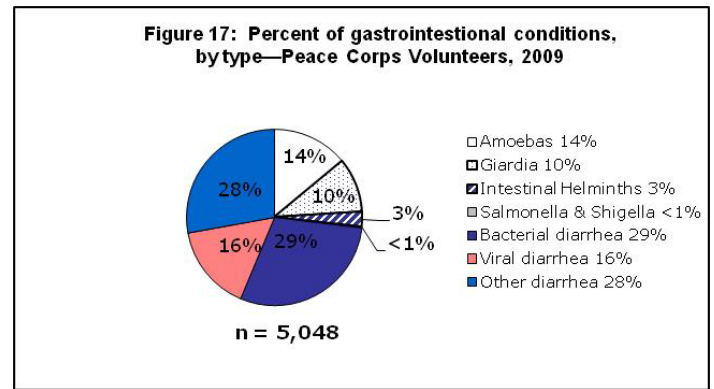


“Bacterial diarrhea, other or presumed” captures infections of the gastrointestinal tract confirmed by laboratory testing or with a clinical presentation consistent with bacterial infection in which antibiotic treatment was administered but etiology was not lab-confirmed. The bacterial agents are those that do not apply to other ESS categories (e.g., amebiasis, giardiasis, salmonellosis, or shigellosis).

“Viral diarrhea, other or presumed” includes infections of the gastrointestinal tract due to a viral species confirmed by laboratory testing or a clinical presentation consistent with viral infection that is not confirmed by laboratory testing.

Among the 5,048 gastrointestinal conditions reported in 2009, 21 percent were of bacterial etiology, 11 percent were of viral origin, 10 percent were amebiasis, 7 percent giardiasis, 2 percent intestinal helminths, 0.1 percent salmonellosis, and 0.1 percent shigellosis. The remaining 20 percent of cases were classified as “other diarrhea.”

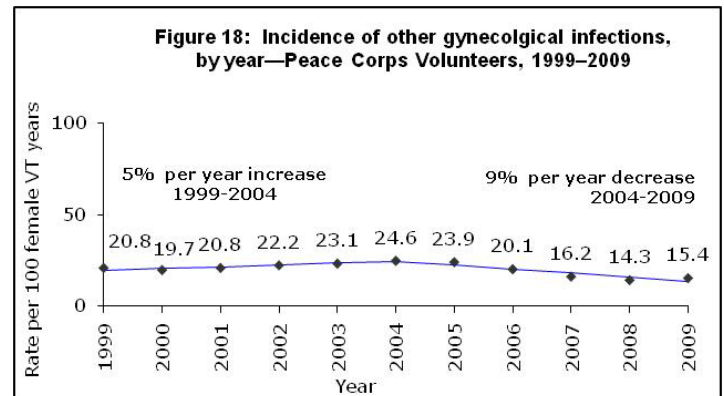
“Other diarrhea” represents gastrointestinal tract infections caused by parasites not identified in the categories above, noninfectious causes (e.g., heavy metals, chemicals, food allergies, medications), or an unknown etiology.



Gynecological infections, other

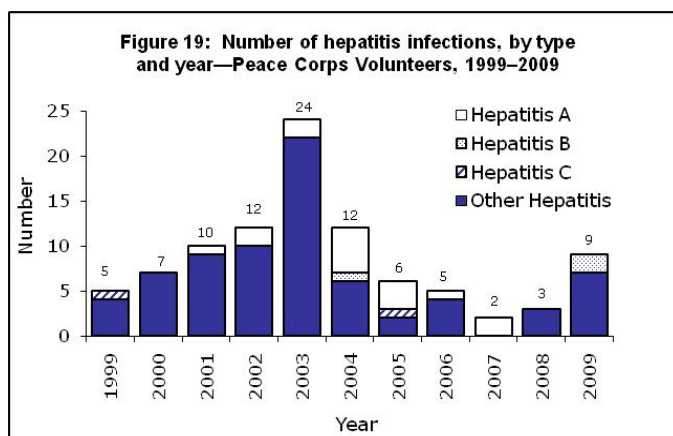
Other gynecological infections include bacterial vaginosis, vaginal yeast infection, and pelvic inflammatory disease.

There were 677 other gynecological infections reported in 2009 for a rate of 15.4 cases per 100 female VT years. This rate increased an average of 5 percent per year from 1999 to 2005 and decreased 9 percent per year from 2005 to 2009.



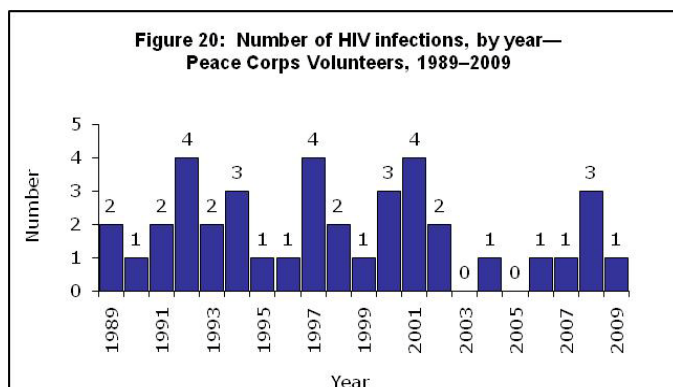
Hepatitis

There were nine cases of hepatitis reported among Volunteers in 2009. Two cases were hepatitis B and the remaining cases were in the “Hepatitis, Other or Presumed” category. This category includes hepatitis E and presumed hepatitis, as well as infectious and noninfectious causes of elevated amino-transferase levels.



Human Immunodeficiency Virus

In 2009, one Volunteer tested positive for human immunodeficiency virus (HIV) infection.

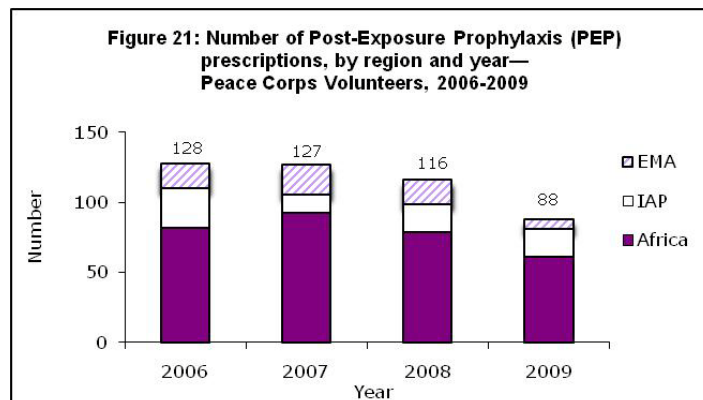


Peace Corps initiated HIV screening in 1987. Volunteers have been screened both prior to, and at the end of, service since 1989. Since 1989, 39 Volunteers have tested positive for HIV during service.

Post-exposure prophylaxis

HIV post-exposure prophylaxis (PEP) was prescribed to 88 Volunteers for a rate of 1.2 prescriptions per 100

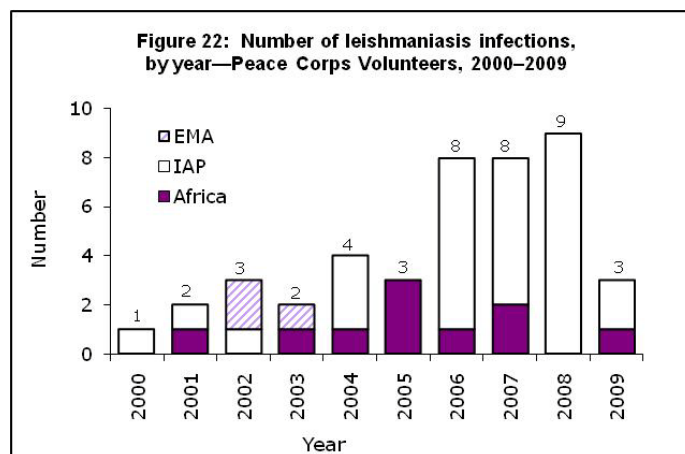
VT years in 2009. The majority of PEP (69 percent; 61 cases) was prescribed in Africa. The rate of PEP in Africa decreased for the second consecutive year, from 2008 to 2009 (2.8 to 2.2 prescriptions per 100 VT years; 79 to 61 cases). The PEP prescription rate in EMA decreased 56 percent during this period (0.8 to 0.3 prescriptions per 100 VT years; 17 to 7 cases). IAP maintained the rate of PEP prescriptions from 2008 to 2009 (0.8 prescriptions per 100 VT years; 20 cases).



PEP has been available since 1997 to Volunteers potentially exposed to HIV. Data on PEP use was first collected in 2006.

Leishmaniasis

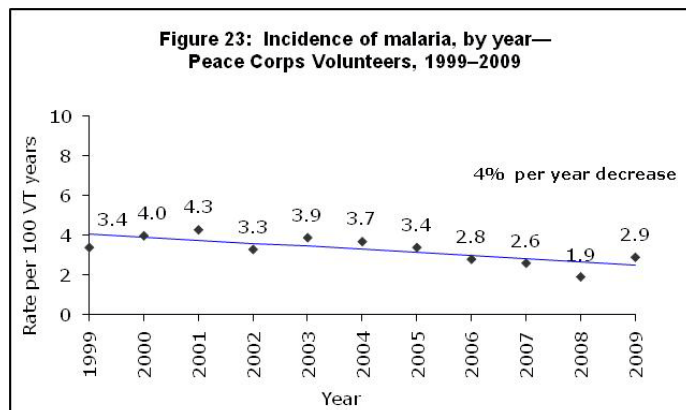
Leishmaniasis is a parasitic disease spread to humans through the bite of infected sand flies. The two most common forms are cutaneous, which produces skin sores, and visceral, which affects internal organs such as the spleen, liver, and bone marrow.



There were three cases of leishmaniasis reported among Volunteers in 2009 with one case each from Ecuador, Panama, and Niger.

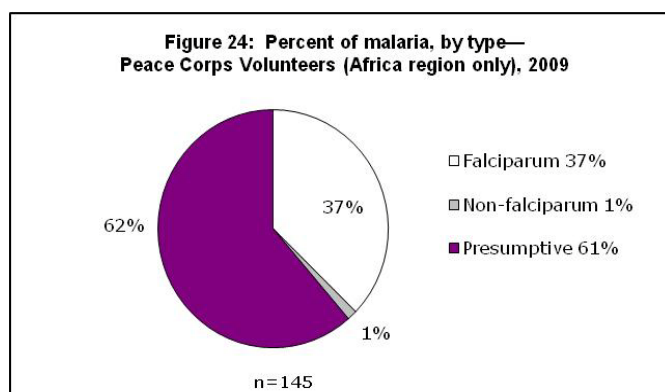
Malaria

The overall rate of malaria among Volunteers was 2.9 cases per 100 VT years in 2009 (149 cases). This rate has decreased an average of 4 percent per year since 1998.

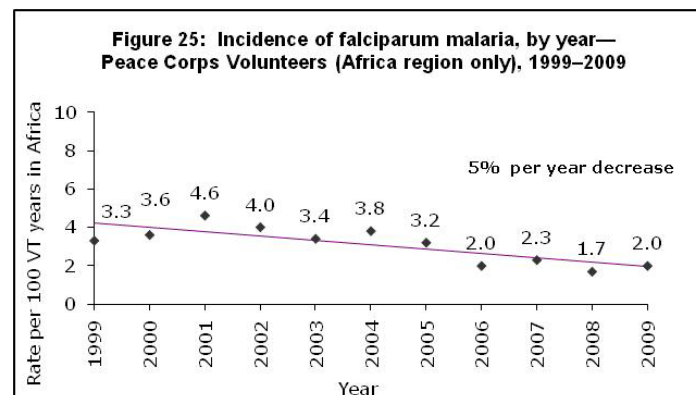


Regionally, Africa saw the most malaria (97 percent; 145 cases). Four cases of malaria were reported from IAP, two presumptive cases and two cases of non-falciparum malaria.

Of the 145 malaria infections among Africa Volunteers, 37 percent (54 cases) were confirmed *Plasmodium falciparum*, 61 percent (89 cases) were presumptive malaria, and 1 percent (2 cases) were confirmed as non-*Plasmodium falciparum* species.



The rate of falciparum malaria in Africa was 2.0 per 100 VT years in 2009 (145 cases). This rate has decreased an average of 5 percent per year since 1999.



Antimalarial chemoprophylaxis

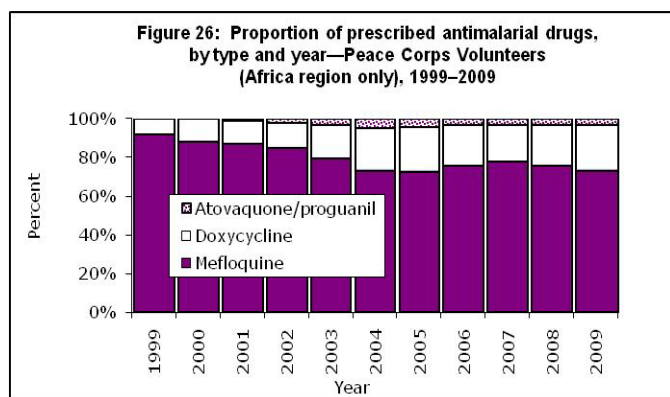
The ESS tracks the number of Volunteers taking long-term antimalarial chemoprophylaxis each month. Short-term use, defined as less than 30 days (e.g., for travel), is not recorded.

The average yearly estimate of all Volunteers on antimalarial chemoprophylaxis was 59 percent in 2009: 95 percent of Africa Volunteers, 62 percent of IAP Volunteers, and 9 percent of EMA Volunteers.

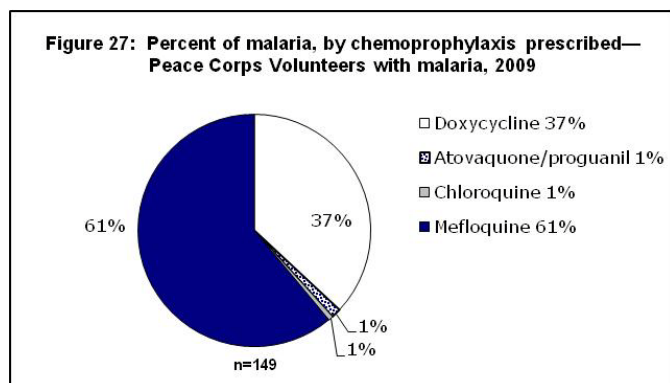
In 2009, 83 percent of Volunteers in malaria endemic countries were on antimalarial chemoprophylaxis: 98 percent of Africa Volunteers, 71 percent of IAP Volunteers, and 47 percent of EMA Volunteers.

Since the average yearly estimate includes both the number of Volunteers and the time they were taking chemoprophylaxis, the average is interpreted using both measures. For example, if 50 percent of Volunteers took chemoprophylaxis for the whole year or if 100 percent of Volunteers took it for half of the year, both instances would produce an average yearly estimate of 50 percent. The average yearly estimate is most accurate if the number of Volunteers in a country remains stable throughout the year.

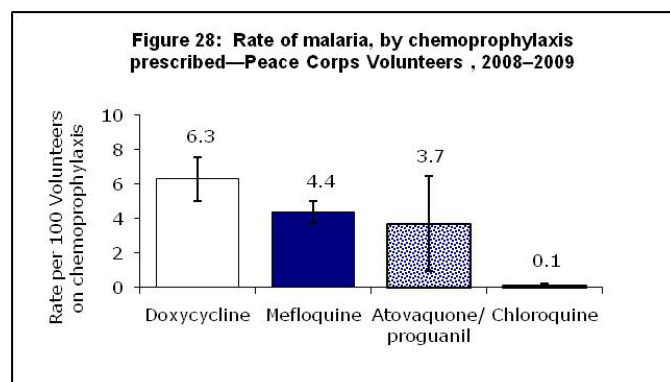
For Volunteers in the Africa region who took antimalarial chemoprophylaxis, mefloquine was used by 73 percent, doxycycline was used by 24 percent, atovaquone/proguanil (Malarone) was used by 3 percent, and 0.04 percent used minocycline (a variant of doxycycline used to treat acne with the same antimalarial properties).



In 2009, among the 149 Volunteers who were diagnosed with malaria, 61 percent were taking mefloquine, 37 percent were taking doxycycline, 1 percent were taking atovaquone/proguanil (Malarone), and 1 percent were taking chloroquine.



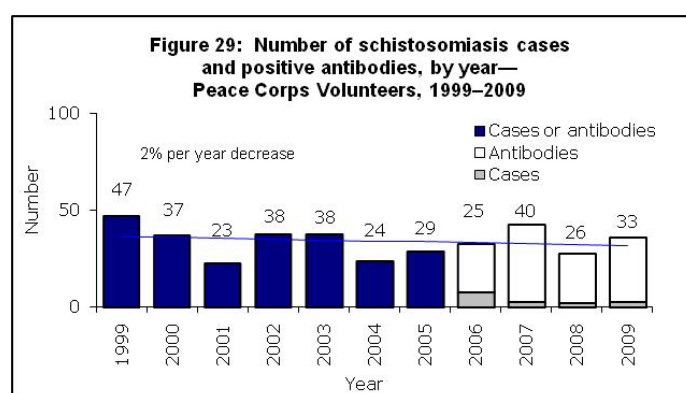
Volunteers taking doxycycline, mefloquine, and atovaquone/proguanil (Malarone) had similar rates of malaria with 6.3, 4.4, and 3.7 per 100 VT years, respectively. The differences between these three rates were not statistically significant, as shown by their overlapping 95 percent confidence intervals. The large confidence interval for atovaquone/proguanil (Malarone) highlights the instability of this rate as a result of the smaller numbers of Volunteers on this chemoprophylaxis. Volunteers on chloroquine had the lowest rate of malaria, 0.1 per 100 VT years. This rate was significantly lower than the rates of malaria among the other three groups.



Schistosomiasis cases and antibodies

Schistosomiasis is a parasitic disease caused by flatworms that penetrate the skin of people who swim or wade in contaminated water. Many schistosomiasis infections are asymptomatic. Acute and chronic infections can produce progressive damage to the bladder, ureters, and kidneys (urinary schistosomiasis), as well as progressive enlargement of the liver and spleen with intestinal damage and hypertension of the abdominal blood vessels (intestinal schistosomiasis).

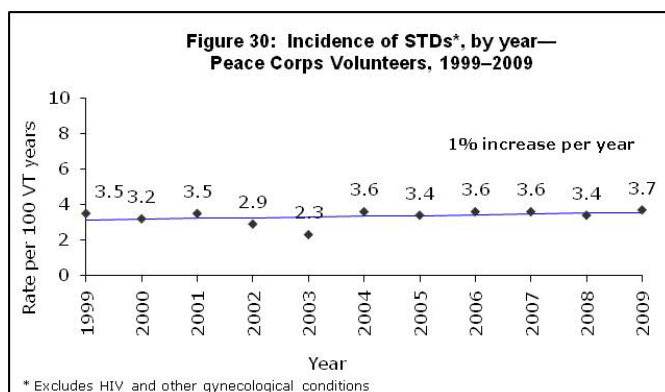
In 1998, the Peace Corps instituted universal schistosomiasis antibody screening for Volunteers completing service in endemic areas (described in Technical Guideline 850).



There were three cases of schistosomiasis and 33 positive antibody reports in 2009. The cases of schistosomiasis among Volunteers have decreased by 2 percent per year since 1999. Prior to 2006, schistosomiasis cases and positive antibodies were reported in a combined category.

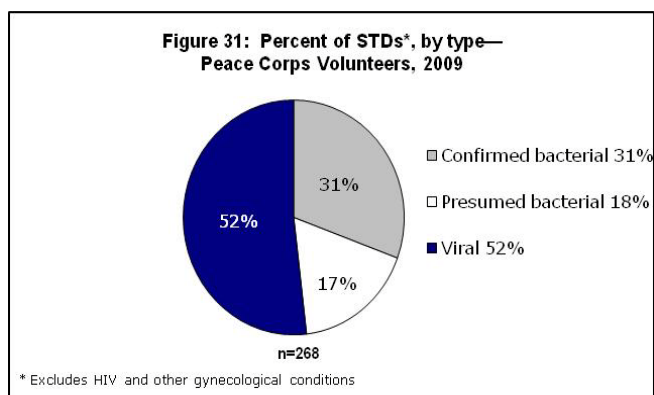
Sexually transmitted diseases, non-HIV

In 2009, 268 cases of sexually transmitted diseases (STDs) were reported among Volunteers, representing a rate of 3.7 cases per 100 VT years. This rate does not include HIV or the other gynecological conditions reported in the ESS. Since 1999, this rate has increased 1 percent per year.



From 2008 to 2009, the sexually transmitted disease (STD) rate in EMA increased by 91 percent, from 2.2 to 4.2 per 100 VT years (48 to 87 cases). The largest increase during this period was seen in Romania, from one to 17 cases (0.6 to 13.3 per 100 VT years).

Fifty-two percent (139 cases) of the 268 STDs diagnosed in 2009 were of viral etiology. Forty-eight percent were of bacterial origin. Viral STDs include genital herpes, lymphogranuloma venereum, and human papillomavirus. Bacterial STDs include syphilis, gonorrhea, chlamydia, trichomonas, and chancroid.



An increase in STD rates represents an increase in the risk for HIV infection, certain cancers, heart disease and infertility among other complications. Individuals

with an STD infection are more susceptible to HIV infection. The increase in STD infection among Volunteers signals an opportunity for improved counseling and preventive measures to reduce health risks from intimate behavior.

Tuberculosis

Tuberculosis remains a leading cause of death worldwide. Early detection of infection and preventing active tuberculosis are essential to reducing the mortality risk from this disease. The ideal way to achieve these goals is to establish a screening program.

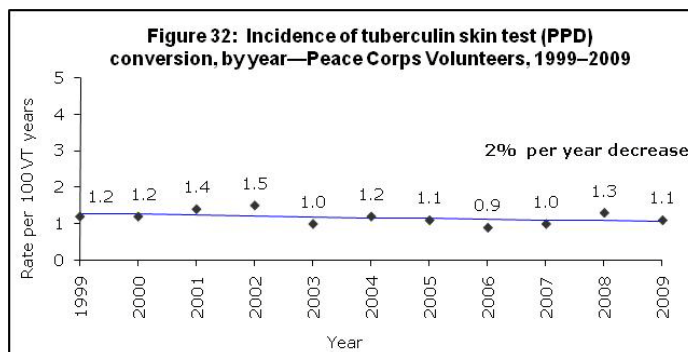
The purified protein derivative (PPD) skin test is used to detect exposure to tuberculosis. If an individual has been exposed to someone with active tuberculosis infection, the PPD skin test will be read as positive. A “PPD converter” is a person who has had a negative skin test in the past and now has a positive skin test. PPD converters are at increased risk for developing active tuberculosis and must receive tuberculosis chemoprophylaxis treatment to minimize this risk.

Volunteers are tested for tuberculosis with the PPD skin test during the application process, at close of service, and after any significant exposure.

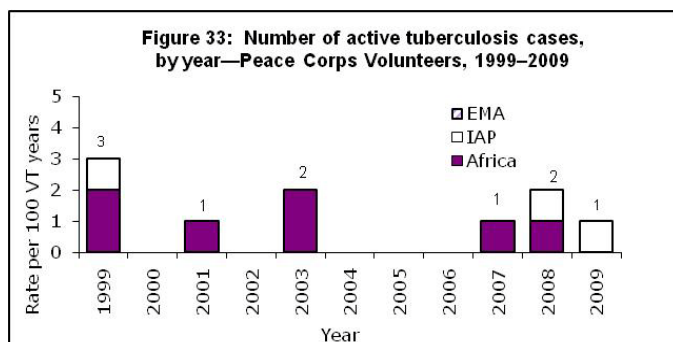
In 2009, 81 Volunteers were diagnosed with latent tuberculosis by using PPD tests. A 17 percent decrease in tuberculosis skin test conversions among Volunteers was seen from 2008 to 2009 (from 1.3 to 1.1 cases per 100 VT years).

During this period, EMA reported a decrease in its PPD conversion rate, from 1.8 to 1.1 cases per 100 VT years (39 cases to 23 cases). Africa saw a decrease of 1.7 to 0.7 cases per 100 VT years (47 to 25 cases). The IAP region reported an increase in PPD conversion rate, from 0.6 to 1.4 cases per 100 VT years (16 to 33 cases), during the same time period, with the Dominican Republic and Guatemala reporting significant increases in the number of conversions among Volunteers.

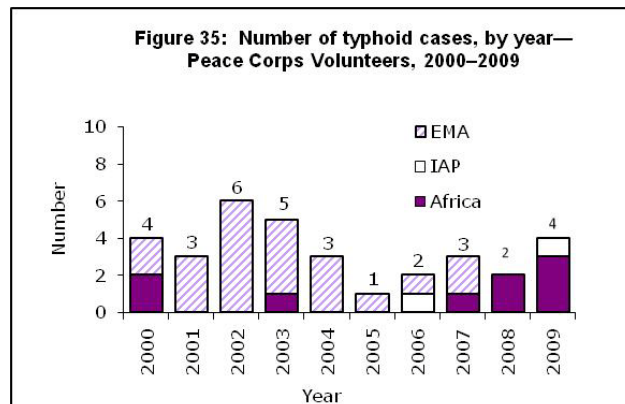
The overall average rate of PPD conversions has decreased by 2 percent per year since 1999.



In 2009 there was one case of active tuberculosis among Volunteers. Since 1999, a total of 10 cases of active tuberculosis have been reported. Seven of the 10 tuberculosis cases were from the Africa region.

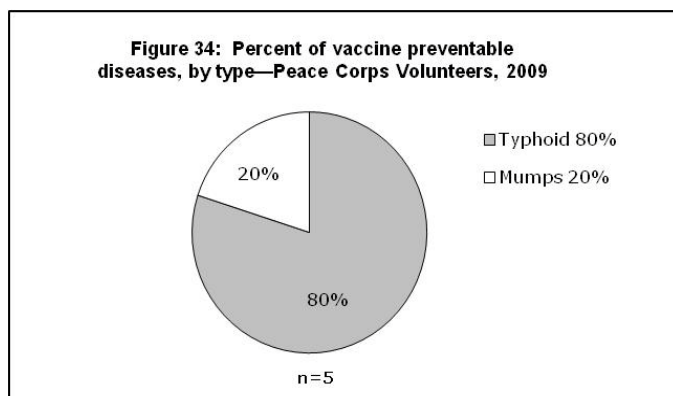


2000, the Philippines has reported 22 of 33 (67 percent) of typhoid cases.



Vaccine-preventable diseases

A vaccine-preventable disease is an infectious disease for which a preventive vaccine exists. In 2009, there were five cases of vaccine-preventable diseases reported among Volunteers. This involved four cases of typhoid and one case of mumps.



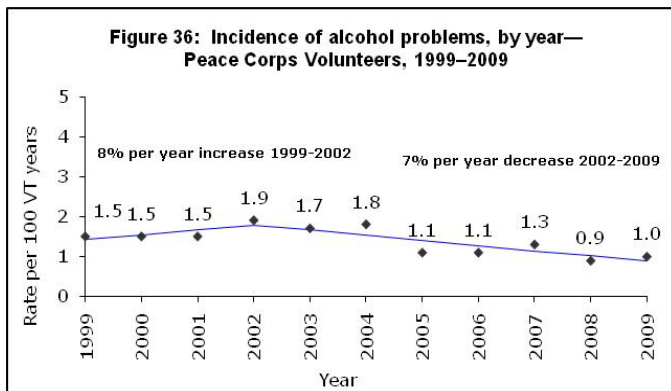
In 2009, there were three cases of typhoid among Cameroon Volunteers and one from Belize. Since

Noninfectious conditions

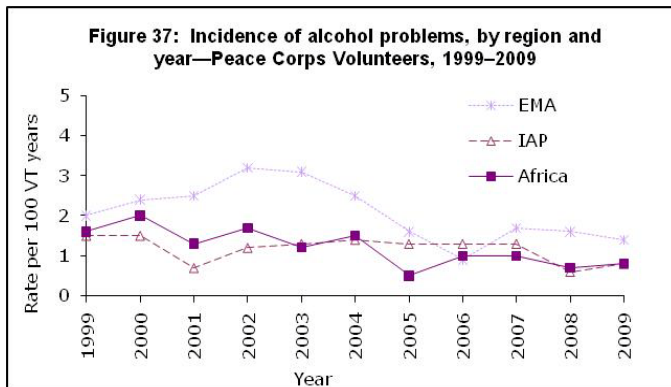
Alcohol-related problems

Alcohol related problems include any incident in which behavior was altered or impaired due to alcohol intoxication. These include incidents observed by staff, Volunteers, or any reliable source.

From 2008 to 2009, the rate of alcohol-related problems among Volunteers increased from 0.9 to 1.0 cases per 100 VT years. From 1999 to 2002, the rate increased by 8 percent per year. Since 2002, the rate of reported problems has decreased an average of 7 percent per year.



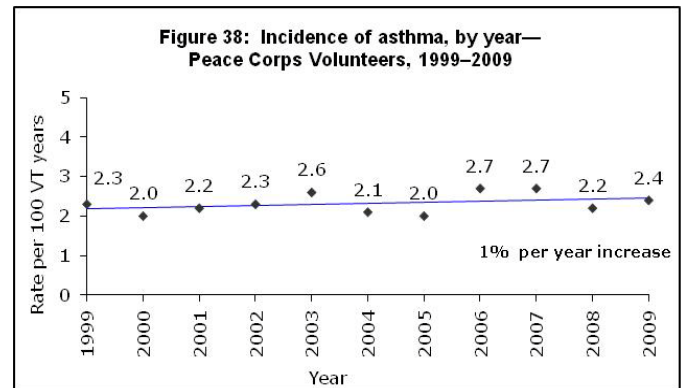
From 2008 to 2009, the rate of alcohol-related problems remained relatively unchanged in the three regions. The rates of reported alcohol-related incidents decreased in EMA and Africa regions, from 1.6 to 1.4 cases and 0.9 to 0.8 cases per 100 VT years, respectively. There was a slight increase in reported alcohol-related problems in the IAP region, from 0.6 to 0.8 cases per 100 VT years. This change was not statistically significant.



This reduction is likely due to revisions in Peace Corps policy regarding alcohol use and behavioral problems associated with alcohol. It may also be due to changing support practices by PCMOs, in-country and headquarter staff, and improved training methods.

Asthma

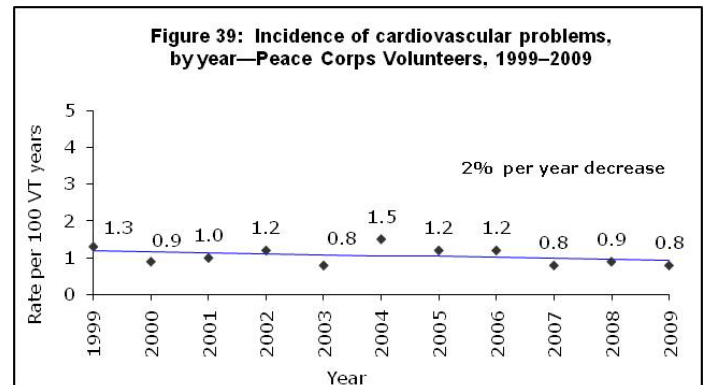
The rate of reported asthma (new asthma and asthma exacerbations) was 2.4 cases per 100 VT years. This rate has increased an average of 1 percent per year since 1999.



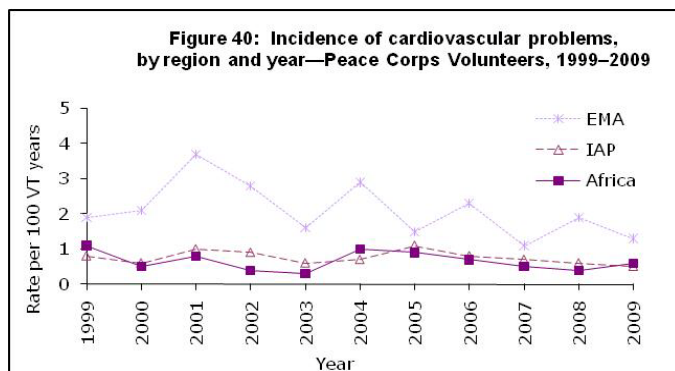
Cardiovascular problems

Cardiovascular problems include conditions related to the heart and blood vessels as determined by the PCMO or another health care professional.

The rate of cardiovascular problems among Volunteers was 0.8 problems per 100 VT years in 2009. This rate has decreased an average of 2 percent per year since 1999.



The EMA region reported a significant decrease in the rate of cardiovascular problems, from 1.9 to 1.3 treated cases per 100 VT years (42 to 27 cases). This compares to 0.5 cases per 100 VT years (13 cases) in IAP and 0.6 cases per 100 VT years (18 cases) in the Africa region.



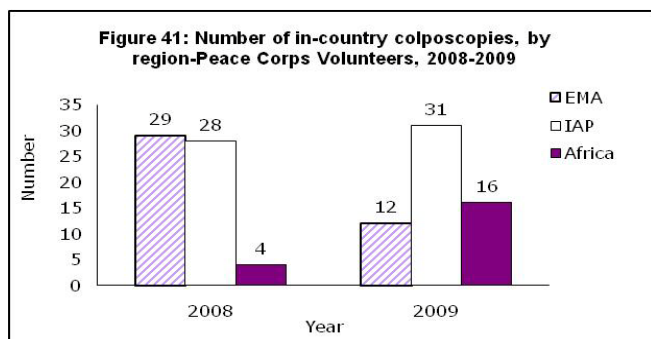
Colposcopies, in-country

Colposcopy is a medical procedure used to diagnose the cause of abnormal pap smears in women. The number of in-country colposcopies performed was tracked for the first time in 2008.

Any colposcopy performed in the Volunteer's country of service at a clinic, hospital, or facility authorized by medical staff for the diagnosis and/or treatment of a gynecological condition is reported.

Colposcopies performed in another country or region (e.g., Volunteer medevaced to another country for this procedure) are not reported in this category.

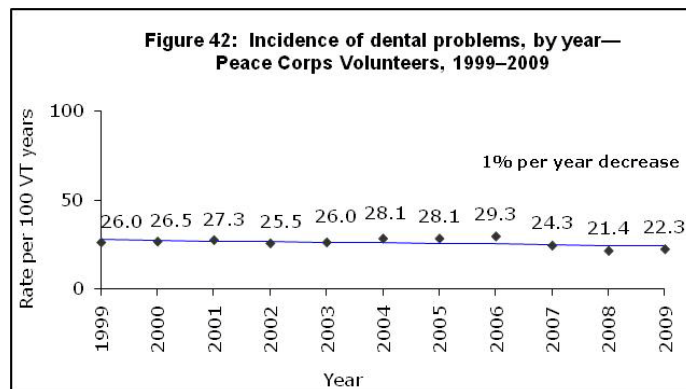
A total of 59 colposcopies were performed in 2009. The EMA region reported a decrease in the rate of in-country colposcopies, from 2.3 to 1.0 procedures per 100 VT years, while the Africa region had an increase in the in-country colposcopy rate, from 0.2 to 0.9 procedures per 100 VT years.



Dental problems

Dental issues include all dental and periodontal conditions evaluated by a dentist or other health care professional. Follow-up visits for a single problem or routine cleanings are not included.

Dental problems are the third most reported condition among Volunteers, with an overall rate of 22.3 problems per 100 VT years in 2009. This rate has decreased by 1 percent per year since 1999.



Environmental concerns

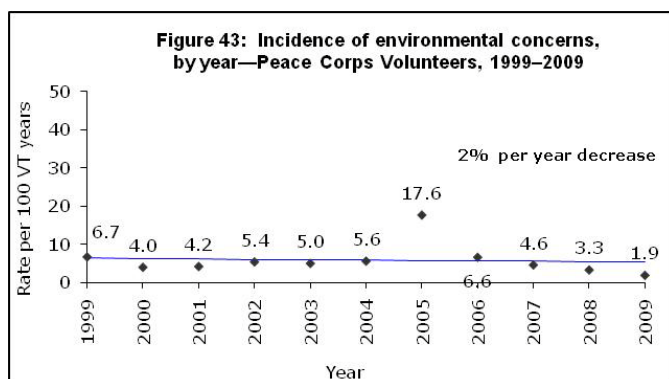
Environmental concerns are one-on-one discussions (in person or by telephone) regarding exposure to environmental threats. Topics may include air pollution, pesticides, food sanitation, natural disasters, and emerging diseases, among others.

There was a significant decrease in the overall rate of reported environmental concerns, from 3.3 concerns per 100 VT years in 2008 to 1.9 concerns per 100 VT years in 2009. During this period, the EMA and IAP regions reported a decrease of 4.5 to 2.6 concerns and 5.3 to 2.3 concerns per 100 VT years, respectively. Africa was the only region to post an increase in the rate of environmental concerns, from 0.6 to 1.1 concerns per 100 VT years. Reports of environmental concerns have decreased an average of 2 percent per year.

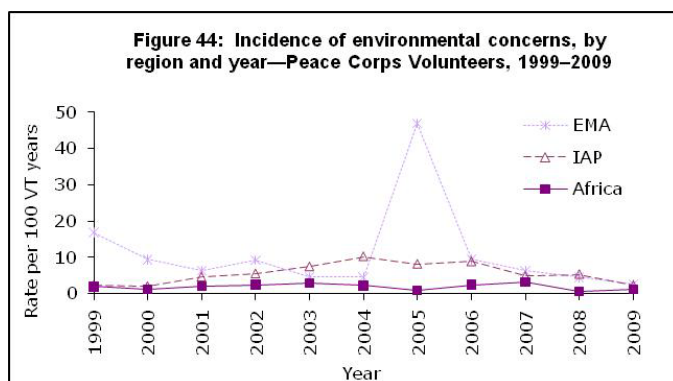
Romania had the largest decrease of country incidences in the EMA region, with 19 cases in 2009 compared to 46 reported cases in 2008. Vanuatu, in the IAP region, went from 60 reported cases in 2008 to 15 cases in 2009. In the Africa region, the overall number of environmental concerns reported by

Volunteers increased from 16 to 30 cases (rate of 0.6 concerns to 1.1 concerns per 100 VT years). The incidence of reported environmental concerns varied greatly from country to country. Reports of environmental concerns have decreased an average of 2 percent per year.

During 2009 there were several issues of concern throughout the world. These included tsunamis in the pacific region, reports of health risks caused by plastic water bottles and news of a pandemic influenza outbreak. Identification of H1N1 flu resulted in worldwide fervor which led to travel restrictions and changes in vaccine regulations. The decrease in environmental concerns may be due to the increased communication provided to Volunteers during the H1N1 pandemic. All Volunteers were vaccinated against this strain of flu and provided with information regarding the Posts' emergency action plan. These proactive measures may have served to quell the level of environmental concerns reported to the PCMOs.



Environmental concerns had a peak incidence in the EMA region in 2005. This was due to anxiety over Avian flu that year.



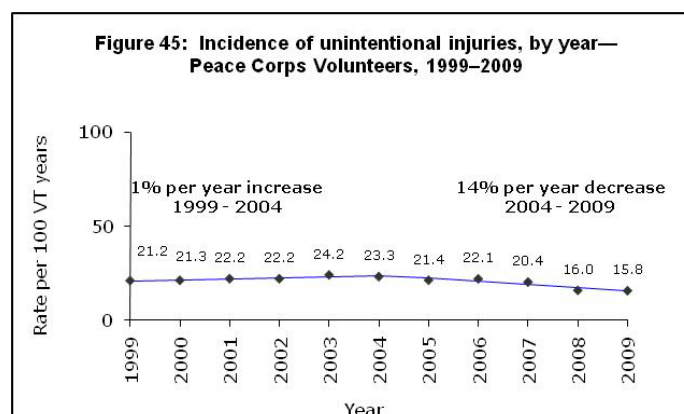
Injuries, unintentional

Unintentional injuries are reported if they require medical evaluation or treatment by the PCMO or other health care professional.

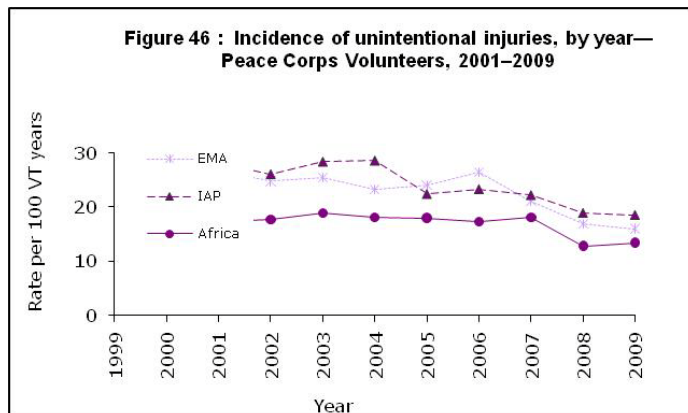
This category includes pedestrian injuries, bicycle related injuries, motorcycle related injuries, motor vehicle related injuries, water related injuries, sports related injuries, and “other” injuries. “Other” injuries include falls, burns, animal bites, poisoning, cuts, abrasions, and puncture wounds not related to sports, water or vehicles.

The overall unintentional injury rate in 2009 was 15.8 injuries per 100 VT years. This is a slight reduction from 2008 (16.0 cases per 100 VT years). The highest incidence of unintentional injuries occurred in the IAP region (18.5 cases per 100 VT years), followed by EMA (16.0) and Africa (13.4).

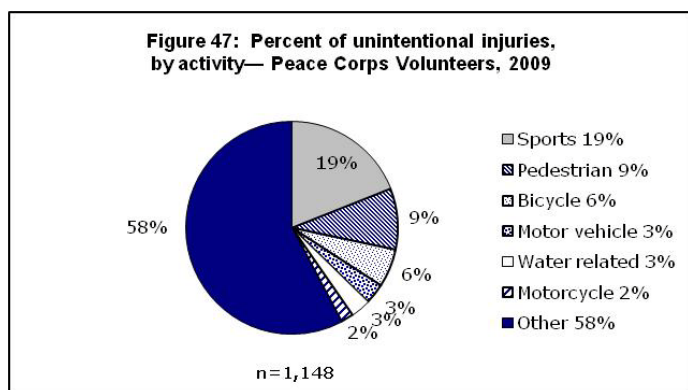
The rate of unintentional injuries increased 1 percent per year from 1999 to 2004 and then decreased 14 percent per year from 2004 to 2009. Decreases in the incidences of motor vehicle related, sports related, and other injuries account for the overall decrease seen in this category.



Since 1999, Africa has reported the lowest number of unintentional injuries by region.

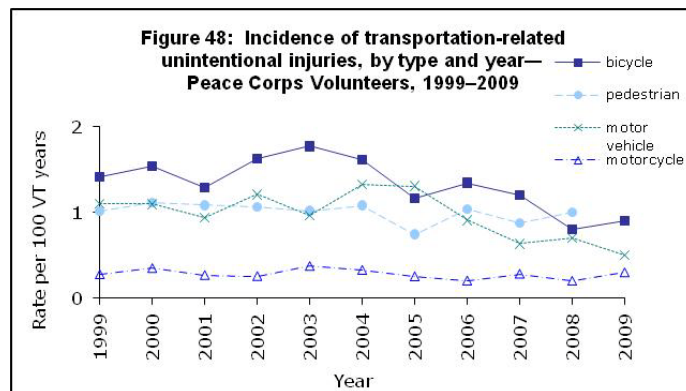


Among the 1,148 unintentional injuries reported in 2009, 58 percent were classified in the “other” category, which includes cuts, burns, falls, and animal bites. Sports-related injuries accounted for 19 percent of the injuries, pedestrian accidents 9 percent, and bicycle accidents 6 percent. The remainder consisted of motor vehicle accidents (3 percent), water-related accidents (3 percent), and motorcycle accidents (2 percent).



From 2008 to 2009, the rate of pedestrian injuries increased from 1.0 to 1.5 cases per 100 VT years (74 to 107 cases).

The rate of motorcycle injuries remains low compared to other traffic-related injuries (bicycle, motor vehicle, motorcycle, and pedestrian).



Injuries, Alcohol-related

Injuries, alcohol-related is a category introduced in 2008. Alcohol-related injuries are reported for any injury associated with reported alcohol use by a Volunteer or trainee that requires evaluation and/or treatment by a health care professional.

In 2009, there were 21 cases of reported alcohol-related injuries. The rate of 0.3 cases per 100 VT years is similar to 2008. Thirty-eight percent (8 cases) of the alcohol-related injuries came from the Africa region.

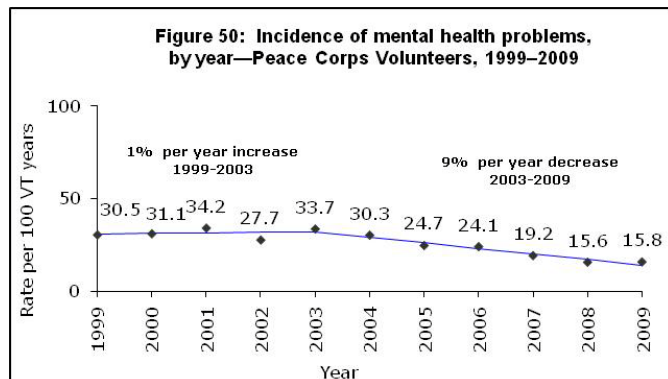


Mental health problems

A mental health problem is a one-on-one discussion (in person or by telephone) regarding a mental health issue, such as depression, problems with interpersonal relationships, reactions to stress, and loneliness.

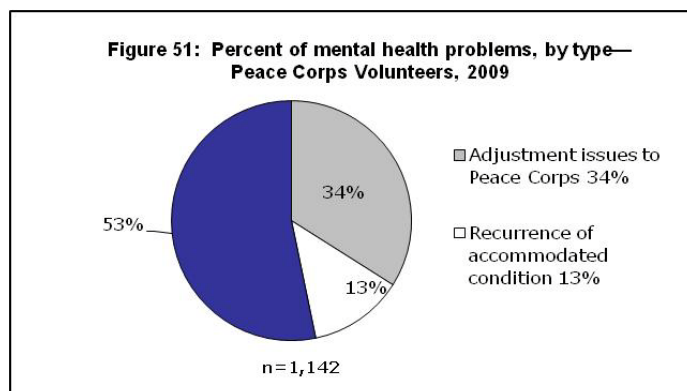
Mental health problems occurred at a rate of 15.8 problems per 100 VT years in 2009. This rate increased an average of 1 percent per year from 1999

to 2003 and then decreased 9 percent per year from 2003 to 2009.



The Office of Medical Services determines whether an applicant is medically qualified for service and identifies country-specific resources that will allow applicants with conditions requiring accommodation to serve safely and effectively. This is referred to as an accommodated condition.

Among the 1,142 mental health problems reported in 2009, 34 percent (388 cases) were adjustment issue-related conditions, 13 percent (146 cases) were recurrences of accommodated conditions, and the remaining 53 percent (608 cases) were other mental health problems.

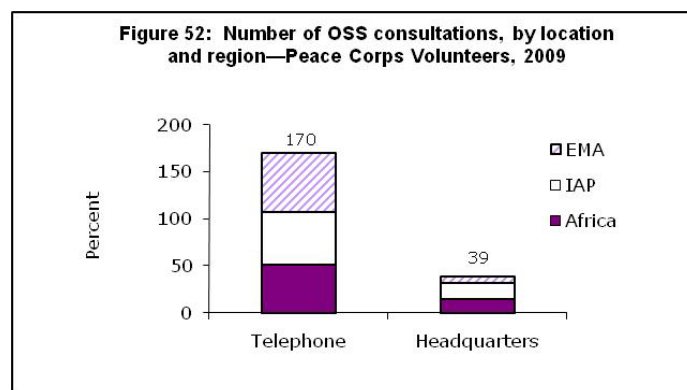


Office of Special Services Mental health consultations

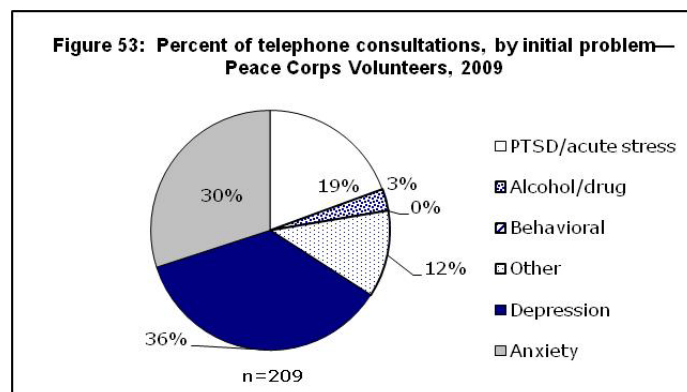
The Office of Special Services (OSS) maintains records of mental health consultations it provided to Volunteers and trainees. Consultations take place either over the telephone or in person at Peace Corps headquarters (HQ).

Symptoms leading to a consultation may include depression, anxiety, post-traumatic stress disorder (PTSD) or other acute stress, alcohol or drug problems, behavioral problems, or other mental health conditions. Information on OSS mental health consultations was first included in *The Health of the Volunteer 2007*.

Among the 1,142 mental health problems reported in 2009, there were 170 telephone consultations conducted by OSS, accounting for a rate of 2.4 consultations per 100 VT years. There were 39 in-person consultations by OSS at Peace Corps headquarters representing a rate of 0.5 consultations per 100 VT years. Both types of consultations were evenly distributed between EMA (63 phone, 7 HQ), IAP (55 phone, 17 HQ), and Africa (52 phone, 15 HQ) regions.



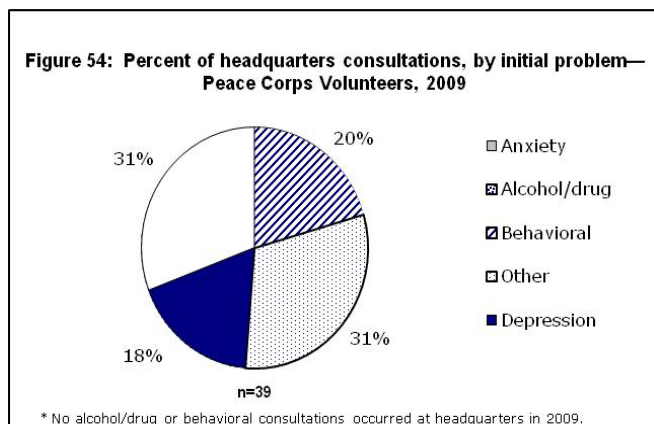
Most of the telephone consultations were for depression (61, 36 percent) and anxiety (51, 30 percent). PTSD and acute stress were responsible for 19 percent (33) of the phone consultations.



The majority of headquarters consultations were for post-traumatic stress disorder (PTSD) or other acute

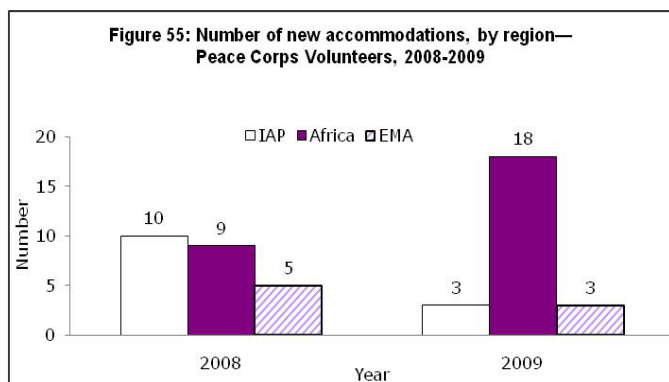
The Health of the Volunteer 2009

stress (12, 31percent) and other mental health conditions (12, 31 percent), while anxiety (8, 21 percent) and depression (7, 18 percent) were seen less frequently.



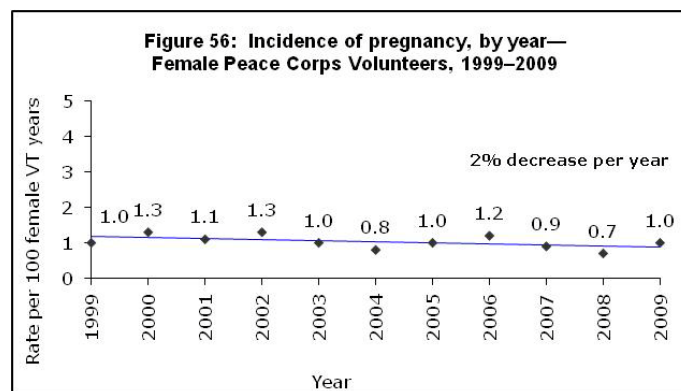
New accommodated conditions

New accommodated conditions are accommodations made at post by the PCMO. There were 24 new accommodated conditions reported: 18 from Africa, and three each from EMA and IAP.



Pregnancy

In 2009, there were 45 pregnancies among female Volunteers for a rate of 1.0 pregnancies per 100 female VT years. This rate has decreased an average of 2 percent per year since 1999.

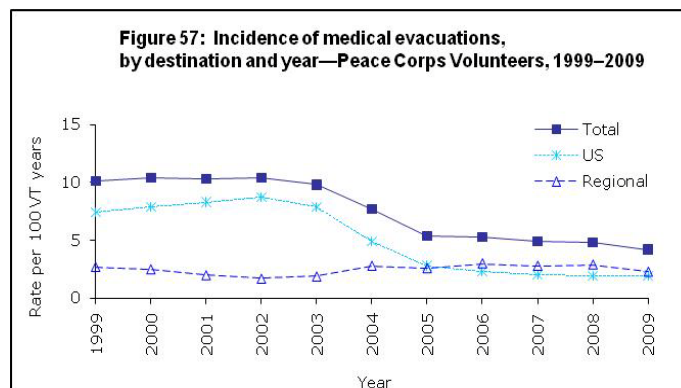


Severe outcomes

Medevacs

Medevacs 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. Volunteers may be medevaced more than once or the same Volunteer may be medevaced to a regional center and then to the U.S. In these instances, each of the medevacs has been counted separately.

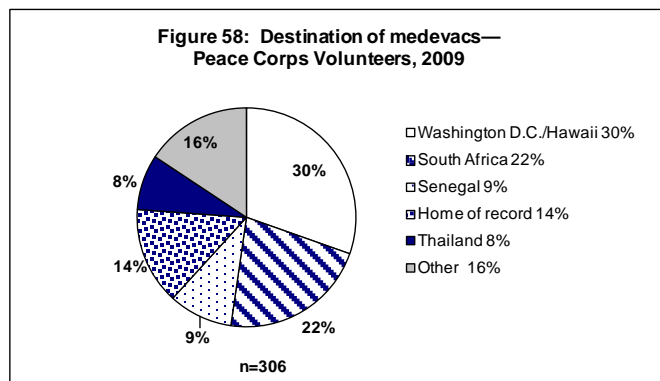
The overall medical evacuation (medevac) rate in 2009 was 4.2 evacuations per 100 VT years. Medevacs to regional centers had a rate of 2.3 evacuations per 100 VT years, while medevacs to the U.S. had a rate of 1.9 evacuations per 100 VT years.



As in 2006 through 2008, the rate of medevacs to regional centers remains higher than the rate of medevacs to the U.S. (2.3 regional medevacs to 1.9 U.S. medevacs per 100 VT years.)

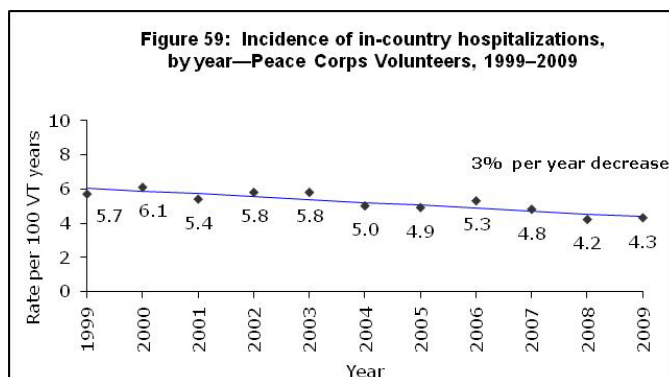
Of 306 medevacs in 2009, 45 percent (137 cases) were medevacs to the U.S. (Washington, D.C., home

of record, or Hawaii). Regional medevacs comprised 55 percent (169) of all medevacs. Most regional medevacs went to South Africa or other medevac sites, including Australia, Kenya, Panama, and the Philippines.



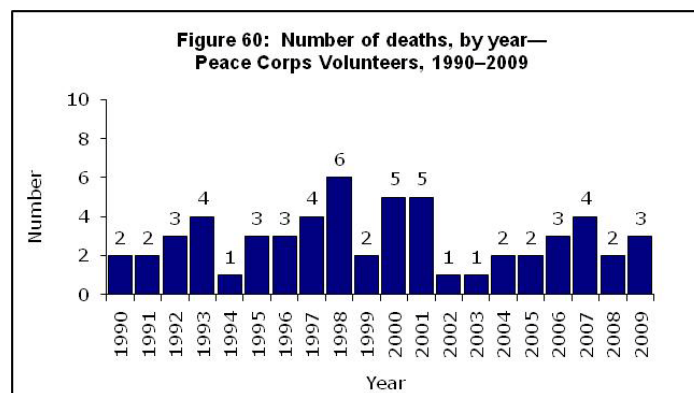
In-country hospitalizations

In 2009, the rate of in-country hospitalizations for Volunteers was 4.3 hospitalizations per 100 VT years. This rate has decreased an average of 3 percent per year since 1999.



In-service deaths

Three Volunteers died while serving in calendar year 2009. A homicide occurred in Benin, an illness resulted in a death in Morocco, and a Volunteer in Tanzania died from a fall while rock climbing.



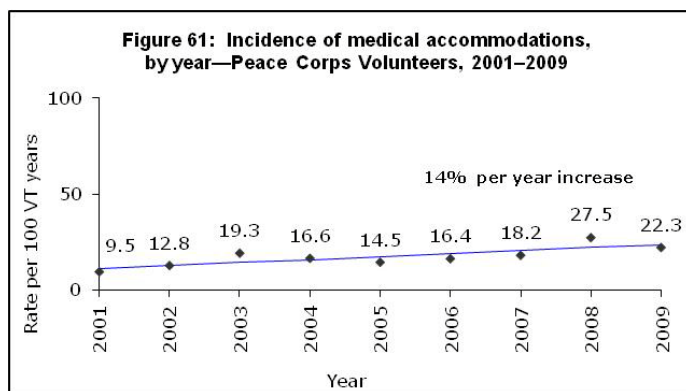
Pre- and post-service

Pre-service accommodations

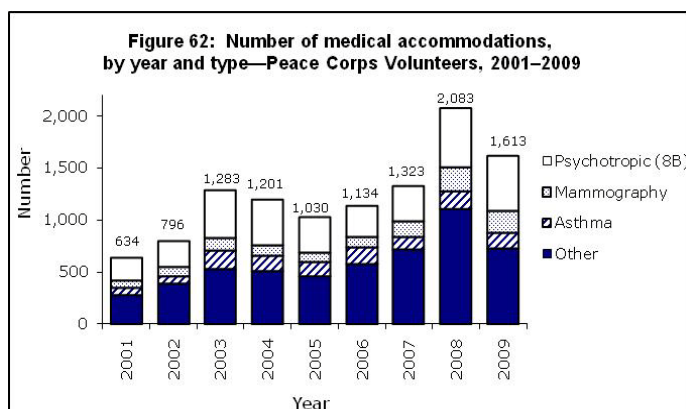
The Office of Medical Services assesses all Peace Corps applicants individually to evaluate their physical and mental capacity to perform the essential functions of a Peace Corps Volunteer. With reasonable accommodation, Volunteers must be able to perform these functions without undue disruption due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

The medical accommodation program within OMS makes decisions regarding applicants with special medical or site-placement needs. The medical pre-service team and/or the medical accommodation coordinator review all applicants who have special medical needs or require special site placement. Applicants with conditions requiring special medical monitoring (i.e., beyond routine care) are cleared by the pre-service team for countrywide 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 or other care are cleared for site-specific service by the medical accommodation coordinator. This process includes consultation among the OMS and Peace Corps staff at posts.

In 2009, there were 1,613 accommodations, resulting in a rate of 22.3 accommodations per 100 VT years. This rate has been increasing an average of 14 percent per year since 2001.



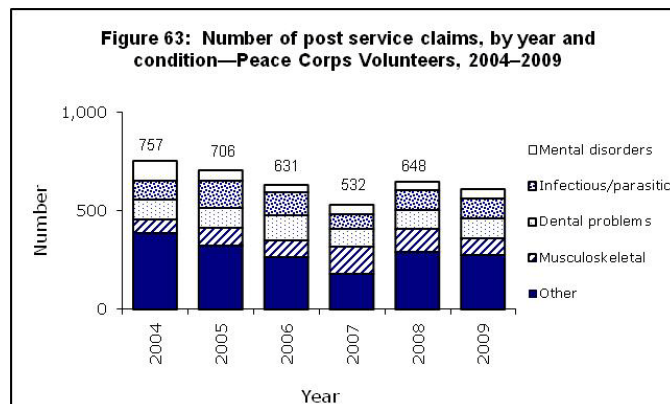
The most common accommodations in 2009 were psychotropic medication monitoring, 8B (527 accommodations) and access to mammography services (207 accommodations). Volunteers may be accommodated for more than one condition.



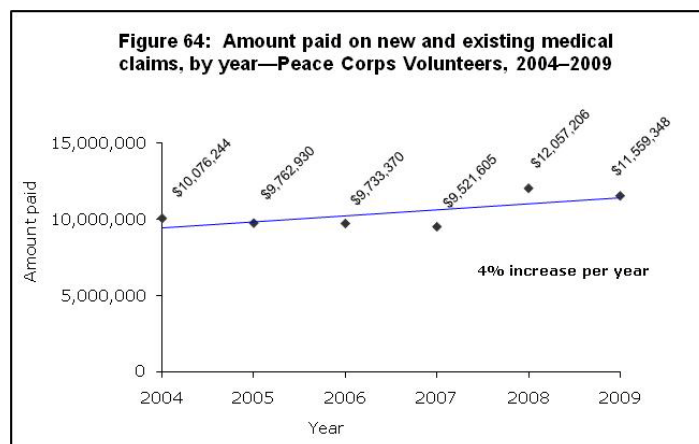
Post-service claims

After their close of service, Volunteers have three years in which to file claims under the Federal Employees' Compensation Act (FECA) for conditions that were caused, accelerated, or exacerbated by their service. Claims are filed with the Peace Corps, adjudicated by the Department of Labor, and paid by the Department of Labor with Peace Corps funds.

In 2009, post-service medical claims were filed by 612 returned Volunteers. The most common claims were for infectious and parasitic diseases (103 claims, 17 percent), dental problems (99 claims, 16 percent), and diseases of the musculoskeletal system and connective tissue (90 claims, 15 percent). Forty-eight claims were filed for mental disorders (8 percent).



In the 2009 calendar year, Peace Corps paid \$11,559,348 for Volunteer claims accepted by the Department of Labor. This is based on 2006 dollars. There has been a 4 percent per year increase in payments since 2004.



JANUARY 2008

TG 410 ATTACHMENT A

★ EPIDEMIOLOGIC SURVEILLANCE (ESS) REPORT FORM ★

Country:		Month:	January
Region:	Africa	Year:	2008

ALCOHOL-RELATED PROBLEMS:	0
ASTHMA (NEW & EXACERBATIONS):	0
CARDIOVASCULAR PROBLEMS:	0
COLPOSCOPIES (IN-COUNTRY):	0
DENGUE:	0
DENTAL PROBLEMS:	0
DERMATITIS (INFECTIOUS):	0
ENVIRONMENTAL HEALTH CONCERNS:	0
OTHER FEBRILE ILLNESS:	0
FILARIASIS:	0
GASTROINTESTINAL CONDITIONS	
Amebiasis:	
Giardiasis:	
Helminths:	
Salmonellosis:	
Shigellosis:	
Bacterial Diarrhea, Other or Presumed:	
Viral Diarrhea, Other or Presumed:	
Other Diarrheal Condition:	
HEPATITIS	
Hepatitis A:	0
Hepatitis B:	0
Hepatitis C:	0
Hepatitis, Other or Presumed:	0
IN-COUNTRY HOSPITALIZATIONS:	0
INJURIES (UNINTENTIONAL)	
Pedestrian:	0
Bicycle Riding (NOTE HELMET USE IN NOTES):	0
Motorcycle Riding:	0
Motor Vehicle (non-Motorcycle):	0
Water-Related Injury/Event:	0
Sports-Related (NOTE SPORT IN NOTES):	0
Other Unintentional Injuries:	0
(SPECIFY TYPE & NUMBER FOR EACH):	
INJURIES, ALCOHOL-RELATED:	0
LEISHMANIASIS:	0
MEDEVACS	
Medevac to US Home of Record:	0
Medevac to US Washington, DC:	0
Medevac to South Africa:	0
Medevac to Senegal:	0
Medevac to Kenya:	0
Medevac to Thailand:	0
Medevac to Panama:	0
Medevac to Australia:	0
Medevac to Other Location:	0
(SPECIFY LOCATION):	
MENTAL HEALTH PROBLEMS	
Recurrence of Accommodated Condition:	0
New adjustment disorder to Peace Corps:	0
Other Mental Health Problem:	0

NEW ACCOMMODATED CONDITIONS:	0
PREGNANCY:	0
HIV POST-EXPOSURE PROPHYLAXIS (PEP):	0
MALARIA CHEMOPROPHYLAXIS (LONG-TERM ONLY; NOT FOR SHORT-TERM TRAVEL)	
Mefloquine (Lariam):	
Chloroquine (Aralen):	
Doxycycline (Vibramycin):	
Malarone (atovaquone/proguanil):	
Other Chemoprophylaxis:	
(SPECIFY AGENT USED):	
FALCIPARUM MALARIA (CONFIRMED)	
Falciparum on MEFLOROQUINE:	0
Falciparum on CHLOROQUINE:	0
Falciparum on DOXYCYCLINE:	0
Falciparum on MALARONE:	0
NON-FALCIPARUM MALARIA (CONFIRMED)	
Non-Falciparum on MEFLOROQUINE:	0
Non-Falciparum on CHLOROQUINE:	0
Non-Falciparum on DOXYCYCLINE:	0
Non-Falciparum on MALARONE:	0
PRESUMPTIVE MALARIA	
Presumptive on MEFLOROQUINE:	0
Presumptive on CHLOROQUINE:	0
Presumptive on DOXYCYCLINE:	0
Presumptive on MALARONE:	0
SCHISTOSOMIASIS	
Clinical Symptoms/Visualized Ova & Parasite:	0
Positive Antibody Test:	0
SEXUALLY TRANSMITTED DISEASE	
Bacterial STD:	0
Presumptive Bacterial STD:	0
Viral STD (non-HIV):	0
Other Gynecologic Infections:	0
HIV (Western Blot Positive):	0
TUBERCULOSIS	
PPD Skin Test Conversion:	0
Active Tuberculosis:	0
VACCINE-PREVENTABLE DISEASES :	0
(SPECIFY TYPE AND NUMBER FOR EACH):	
CORRECTIONS:	
(SPECIFY NUMBER OF CASES, CATEGORY, AND MONTH)	
ADD:	
DELETE:	
NOTES AND OTHER MAJOR CONDITIONS:	

Save this document, then e-mail it as an attachment to dbanks@peacecorps.gov

No encryption is needed.

Appendix B: Peace Corps Volunteers by Countries and Regions, 2009†

Africa		Europe, Mediterranean & Asia (EMA)		Inter-America & Pacific (IAP)	
Country	Total Volunteers	Country	Total Volunteers	Country	Total Volunteers
Benin	103	Albania	78	Belize	65
Botswana	113	Armenia	84	Costa Rica	114
Burkina Faso	116	Azerbaijan	102	Dominican Republic	182
Cameroon	137	Bulgaria	139	Eastern Caribbean	96
Cape Verde	58	Cambodia	55	<i>Antigua and Barbuda</i>	
Ethiopia	68	China	106	<i>Dominica</i>	
Ghana	154	Georgia****	15	<i>Grenada</i>	
Guinea**	74	Jordan	50	<i>St. Kitts & Nevis</i>	
Kenya	67	Kazakhstan	125	<i>St. Lucia</i>	
Lesotho	85	Kyrgyz Republic	110	<i>St. Vincent & the Grenadines</i>	
Liberia	17	Macedonia	78	Ecuador	162
Madagascar***	32	Moldova	120	El Salvador	139
Malawi	136	Mongolia	116	Fiji	62
Mali	146	Morocco	230	Guatemala	197
Mauritania**	76	Philippines	122	Guyana	68
Mozambique	128	Romania	127	Honduras	184
Namibia	111	Thailand	99	Jamaica	86
Niger	129	Turkmenistan	71	Mexico	51
Rwanda*	37	Ukraine	273	Micronesia & Palau	54
Senegal	158	EMA Total	2,100	Nicaragua	181
South Africa	131			Panama	169
Swaziland	57			Paraguay	194
Tanzania	143			Peru	168
The Gambia	93			Samoa	43
Togo	102			Suriname	42
Uganda	140			Tonga	49
Zambia	155			Vanuatu	76
Africa Total	2,766			IAP Total	2,382

Peace Corps Total: 7,248

† Data as of September 30, 2009

* Opened in 2009

** Suspended in 2009

***Suspended April-October 2009

****Reopened in June 2009

Appendix C: Peace Corps Countries with Endemic Malaria, by Region in 2009

Africa	Europe, Mediterranean & Asia (EMA)	Inter-America & Pacific (IAP)
Country	Country	Country
Benin	Azerbaijan	Belize
Botswana	Cambodia	Costa Rica
Burkina Faso	China	Dominican Republic
Cameroon	Georgia	Ecuador
Cape Verde	Philippines	El Salvador
Ethiopia		Guatemala
Ghana		Guyana
Guinea		Honduras
Kenya		Jamaica
Liberia		Mexico
Madagascar		Nicaragua
Malawi		Panama
Mali		Paraguay
Mauritania		Peru
Mozambique		Suriname
Namibia		Vanuatu
Niger		
Rwanda		
Senegal		
South Africa		
Swaziland		
Tanzania		
The Gambia		
Togo		
Uganda		
Zambia		

Appendix D: Tables

Table 1. Number and percent of prescribed antimalarial chemoprophylaxis, by year and type—Peace Corps Volunteers (Africa region only), 1999–2009

Year	Mefloquine		Doxycycline		Atovaquone/ proguanil		Other	
	No. *	%	No.	%	No.	%	No.	%
1999	2059	91	185	8	0	-	7	<1
2000	1978	88	259	12	0	-	7	<1
2001	1994	87	275	12	17	1	7	<1
2002	1811	85	274	13	37	2	3	<1
2003	1900	79	403	17	82	3	6	<1
2004	1849	73	553	22	117	5	6	<1
2005	1766	72	569	23	99	4	3	<1
2006	1834	76	498	21	73	3	1	<1
2007	2039	78	509	19	72	3	1	<1
2008	1954	76	545	21	75	3	1	<1
2009	1917	73	636	24	81	3	1	<1

* Average number prescribed per month

Table 2: Number and percent of medical evacuations by destination—Peace Corps Volunteers, 2009

Location	U.S.		Location	Regional	
	No.	%		No.	%
Washington, D.C.	92	67.2	South Africa	67	39.6
Home of Record	44	32.1	Senegal	29	17.2
Hawaii	1	1.4	Thailand	25	14.8
			Panama	17	10.1
			Australia	10	5.9
			Kenya	12	7.1
			Other*	9	5.3
Total U.S. medevacs	137	100	Total regional medevacs	169	100

* Includes: Austria, Fiji, Italy, Macedonia, and Philippines

Table 3: Number and percent of medical accommodations by category— Peace Corps Volunteers, 2009

Accommodation	2009	
	No.	%
Psychotropic medication monitoring (8B)	527	32.7
Mammography	207	12.8
Asthma	150	9.3
Rare Accommodation	116	7.2
Adderall	85	5.3
Shellfish Allergy	75	4.6
Non Malarial	66	4.1
Ophthalmology	59	3.7
Dermatology	52	3.2
Nut allergy	49	3.0
Cardiology	33	2.0
Gynecology	33	2.0
Psychiatrist Available in country (8A)	31	1.9
GYN IUD	25	1.5
PSA	22	1.4
Ritalin Available	22	1.4
Gluten	21	1.3
Seizure	14	0.9
Seasonal Affective Disorder	9	0.6
Endocrinology	8	0.5
Urology	5	0.3
Egg allergy	3	0.2
Periodontal	1	0.1
Total	1,613	100

Table 4: Number and incidence of medical accommodations, by year and type— Peace Corps Volunteers, 2001–2009

Year	Psychotropic medication monitoring (8B)	Asthma	Mammography	Other Accommodation	Total Accommodations
	No.	No.	No.	No.	No.
2001	216	67	79	273	634
2002	252	74	91	380	796
2003	458	175	125	526	1282
2004	445	150	108	501	1200
2005	348	141	86	457	1030
2006	299	159	103	577	1134
2007	340	117	154	710	1323
2008	575	170	230	1,108	2082
2009	527	150	207	729	1613

Table 5: Number and percent of post-service medical claims filed by category and year— Peace Corps Volunteers, 2005–2009

Post-service medical claim diagnostic category	2005		2006		2007		2008		2009	
	No.	%	No.	%	No.	%	No.	%	No.	%
Diseases of the musculoskeletal system and connective tissue	90	12.7	85	13.5	136	25.6	118	18.4	90	18.4
Dental	99	14.0	131	20.8	88	16.5	98	15.2	99	16.1
Infectious and parasitic diseases	138	19.5	118	18.7	78	14.7	98	15.2	103	16.8
Mental disorders	53	7.5	33	5.2	47	8.8	44	6.8	48	7.8
Diseases of the skin and subcutaneous system	79	11.2	41	6.5	36	6.8	52	8.1	52	8.5
Diseases of the genitourinary system	31	4.4	32	5.0	25	4.7	21	3.2	29	4.7
Diseases of the nervous system and sense organs	51	7.2	22	3.5	20	3.8	32	5.0	22	3.6
Pregnancy	11	1.6	32	5.0	18	3.4	20	3.1	31	5.0
Neoplasms	7	1.0	15	2.4	16	3.0	18	2.8	15	2.4
Injury	78	11.0	69	10.9	14	2.5	73	11.4	57	9.3
Diseases of the digestive system	11	1.6	20	3.2	11	2.1	29	4.5	23	3.7
Diseases of the circulatory system	7	1.0	7	1.1	11	2.1	5	0.8	11	1.8
Endocrine, nutritional, and metabolic diseases and immunity disorders	7	1.0	3	0.5	9	1.7	9	1.4	12	2.0
Diseases of the blood and blood-forming organs	7	1.0	1	0.2	8	1.5	1	0.2	3	0.5
Diseases of the respiratory system	15	2.1	12	1.9	7	1.3	17	2.6	9	1.5
Symptoms, signs, and ill-defined conditions	16	2.3	7	1.1	6	1.1	7	1.1	7	1.1
Complication of pregnancy, childbirth and the puerperium	6	0.9	3	0.5	2	0.4	0	-	0	-
Conditions originating in the prenatal period	0	-	0	-	0	-	1	0.2	0	-
Congenital anomalies	0	-	0	-	0	-	0	-	1	0.2
Total	706	100	631	100	532	100	643	100	612	100

Appendix D: Country-specific data

Country	No. Reports	VT Years	Alcohol-Related Problems		Asthma		Cardiovascular Problems		In-Country Colposcopies		Dengue	
			No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	12	79.0	0	-	0	-	2	2.5	0	-	0	-
ARMENIA	12	84.3	3	3.6	0	-	0	-	0	-	0	-
AZERBAIJAN	12	101.9	0	-	1	1.0	0	-	2	2.9	0	-
BULGARIA	12	142.6	1	0.7	6	4.2	2	1.4	0	-	0	-
CAMBODIA	12	54.9	1	1.8	1	1.8	0	-	0	-	2	3.6
CHINA	12	92.8	0	-	1	1.1	0	-	0	-	0	-
GEORGIA	7	15.4	0	-	1	6.5	1	6.5	0	-	0	-
JORDAN	12	50.9	0	-	3	5.9	0	-	0	-	0	-
KAZAKHSTAN	12	126.0	6	4.8	1	0.8	0	-	0	-	0	-
KYRGYZ REPUBLIC	12	110.0	1	0.9	1	0.9	0	-	0	-	0	-
MACEDONIA	12	78.0	0	-	4	5.1	0	-	2	4.0	0	-
MOLDOVA	12	119.6	2	1.7	12	10.0	0	-	0	-	0	-
MONGOLIA	12	115.6	7	6.1	3	2.6	0	-	0	-	0	-
MOROCCO	12	229.4	0	-	3	1.3	0	-	0	-	0	-
PHILIPPINES	12	122.4	4	3.3	3	2.5	0	-	0	-	6	4.9
ROMANIA	12	127.6	3	2.4	14	11.0	7	5.5	5	7.4	0	-
THAILAND	12	99.2	0	-	7	7.1	0	-	0	-	3	3.0
TURKMENISTAN	12	71.3	0	-	0	-	0	-	0	-	0	-
UKRAINE	12	274.2	2	0.7	0	-	15	5.5	3	1.8	0	-
EMA TOTAL	-	2095.1	30	1.4	61	2.9	27	1.3	12	1.0	11	0.5
BELIZE	12	65.2	0	-	0	-	0	-	1	2.6	2	3.1
COSTA RICA	12	114.8	0	-	1	0.9	0	-	3	4.0	0	-
DOMINICAN REPUBLIC	12	181.8	0	-	4	2.2	0	-	6	5.0	17	9.4
EASTERN CARIBBEAN	12	96.1	6	6.2	0	-	0	-	0	-	0	-
ECUADOR	12	161.6	1	0.6	3	1.9	1	0.6	3	2.8	2	1.2
EL SALVADOR	12	139.3	0	-	5	3.6	0	-	1	1.4	1	0.7
FIJI	12	62.0	0	-	0	-	0	-	0	-	0	-
GUATEMALA	12	197.9	1	0.5	14	7.1	2	1.0	2	1.6	1	0.5
GUYANA	12	67.6	0	-	0	-	0	-	0	-	6	8.9
HONDURAS	12	184.0	1	0.5	5	2.7	7	3.8	7	6.3	10	5.4
JAMAICA	12	86.1	0	-	6	7.0	0	-	2	4.1	1	1.2
MEXICO	12	50.5	0	-	1	2.0	0	-	2	8.3	0	-
MICRONESIA	12	54.0	0	-	0	-	0	-	0	-	0	-
NICARAGUA	12	181.3	0	-	8	4.4	1	0.6	0	-	8	4.4
PANAMA	12	168.9	4	2.4	2	1.2	0	-	0	-	2	1.2
PARAGUAY	12	193.4	2	1.0	6	3.1	0	-	0	-	0	-
PERU	12	167.7	2	1.2	0	-	1	0.6	1	1.1	1	0.6
SAMOA	12	42.9	2	4.7	0	-	0	-	0	-	1	2.3
SURINAME	12	41.7	0	-	0	-	0	-	0	-	14	33.6
TONGA	12	48.7	0	-	2	4.1	0	-	0	-	8	16.4
VANUATU	12	75.9	1	1.3	3	4.0	1	1.3	3	6.2	2	2.6
IAP TOTAL	-	2381.4	20	0.8	60	2.5	13	0.5	31	2.2	76	3.2
BENIN	12	102.7	1	1.0	0	-	0	-	0	-	0	-
BOTSWANA	12	113.3	1	0.9	1	0.9	10	8.8	1	1.3	0	-
BURKINA FASO	12	116.0	0	-	0	-	0	-	0	-	4	3.4
CAMEROON	12	138.0	0	-	0	-	0	-	0	-	0	-
CAPE VERDE	12	57.9	0	-	5	8.6	0	-	0	-	7	12.1
ETHIOPIA	12	68.3	0	-	1	1.5	0	-	0	-	0	-
GHANA	12	155.4	0	-	0	-	0	-	3	3.7	0	-
GUINEA	10	74.4	3	4.0	0	-	0	-	0	-	0	-
KENYA	12	66.6	0	-	4	6.0	0	-	0	-	0	-
LESOTHO	12	85.2	1	1.2	2	2.3	0	-	1	1.7	0	-
LIBERIA	12	16.7	0	-	0	-	0	-	0	-	0	-
MADAGASCAR	5	31.5	0	-	0	-	0	-	0	-	0	-
MALAWI	12	135.7	3	2.2	1	0.7	0	-	0	-	0	-
MALI	12	146.3	1	0.7	0	-	1	0.7	0	-	0	-
MAURITANIA	7	77.8	0	-	3	3.9	0	-	0	-	0	-
MOZAMBIQUE	12	127.8	0	-	4	3.1	0	-	0	-	0	-
NAMIBIA	12	110.6	1	0.9	4	3.6	0	-	0	-	0	-
NIGER	12	129.2	0	-	0	-	2	1.5	0	-	0	-
RWANDA	12	36.8	0	-	1	2.7	1	2.7	0	-	0	-
SENEGAL	12	159.2	0	-	1	0.6	0	-	9	5.7	3	1.9
SOUTH AFRICA	12	131.5	1	0.8	1	0.8	0	-	1	1.1	0	-
SWAZILAND	12	56.7	0	-	23	40.6	0	-	0	-	0	-
TANZANIA	12	142.7	4	2.8	0	-	2	1.4	1	1.2	0	-
THE GAMBIA	12	93.4	1	1.1	1	1.1	1	1.1	0	-	0	-
TOGO	12	102.1	0	-	0	-	0	-	0	-	0	-
UGANDA	12	140.6	4	2.8	4	2.8	1	0.7	0	-	0	-
ZAMBIA	12	154.8	0	-	0	-	0	-	0	-	0	-
AFRICA TOTAL	-	2771.2	21	0.8	56	2.0	18	0.6	16	0.9	14	0.5
PEACE CORPS TOTAL	-	7247.7	71	1.0	177	2.4	58	0.8	59	1.3	101	1.4

Country	VT Years	Dental Problems		Dermatitis, Infectious		Environmental Health Concerns		Other Febrile Illness		Filariasis	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	79.0	6	7.6	3	3.8	0	-	1	1.3	0	-
ARMENIA	84.3	53	62.9	3	3.6	1	1.2	40	47.4	0	-
AZERBAIJAN	101.9	24	23.6	6	5.9	0	-	1	1.0	0	-
BULGARIA	142.6	68	47.7	21	14.7	2	1.4	0	-	0	-
CAMBODIA	54.9	10	18.2	5	9.1	3	5.5	0	-	0	-
CHINA	92.8	31	33.4	4	4.3	2	2.2	2	2.2	0	-
GEORGIA	15.4	3	19.5	8	51.9	0	-	1	6.5	0	-
JORDAN	50.9	2	3.9	2	3.9	5	9.8	0	-	0	-
KAZAKHSTAN	126.0	28	22.2	11	8.7	2	1.6	2	1.6	0	-
KYRGYZ REPUBLIC	110.0	53	48.2	4	3.6	0	-	0	-	0	-
MACEDONIA	78.0	16	20.5	3	3.8	2	2.6	0	-	0	-
MOLDOVA	119.6	15	12.5	38	31.8	0	-	33	27.6	0	-
MONGOLIA	115.6	27	23.4	0	-	8	6.9	11	9.5	0	-
MOROCCO	229.4	40	17.4	26	11.3	0	-	0	-	0	-
PHILIPPINES	122.4	34	27.8	26	21.2	1	0.8	1	0.8	0	-
ROMANIA	127.6	58	45.5	50	39.2	19	14.9	20	15.7	0	-
THAILAND	99.2	28	28.2	17	17.1	1	1.0	12	12.1	0	-
TURKMENISTAN	71.3	20	28.1	17	23.8	0	-	1	1.4	0	-
UKRAINE	274.2	54	19.7	58	21.2	9	3.3	1	0.4	0	-
EMA TOTAL	2095.1	570	27.2	302	14.4	55	2.6	126	6.0	0	-
BELIZE	65.2	13	19.9	43	66.0	3	4.6	1	1.5	0	-
COSTA RICA	114.8	20	17.4	18	15.7	0	-	2	1.7	0	-
DOMINICAN REPUBLIC	181.8	25	13.8	87	47.9	0	-	20	11.0	0	-
EASTERN CARIBBEAN	96.1	17	17.7	17	17.7	0	-	23	23.9	0	-
ECUADOR	161.6	26	16.1	40	24.8	0	-	18	11.1	0	-
EL SALVADOR	139.3	17	12.2	38	27.3	0	-	8	5.7	0	-
FIJI	62.0	2	3.2	0	-	0	-	0	-	0	-
GUATEMALA	197.9	44	22.2	73	36.9	19	9.6	23	11.6	0	-
GUYANA	67.6	22	32.5	4	5.9	0	-	3	4.4	0	-
HONDURAS	184.0	47	25.5	41	22.3	1	0.5	1	0.5	0	-
JAMAICA	86.1	20	23.2	23	26.7	1	1.2	6	7.0	0	-
MEXICO	50.5	30	59.4	3	5.9	1	2.0	4	7.9	0	-
MICRONESIA	54.0	1	1.9	20	37.0	0	-	0	-	0	-
NICARAGUA	181.3	27	14.9	40	22.1	1	0.6	27	14.9	0	-
PANAMA	168.9	31	18.4	97	57.4	0	-	4	2.4	0	-
PARAGUAY	193.4	33	17.1	30	15.5	0	-	33	17.1	0	-
PERU	167.7	35	20.9	30	17.9	10	6.0	12	7.2	0	-
SAMOA	42.9	4	9.3	23	53.6	0	-	1	2.3	0	-
SURINAME	41.7	13	31.2	21	50.4	3	7.2	7	16.8	0	-
TONGA	48.7	20	41.1	16	32.9	0	-	35	71.9	0	-
VANUATU	75.9	30	39.5	75	98.8	15	19.8	21	27.7	0	-
IAP TOTAL	2381.4	477	20.0	739	31.0	54	2.3	249	10.5	0	-
BENIN	102.7	30	29.2	37	36.0	0	-	8	7.8	0	-
BOTSWANA	113.3	24	21.2	15	13.2	3	2.6	2	1.8	0	-
BURKINA FASO	116.0	11	9.5	16	13.8	3	2.6	5	4.3	0	-
CAMEROON	138.0	10	7.2	10	7.2	0	-	5	3.6	0	-
CAPE VERDE	57.9	10	17.3	19	32.8	0	-	14	24.2	0	-
ETHIOPIA	68.3	14	20.5	9	13.2	1	1.5	12	17.6	0	-
GHANA	155.4	24	15.4	24	15.4	0	-	10	6.4	0	-
GUINEA	74.4	66	88.7	54	72.6	0	-	46	61.8	0	-
KENYA	66.6	16	24.0	8	12.0	0	-	30	45.0	0	-
LESOTHO	85.2	17	20.0	4	4.7	5	5.9	0	-	0	-
LIBERIA	16.7	3	18.0	11	65.9	0	-	5	29.9	0	-
MADAGASCAR	31.5	2	6.3	18	57.1	0	-	2	6.3	0	-
MALAWI	135.7	24	17.7	25	18.4	5	3.7	3	2.2	0	-
MALI	146.3	29	19.8	62	42.4	1	0.7	10	6.8	0	-
MAURITANIA	77.8	18	23.1	30	38.6	0	-	0	-	0	-
MOZAMBIQUE	127.8	17	13.3	40	31.3	0	-	30	23.5	0	-
NAMIBIA	110.6	33	29.8	9	8.1	0	-	0	-	0	-
NIGER	129.2	11	8.5	29	22.4	0	-	32	24.8	0	-
RWANDA	36.8	5	13.6	12	32.6	3	8.2	2	5.4	0	-
SENEGAL	159.2	36	22.6	107	67.2	2	1.3	43	27.0	0	-
SOUTH AFRICA	131.5	27	20.5	9	6.8	0	-	36	27.4	0	-
SWAZILAND	56.7	3	5.3	4	7.1	2	3.5	0	-	0	-
TANZANIA	142.7	31	21.7	12	8.4	1	0.7	16	11.2	0	-
THE GAMBIA	93.4	10	10.7	58	62.1	3	3.2	19	20.3	0	-
TOGO	102.1	9	8.8	16	15.7	0	-	9	8.8	0	-
UGANDA	140.6	65	46.2	41	29.2	1	0.7	10	7.1	0	-
ZAMBIA	154.8	23	14.9	1	0.6	0	-	0	-	0	-
AFRICA TOTAL	2771.2	568	20.5	680	24.5	30	1.1	349	12.6	0	-
PEACE CORPS TOTAL	7247.7	1615	22.3	1721	23.7	139	1.9	724	10.0	0	0.0

Country	VT Years	Gastrointestinal Conditions									
		Amebiasis		Giardiasis		Intestinal Helminths		Salmonellosis		Shigellosis	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	79.0	0	-	0	-	1	1.3	0	-	0	-
ARMENIA	84.3	0	-	6	7.1	4	4.7	0	-	0	-
AZERBAIJAN	101.9	1	1.0	2	2.0	10	9.8	0	-	0	-
BULGARIA	142.6	0	-	0	-	0	-	0	-	0	-
CAMBODIA	54.9	1	1.8	35	63.8	2	3.6	0	-	0	-
CHINA	92.8	0	-	13	14.0	0	-	0	-	0	-
GEORGIA	15.4	7	45.5	6	39.0	0	-	0	-	0	-
JORDAN	50.9	0	-	0	-	0	-	0	-	0	-
KAZAKHSTAN	126.0	0	-	0	-	0	-	0	-	0	-
KYRGYZ REPUBLIC	110.0	0	-	8	7.3	11	10.0	0	-	0	-
MACEDONIA	78.0	0	-	2	2.6	0	-	0	-	0	-
MOLDOVA	119.6	0	-	35	29.3	0	0.0	1	0.8	0	-
MONGOLIA	115.6	0	-	2	1.7	0	-	0	-	0	-
MOROCCO	229.4	14	6.1	3	1.3	7	3.1	0	-	0	-
PHILIPPINES	122.4	14	11.4	0	-	0	-	0	-	0	-
ROMANIA	127.6	0	-	1	0.8	1	0.8	0	-	0	-
THAILAND	99.2	0	-	1	1.0	0	-	0	-	1	1.0
TURKMENISTAN	71.3	0	-	11	15.4	3	4.2	0	-	0	-
UKRAINE	274.2	1	0.4	1	0.4	1	0.4	0	-	0	-
EMA TOTAL	2095.1	38	1.8	126	6.0	40	1.9	1	-	1	-
BELIZE	65.2	3	4.6	1	1.5	2	3.1	0	-	0	-
COSTA RICA	114.8	7	6.1	0	-	1	0.9	0	-	0	-
DOMINICAN REPUBLIC	181.8	6	3.3	10	5.5	10	5.5	0	-	0	-
EASTERN CARIBBEAN	96.1	0	-	1	1.0	0	-	0	-	0	-
ECUADOR	161.6	39	24.1	4	2.5	6	3.7	0	-	0	-
EL SALVADOR	139.3	29	20.8	4	2.9	1	0.7	0	-	0	-
FIJI	62.0	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	17	8.6	8	4.0	2	1.0	0	-	0	-
GUYANA	67.6	0	-	0	-	0	-	0	-	0	-
HONDURAS	184.0	18	9.8	11	6.0	9	4.9	1	0.5	0	-
JAMAICA	86.1	0	-	0	-	0	-	0	-	0	-
MEXICO	50.5	0	-	0	-	0	-	1	2.0	0	-
MICRONESIA	54.0	5	9.3	0	-	1	1.9	0	-	0	-
NICARAGUA	181.3	66	36.4	51	28.1	15	8.3	0	-	0	-
PANAMA	168.9	15	8.9	12	7.1	5	3.0	0	-	0	-
PARAGUAY	193.4	0	-	14	7.2	4	2.1	0	-	0	-
PERU	167.7	0	-	11	6.6	4	2.4	0	-	0	-
SAMOA	42.9	0	-	1	2.3	0	-	0	-	0	-
SURINAME	41.7	0	-	11	26.4	2	4.8	0	-	0	-
TONGA	48.7	0	-	0	-	0	-	0	-	0	-
VANUATU	75.9	0	-	0	-	1	1.3	0	-	0	-
IAP TOTAL	2381.4	205	8.6	139	5.8	63	2.6	2	0.1	0	-
BENIN	102.7	36	35.1	23	22.4	0	-	0	-	0	-
BOTSWANA	113.3	0	0.0	0	0.0	0	-	1	0.9	0	-
BURKINA FASO	116.0	17	14.7	26	22.4	0	-	0	-	0	-
CAMEROON	138.0	6	4.3	3	2.2	1	0.7	0	-	0	-
CAPE VERDE	57.9	12	20.7	0	-	0	-	0	-	0	-
ETHIOPIA	68.3	2	2.9	0	-	5	7.3	0	-	0	-
GHANA	155.4	5	3.2	18	11.6	1	0.6	0	-	0	-
GUINEA	74.4	38	51.1	5	6.7	7	9.4	1	1.3	0	-
KENYA	66.6	1	1.5	4	6.0	0	-	0	-	1	1.5
LESOTHO	85.2	0	-	0	-	0	-	0	-	0	-
LIBERIA	16.7	0	-	0	-	1	6.0	0	-	0	-
MADAGASCAR	31.5	0	-	0	-	5	15.9	0	-	0	-
MALAWI	135.7	0	-	0	-	0	-	0	-	0	-
MALI	146.3	84	57.4	28	19.1	2	1.4	0	-	0	-
MAURITANIA	77.8	4	5.1	28	36.0	0	-	0	-	0	-
MOZAMBIQUE	127.8	1	0.8	0	-	1	0.8	0	-	0	-
NAMIBIA	110.6	0	-	1	0.9	1	0.9	1	0.9	0	-
NIGER	129.2	192	148.6	52	40.2	1	0.8	0	-	0	-
RWANDA	36.8	1	2.7	0	-	0	-	0	-	0	-
SENEGAL	159.2	29	18.2	4	2.5	3	1.9	0	-	0	-
SOUTH AFRICA	131.5	0	-	0	-	0	-	0	-	0	-
SWAZILAND	56.7	0	-	0	-	0	-	1	1.8	0	-
TANZANIA	142.7	4	2.8	4	2.8	1	0.7	0	-	1	0.7
THE GAMBIA	93.4	0	-	7	7.5	4	4.3	0	-	0	-
TOGO	102.1	22	21.5	26	25.5	0	-	0	-	0	-
UGANDA	140.6	6	4.3	6	4.3	0	-	0	-	0	-
ZAMBIA	154.8	2	1.3	7	4.5	0	-	0	-	1	0.6
AFRICA TOTAL	2771.2	462	16.7	242	8.7	33	1.2	4	0.1	3	0.1
PEACE CORPS TOTAL	7247.7	705	9.7	507	7.0	136	1.9	7	0.1	4	0.1

Country	VT Years	Gastrointestinal Conditions							
		Bacterial Diarrhea		Viral Diarrhea		Other Diarrhea		Total GI	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	79.0	1	1.3	0	-	8	10.1	10	12.7
ARMENIA	84.3	5	5.9	43	51.0	17	20.2	75	89.0
AZERBAIJAN	101.9	6	5.9	14	13.7	0	-	33	32.4
BULGARIA	142.6	0	-	10	7.0	19	13.3	29	20.3
CAMBODIA	54.9	40	72.9	0	-	9	16.4	87	158.5
CHINA	92.8	28	30.2	15	16.2	2	2.2	58	62.5
GEORGIA	15.4	6	39.0	1	6.5	11	71.4	31	201.3
JORDAN	50.9	0	-	0	-	17	33.4	17	33.4
KAZAKHSTAN	126.0	0	-	0	-	49	38.9	49	38.9
KYRGYZ REPUBLIC	110.0	39	35.5	12	10.9	11	10.0	81	73.6
MACEDONIA	78.0	3	3.8	7	9.0	5	6.4	17	21.8
MOLDOVA	119.6	13	10.9	9	7.5	4	3.3	62	51.8
MONGOLIA	115.6	30	26.0	6	5.2	17	14.7	55	47.6
MOROCCO	229.4	17	7.4	0	-	113	49.3	154	67.1
PHILIPPINES	122.4	6	4.9	6	4.9	15	12.3	41	33.5
ROMANIA	127.6	18	14.1	26	20.4	29	22.7	75	58.8
THAILAND	99.2	4	4.0	12	12.1	4	4.0	22	22.2
TURKMENISTAN	71.3	10	14.0	26	36.5	0	-	50	70.1
UKRAINE	274.2	14	5.1	31	11.3	37	13.5	85	31.0
EMA TOTAL	2095.1	240	11.5	218	10.4	367	17.5	1031	49.2
BELIZE	65.2	2	3.1	0	-	27	41.4	35	53.7
COSTA RICA	114.8	4	3.5	11	9.6	7	6.1	30	26.1
DOMINICAN REPUBLIC	181.8	22	12.1	19	10.5	52	28.6	119	65.5
EASTERN CARIBBEAN	96.1	0	-	1	1.0	13	13.5	15	15.6
ECUADOR	161.6	34	21.0	4	2.5	32	19.8	119	73.6
EL SALVADOR	139.3	74	53.1	32	23.0	11	7.9	151	108.4
FIJI	62.0	0	-	10	16.1	0	-	10	16.1
GUATEMALA	197.9	46	23.2	2	1.0	126	63.7	201	101.6
GUYANA	67.6	4	5.9	1	1.5	9	13.3	14	20.7
HONDURAS	184.0	61	33.2	47	25.5	23	12.5	170	92.4
JAMAICA	86.1	0	-	1	1.2	9	10.5	10	11.6
MEXICO	50.5	1	2.0	0	-	14	27.7	16	31.7
MICRONESIA	54.0	10	18.5	10	18.5	0	-	26	48.1
NICARAGUA	181.3	91	50.2	15	8.3	2	1.1	240	132.4
PANAMA	168.9	6	3.6	2	1.2	85	50.3	125	74.0
PARAGUAY	193.4	53	27.4	24	12.4	34	17.6	129	66.7
PERU	167.7	68	40.5	65	38.8	17	10.1	165	98.4
SAMOA	42.9	11	25.6	2	4.7	2	4.7	16	37.3
SURINAME	41.7	6	14.4	0	-	10	24.0	29	69.5
TONGA	48.7	5	10.3	20	41.1	9	18.5	34	69.8
VANUATU	75.9	2	2.6	16	21.1	31	40.8	50	65.9
IAP TOTAL	2381.4	500	21.0	282	11.8	513	21.5	1704	71.6
BENIN	102.7	12	11.7	0	-	37	36.0	108	105.2
BOTSWANA	113.3	21	18.5	9	7.9	0	-	31	27.4
BURKINA FASO	116.0	53	45.7	16	13.8	9	7.8	121	104.3
CAMEROON	138.0	14	10.1	0	-	28	20.3	52	37.7
CAPE VERDE	57.9	9	15.5	8	13.8	0	-	29	50.1
ETHIOPIA	68.3	56	82.0	10	14.6	2	2.9	75	109.8
GHANA	155.4	30	19.3	42	27.0	22	14.2	118	75.9
GUINEA	74.4	51	68.5	23	30.9	2	2.7	127	170.7
KENYA	66.6	30	45.0	10	15.0	11	16.5	57	85.6
LESOTHO	85.2	0	-	8	9.4	3	3.5	11	12.9
LIBERIA	16.7	2	12.0	1	6.0	8	47.9	12	71.9
MADAGASCAR	31.5	8	25.4	2	6.3	15	47.6	30	95.2
MALAWI	135.7	29	21.4	12	8.8	14	10.3	55	40.5
MALI	146.3	42	28.7	5	3.4	69	47.2	230	157.2
MAURITANIA	77.8	9	11.6	4	5.1	4	5.1	49	63.0
MOZAMBIQUE	127.8	0	-	0	-	40	31.3	42	32.9
NAMIBIA	110.6	2	1.8	2	1.8	29	26.2	36	32.5
NIGER	129.2	201	155.6	15	11.6	36	27.9	497	384.7
RWANDA	36.8	8	21.7	23	62.5	1	2.7	33	89.7
SENEGAL	159.2	22	13.8	51	32.0	20	12.6	129	81.0
SOUTH AFRICA	131.5	3	2.3	7	5.3	17	12.9	27	20.5
SWAZILAND	56.7	6	10.6	3	5.3	15	26.5	25	44.1
TANZANIA	142.7	20	14.0	2	1.4	23	16.1	55	38.5
THE GAMBIA	93.4	40	42.8	0	-	26	27.8	77	82.4
TOGO	102.1	11	10.8	0	-	45	44.1	104	101.9
UGANDA	140.6	55	39.1	9	6.4	47	33.4	123	87.5
ZAMBIA	154.8	10	6.5	38	24.5	2	1.3	60	38.8
AFRICA TOTAL	2771.2	744	26.8	300	10.8	525	18.9	2313	83.5
PEACE CORPS TOTAL	7247.7	1484	20.5	800	11.0	1405	19.4	5048	69.6

Country	VT Years	Hepatitis								In-country Hospitalization		Leishmaniasis	
		A		B		C		Other & Presumed		No.	Rate	No.	Rate
		No.	Rate	No.	Rate	No.	Rate	No.	Rate				
ALBANIA	79.0	0	-	0	-	0	-	0	-	4	5.1	0	-
ARMENIA	84.3	0	-	0	-	0	-	0	-	1	1.2	0	-
AZERBAIJAN	101.9	0	-	0	-	0	-	0	-	0	-	0	-
BULGARIA	142.6	0	-	0	-	0	-	1	0.7	2	1.4	0	-
CAMBODIA	54.9	0	-	0	-	0	-	0	-	1	1.8	0	-
CHINA	92.8	0	-	0	-	0	-	0	-	2	2.2	0	-
GEORGIA	15.4	0	-	0	-	0	-	0	-	1	6.5	0	-
JORDAN	50.9	0	-	0	-	0	-	0	-	4	7.9	0	-
KAZAKHSTAN	126.0	0	-	0	-	0	-	0	-	4	3.2	0	-
KYRGYZ REPUBLIC	110.0	0	-	0	-	0	-	0	-	1	0.9	0	-
MACEDONIA	78.0	0	-	0	-	0	-	0	-	0	-	0	-
MOLDOVA	119.6	0	-	0	-	0	-	0	-	0	-	0	-
MONGOLIA	115.6	0	-	0	-	0	-	0	-	2	1.7	0	-
MOROCCO	229.4	0	-	0	-	0	-	0	-	3	1.3	0	-
PHILIPPINES	122.4	0	-	0	-	0	-	0	-	7	5.7	0	-
ROMANIA	127.6	0	-	0	-	0	-	3	2.4	2	1.6	0	-
THAILAND	99.2	0	-	0	-	0	-	0	-	15	15.1	0	-
TURKMENISTAN	71.3	0	-	0	-	0	-	0	-	0	-	0	-
UKRAINE	274.2	0	-	0	-	0	-	0	-	2	0.7	0	-
EMA TOTAL	2095.1	0	-	0	-	0	-	4	0.2	51	2.4	0	-
BELIZE	65.2	0	-	0	-	0	-	0	-	5	7.7	0	-
COSTA RICA	114.8	0	-	0	-	0	-	0	-	4	3.5	0	-
DOMINICAN REPUBLIC	181.8	0	-	0	-	0	-	0	-	23	12.7	0	-
EASTERN CARIBBEAN	96.1	0	-	2	2.1	0	-	0	-	4	4.2	0	-
ECUADOR	161.6	0	-	0	-	0	-	0	-	5	3.1	1	0.6
EL SALVADOR	139.3	0	-	0	-	0	-	0	-	22	15.8	0	-
FIJI	62.0	0	-	0	-	0	-	0	-	6	9.7	0	-
GUATEMALA	197.9	0	-	0	-	0	-	0	-	15	7.6	0	-
GUYANA	67.6	0	-	0	-	0	-	0	-	4	5.9	0	-
HONDURAS	184.0	0	-	0	-	0	-	0	-	19	10.3	0	-
JAMAICA	86.1	0	-	0	-	0	-	0	-	1	1.2	0	-
MEXICO	50.5	0	-	0	-	0	-	0	-	1	2.0	0	-
MICRONESIA	54.0	0	-	0	-	0	-	0	-	2	3.7	0	-
NICARAGUA	181.3	0	-	0	-	0	-	0	-	14	7.7	0	-
PANAMA	168.9	0	-	0	-	0	-	0	-	28	16.6	1	0.6
PARAGUAY	193.4	0	-	0	-	0	-	0	-	6	3.1	0	-
PERU	167.7	0	-	0	-	0	-	0	-	2	1.2	0	-
SAMOA	42.9	0	-	0	-	0	-	0	-	2	4.7	0	-
SURINAME	41.7	0	-	0	-	0	-	0	-	0	-	0	-
TONGA	48.7	0	-	0	-	0	-	0	-	6	12.3	0	-
VANUATU	75.9	0	-	0	-	0	-	0	-	0	-	0	-
IAP TOTAL	2381.4	0	-	2	0.1	0	-	0	-	169	7.1	2	0.1
BENIN	102.7	0	-	0	-	0	-	0	-	0	-	0	-
BOTSWANA	113.3	0	-	0	-	0	-	0	-	2	1.8	0	-
BURKINA FASO	116.0	0	-	0	-	0	-	0	-	24	20.7	0	-
CAMEROON	138.0	0	-	0	-	0	-	0	-	3	2.2	0	-
CAPE VERDE	57.9	0	-	0	-	0	-	0	-	1	1.7	0	-
ETHIOPIA	68.3	0	-	0	-	0	-	0	-	0	-	0	-
GHANA	155.4	0	-	0	-	0	-	0	-	1	0.6	0	-
GUINEA	74.4	0	-	0	-	0	-	0	-	2	2.7	0	-
KENYA	66.6	0	-	0	-	0	-	0	-	11	16.5	0	-
LESOTHO	85.2	0	-	0	-	0	-	0	-	2	2.3	0	-
LIBERIA	16.7	0	-	0	-	0	-	0	-	2	12.0	0	-
MADAGASCAR	31.5	0	-	0	-	0	-	0	-	1	3.2	0	-
MALAWI	135.7	0	-	0	-	0	-	1	0.7	8	5.9	0	-
MALI	146.3	0	-	0	-	0	-	0	-	0	-	0	-
MAURITANIA	77.8	0	-	0	-	0	-	0	-	1	1.3	0	-
MOZAMBIQUE	127.8	0	-	0	-	0	-	0	-	1	0.8	0	-
NAMIBIA	110.6	0	-	0	-	0	-	0	-	3	2.7	0	-
NIGER	129.2	0	-	0	-	0	-	0	-	0	-	1	0.8
RWANDA	36.8	0	-	0	-	0	-	0	-	0	-	0	-
SENEGAL	159.2	0	-	0	-	0	-	0	-	5	3.1	0	-
SOUTH AFRICA	131.5	0	-	0	-	0	-	0	-	3	2.3	0	-
SWAZILAND	56.7	0	-	0	-	0	-	0	-	1	1.8	0	-
TANZANIA	142.7	0	-	0	-	0	-	0	-	3	2.1	0	-
THE GAMBIA	93.4	0	-	0	-	0	-	0	-	2	2.1	0	-
TOGO	102.1	0	-	0	-	0	-	0	-	1	1.0	0	-
UGANDA	140.6	0	-	0	-	0	-	1	0.7	13	9.2	0	-
ZAMBIA	154.8	0	-	0	-	0	-	1	0.6	0	-	0	-
AFRICA TOTAL	2771.2	0	-	0	-	0	-	3	0.1	90	3.2	1	-
PEACE CORPS TOTAL	7247.7	0	-	2	-	0	-	7	0.1	310	4.3	3	-

Country	VT Years	Unintentional Injury											
		Pedestrian		Bicycle		Motorcycle		Motor Vehicle		Water Related		Sports	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	79.0	0	-	0	-	0	-	0	-	1	1.3	1	1.3
ARMENIA	84.3	0	-	0	-	0	-	0	-	0	-	7	8.3
AZERBAIJAN	101.9	0	-	1	1.0	0	-	0	-	0	-	2	2.0
BULGARIA	142.6	1	0.7	0	-	0	-	0	-	0	-	8	5.6
CAMBODIA	54.9	0	-	3	5.5	0	-	0	-	0	-	2	3.6
CHINA	92.8	0	-	0	-	0	-	0	-	2	2.2	8	8.6
GEORGIA	15.4	0	-	0	-	0	-	0	-	0	-	1	6.5
JORDAN	50.9	0	-	0	-	0	-	0	-	1	2.0	1	2.0
KAZAKHSTAN	126.0	0	-	0	-	0	-	0	-	0	-	3	2.4
KYRGYZ REPUBLIC	110.0	0	-	0	-	0	-	1	0.9	0	-	1	0.9
MACEDONIA	78.0	1	1.3	0	-	0	-	0	-	0	-	4	5.1
MOLDOVA	119.6	14	11.7	0	-	0	-	0	-	0	-	4	3.3
MONGOLIA	115.6	2	1.7	0	-	0	-	0	-	0	-	1	0.9
MOROCCO	229.4	0	-	1	0.4	0	-	0	-	0	-	3	1.3
PHILIPPINES	122.4	1	0.8	1	0.8	0	-	0	-	0	-	0	-
ROMANIA	127.6	0	-	2	1.6	0	-	0	-	0	-	6	4.7
THAILAND	99.2	1	1.0	7	7.1	0	-	1	1.0	0	-	8	8.1
TURKMENISTAN	71.3	0	-	0	-	3	4.2	1	1.4	0	-	1	1.4
UKRAINE	274.2	0	-	0	-	0	-	0	-	1	0.4	13	4.7
EMA TOTAL	2095.1	20	1.0	15	0.7	3	0.1	3	0.1	5	0.2	74	3.5
BELIZE	65.2	4	6.1	0	-	0	-	0	-	0	-	1	1.5
COSTA RICA	114.8	0	-	0	-	0	-	0	-	0	-	7	6.1
DOMINICAN REPUBLIC	181.8	6	3.3	0	-	3	1.7	0	-	0	-	2	-
EASTERN CARIBBEAN	96.1	0	-	0	-	1	1.0	2	2.1	0	-	4	4.2
ECUADOR	161.6	1	0.6	0	-	0	-	1	0.6	1	0.6	7	4.3
EL SALVADOR	139.3	0	-	0	-	0	-	1	0.7	0	-	12	8.6
FIJI	62.0	0	-	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	0	-	0	-	0	-	1	0.5	4	2.0	15	7.6
GUYANA	67.6	0	-	0	-	0	-	0	-	0	-	0	-
HONDURAS	184.0	10	5.4	0	-	0	-	0	-	1	0.5	8	4.3
JAMAICA	86.1	0	-	0	-	0	-	1	1.2	1	1.2	6	7.0
MEXICO	50.5	1	2.0	2	4.0	0	-	0	-	0	-	1	2.0
MICRONESIA	54.0	0	-	3	5.6	0	-	0	-	0	-	1	1.9
NICARAGUA	181.3	10	5.5	1	0.6	0	-	2	1.1	1	0.6	7	3.9
PANAMA	168.9	15	8.9	0	-	0	-	0	-	0	-	4	2.4
PARAGUAY	193.4	11	5.7	3	1.6	0	-	2	1.0	0	-	1	0.5
PERU	167.7	0	-	0	-	0	-	0	-	0	-	8	4.8
SAMOA	42.9	0	-	3	7.0	0	-	0	-	2	4.7	5	11.7
SURINAME	41.7	0	-	0	-	0	-	0	-	0	-	1	-
TONGA	48.7	0	-	2	4.1	0	-	0	-	3	6.2	0	-
VANUATU	75.9	0	-	0	-	0	-	1	1.3	7	9.2	9	11.9
IAP TOTAL	2381.4	58	2.4	14	0.6	4	0.2	11	0.5	20	0.8	99	4.2
BENIN	102.7	1	1.0	3	2.9	7	6.8	1	1.0	0	-	0	-
BOTSWANA	113.3	5	4.4	0	-	0	-	1	0.9	3	2.6	1	0.9
BURKINA FASO	116.0	3	2.6	5	4.3	0	-	0	-	0	-	1	0.9
CAMEROON	138.0	1	0.7	3	2.2	2	1.4	1	0.7	0	-	0	-
CAPE VERDE	57.9	0	-	0	-	0	-	0	-	1	1.7	0	-
ETHIOPIA	68.3	1	1.5	2	2.9	0	-	0	-	0	-	2	2.9
GHANA	155.4	1	0.6	0	-	1	0.6	1	0.6	0	-	1	0.6
GUINEA	74.4	0	-	2	2.7	0	-	0	-	0	-	8	10.8
KENYA	66.6	1	1.5	0	-	0	-	1	-	0	-	6	9.0
LESOTHO	85.2	0	-	0	-	0	-	0	-	1	1.2	0	0.0
LIBERIA	16.7	0	-	0	-	0	-	0	-	0	-	0	-
MADAGASCAR	31.5	1	3.2	0	-	0	-	0	-	0	-	0	-
MALAWI	135.7	0	-	5	3.7	0	-	1	0.7	0	-	1	0.7
MALI	146.3	3	2.1	4	2.7	0	-	0	-	0	-	5	3.4
MAURITANIA	77.8	0	-	0	-	0	-	0	-	0	-	1	1.3
MOZAMBIQUE	127.8	0	-	0	-	0	-	1	0.8	1	0.8	1	0.8
NAMIBIA	110.6	2	1.8	0	-	0	-	1	0.9	0	-	0	-
NIGER	129.2	1	-	1	0.8	2	1.5	6	4.6	0	-	3	-
RWANDA	36.8	0	-	0	-	0	-	0	-	3	8.2	4	10.9
SENEGAL	159.2	1	0.6	0	-	0	-	0	-	1	0.6	3	1.9
SOUTH AFRICA	131.5	1	0.8	1	0.8	0	-	0	-	0	-	0	-
SWAZILAND	56.7	0	-	0	-	0	-	0	-	0	-	2	-
TANZANIA	142.7	1	0.7	2	1.4	0	-	3	2.1	0	-	0	-
THE GAMBIA	93.4	0	-	0	-	0	-	1	1.1	0	-	1	1.1
TOGO	102.1	2	2.0	2	2.0	3	2.9	1	-	0	-	0	-
UGANDA	140.6	3	2.1	7	5.0	0	-	0	-	0	-	5	3.6
ZAMBIA	154.8	1	0.6	1	0.6	0	-	3	1.9	0	-	0	-
AFRICA TOTAL	2771.2	29	1.0	38	1.4	15	0.5	22	0.8	10	0.4	45	1.6
PEACE CORPS TOTAL	7247.7	107	1.5	67	0.9	22	0.3	36	0.5	35	0.5	218	3.0

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Country	VT Years	Unintentional Injury, cont.						Mental Health Issues					
		Other Injury		Alcohol-Related		Total Unintentional Injury		Accommodated Condition		Adjustment issue		Other Mental Health Issue	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	79.0	10	12.7	0	-	12	15.2	1	-	2	2.5	1	1.3
ARMENIA	84.3	5	5.9	0	-	12	14.2	2	2.4	2	2.4	1	1.2
AZERBAIJAN	101.9	17	16.7	0	-	20	19.6	0	-	3	2.9	0	-
BULGARIA	142.6	22	15.4	0	-	31	21.7	2	1.4	9	6.3	10	7.0
CAMBODIA	54.9	0	-	0	-	5	9.1	0	-	9	16.4	6	10.9
CHINA	92.8	4	4.3	0	-	14	15.1	0	-	2	2.2	6	6.5
GEORGIA	15.4	5	32.5	1	6.5	6	39.0	0	-	0	-	1	6.5
JORDAN	50.9	4	-	0	-	6	11.8	1	-	0	-	9	17.7
KAZAKHSTAN	126.0	15	11.9	4	3.2	18	14.3	6	4.8	11	8.7	1	0.8
KYRGYZ REPUBLIC	110.0	3	2.7	0	-	5	4.5	3	2.7	8	7.3	36	32.7
MACEDONIA	78.0	3	3.8	0	-	8	10.3	1	1.3	7	9.0	3	3.8
MOLDOVA	119.6	9	7.5	0	-	27	22.6	6	5.0	8	6.7	10	8.4
MONGOLIA	115.6	10	8.7	2	1.7	13	11.2	1	0.9	3	-	8	6.9
MOROCCO	229.4	25	10.9	0	-	29	12.6	1	0.4	13	5.7	24	10.5
PHILIPPINES	122.4	11	9.0	1	0.8	13	10.6	5	4.1	13	10.6	1	0.8
ROMANIA	127.6	14	11.0	0	-	22	17.2	4	3.1	10	7.8	6	4.7
THAILAND	99.2	12	12.1	0	-	29	29.2	17	17.1	8	8.1	5	5.0
TURKMENISTAN	71.3	10	14.0	0	-	15	21.0	0	-	6	8.4	1	1.4
UKRAINE	274.2	37	13.5	0	-	51	18.6	5	1.8	18	6.6	27	9.8
EMA TOTAL	2095.1	216	10.3	8	0.4	336	16.0	55	2.6	132	6.3	156	7.4
BELIZE	65.2	5	7.7	0	-	10	15.3	1	1.5	5	7.7	2	3.1
COSTA RICA	114.8	8	7.0	0	-	15	13.1	3	-	3	2.6	2	1.7
DOMINICAN REPUBLIC	181.8	1	0.6	0	-	12	6.6	5	2.8	4	2.2	13	7.2
EASTERN CARIBBEAN	96.1	4	4.2	0	-	11	11.4	0	-	0	-	2	2.1
ECUADOR	161.6	13	8.0	0	-	23	14.2	5	3.1	0	-	15	9.3
EL SALVADOR	139.3	33	23.7	0	-	46	33.0	0	-	4	2.9	45	32.3
FIJI	62.0	0	-	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	52	26.3	0	-	72	36.4	1	0.5	0	-	64	32.3
GUYANA	67.6	5	7.4	0	-	5	7.4	3	-	0	-	4	5.9
HONDURAS	184.0	28	15.2	1	0.5	47	25.5	3	1.6	14	7.6	0	-
JAMAICA	86.1	15	17.4	0	-	23	26.7	5	5.8	3	3.5	12	13.9
MEXICO	50.5	5	9.9	0	-	9	17.8	0	-	0	-	2	4.0
MICRONESIA	54.0	0	-	0	-	4	7.4	0	-	0	-	2	3.7
NICARAGUA	181.3	1	0.6	1	0.6	22	12.1	5	2.8	12	6.6	9	5.0
PANAMA	168.9	5	3.0	2	1.2	24	14.2	0	-	0	-	3	1.8
PARAGUAY	193.4	21	10.9	0	-	38	19.6	1	-	10	5.2	5	2.6
PERU	167.7	1	0.6	0	-	9	5.4	4	2.4	4	2.4	0	-
SAMOA	42.9	6	14.0	0	-	16	37.3	0	-	7	16.3	1	2.3
SURINAME	41.7	0	-	1	2.4	1	2.4	0	-	0	-	14	33.6
TONGA	48.7	5	10.3	0	-	10	20.5	0	-	0	-	0	-
VANUATU	75.9	26	34.3	0	-	43	56.7	1	1.3	2	2.6	21	27.7
IAP TOTAL	2381.4	234	9.8	5	0.2	440	18.5	37	1.6	68	2.9	216	9.1
BENIN	102.7	8	7.8	0	-	20	19.5	2	1.9	0	-	11	10.7
BOTSWANA	113.3	18	15.9	1	0.9	28	24.7	2	1.8	13	11.5	15	13.2
BURKINA FASO	116.0	3	2.6	0	-	12	10.3	2	1.7	5	4.3	3	2.6
CAMEROON	138.0	4	2.9	0	-	11	8.0	0	-	3	-	2	1.4
CAPE VERDE	57.9	9	15.5	0	-	10	17.3	0	-	2	3.5	0	-
ETHIOPIA	68.3	4	5.9	0	-	9	13.2	0	-	12	17.6	3	4.4
GHANA	155.4	3	1.9	0	-	7	4.5	0	-	4	2.6	2	1.3
GUINEA	74.4	3	4.0	1	1.3	13	17.5	0	-	1	1.3	9	12.1
KENYA	66.6	19	28.5	0	-	27	40.5	1	1.5	14	21.0	6	9.0
LESOTHO	85.2	12	14.1	1	1.2	13	15.3	4	4.7	8	9.4	17	20.0
LIBERIA	16.7	3	18.0	0	-	3	18.0	0	-	2	-	8	47.9
MADAGASCAR	31.5	0	-	0	-	1	3.2	0	-	0	-	1	3.2
MALAWI	135.7	2	1.5	1	0.7	9	6.6	1	0.7	4	2.9	11	8.1
MALI	146.3	2	1.4	0	-	14	9.6	0	-	5	3.4	2	1.4
MAURITANIA	77.8	7	9.0	0	-	8	10.3	0	-	0	-	3	3.9
MOZAMBIQUE	127.8	19	14.9	0	-	22	17.2	3	2.3	3	2.3	6	4.7
NAMIBIA	110.6	16	14.5	0	-	19	17.2	0	-	0	-	1	0.9
NIGER	129.2	6	4.6	1	0.8	19	14.7	0	-	2	1.5	20	15.5
RWANDA	36.8	13	35.3	0	-	20	54.3	2	5.4	40	108.7	6	16.3
SENEGAL	159.2	21	13.2	0	-	26	16.3	0	-	16	10.1	4	2.5
SOUTH AFRICA	131.5	9	6.8	0	-	11	8.4	30	22.8	19	14.4	8	6.1
SWAZILAND	56.7	6	10.6	0	-	8	14.1	0	-	4	-	12	21.2
TANZANIA	142.7	14	9.8	2	1.4	20	14.0	2	1.4	0	-	17	11.9
THE GAMBIA	93.4	9	9.6	0	-	11	11.8	0	-	0	-	50	53.5
TOGO	102.1	0	-	0	-	8	7.8	1	1.0	21	20.6	6	5.9
UGANDA	140.6	2	1.4	1	0.7	17	12.1	4	2.8	7	5.0	5	3.6
ZAMBIA	154.8	1	-	0	-	6	3.9	0	-	3	1.9	8	5.2
AFRICA TOTAL	2771.2	213	7.7	8	0.3	372	13.4	54	1.9	188	6.8	236	8.5
PEACE CORPS TOTAL	7247.7	663	9.1	21	0.3	1148	15.8	146	2.0	388	5.4	608	8.4

Country	VT Years	Mental Health Issues		New Accommodated Condition		Malaria (by type)									
		Total Mental Health Issues				Falciparum		Non-Falciparum		Presumptive		Total Malaria			
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
ALBANIA	79.0	4	5.1	0	-	0	-	0	-	0	-	0	-	0	-
ARMENIA	84.3	5	5.9	0	-	0	-	0	-	0	-	0	-	0	-
AZERBAIJAN	101.9	3	2.9	0	-	0	-	0	-	0	-	0	-	0	-
BULGARIA	142.6	21	14.7	0	-	0	-	0	-	0	-	0	-	0	-
CAMBODIA	54.9	15	27.3	0	-	0	-	0	-	0	-	0	-	0	-
CHINA	92.8	8	8.6	0	-	0	-	0	-	0	-	0	-	0	-
GEORGIA	15.4	1	6.5	0	-	0	-	0	-	0	-	0	-	0	-
JORDAN	50.9	10	19.6	0	-	0	-	0	-	0	-	0	-	0	-
KAZAKHSTAN	126.0	18	14.3	0	-	0	-	0	-	0	-	0	-	0	-
KYRGYZ REPUBLIC	110.0	47	42.7	0	-	0	-	0	-	0	-	0	-	0	-
MACEDONIA	78.0	11	14.1	0	-	0	-	0	-	0	-	0	-	0	-
MOLDOVA	119.6	24	20.1	0	-	0	-	0	-	0	-	0	-	0	-
MONGOLIA	115.6	12	10.4	0	-	0	-	0	-	0	-	0	-	0	-
MOROCCO	229.4	38	16.6	0	-	0	-	0	-	0	-	0	-	0	-
PHILIPPINES	122.4	19	15.5	0	-	0	-	0	-	0	-	0	-	0	-
ROMANIA	127.6	20	15.7	1	0.8	0	-	0	-	0	-	0	-	0	-
THAILAND	99.2	30	30.2	0	-	0	-	0	-	0	-	0	-	0	-
TURKMENISTAN	71.3	7	9.8	0	-	0	-	0	-	0	-	0	-	0	-
UKRAINE	274.2	50	18.2	2	0.7	0	-	0	-	0	-	0	-	0	-
EMA TOTAL	2095.1	343	16.4	3	0.1	0	-	0	-	0	-	0	-	0	-
BELIZE	65.2	8	12.3	0	-	0	-	0	-	0	-	0	-	0	-
COSTA RICA	114.8	8	7.0	0	-	0	-	0	-	0	-	0	-	0	-
DOMINICAN REPUBLIC	181.8	22	12.1	0	-	0	-	0	-	0	-	0	-	0	-
EASTERN CARIBBEAN	96.1	2	2.1	0	-	0	-	0	-	0	-	0	-	0	-
ECUADOR	161.6	20	12.4	0	-	0	-	0	-	0	-	0	-	0	-
EL SALVADOR	139.3	49	35.2	0	-	0	-	0	-	0	-	0	-	0	-
FIJI	62.0	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	65	32.8	0	-	0	-	0	-	0	-	0	-	0	-
GUYANA	67.6	7	10.4	0	-	0	-	0	-	0	-	0	-	0	-
HONDURAS	184.0	17	9.2	0	-	0	-	0	-	0	-	0	-	0	-
JAMAICA	86.1	20	23.2	0	-	0	-	0	-	0	-	0	-	0	-
MEXICO	50.5	2	4.0	0	-	0	-	0	-	0	-	0	-	0	-
MICRONESIA	54.0	2	3.7	0	-	0	-	0	-	0	-	0	-	0	-
NICARAGUA	181.3	26	14.3	1	0.6	0	-	0	-	1	0.6	1	0.6	0	-
PANAMA	168.9	3	1.8	0	-	0	-	0	-	0	-	0	-	0	-
PARAGUAY	193.4	16	8.3	1	0.5	0	-	0	-	0	-	0	-	0	-
PERU	167.7	8	4.8	0	-	0	-	0	-	0	-	0	-	0	-
SAMOA	42.9	8	18.6	0	-	0	-	0	-	0	-	0	-	0	-
SURINAME	41.7	14	33.6	0	-	0	-	1	2.4	0	-	1	2.4	0	-
TONGA	48.7	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VANUATU	75.9	24	31.6	1	1.3	0	-	1	1.3	1	1.3	2	2.6	0	-
IAP TOTAL	2381.4	321	13.5	3	0.1	0	-	2	0.1	2	0.1	4	0.2	0	-
BENIN	102.7	13	12.7	0	-	2	1.9	0	-	4	3.9	6	5.8	0	-
BOTSWANA	113.3	30	26.5	0	-	0	-	0	-	1	0.9	1	0.9	0	-
BURKINA FASO	116.0	10	8.6	0	-	4	3.4	0	-	1	0.9	5	4.3	0	-
CAMEROON	138.0	5	3.6	0	-	9	6.5	1	0.7	10	7.2	20	14.5	0	-
CAPE VERDE	57.9	2	3.5	0	-	0	-	0	-	0	-	0	-	0	-
ETHIOPIA	68.3	15	22.0	0	-	0	-	0	-	2	-	2	2.9	0	-
GHANA	155.4	6	3.9	0	-	2	1.3	1	0.6	9	5.8	12	7.7	0	-
GUINEA	74.4	10	13.4	0	-	0	-	0	-	5	6.7	5	6.7	0	-
KENYA	66.6	21	31.5	0	-	0	-	0	-	2	3.0	2	3.0	0	-
LESOTHO	85.2	29	34.0	1	1.2	0	-	0	-	0	-	0	-	0	-
LIBERIA	16.7	10	59.9	0	-	2	12.0	0	-	1	6.0	3	18.0	0	-
MADAGASCAR	31.5	1	3.2	0	-	1	3.2	0	-	0	-	1	3.2	0	-
MALAWI	135.7	16	11.8	0	-	4	2.9	0	-	0	-	4	2.9	0	-
MALI	146.3	7	4.8	0	-	1	0.7	0	-	12	8.2	13	8.9	0	-
MAURITANIA	77.8	3	3.9	0	-	0	-	0	-	3	3.9	3	3.9	0	-
MOZAMBIQUE	127.8	12	9.4	0	-	6	4.7	0	-	6	4.7	12	9.4	0	-
NAMIBIA	110.6	1	0.9	0	-	0	-	0	-	0	-	0	-	0	-
NIGER	129.2	22	17.0	0	-	0	-	0	-	1	0.8	1	0.8	0	-
RWANDA	36.8	48	130.4	2	5.4	0	-	0	-	2	5.4	2	5.4	0	-
SENEGAL	159.2	20	12.6	0	-	1	0.6	0	-	1	0.6	2	1.3	0	-
SOUTH AFRICA	131.5	57	43.3	0	-	1	0.8	0	-	0	-	1	0.8	0	-
SWAZILAND	56.7	16	28.2	0	-	0	-	0	-	0	-	0	-	0	-
TANZANIA	142.7	19	13.3	15	10.5	4	2.8	0	-	0	-	4	2.8	0	-
THE GAMBIA	93.4	50	53.5	0	-	0	-	0	-	0	-	0	-	0	-
TOGO	102.1	28	27.4	0	-	7	6.9	0	-	2	2.0	9	8.8	0	-
UGANDA	140.6	16	11.4	0	-	4	2.8	0	-	4	2.8	8	5.7	0	-
ZAMBIA	154.8	11	7.1	0	-	6	3.9	0	-	23	14.9	29	18.7	0	-
AFRICA TOTAL	2771.2	478	17.2	18	0.6	54	2.0	2	0.1	89	3.3	145	5.4	0	-
PEACE CORPS TOTAL	7247.7	1142	15.8	24	0.3	54	1.0	4	0.1	91	1.8	149	2.9	0	-

Country	Malaria VT Years	Malaria (by prophylaxis)									
		on Mefloquine		on Chloroquine		on Doxycycline		on Malarone		Total Malaria	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	-	0	-	0	-	0	-	0	-	0	-
ARMENIA	-	0	-	0	-	0	-	0	-	0	-
AZERBAIJAN	101.9	0	-	0	-	0	-	0	-	0	-
BULGARIA	-	0	-	0	-	0	-	0	-	0	-
CAMBODIA	54.9	0	-	0	-	0	-	0	-	0	-
CHINA	92.8	0	-	0	-	0	-	0	-	0	-
GEORGIA	15.4	0	-	0	-	0	-	0	-	0	-
JORDAN	-	0	-	0	-	0	-	0	-	0	-
KAZAKHSTAN	-	0	-	0	-	0	-	0	-	0	-
KYRGYZ REPUBLIC	-	0	-	0	-	0	-	0	-	0	-
MACEDONIA	-	0	-	0	-	0	-	0	-	0	-
MOLDOVA	-	0	-	0	-	0	-	0	-	0	-
MONGOLIA	-	0	-	0	-	0	-	0	-	0	-
MOROCCO	-	0	-	0	-	0	-	0	-	0	-
PHILIPPINES	122.4	0	-	0	-	0	-	0	-	0	-
ROMANIA	-	0	-	0	-	0	-	0	-	0	-
THAILAND	-	0	-	0	-	0	-	0	-	0	-
TURKMENISTAN	-	0	-	0	-	0	-	0	-	0	-
UKRAINE	-	0	-	0	-	0	-	0	-	0	-
EMA TOTAL	387.4	0	-	0	-	0	-	0	-	0	-
BELIZE	65.2	0	-	0	-	0	-	0	-	0	-
COSTA RICA	114.8	0	-	0	-	0	-	0	-	0	-
DOMINICAN REPUBLIC	181.8	0	-	0	-	0	-	0	-	0	-
EASTERN CARIBBEAN	-	0	-	0	-	0	-	0	-	0	-
ECUADOR	161.6	0	-	0	-	0	-	0	-	0	-
EL SALVADOR	139.3	0	-	0	-	0	-	0	-	0	-
FIJI	-	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	0	-	0	-	0	-	0	-	0	-
GUYANA	67.6	0	-	0	-	0	-	0	-	0	-
HONDURAS	184.0	0	-	0	-	0	-	0	-	0	-
JAMAICA	86.1	0	-	0	-	0	-	0	-	0	-
MEXICO	50.5	0	-	0	-	0	-	0	-	0	-
MICRONESIA	-	0	-	0	-	0	-	0	-	0	-
NICARAGUA	181.3	0	-	1	0.6	0	-	0	-	1	0.6
PANAMA	168.9	0	-	0	-	0	-	0	-	0	-
PARAGUAY	193.4	0	-	0	-	0	-	0	-	0	-
PERU	167.7	0	-	0	-	0	-	0	-	0	-
SAMOA	-	0	-	0	-	0	-	0	-	0	-
SURINAME	41.7	1	2.4	0	-	0	-	0	-	1	2.4
TONGA	-	0	-	0	-	0	-	0	-	0	-
VANUATU	75.9	1	1.3	0	-	1	1.3	0	-	2	2.6
IAP TOTAL	2077.7	2	0.1	1	-	1	-	0	-	4	0.2
BENIN	102.7	6	5.8	0	-	0	-	0	-	6	5.8
BOTSWANA	113.3	1	0.9	0	-	0	-	0	-	1	0.9
BURKINA FASO	116.0	4	3.4	0	-	1	0.9	0	-	5	4.3
CAMEROON	138.0	15	10.9	0	-	5	3.6	0	-	20	14.5
CAPE VERDE	57.9	0	-	0	-	0	-	0	-	0	-
ETHIOPIA	68.3	2	2.9	0	-	0	-	0	-	2	2.9
GHANA	155.4	9	5.8	0	-	3	1.9	0	-	12	7.7
GUINEA	74.4	5	6.7	0	-	0	-	0	-	5	6.7
KENYA	66.6	0	-	0	-	2	3.0	0	-	2	3.0
LESOTHO	-	0	-	0	-	0	-	0	-	0	-
LIBERIA	16.7	1	6.0	0	-	2	12.0	0	-	3	18.0
MADAGASCAR	31.5	1	3.2	0	-	0	-	0	-	1	3.2
MALAWI	135.7	3	2.2	0	-	1	0.7	0	-	4	2.9
MALI	146.3	8	5.5	0	-	5	3.4	0	-	13	8.9
MAURITANIA	77.8	3	3.9	0	-	0	-	0	-	3	3.9
MOZAMBIQUE	127.8	4	3.1	0	-	8	6.3	0	-	12	9.4
NAMIBIA	110.6	0	-	0	-	0	-	0	-	0	0.0
NIGER	129.2	1	0.8	0	-	0	-	0	-	1	0.8
RWANDA	36.8	0	0.0	0	-	2	5.4	0	-	2	5.4
SENEGAL	159.2	1	0.6	0	-	1	0.6	0	-	2	1.3
SOUTH AFRICA	131.5	0	-	0	-	1	0.8	0	-	1	0.8
SWAZILAND	56.7	0	-	0	-	0	-	0	-	0	-
TANZANIA	142.7	2	1.4	0	-	2	1.4	0	-	4	2.8
THE GAMBIA	93.4	0	-	0	-	0	-	0	-	0	-
TOGO	102.1	5	4.9	0	-	4	3.9	0	-	9	8.8
UGANDA	140.6	3	2.1	0	-	5	3.6	0	-	8	5.7
ZAMBIA	154.8	15	9.7	0	-	12	7.8	2	1.3	29	18.7
AFRICA TOTAL	2686.0	89	3.3	0	-	54	2.0	2	0.1	145	5.4
PEACE CORPS TOTAL	5151.1	91	1.8	1	-	55	1.1	2	-	149	2.9

Country	Malaria VT Years	Average Monthly Antimalaria Chemoprophylaxis											
		Mefloquine		Chloroquine		Doxycycline		Malarone		Other (Minocycline)		Any Prophylaxis	
		Ave No.	%	Ave No.	%	Ave No.	%	Ave No.	%	Ave No.	%	Ave No.	Rate
ALBANIA	-	0	-	0	-	0	-	0	-	0	-	0	-
ARMENIA	-	0	-	0	-	0	-	0	-	0	-	0	-
AZERBAIJAN	101.9	0	-	4	95.5	0	4.5	0	-	0	-	4	3.6
BULGARIA	-	0	-	0	-	0	-	0	-	0	-	0	-
CAMBODIA	54.9	1	2.3	0	-	49	97.7	0	-	0	-	50	91.4
CHINA	92.8	0	-	0	-	0	-	0	-	0	-	0	0.0
GEORGIA	15.4	0	-	2	100.0	0	-	0	-	0	-	2	11.1
JORDAN	-	0	-	0	-	0	-	0	-	0	-	0	-
KAZAKHSTAN	-	0	-	0	-	0	-	0	-	0	-	0	-
KYRGYZ REPUBLIC	-	0	-	0	-	0	-	0	-	0	-	0	-
MACEDONIA	-	0	-	0	-	0	-	0	-	0	-	0	-
MOLDOVA	-	0	-	0	-	0	-	0	-	0	-	0	-
MONGOLIA	-	0	-	0	-	0	-	0	-	0	-	0	-
MOROCCO	-	0	-	0	-	0	-	0	-	0	-	0	-
PHILIPPINES	122.4	2	1.5	112	90.0	9	7.3	2	1.2	0	-	125	101.8
ROMANIA	-	0	-	0	-	0	-	0	-	0	-	0	-
THAILAND	-	0	-	0	-	0	-	0	-	0	-	0	-
TURKMENISTAN	-	0	-	0	-	0	-	0	-	0	-	0	-
UKRAINE	-	0	-	0	-	0	-	0	-	0	-	0	-
EMA TOTAL	387.4	3	1.7	117	65.2	58	32.3	2	0.8	0	-	180	46.5
BELIZE	65.2	0	-	47	97.2	1	2.8	0	-	0	-	48	74.3
COSTA RICA	114.8	0	-	111	96.9	4	3.1	0	-	0	-	115	100.0
DOMINICAN REPUBLIC	181.8	0	-	175	96.9	6	3.1	0	-	0	-	180	99.2
EASTERN CARIBBEAN	-	0	-	0	-	0	-	0	-	0	-	0	-
ECUADOR	161.6	59	74.2	0	-	20	25.4	0	0.4	0	-	79	48.9
EL SALVADOR	139.3	0	-	137	99.3	1	0.7	0	-	0	-	138	99.4
FIJI	-	0	-	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	0	-	183	95.3	9	4.7	0	-	0	-	192	96.9
GUYANA	67.6	39	56.8	0	-	16	23.1	14	20.1	0	-	69	101.9
HONDURAS	184.0	0	-	180	97.3	5	2.7	0	-	0	-	185	100.5
JAMAICA	86.1	0	-	0	-	0	-	0	-	0	-	0	-
MEXICO	50.5	0	-	0	-	0	-	0	-	0	-	0	-
MICRONESIA	-	0	-	0	-	0	-	0	-	0	-	0	-
NICARAGUA	181.3	0	-	171	93.7	12	6.3	0	-	0	-	183	100.8
PANAMA	168.9	13	7.6	139	83.2	16	9.2	0	-	0	-	168	99.2
PARAGUAY	193.4	0	-	0	-	0	-	0	-	0	-	0	-
PERU	167.7	0	-	6	100.0	0	-	0	-	0	-	6	3.6
SAMOA	-	0	-	0	-	0	-	0	-	0	-	0	-
SURINAME	41.7	24	75.7	0	-	3	9.3	5	15.0	0	-	32	77.3
TONGA	-	0	-	0	-	0	-	0	-	0	-	0	-
VANUATU	75.9	56	72.2	0	-	21	26.7	0	-	1	0.9	78	103.0
IAP TOTAL	2077.7	191	13.0	1149	78.0	113	7.6	19	1.3	1	-	1473	70.9
BENIN	102.7	69	67.2	0	-	33	32.3	1	0.5	0	-	103	99.8
BOTSWANA	113.3	83	73.9	0	-	29	25.3	1	0.9	0	-	113	99.6
BURKINA FASO	116.0	99	83.4	0	-	19	15.8	1	0.8	0	-	118	101.9
CAMEROON	138.0	105	77.2	0	-	29	21.0	3	1.8	0	-	136	98.4
CAPE VERDE	57.9	22	83.8	0	-	4	16.3	0	-	0	-	27	46.1
ETHIOPIA	68.3	48	69.9	0	-	18	27.1	1	2.0	1	1.1	68	99.6
GHANA	155.4	124	81.3	0	-	27	18.0	1	0.8	0	-	153	98.2
GUINEA	74.4	69	83.6	0	-	14	16.4	0	-	0	-	83	111.6
KENYA	66.6	42	62.5	0	-	19	27.6	7	10.0	0	-	68	101.7
LESOTHO	-	0	-	0	-	0	-	0	-	0	-	0	-
LIBERIA	16.7	15	81.7	0	-	3	17.4	0	-	0	-	18	106.3
MADAGASCAR	31.5	61	70.9	0	-	19	22.4	6	6.8	0	-	86	272.4
MALAWI	135.7	83	61.8	0	-	43	32.1	8	6.1	0	-	135	99.2
MALI	146.3	109	75.3	0	-	32	22.1	4	2.6	0	-	145	99.3
MAURITANIA	77.8	100	85.6	0	-	17	14.4	0	-	0	-	117	150.2
MOZAMBIQUE	127.8	95	72.9	0	-	30	23.1	5	4.0	0	-	130	101.9
NAMIBIA	110.6	74	67.8	0	-	30	27.2	5	5.0	0	-	109	98.8
NIGER	129.2	91	73.0	0	-	28	22.2	6	4.8	0	-	125	96.4
RWANDA	36.8	34	85.6	0	-	6	14.4	0	-	0	-	39	106.9
SENEGAL	159.2	124	77.2	0	-	33	20.5	4	2.3	0	-	161	101.0
SOUTH AFRICA	131.5	6	50.7	0	-	6	49.3	0	-	0	-	12	9.3
SWAZILAND	56.7	47	83.0	0	-	8	13.5	2	-	0	-	57	100.4
TANZANIA	142.7	105	70.5	0	-	42	28.3	2	1.3	0	-	149	104.6
THE GAMBIA	93.4	70	78.2	0	-	14	15.4	6	6.4	0	-	89	95.4
TOGO	102.1	68	67.7	0	-	29	29.3	3	3.0	0	-	100	98.1
UGANDA	140.6	62	44.4	0	-	67	48.5	10	7.1	0	-	139	98.8
ZAMBIA	154.8	112	71.8	0	-	38	24.1	6	3.7	1	-	156	101.0
AFRICA TOTAL	2686.0	1917	72.7	0	-	636	24.1	81	3.1	1	-	2635	98.1
PEACE CORPS TOTAL	5151.1	2111	49.2	1267	29.5	807	18.8	102	2.4	2	-	4288	83.2

The Health of the Volunteer 2009

Country	VT Years	Medevac									
		Home of Record		DC		US Total		Regional Total		Total Medevacs	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALBANIA	79.0	1	1.3	1	1.3	2	2.5	2	2.5	4	5.1
ARMENIA	84.3	1	1.2	1	1.2	2	2.4	0	-	2	2.4
AZERBAIJAN	101.9	0	-	1	1.0	1	1.0	1	1.0	2	2.0
BULGARIA	142.6	0	-	0	-	0	-	0	0.0	0	-
CAMBODIA	54.9	1	1.8	0	-	1	1.8	3	5.5	4	7.3
CHINA	92.8	1	1.1	2	2.2	3	3.2	1	1.1	4	4.3
GEORGIA	15.4	0	-	1	6.5	1	6.5	0	-	1	6.5
JORDAN	50.9	0	-	0	-	0	-	0	-	0	-
KAZAKHSTAN	126.0	0	-	2	1.6	2	1.6	1	0.8	3	2.4
KYRGYZ REPUBLIC	110.0	0	-	3	2.7	3	2.7	3	2.7	6	5.5
MACEDONIA	78.0	0	-	4	5.1	4	5.1	0	-	4	5.1
MOLDOVA	119.6	0	-	2	1.7	2	1.7	1	0.8	3	2.5
MONGOLIA	115.6	0	-	0	-	0	-	6	5.2	6	5.2
MOROCCO	229.4	1	0.4	4	1.7	5	2.2	0	-	5	2.2
PHILIPPINES	122.4	0	-	1	0.8	1	0.8	0	-	1	0.8
ROMANIA	127.6	1	0.8	0	-	1	0.8	1	0.8	2	1.6
THAILAND	99.2	0	-	0	-	0	-	0	-	0	-
TURKMENISTAN	71.3	0	-	1	1.4	1	1.4	5	7.0	6	8.4
UKRAINE	274.2	0	-	3	1.1	3	1.1	4	1.5	7	2.6
EMA TOTAL	2095.1	6	0.3	26	1.2	32	1.5	28	1.3	60	2.9
BELIZE	65.2	0	-	0	-	0	-	1	1.5	1	1.5
COSTA RICA	114.8	0	-	1	0.9	1	0.9	0	-	1	0.9
DOMINICAN REPUBLIC	181.8	2	1.1	4	2.2	6	3.3	1	0.6	7	3.9
EASTERN CARIBBEAN	96.1	1	1.0	2	2.1	3	3.1	3	3.1	6	6.2
ECUADOR	161.6	2	1.2	4	2.5	6	3.7	1	0.6	7	4.3
EL SALVADOR	139.3	1	0.7	3	2.2	4	2.9	1	0.7	5	3.6
FIJI	62.0	0	-	4	6.5	4	6.5	0	-	4	6.5
GUATEMALA	197.9	5	2.5	0	-	5	2.5	0	-	5	2.5
GUYANA	67.6	2	3.0	0	-	2	3.0	4	5.9	6	8.9
HONDURAS	184.0	2	1.1	10	5.4	12	6.5	4	2.2	16	8.7
JAMAICA	86.1	0	-	0	-	0	-	1	1.2	1	1.2
MEXICO	50.5	0	-	0	-	0	-	0	-	0	-
MICRONESIA	54.0	0	-	0	-	0	-	3	5.6	3	5.6
NICARAGUA	181.3	2	1.1	3	1.7	5	2.8	1	0.6	6	3.3
PANAMA	168.9	1	0.6	1	0.6	2	1.2	0	-	2	1.2
PARAGUAY	193.4	1	0.5	2	1.0	3	1.6	0	-	3	1.6
PERU	167.7	3	1.8	3	1.8	6	3.6	1	0.6	7	4.2
SAMOA	42.9	2	4.7	0	-	2	4.7	1	2.3	3	7.0
SURINAME	41.7	1	2.4	0	-	1	2.4	0	-	1	2.4
TONGA	48.7	0	-	0	-	0	-	8	16.4	8	16.4
VANUATU	75.9	0	-	1	-	1	1.3	3	4.0	4	5.3
IAP TOTAL	2381.4	25	1.0	38	1.6	63	2.6	33	1.4	96	4.0
BENIN	102.7	0	-	1	1.0	1	1.0	5	4.9	6	5.8
BOTSWANA	113.3	1	0.9	0	-	1	0.9	3	2.6	4	3.5
BURKINA FASO	116.0	2	1.7	3	2.6	5	4.3	2	1.7	7	6.0
CAMEROON	138.0	1	0.7	0	-	1	0.7	6	4.3	7	5.1
CAPE VERDE	57.9	0	-	2	3.5	2	3.5	1	1.7	3	5.2
ETHIOPIA	68.3	0	-	0	-	0	-	4	5.9	4	5.9
GHANA	155.4	0	-	1	0.6	1	0.6	1	0.6	2	1.3
GUINEA	74.4	0	-	1	1.3	1	1.3	6	8.1	7	9.4
KENYA	66.6	2	3.0	0	-	2	3.0	2	3.0	4	6.0
LESOTHO	85.2	0	-	0	-	0	-	0	-	0	-
LIBERIA	16.7	0	-	1	6.0	1	6.0	0	-	1	6.0
MADAGASCAR	31.5	0	-	1	3.2	1	3.2	3	9.5	4	12.7
MALAWI	135.7	1	0.7	1	0.7	2	1.5	10	7.4	12	8.8
MALI	146.3	1	0.7	1	0.7	2	1.4	10	6.8	12	8.2
MAURITANIA	77.8	0	-	0	-	0	-	2	2.6	2	2.6
MOZAMBIQUE	127.8	0	-	0	-	0	-	2	1.6	2	1.6
NAMIBIA	110.6	0	-	0	-	0	-	4	3.6	4	3.6
NIGER	129.2	1	0.8	3	2.3	4	3.1	3	2.3	7	5.4
RWANDA	36.8	0	-	2	5.4	2	5.4	3	8.2	5	13.6
SENEGAL	159.2	0	-	3	1.9	3	1.9	0	-	3	1.9
SOUTH AFRICA	131.5	0	-	0	-	0	-	0	-	0	-
SWAZILAND	56.7	0	-	0	-	0	-	4	7.1	4	7.1
TANZANIA	142.7	1	0.7	0	-	1	0.7	8	5.6	9	6.3
THE GAMBIA	93.4	2	2.1	5	5.4	7	7.5	5	5.4	12	12.8
TOGO	102.1	1	1.0	2	2.0	3	2.9	3	2.9	6	5.9
UGANDA	140.6	0	-	1	0.7	1	0.7	11	7.8	12	8.5
ZAMBIA	154.8	1	0.6	0	-	1	0.6	10	6.5	11	7.1
AFRICA TOTAL	2771.2	14	0.5	28	1.0	42	1.5	108	3.9	150	5.4
PEACE CORPS TOTAL	7247.7	45	0.6	92	1.3	137	1.9	169	2.3	306	4.2

Country	Female VT Years	Pregnancy		Other Gynecological Infections		VT Years	Sexually Transmitted Disease (non HIV)							
							Confirmed Bacterial		Presumed Bacterial		Viral		Total	
		No.	Rate	No.	Rate		No.	Rate	No.	Rate	No.	Rate		
ALBANIA	47.3	2	4.2	0	-	79.0	0	-	0	-	1	1.3	1	1.3
ARMENIA	46.3	0	-	0	-	84.3	0	-	1	1.2	3	3.6	4	4.7
AZERBAIJAN	69.0	0	-	0	-	101.9	0	-	0	-	0	-	0	-
BULGARIA	71.9	0	-	8	11.1	142.6	1	0.7	0	-	7	4.9	8	5.6
CAMBODIA	32.0	1	3.1	1	3.1	54.9	1	1.8	0	-	1	1.8	2	3.6
CHINA	55.5	0	-	1	1.8	92.8	0	-	0	-	0	-	0	-
GEORGIA	7.7	0	-	0	-	15.4	0	-	0	-	0	-	0	-
JORDAN	29.0	0	-	0	-	50.9	0	-	0	-	1	2.0	1	2.0
KAZAKHSTAN	63.9	0	-	1	1.6	126.0	0	-	0	-	0	-	0	-
KYRGYZ REPUBLIC	56.9	0	-	17	29.9	110.0	0	-	0	-	3	2.7	3	2.7
MACEDONIA	50.2	0	-	5	10.0	78.0	4	5.1	0	-	2	2.6	6	7.7
MOLDOVA	67.2	0	-	14	20.8	119.6	5	4.2	1	0.8	2	1.7	8	6.7
MONGOLIA	57.0	0	-	0	-	115.6	2	1.7	0	-	0	-	2	1.7
MOROCCO	136.5	2	1.5	15	11.0	229.4	6	2.6	1	0.4	1	0.4	8	3.5
PHILIPPINES	72.3	0	-	9	12.4	122.4	5	4.1	0	-	3	2.5	8	6.5
ROMANIA	67.5	2	3.0	29	43.0	127.6	2	1.6	3	2.4	12	9.4	17	13.3
THAILAND	56.3	0	-	9	16.0	99.2	0	-	0	-	3	3.0	3	3.0
TURKMENISTAN	45.6	0	-	0	-	71.3	1	1.4	2	2.8	0	-	3	4.2
UKRAINE	165.2	1	0.6	27	16.3	274.2	6	2.2	2	0.7	5	1.8	13	4.7
EMA TOTAL	1197.3	8	0.7	136	11.4	2095.1	33	1.6	10	0.5	44	2.1	87	4.2
BELIZE	38.2	0	-	19	49.7	65.2	0	-	0	-	0	-	0	-
COSTA RICA	74.9	1	1.3	14	18.7	114.8	0	-	3	2.6	5	4.4	8	7.0
DOMINICAN REPUBLIC	119.9	2	1.7	20	16.7	181.8	7	3.9	2	1.1	15	8.3	24	13.2
EASTERN CARIBBEAN	63.8	2	3.1	12	18.8	96.1	5	5.2	0	-	14	14.6	19	19.8
ECUADOR	106.8	1	0.9	16	15.0	161.6	0	-	1	0.6	1	0.6	2	1.2
EL SALVADOR	73.8	3	4.1	12	16.3	139.3	2	1.4	0	-	3	2.2	5	3.6
FIJI	35.7	0	-	0	-	62.0	0	-	0	-	0	-	0	-
GUATEMALA	129.0	0	-	37	28.7	197.9	1	0.5	1	0.5	6	3.0	8	4.0
GUYANA	48.4	0	-	4	8.3	67.6	0	-	0	-	0	-	0	-
HONDURAS	110.4	1	0.9	39	35.3	184.0	2	1.1	0	-	6	3.3	8	4.3
JAMAICA	48.3	0	-	14	29.0	86.1	0	-	1	1.2	0	-	1	1.2
MEXICO	24.0	2	8.3	2	8.3	50.5	0	-	0	-	2	4.0	2	4.0
MICRONESIA	30.4	0	-	4	13.2	54.0	0	-	0	-	0	-	0	-
NICARAGUA	115.9	0	-	30	25.9	181.3	2	1.1	0	-	3	1.7	5	2.8
PANAMA	92.1	5	5.4	17	18.5	168.9	0	-	2	1.2	1	0.6	3	1.8
PARAGUAY	110.1	1	0.9	3	2.7	193.4	5	2.6	0	-	0	-	5	2.6
PERU	91.2	1	1.1	15	16.4	167.7	0	-	0	-	2	1.2	2	1.2
SAMOA	17.6	0	-	0	-	42.9	1	2.3	0	-	0	-	1	2.3
SURINAME	20.2	0	-	11	54.5	41.7	1	2.4	0	-	0	-	1	2.4
TONGA	30.2	0	-	0	-	48.7	2	4.1	0	-	1	2.1	3	6.2
VANUATU	48.4	2	4.1	6	12.4	75.9	0	-	0	-	0	-	0	-
IAP TOTAL	1429.3	21	1.5	275	19.2	2381.4	28	1.2	10	0.4	59	2.5	97	4.1
BENIN	67.8	0	-	17	25.1	102.7	0	-	0	-	0	-	0	-
BOTSWANA	80.0	2	2.5	24	30.0	113.3	1	0.9	2	1.8	0	-	3	2.6
BURKINA FASO	71.0	0	-	10	14.1	116.0	0	-	0	-	3	2.6	3	2.6
CAMEROON	84.7	1	1.2	6	7.1	138.0	0	-	0	-	2	1.4	2	1.4
CAPE VERDE	30.3	1	3.3	3	9.9	57.9	0	-	1	1.7	1	1.7	2	3.5
ETHIOPIA	92.3	0	-	2	2.2	68.3	0	-	0	-	2	2.9	2	2.9
GHANA	80.7	1	1.2	1	1.2	155.4	0	-	0	-	2	1.3	2	1.3
GUINEA	41.5	0	-	29	69.9	74.4	0	-	3	4.0	4	5.4	7	9.4
KENYA	34.5	0	-	2	5.8	66.6	1	1.5	0	-	0	-	1	1.5
LESOTHO	57.9	2	3.5	6	10.4	85.2	0	-	0	-	0	-	0	-
LIBERIA	11.4	1	8.8	0	-	16.7	1	6.0	0	-	0	-	1	6.0
MADAGASCAR	21.0	0	-	2	9.5	31.5	0	-	0	-	0	-	0	-
MALAWI	81.0	3	3.7	1	1.2	135.7	1	0.7	1	0.7	4	2.9	6	4.4
MALI	90.7	1	1.1	20	22.1	146.3	0	-	0	-	1	0.7	1	0.7
MAURITANIA	45.2	0	-	12	26.5	77.8	0	-	0	-	1	1.3	1	1.3
MOZAMBIQUE	86.9	0	-	24	27.6	127.8	7	5.5	2	1.6	5	3.9	14	11.0
NAMIBIA	71.8	1	1.4	12	16.7	110.6	2	1.8	1	0.9	2	1.8	5	4.5
NIGER	87.8	0	-	7	8.0	129.2	0	-	0	-	0	-	0	-
RWANDA	28.2	0	-	12	42.6	36.8	0	-	0	-	2	5.4	2	5.4
SENEGAL	91.8	0	-	13	14.2	159.2	0	-	2	1.3	0	-	2	1.3
SOUTH AFRICA	87.7	1	1.1	22	25.1	131.5	0	-	2	1.5	0	-	2	1.5
SWAZILAND	38.9	0	-	0	-	56.7	2	3.5	1	1.8	0	-	3	5.3
TANZANIA	82.0	0	-	3	3.7	142.7	3	2.1	10	7.0	0	-	13	9.1
THE GAMBIA	54.6	1	1.8	19	34.8	93.4	1	1.1	0	-	1	1.1	2	2.1
TOGO	63.8	0	-	4	6.3	102.1	1	1.0	0	-	5	4.9	6	5.9
UGANDA	81.6	0	-	14	17.2	140.6	1	0.7	1	0.7	1	0.7	3	2.1
ZAMBIA	98.5	1	-	1	1.0	154.8	0	-	1	0.6	0	-	1	0.6
AFRICA TOTAL	1763.6	16	0.9	266	15.1	2771.2	21	0.8	27	1.0	36	1.3	84	3.0
PEACE CORPS TOTAL	4390	45	1.0	677	15.4	7247.7	82	1.1	47	0.6	139	1.9	268	3.7

Country	VT Years	HIV		HIV Post-Exposure Prophylaxis		Schistosomiasis				Tuberculosis				Vaccine-Preventable Disease	
		No.	Rate	No.	Rate	Symptoms/Parasites		Positive Antibody		Positive PPD		Active Disease		No.	Rate
						No.	Rate	No.	Rate	No.	Rate	No.	Rate		
ALBANIA	79.0	0	-	0	-	0	-	0	-	2	2.5	0	-	0	-
ARMENIA	84.3	0	-	0	-	0	-	0	-	0	-	0	-	0	-
AZERBAIJAN	101.9	0	-	1	1.0	0	-	0	-	0	-	0	-	0	-
BULGARIA	142.6	0	-	0	-	0	-	0	-	2	1.4	0	-	0	-
CAMBODIA	54.9	0	-	0	-	0	-	0	-	2	3.6	0	-	0	-
CHINA	92.8	0	-	0	-	0	-	0	-	1	1.1	0	-	0	-
GEORGIA	15.4	0	-	0	-	0	-	0	-	0	-	0	-	0	-
JORDAN	50.9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
KAZAKHSTAN	126.0	0	-	0	-	0	-	0	-	2	1.6	0	-	0	-
KYRGYZ REPUBLIC	110.0	0	-	1	0.9	0	-	0	-	0	-	0	-	0	-
MACEDONIA	78.0	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MOLDOVA	119.6	1	0.8	0	-	0	-	0	-	6	5.0	0	-	0	-
MONGOLIA	115.6	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MOROCCO	229.4	0	-	1	0.4	0	-	0	-	0	-	0	-	0	-
PHILIPPINES	122.4	0	-	0	-	0	-	0	-	0	-	0	-	0	-
ROMANIA	127.6	0	-	0	-	0	-	0	-	0	-	0	-	0	-
THAILAND	99.2	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TURKMENISTAN	71.3	0	-	0	-	0	-	0	-	3	4.2	0	-	0	-
UKRAINE	274.2	0	-	4	1.5	0	-	0	-	5	1.8	0	-	0	-
EMA TOTAL	2095.1	1	-	7	0.3	0	-	0	-	23	1.1	0	-	0	-
BELIZE	65.2	0	-	0	-	0	-	0	-	0	-	0	-	1	1.5
COSTA RICA	114.8	0	-	0	-	0	-	0	-	2	1.7	0	-	0	-
DOMINICAN REPUBLIC	181.8	0	-	0	-	0	-	0	-	8	4.4	1	0.6	0	-
EASTERN CARIBBEAN	96.1	0	-	5	5.2	0	-	0	-	0	-	0	-	0	-
ECUADOR	161.6	0	-	0	-	0	-	0	-	3	1.9	0	-	0	-
EL SALVADOR	139.3	0	-	3	2.2	0	-	0	-	0	-	0	-	0	-
FIJI	62.0	0	-	0	-	0	-	0	-	0	-	0	-	0	-
GUATEMALA	197.9	0	-	1	0.5	0	-	0	-	16	8.1	0	-	0	-
GUYANA	67.6	0	-	1	1.5	0	-	0	-	1	1.5	0	-	0	-
HONDURAS	184.0	0	-	0	-	0	-	0	-	0	-	0	-	0	-
JAMAICA	86.1	0	-	3	3.5	0	-	0	-	0	-	0	-	0	-
MEXICO	50.5	0	-	0	-	0	-	0	-	1	2.0	0	-	0	-
MICRONESIA	54.0	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NICARAGUA	181.3	0	-	3	1.7	0	-	0	-	2	1.1	0	-	0	-
PANAMA	168.9	0	-	3	1.8	0	-	0	-	0	-	0	-	0	-
PARAGUAY	193.4	0	-	1	0.5	0	-	0	-	0	-	0	-	0	-
PERU	167.7	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SAMOA	42.9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SURINAME	41.7	0	-	0	-	0	-	0	-	0	-	0	-	0	-
TONGA	48.7	0	-	0	-	0	-	0	-	0	-	0	-	0	-
VANUATU	75.9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
IAP TOTAL	2381.4	0	-	20	0.8	0	-	0	-	33	1.4	1	-	1	-
BENIN	102.7	0	-	1	1.0	0	-	0	-	0	-	0	-	0	-
BOTSWANA	113.3	0	-	1	0.9	0	-	0	-	0	-	0	-	0	-
BURKINA FASO	116.0	0	-	6	5.2	0	-	1	0.9	1	0.9	0	-	0	-
CAMEROON	138.0	0	-	1	0.7	0	-	0	-	1	0.7	0	-	3	2.2
CAPE VERDE	57.9	0	-	3	5.2	0	-	0	-	0	-	0	-	0	-
ETHIOPIA	68.3	0	-	2	2.9	1	1.5	5	7.3	0	-	0	-	0	-
GHANA	155.4	0	-	3	1.9	0	-	2	1.3	0	-	0	-	0	-
GUINEA	74.4	0	-	2	2.7	0	-	0	-	0	-	0	-	0	-
KENYA	66.6	0	-	3	4.5	0	-	5	7.5	0	-	0	-	0	-
LESOTHO	85.2	0	-	8	9.4	0	-	0	-	2	2.3	0	-	0	-
LIBERIA	16.7	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MADAGASCAR	31.5	0	-	0	-	0	-	0	-	0	-	0	-	0	-
MALAWI	135.7	0	-	6	4.4	1	0.7	2	1.5	0	-	0	-	1	0.7
MALI	146.3	0	-	2	1.4	0	-	1	0.7	3	2.1	0	-	0	-
MAURITANIA	77.8	0	-	0	-	0	-	2	2.6	1	1.3	0	-	0	-
MOZAMBIQUE	127.8	0	-	4	3.1	0	-	5	3.9	1	0.8	0	-	0	-
NAMIBIA	110.6	0	-	2	1.8	0	-	1	0.9	0	-	0	-	0	-
NIGER	129.2	0	-	0	-	0	-	0	-	2	1.5	0	-	0	-
RWANDA	36.8	0	-	3	8.2	0	-	2	5.4	1	2.7	0	-	0	-
SENEGAL	159.2	0	-	2	1.3	1	0.6	0	-	4	2.5	0	-	0	-
SOUTH AFRICA	131.5	0	-	0	-	0	-	0	-	3	2.3	0	-	0	-
SWAZILAND	56.7	0	-	1	1.8	0	-	0	-	0	-	0	-	0	-
TANZANIA	142.7	0	-	3	2.1	0	-	0	-	0	-	0	-	0	-
THE GAMBIA	93.4	0	0.0	0	-	0	-	0	-	3	3.2	0	-	0	-
TOGO	102.1	0	-	4	3.9	0	-	1	-	0	-	0	-	0	-
UGANDA	140.6	0	-	2	1.4	0	-	0	-	1	0.7	0	-	0	-
ZAMBIA	154.8	0	0.0	2	1.3	0	-	6	3.9	2	1.3	0	-	0	-
AFRICA TOTAL	2771.2	0	0.0	61	2.2	3	0.1	33	1.2	25	0.9	0	-	4	0.1
PEACE CORPS TOTAL	7247.7	1	-	88	1.2	3	-	33	0.5	81	1.1	1	-	5	0.1

Common Acronyms and Definitions

8A	Pre-service accommodation for in-country psychiatrist
8B	Pre-service accommodation for psychotropic medication monitoring
Avg.	Average
Colposcopy.....	Procedure used to diagnose cause of an abnormal pap smear in women
D.C.	Washington, D.C.
Dengue	Viral disease transmitted by mosquitoes
EMA	Europe, Mediterranean, and Asia region
ENT	Ear, Nose, and Throat
ESS	Epidemiologic Surveillance System
FECA	Federal Employees' Compensation Act
Febrile illness....	Illness with a temperature of at least 38° Celsius (100.4° Fahrenheit)
Filariasis	Diseases caused by microscopic, threadlike worms
HIV	Human Immunodeficiency Virus
HOV	<i>The Health of the Volunteer</i> annual report
HQ	Peace Corps headquarters
IAP	Inter-America and the Pacific region
Leishmaniasis ...	Parasitic disease transmitted by sand flies
Medevac	Medical evacuation
No.	Number
OMS	Office of Medical Services
OSS	Office of Special Services
PCMO	Peace Corps Medical Officer
PCV	Peace Corps Volunteer
PEP	Post exposure prophylaxis for HIV
PPD	Purified protein derivative tuberculosis test
PSA	Prostate specific antigen
PTSD	Post-traumatic stress disorder
SAD	Seasonal affective disorder
STD	Sexually transmitted disease
Schistosomiasis	Parasitic disease caused by flatworms that penetrate skin submerged in contaminated water
TB	Tuberculosis
TG	Technical guideline
U.S.	United States
VT years	Volunteer years

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