

HEALTH INFORMATION for INTERNATIONAL TRAVEL

**INCLUDING - UNITED STATES
DESIGNATED YELLOW FEVER VACCINATION CENTERS**

PUBLISHED AS A SUPPLEMENT TO

*Morbidity
and Mortality*



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**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
CENTER FOR DISEASE CONTROL
ATLANTA, GEORGIA 30333**

PREFACE

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FOR
INTERNATIONAL TRAVEL**

1974

**Supplement to the
*Morbidity and Mortality Weekly Report***

**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
CENTER FOR DISEASE CONTROL
BUREAU OF EPIDEMIOLOGY
ATLANTA, GEORGIA 30333**

PREFACE

One of the most important responsibilities of the Center for Disease Control is that of providing health information, including recommended and required vaccinations, for world travelers. Such information must be as up-to-date and as comprehensive as possible. It is hoped that this pamphlet which has been extensively revised and replaces the previous supplement to the *Morbidity and Morbidity Weekly Report* entitled "Vaccination Certificate Requirements for International Travel" will substantially meet the need for this kind of information. Comments, suggestions, and criticisms from readers are most welcome and should be addressed to:

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HEALTH INFORMATION FOR INTERNATIONAL TRAVEL

I. Introduction

This pamphlet is published annually as a supplement to the *Morbidity and Mortality Weekly Report* (MMWR) by the Bureau of Epidemiology, Center for Disease Control (CDC). It is intended to provide, for those who must advise international travelers on measures for health protection, the necessary information on required vaccinations, U.S. Public Health Service recommendations, International Certificates of Vaccination, and health hints so that transmission of internationally quarantinable diseases can be prevented and international travel facilitated.

The pamphlet is organized into these primary sections:

Sources – This section gives the sources of data used to prepare and update this pamphlet so that the reader will have a better understanding of how it should be used.

Definitions – This section clarifies key words, terms, and phrases used throughout the pamphlet.

Vaccination Information – This section provides practical information about the reasons for International Certificates of Vaccination, use of this pamphlet, validation of Certificates, and exceptions to regulations.

Vaccination Certificate Requirements for International Travel – This section gives information on the vaccinations required by each country; these requirements have been assembled by the World Health Organization (WHO).

U.S. Public Health Service (USPHS) Recommendations – This section gives vaccinations and prophylactic measures recommended by the U.S. Public Health Service (USPHS) but not required by the United States or any other country.

Health Hints for the Traveler – This section gives practical suggestions for avoiding illness while traveling.

U.S. Designated Yellow Fever Vaccination Centers – This section gives information on the Centers designated to administer yellow fever vaccine in the United States.

This pamphlet supersedes *Vaccination Certificate Requirements for International Travel*, Supplement to the MMWR, Vol. 22, No. 17, April 18, 1973, and the chart "Immunizations and Prophylaxis Recommended by the Public Health Service" revised May 10, 1973. The prior publications *Health Information for International Travel*, PHS Publication No. 2045, April 1970, and

Immunization Information for International Travel, PHS Publication No. 384, July 1967, are also obsolete. In addition, this pamphlet contains an up-to-date listing of Yellow Fever Vaccination Centers, previously published separately, and thus supersedes *United States Designated Yellow Fever Vaccination Centers*, Supplement to the MMWR, Vol. 22, No. 32, August 11, 1973.

Because the situation with regard to quarantinable diseases (smallpox, cholera, yellow fever, and plague) and vaccinations required by various countries may change frequently, CDC distributes weekly a sheet entitled "Countries with Areas Infected with Quarantinable Diseases" which lists countries currently reporting cases of smallpox, cholera, yellow fever, and plague. Because it is always printed on blue paper, it has come to be known as the "Blue Sheet." In addition, changes in vaccination requirements reported by WHO are published at the bottom of the "Blue Sheet" and also in the MMWR under "International Notes – Quarantine Measures." Changes in vaccination requirements should be entered in the "Vaccination Requirements" section of this pamphlet so that individuals advising travelers can keep information on vaccination requirements current.

Occasionally, the Bureau of Epidemiology, CDC, issues an "Advisory Memorandum" which reports and describes newly identified health problems associated with some international travel.

II. Sources

This pamphlet has been prepared from information included in the following documents:

1. *International Health Regulations* (1969) First Annotated Edition, World Health Organization, Geneva, 1971
2. *Vaccination Certificate Requirements for International Travel* – situation as of 1 January 1974. World Health Organization, Geneva, 1974
3. *Weekly Epidemiological Record*. World Health Organization, Geneva
4. *Collected Recommendations of the Public Health Service Advisory Committee on Immunization Practices* (ACIP), Supplement to the MMWR, Vol. 21, No. 25, 24 June 1972

For purposes of identification, the documents referred to above are depicted on page 2.

III. Definitions

CDC – Center for Disease Control

Direct transit area – A special area established in an airport, approved and supervised directly by the health administration concerned, for segregating passengers and crews

Diseases subject to International Health Regulations – Smallpox, cholera, yellow fever, and plague

Endemic – Present in a community at all times, but occurring in low frequency

Epidemic – Attacking more than the usual number of people in a community or region at the same time; may remain localized but can also spread

Imported case – An infected person arriving on an international voyage

Infected area – An area which, because of population characteristics, density and mobility, and/or vector and animal reservoir potential, could support transmission of disease(s) identified there. It is defined on epidemiologic principles by the health administration reporting the disease and need not correspond to administrative boundaries.

In quarantine – That state or condition during which measures are applied by a health administration to a ship, an aircraft, a train, road vehicle, other means of transport or container, or individuals, to prevent the spread of disease from the object of quarantine to reservoirs, vectors of disease, or to other individuals

International Certificates of Vaccination – The official Certificates used to document the vaccinations a traveler has received, when and where received, and who administered them

Isolation – The separation of a person or group of persons from others (except the health staff on duty) to prevent the spread of infection

MMWR – *Morbidity and Mortality Weekly Report*

Quarantinable diseases – Smallpox, cholera, yellow fever, and plague

Recommended vaccination – Vaccination not required by International Health Regulations but suggested for travelers visiting or living in certain countries

Required vaccination – Vaccination the traveler must have for entry (and sometimes exit) from a country. The traveler must present a validated International Certificate of Vaccination which documents the vaccination(s) received.

Validation – Application of an official stamp to the Vaccination Certificate by the health department or other appropriate agency

Valid Certificate – A Certificate conforming with the model which appears on page 4.

WHO – World Health Organization

IV. Vaccination Information

A. Introduction

Under the International Health Regulations adopted by the WHO a country may require International Certificates of Vaccination against Smallpox, Cholera, and Yellow Fever from international travelers. Therefore, this pamphlet has been compiled for use as a reference by physicians, health departments, organizations, agencies, and institutions who make vaccination recommendations for U.S. residents engaging in international travel.

This pamphlet, kept up-to-date with changes in vaccination requirements reported by WHO, and the "Blue Sheet," give accurate information on vaccinations required for international travel. However, travelers should also be advised to call their local health department 2 weeks prior to departure to obtain the most current information on countries to be visited.

B. How To Use This Pamphlet to Determine Vaccinations Required

1. List the traveler's itinerary in the sequence in which the countries will be visited. Consider the length of stay in each country.

2. Check the current weekly "Blue Sheet" to determine if any country on the itinerary is currently infected with smallpox, cholera, or yellow fever.

3. Use this pamphlet to check the vaccination requirements of each country (in the sequence of travel). Read the code under each disease first; then read all notes carefully. The codes are explained at the bottom of each page. If code I appears, vaccination against that disease is required from all travelers EXCEPT as indicated in the notes. If code II appears, vaccination against that disease is required only if any country on the traveler's itinerary is listed on the weekly "Blue Sheet" EXCEPT as indicated in the notes.

C. Exemption from Vaccination

Age: Some countries do not require International Certificates of Vaccination for infants. Check the individual country requirements for age exemptions.

Medical grounds: If a physician thinks that vaccination should not be performed on medical grounds, the traveler should be given a signed, dated statement of these reasons on the physician's letterhead stationery.

THERE ARE NO OTHER ACCEPTABLE REASONS FOR EXEMPTION FROM VACCINATION.

D. Unvaccinated Persons

Travelers who do not have the required vaccinations upon entering a country may be subject to medical follow-up or isolation. In a few countries, unvaccinated travelers are denied entry.

E. Persons Authorized to Vaccinate and to Validate Certificates

Smallpox and cholera vaccinations may be given by any licensed physician, and validation of the Certificate can be obtained at most city, county, and state health departments. Yellow fever vaccinations must be given at an officially designated Yellow Fever Vaccination Center (see pages 67-76), and the Certificate must be validated by the Center which administers the vaccine. Physicians administering vaccine to travelers should emphasize that International Certificates must be validated to be acceptable to quarantine authorities. Failure to secure validation may cause a traveler to be revaccinated or quarantined.

F. Persons Authorized to Sign Certificates

International Certificates of Vaccination must be signed by a licensed physician or by a person under the physician's supervision who has been designated by the physician to sign the Certificate. A signature stamp is not acceptable.

G. Model of a Correctly Completed Certificate

International Certificates of Vaccination must be complete in every detail; if incomplete or inaccurate, they are not valid. Revisions of this Certificate dated 9-66, 9-69, or 9-71 are still acceptable.

H. Travel on Military Orders

Since military requirements may exceed the requirements indicated in this pamphlet, any person who plans to travel on military orders (civilians and military personnel) should contact the nearest military medical facility to determine the requirements for the trip.

V. Vaccination Certificate Requirements

A. Summary of Requirements for United States Travelers to Countries Most Frequently Visited

1. Europe — There are no vaccination requirements for travel directly between the United States and countries in Europe. The countries which are considered to comprise Europe are listed on page 6. If an outbreak of smallpox, cholera, or yellow fever occurs in any of these countries, and if the traveler visits an infected area, most countries remaining on his or her itinerary will require a Smallpox Certificate; a few countries will require a Cholera or Yellow Fever Certificate.

2. Canada and Mexico — There are no vaccination requirements for travel directly between the United States and either of these countries. If an outbreak of smallpox, cholera, or yellow fever occurs in any country and the traveler visits an infected area, a Smallpox Certificate will be required by both Canada and Mexico, and a Yellow Fever Certificate by Mexico but not by

MODEL OF A CORRECTLY COMPLETED INTERNATIONAL CERTIFICATE OF VACCINATION

INTERNATIONAL CERTIFICATES OF VACCINATION
 AS APPROVED BY
THE WORLD HEALTH ORGANIZATION
 (EXCEPT FOR ADDRESS OF VACCINATOR)

CERTIFICATS INTERNATIONAUX DE VACCINATION
 APPROUVÉS PAR
L'ORGANISATION MONDIALE DE LA SANTÉ
 (SAUF L'ADRESSE DU VACCINATEUR)

TRAVELER'S NAME—NOM DU VOYAGEUR
John Doe

ADDRESS—ADRESSE (Number—Numéro) (Street—Rue)
100 First St.
 (City—Ville)
Atlanta
 (County—Département) (State—État)
Fulton Georgia

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

PHS-731 (REV. 9-69)

INTERNATIONAL CERTIFICATE OF VACCINATION OR REVACCINATION AGAINST SMALLPOX
CERTIFICAT INTERNATIONAL DE VACCINATION OU DE REVACCINATION CONTRE LA VARIOLE

This is to certify that
 Je soussigné(e) certifie que
 whose signature follows
 dont le signature suit
 has on the date indicated been vaccinated or revaccinated against smallpox with a freeze-dried or liquid vaccine certified to fulfill the recommended requirements of the World Health Organization.
 a été vacciné(e) ou revacciné(e) contre la variole à la date indiquée ci-dessous, avec un vaccin lyophilisé ou liquide certifié conforme aux normes recommandées par l'Organisation mondiale de la Santé.

Name
John Doe sex M date of birth 18 Jan 1943

Date	Show by "X" whether indicated per "X" s'il s'agit de	Signature, professional status, and address of vaccinator	Origin and batch no. of vaccine	Approved stamp
15/Sept/66	Primary vaccination performed / <input checked="" type="checkbox"/> / Primo vaccination effectuée / <input checked="" type="checkbox"/>	<u>John Q. Physician</u> John Q. Physician, M. D. 200 10th Street Seattle, Washington	Lilly 2GB06C	OFFICIAL VACCINATION WASHINGTON 44-033-0450 U. S. A.
20/Sept/66	Reas as successful / <input checked="" type="checkbox"/> / Revacccin / <input checked="" type="checkbox"/>	<u>John Q. Physician</u> John Q. Physician 200 10th Street Seattle, Washington		OFFICIAL VACCINATION WASHINGTON 44-033-0450 U. S. A.
15/Aug/66	Re vaccination / <input checked="" type="checkbox"/>	<u>Peter Smith</u> Peter Smith, M. D. 10 Peachtree Street Atlanta, Georgia	National 689849	DESIGNATED VACCINATION CENTER No. 198 U. S. A.
	Re vaccination / <input type="checkbox"/>			
	Re vaccination / <input type="checkbox"/>			
	Re vaccination / <input type="checkbox"/>			

THE VALIDITY OF THIS CERTIFICATE shall extend for a period of 3 years, beginning 8 days after the date of a successful primary vaccination or, in the event of a revaccination, on the date of that revaccination.
 The space must be in a form prescribed by the health administration of the

Canada; neither country would require a Cholera Certificate.

3. The Caribbean — There are no vaccination requirements for travel directly between the United States and any one of the Caribbean countries. For travel to more than one country in the Caribbean, check the individual country requirements. The countries which are considered to comprise the Caribbean are listed on page 5. If an outbreak of smallpox, cholera, or yellow fever occurs in any of these countries, and if the traveler visits an infected area, most countries remaining on his or her itinerary will require a Smallpox Certificate; a few countries will require a Yellow Fever Certificate. No Caribbean country has a cholera vaccination requirement.

4. Return to the United States — To return to the United States, smallpox vaccination is the only requirement and that is necessary only if, within the 14 days before arrival in the United States, the traveler has been in a country reporting smallpox.

B. Travel from the United States To and Between Other Countries

1. List of Countries Comprising the Following Regions (Continents):

AFRICA

Afars and the Issas	Mauritania
Algeria	Mauritius
Angola	Morocco
Botswana	Mozambique
Burundi	Namibia
Cameroon	Niger
Canary Islands	Nigeria
Cape Verde Islands	Portuguese Guinea
Central African Republic	Reunion
Chad	Rhodesia
Comoro Archipelago	Rwanda
Congo	Saint Helena
Dahomey	Sao Tome & Principe
Egypt	Senegal
Equatorial Guinea	Seychelles
Ethiopia	Sierra Leone
Gabon	Somali
Gambia	South Africa
Ghana	Spanish Sahara
Guinea	Sudan
Ivory Coast	Swaziland
Kenya	Tanzania, United Republic of
Lesotho	Togo
Liberia	Tunisia
Libyan Arab Republic	Uganda
Madagascar	Upper Volta
Madeira	Zaire
Malawi	Zambia
Mali	

THE AMERICAS

Argentina	Greenland
Belize	Guatemala
Bermuda	Guyana
Bolivia	Honduras
Brazil	Mexico
Canada	Nicaragua
Canal Zone	Panama
Chile	Paraguay
Colombia	Peru
Costa Rica	Saint Pierre and Miquelon
Cuba	Surinam
Ecuador	United States of America
El Salvador	Uruguay
Falkland Islands	Venezuela
French Guiana	

THE CARIBBEAN

The Bahama Islands	All Leeward Islands:
Cayman Islands	Anguilla, Antigua,
Greater Antilles:	Barbuda, the British Virgin
Dominican Republic	Islands, Guadeloupe,
Haiti	Montserrat, Nevis,
Jamaica	Redonda, St. Kitts,
Lesser Antilles:	St. Martin
Aruba, Bonaire,	All Windward Islands:
Curacao, Trinidad	Barbados, Dominica,
and Tobago	Grenada, The Grenadines,
	Martinique, St. Lucia,
	St. Vincent

ASIA

Afghanistan	Macao
Bahrain	Malaysia
Bangladesh	Maldives
Brunei	Mongolia
Burma	Nepal
China (People's Republic)	Oman
China, Republic of	Pakistan
(Taiwan)	Philippines
Cyprus	Portuguese Timor
Hong Kong	Qatar
India	Ryukyu Islands
Indonesia	Saudi Arabia
Iran	Singapore
Iraq	Sri Lanka
Israel	Syrian Arab Republic
Japan	Thailand
Jordan	Turkey
Khmer Republic	United Arab Emirates
Korea, Republic of	Viet-Nam
Kuwait	Yemen
Laos	Yemen, Democratic
Lebanon	

EUROPE

Albania	Italy
Austria	Jersey
Azores	Liechtenstein
Belgium	Luxembourg
Bulgaria	Malta
Czechoslovakia	Monaco
Denmark	Netherlands
Faroe Islands	Norway
Finland	Poland
France	Portugal
Germany (East)	Romania
Germany (West)	Russia (USSR)
Gibraltar	Spain
Greece	Sweden
Guernsey,	Switzerland
Alderney & Sark	United Kingdom
Hungary	(England, Scotland,
Iceland	Northern Ireland &
Ireland	Wales)
Isle of Man	Yugoslavia

OCEANIA

American Samoa	New Hebrides
Australia	New Zealand
British Solomon Islands	Niue Island
Christmas Island	Norfolk Island
Cocos (Keeling) Island	Pacific Islands
Cook Islands	Papua
Fiji	Pitcairn Island
French Polynesia	Tokelau Islands
Gilbert and Ellice Islands	Tonga
Guam	Wake Island
Nauru	Wallis & Futuna Island
New Caledonia	Western Samoa
New Guinea	

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**Vaccination Requirements and Recommendations for
Cholera, Yellow Fever, and Smallpox, by Country**

Country <i>(Read all notes carefully)</i>	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
AFARS AND THE ISSAS		II > 1 year	I > 3 months
AFGHANISTAN			I
ALBANIA		II > 1 year	I
<p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 15 days before arriving in Albania:</p> <p>Americas: USA, Canada Europe: All countries Asia: China (Peking), North Korea, North Viet-Nam, Turkey Africa: Morocco Oceania: All countries</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			
ALGERIA		II > 1 year	I
<p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Algeria:</p> <p>Americas: USA, Canada Europe: All countries Africa: Morocco, Tunisia</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			
ANGOLA		II > 1 year	I > 3 months
<p>Cholera – Angola recommends vaccination. Yellow fever – Angola recommends vaccination.</p>			
ANTIGUA		II > 1 year	I
<p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada Caribbean: Bahamas, Barbados, British Virgin Islands, Dominica, Grenada, St. Kitts-Nevis-Anguilla, St. Lucia, Montserrat, Trinidad and Tobago, St. Vincent</p> <p align="right"><i>(Continued next page)</i></p>			

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>ANTIGUA (Continued)</p> <p>However, a Certificate will be required from travelers arriving from these countries if they have been in a smallpox endemic country, or where a recent case of smallpox occurred, during the 14 days before arriving in Antigua.</p>			
<p>ARGENTINA</p>			I
<p>AUSTRALIA</p> <p>Cholera — A Certificate is ALSO required from travelers arriving from all countries any part of which is infected.</p> <p>Travelers arriving in Australia from a country any part of which is infected without a Certificate will be offered vaccination. If refused, the traveler will be detained in quarantine for 5 days.</p> <p>Yellow fever — A Certificate is ALSO required from travelers arriving from countries in the endemic zones (see pp. 50-51).</p> <p>Smallpox — Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Australia by the direct trans-Pacific air routes and these areas are free from smallpox:</p> <p>Americas: USA, Canada</p> <p>Oceania: American Samoa, Antarctic Territories, Christmas (Indian Ocean), Cocos (Keeling) and Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands Colony (including Ocean and Fanning Islands), Hawaii, Lord Howe Island, Nauru, New Caledonia, New Guinea-Papua, New Hebrides, New Zealand, Niue and Norfolk Islands, Solomon and Tokelau Islands, Tonga, Western Samoa</p> <p>Travelers arriving in Australia from any other country, or by any other route, are REQUIRED to have a Vaccination Certificate against Smallpox. Vaccination will be offered, but if refused, the traveler will be detained in quarantine for 14 days.</p> <p>Arrivals by air: Unvaccinated travelers from the USA or Canada must sign on arrival a statutory declaration stating</p> <p style="text-align: right;"><i>(Continued next page)</i></p>	<p>II > 1 year</p>	<p>II</p>	<p>I > 1 year</p>

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>AUSTRALIA (Continued)</p> <p>they have not been outside the above listed areas in the 14 days before arriving in Australia. Otherwise vaccination will be offered; if refused, the traveler will be detained in quarantine for 14 days.</p> <p>No exception is made on account of pregnancy.</p> <p>Arrivals by sea: A medical certificate stating traveler has a medical condition which makes vaccination inadvisable or a statutory declaration that the traveler objects to vaccination on religious grounds is acceptable.</p> <p>NOTE: Australia is not bound by the International Health Regulations.</p>			
<p>AUSTRIA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Canada Europe: All countries Africa: Algeria, Egypt, Libyan Arab Republic, Morocco, Tunisia Asia: Israel, Jordan, Lebanon, Syrian Arab Republic, Turkey Oceania: All countries</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I > 1 year
<p>AZORES</p> <p>Yellow fever – Except that NO Certificate is required from travelers in transit at Santa Maria.</p>		II > 1 year	II > 6 months
<p>BAHAMAS</p>		II > 1 year	II
<p>BAHRAIN</p>		II > 1 year	I
<p>BANGLADESH</p>		II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>BARBADOS</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada</p> <p>Caribbean: Antigua, Bahamas, British Virgin Islands, Dominica, Grenada, Guadeloupe, Jamaica, Martinique, Montserrat, St. Kitts-Nevis-Anguilla, St. Lucia, St. Vincent, Trinidad and Tobago</p> <p>However, a Certificate is required from travelers from Guadeloupe and Martinique who, within 14 days before arriving in Barbados, have been in a country NOT listed above.</p>		II > 1 year	I > 1 year
<p>BELGIUM</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 15 days before arriving in Belgium:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Egypt, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I
<p>BELIZE (formerly British Honduras)</p>		II	I
<p>BERMUDA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Canada, Canal Zone, Greenland, Mexico, St. Pierre and Miquelon</p> <p>(Continued next page)</p>			I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
BERMUDA (Continued)			
Caribbean: Aruba, Bahamas, Barbados, Bonaire, British Virgin Islands, Cayman Islands, Curacao, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, Montserrat, Puerto Rico, St. Kitts-Nevis-Anguilla, St. Lucia, St. Vincent, Trinidad and Tobago			
Europe: Iceland			
BOLIVIA			I
BOTSWANA		II	I > 1 year
BRAZIL		II	I > 3 months
Yellow fever – A Certificate is required ONLY from travelers from infected areas who arrive in or are destined for the Belem area.			
BRUNEI		II > 1 year	I
BULGARIA			I > 6 months
Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Bulgaria:			
Americas: USA, Canada			
Europe: All countries			
Asia: China (Peking), Mongolia			
However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.			
BURMA		II	I
Cholera – A Certificate is required ONLY from travelers proceeding to countries which require a Certificate.			
Yellow fever – A Certificate is ALSO required from travelers who arrive within 9 days of departure from or transit through countries in the endemic zones (see pp. 50-51).			

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>BURUNDI</p> <p>Typhoid fever – Burundi recommends vaccination.</p> <p>Typhus – Burundi recommends vaccination for extensive travel in the country.</p>		<p>II > 1 year</p>	<p>I > 3 months</p>
<p>CAMEROON</p> <p>Yellow fever – Except that NO Certificate is required for stay of less than 2 weeks.</p>		<p>I > 1 year</p>	<p>I</p>
<p>CANADA</p> <p>Smallpox – A Certificate is ALSO required from travelers who within 14 days before arriving in Canada have been in an endemic area, or who have been or are suspected of having been in contact with a known or suspect case of smallpox.</p>			<p>II > 1 year</p>
<p>CANAL ZONE</p>			<p>I</p>
<p>CANARY ISLANDS</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for more than 14 days before arriving in the Canary Islands:</p> <p>Americas: USA, Canada, Puerto Rico Europe: All countries Africa: Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			<p>I by air > 6 months</p>
<p>CAPE VERDE ISLANDS</p> <p>Yellow fever – Except that NO Certificate is required from travelers arriving in Boa Vista, Maio, Sal, Santiago, and Sao Vicente.</p>		<p>II > 1 year</p>	<p>I > 3 months</p>
<p>CAYMAN ISLANDS</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA Caribbean: Jamaica</p>			<p>I</p>

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
CENTRAL AFRICAN REPUBLIC		I > 1 year	I
CHAD Yellow fever – Chad recommends vaccination for all travelers over 1 year of age.		II > 1 year	I > 1 year
CHILE			I
CHINA, PEOPLE'S REPUBLIC (No official information has been received. These recommendations are made.)	I		I
CHINA, REPUBLIC OF (TAIWAN) (No official information has been received. These recommendations are made.)	II		I
CHRISTMAS ISLAND (Indian Ocean) Cholera – A Certificate is ALSO required from travelers arriving from all countries any parts of which are infected. Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zones (see pp. 50-51).	II > 1 year	II	I > 1 year
COLOMBIA			I > 3 months
COMORO ARCHIPELAGO			I
CONGO Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.		I > 1 year	I > 6 months
COOK ISLANDS Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days prior to arriving in the Cook Islands: Americas: USA, Canada			I by air > 3 months

(Continued next page)

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>COOK ISLANDS (Continued)</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Hawaii, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Tonga, Western Samoa</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>A Certificate is ALSO required from travelers arriving by sea from:</p> <p>Americas: All South American countries Asia: All countries</p>			
<p>COSTA RICA</p>			I
<p>CUBA</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from:</p> <p>Americas: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Panama, Peru, Surinam, Venezuela</p> <p>Africa: Angola, Burundi, Cameroon, Central African Republic, Chad, Congo, Dahomey, Ethiopia, Gabon, Gambia, Ghana, Guinea, Kenya, Liberia, Mali, Mauritania, Niger, Nigeria, Portuguese Guinea, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Somali, Togo, Uganda, United Republic of Tanzania, Upper Volta, Zaire, Zambia</p>		II	I
<p>CYPRUS</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zones (see pp. 50-51).</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: North America only Europe: All countries</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>		II	I > 1 year

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>CZECHOSLOVAKIA</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 15 days before arriving in Czechoslovakia:</p> <p>Americas: USA, Canada, Cuba Europe: All countries Asia: Mongolia (via USSR), Turkey</p>			I
<p>DAHOMY</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p> <p>Smallpox – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I > 1 year
<p>DENMARK</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Denmark:</p> <p>Americas: USA, Canada Europe: All countries Africa: Canary Islands, Madeira, Morocco</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			I
<p>DOMINICA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA and territories, Bermuda, Canada Caribbean: Antigua, Bahamas, Barbados, British Virgin Islands, Cayman Islands, Grenada, Jamaica, Montserrat, St. Kitts-Nevis-Anguilla, St. Lucia, St. Vincent, Trinidad and Tobago</p>		II > 1 year	I
<p>DOMINICAN REPUBLIC</p>			II

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
ECUADOR		II	I
EGYPT Yellow fever – A Certificate is ALSO required from travelers arriving from: Americas: Belize, Bolivia, Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Guyana, Honduras, Nicaragua, Panama, Peru, Surinam, Trinidad, Venezuela Africa: Angola, Botswana, Burundi, Cameroon, Central African Republic, Chad, Congo, Dahomey, Equatorial Guinea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Malawi, Mali, Mauritania, Niger, Nigeria, Portuguese Guinea, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Somali, Sudan (south of 15° N latitude), Togo, Uganda, United Republic of Tanzania, Upper Volta, Zaire, Zambia	II > 1 year	II > 1 year	I > 3 months
EL SALVADOR Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in El Salvador: Americas: USA, Canada		II > 6 months	I > 1 year
EQUATORIAL GUINEA		II	I
ETHIOPIA		I	I
FALKLAND (MALVINAS) ISLANDS			I
FAROE ISLANDS Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in the Faroe Islands: Americas: USA, Canada Europe: All countries Africa: Canary Islands, Madeira, Morocco			I

(Continued next page)

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>FAROE ISLANDS (Continued)</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p> <p>FIJI</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for Fiji:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, French Polynesia, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Tonga, Western Samoa</p> <p>A Certificate is ALSO required from arrivals by sea from:</p> <p>Asia: Bangladesh, India, Pakistan</p> <p>FINLAND</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Finland:</p> <p>Americas: USA, Canada Europe: All countries Africa: Canary Island, Madeira, Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>FRANCE</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam Caribbean: All countries Europe: All countries Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Tunisia</p> <p style="text-align: right;"><i>(Continued next page)</i></p>	II	II <i>by air</i> > 1 year	I <i>by air</i>

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>FRANCE (Continued)</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>NO Certificate is required from sea travelers who have left an infected area or a country NOT listed above more than 14 days before arriving in France.</p>			
<p>FRENCH GUIANA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>NO Certificate is required from sea travelers who have left an infected area or a country NOT listed above more than 14 days before arriving in French Guiana.</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>FRENCH POLYNESIA (TAHITI)</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for French Polynesia:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Tonga, Western Samoa</p>		II > 1 year	I
<p>GABON</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I > 6 months
<p>GAMBIA</p>		II > 1 year	I > 1 year
<p>GERMAN DEMOCRATIC REPUBLIC (EAST)</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in the German Democratic Republic:</p> <p>Americas: USA, Canada, Cuba Asia: Japan, Mongolia, North Korea, North Viet- Nam Europe: All countries Oceania: All countries</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I
<p>GERMANY, FEDERAL REPUBLIC OF (WEST)</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in the Federal Republic of Germany:</p> <p>Americas: All countries Caribbean: All countries Africa: Canary Islands, Madeira Europe: All countries Asia: Cyprus, Turkey Oceania: All countries</p> <p style="text-align: right;"><i>(Continued next page)</i></p>			I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>GERMANY, FEDERAL REPUBLIC OF (WEST) (Continued)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			
GHANA		I > 1 year	I > 1 year
GIBRALTAR			II > 3 months
<p>GILBERT AND ELLICE ISLANDS</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days prior to departure for the Gilbert and Ellice Islands:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Tonga, Western Samoa</p>		II > 1 year	I
<p>GREECE</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia</p> <p>Asia: Cyprus, Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>	II > 6 months	II > 6 months	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>GREENLAND</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Greenland:</p> <p>Americas: USA, Canada Europe: All countries Africa: Canary Islands, Madeira, Morocco</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			I
<p>GRENADA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Belize, Bermuda, Guyana</p> <p>Caribbean: Antigua, Bahamas, Barbados, British Virgin Islands, Cayman Islands, Dominica, Jamaica, St. Kitts-Nevis-Anguilla, St. Lucia, St. Vincent, Trinidad and Tobago</p>			I
<p>GUADELOUPE</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries Europe: All countries Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>NO Certificate is required from sea travelers who have left an infected area or a country NOT listed above more than 14 days before arriving in Guadeloupe.</p>		II > 1 year	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
GUAM Smallpox – A Certificate is ALSO required from travelers who within the preceding 14 days have been in a country any part of which is infected.			II
GUATEMALA			I
GUERNSEY, ALDERNEY AND SARK			II
GUINEA Cholera – A Certificate is ALSO required from travelers arriving from all countries any parts of which are infected.	II	II > 1 year	I > 1 year
GUYANA Yellow fever – A Certificate is ALSO required from travelers arriving from: Americas: Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Honduras, Nicaragua, Panama, Peru, Surinam, Venezuela Africa: Angola, Burundi, Cameroon, Central African Republic, Chad, Congo, Dahomey, Ethiopia, Gabon, Gambia, Ghana, Guinea, Kenya, Liberia, Mali, Niger, Nigeria, Portuguese Guinea, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Somali, Togo, Uganda, United Republic of Tanzania, Upper Volta, Zaire		II	I > 3 months
HAITI Smallpox – Except that NO Certificate is required from travelers arriving directly from: Americas: USA		II	I
HONDURAS		II	I > 1 year
HONG KONG			I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>HUNGARY</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 15 days before arriving in Hungary:</p> <p>America: USA, Canada Europe: All countries Asia: Mongolia, Turkey</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			I
<p>ICELAND</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Iceland:</p> <p>Americas: USA, Canada Europe: All countries Africa: Canary Islands, Madeira, Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I
<p>INDIA</p> <p>Cholera – A Certificate is required ONLY from travelers proceeding to countries which require a Certificate. India recommends vaccination.</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from:</p> <p>Americas: Belize, Bolivia, Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Guyana, Honduras, Nicaragua, Panama, Peru, Surinam, Trinidad and Tobago, Venezuela</p> <p>Africa: Angola, Botswana, Burundi, Cameroon, Central African Republic, Chad, Congo, Dahomey, Equatorial Guinea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Malawi, Mali, Mauritania, Niger, Nigeria, Portuguese Guinea, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Somali, Sudan (south of 15° N), Togo, Uganda,</p>		II	I

(Continued next page)

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>INDIA (Continued)</p> <p>United Republic of Tanzania, Upper Volta, Zaire, Zambia</p> <p>Any person (including infants) who arrives without a Certificate will be isolated up to 6 days if he arrives within 6 days of departure from or transit through an infected area.</p>			
<p>INDONESIA</p>		II	I > 1 year
<p>IRAN</p> <p>Cholera – A Certificate is ALSO required from travelers arriving from:</p> <p>Asia: Afghanistan, Bahrain, Bangladesh, Burma, India, Iraq, Malaysia, Pakistan, Philippines, Saudi Arabia, Singapore, Thailand, Viet-Nam (South)</p> <p>Africa: Malawi</p> <p>Europe: Portugal</p> <p>A Certificate is ALSO required from travelers who have been in an infected area in transit.</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zones (see pp. pp. 50-51).</p>	II > 6 months	II > 1 year	I
<p>IRAQ</p>	II > 6 months	II	I > 1 year
<p>IRELAND</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Madeira, Libyan Arab Republic, Morocco, Reunion, Tunisia</p>			I > 1 year

(Continued next page)

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>IRELAND (Continued)</p> <p>Asia: Israel, Japan, (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>ISLE OF MAN</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>ISRAEL</p> <p>Smallpox – A Certificate is ALSO required from travelers arriving from all countries any parts of which are infected.</p> <p>ITALY</p> <p>Cholera – A Certificate is ALSO required from travelers arriving from:</p> <p>Africa: Guinea</p> <p>A Certificate is ALSO required from travelers arriving from all countries any parts of which are infected.</p> <p style="text-align: right;"><i>(Continued next page)</i></p>			<p>I > 1 year</p> <p>II</p> <p>I</p>

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>ITALY (Continued)</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			
<p>IVORY COAST</p>		I > 1 year	I
<p>JAMAICA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, Cuba</p> <p>Caribbean: Aruba, Bahamas, Barbados, British Virgin Islands, Curacao, Grenada, Trinidad and Tobago</p>		II > 1 year	I > 6 months
<p>JAPAN</p>			I
<p>JERSEY</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p>			I > 1 year
(Continued next page)			

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
JERSEY (Continued)			
Caribbean: All countries			
Europe: All countries			
Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia			
Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey			
Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)			
However, a Certificate will be required from travelers arriving from any smallpox infected area.			
JORDAN			II
KENYA		II > 1 year	I
Yellow fever – A Certificate is ALSO required from arrivals from the endemic zones (see pp. 50-51).			
KHMER REPUBLIC (formerly CAMBODIA)			I
KOREA, REPUBLIC OF			II
KUWAIT		II > 1 year	I > 3 months
LAOS		II	I
LEBANON		II <i>by air</i>	I
LESOTHO		II	I > 13 months
LIBERIA		I	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>LIBYAN ARAB REPUBLIC</p> <p>Yellow fever – Children under one year of age may be subject to isolation or surveillance.</p> <p>Smallpox – Except that NO Certificate is required from children under one year of age arriving from a non-infected country.</p>		II > 1 year	I
<p>LIECHTENSTEIN</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Canada Europe: All countries Africa: Algeria, Egypt, Libyan Arab Republic, Morocco, Tunisia Asia: Israel, Jordan, Lebanon, Syrian Arab Republic, Turkey Oceania: All countries</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I > 1 year
<p>LUXEMBOURG</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 15 days before arriving in Luxembourg:</p> <p>Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam Caribbean: All countries Europe: All countries Africa: Algeria, Canary Islands, Egypt, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
MACAO		II > 1 year	I > 3 months
MADAGASCAR	II > 6 months	II > 1 year	I > 3 months
MADEIRA Yellow fever – Except that NO Certificate is required from travelers in transit at Funchal and Porto Santo.		II > 1 year	II > 6 months
MALAWI		II	I
MALAYSIA		II > 1 year	I > 6 months
MALDIVES	I	II	I
MALI Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected country and stay less than 2 weeks.		I	I
MALTA Cholera – Children under 6 months of age may be subject to isolation or surveillance. Yellow fever – Children under 6 months of age may be subject to isolation or surveillance. Smallpox – Except that NO Certificate is required from travelers arriving from: Americas: USA, Canada Europe: All countries Oceania: All countries However, a Certificate will be required from travelers arriving from any smallpox infected area.	II > 6 months	II > 6 months	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>MARTINIQUE</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>NO Certificate is required from sea travelers who have left an infected area or a country NOT listed above more than 14 days before arriving in Martinique.</p>		<p>II > 1 year</p>	I
<p>MAURITANIA</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected territory and stay less than 2 weeks.</p>		<p>I > 1 year</p>	I
<p>MAURITIUS</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from the endemic zones (see pp. 50-51).</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Africa: Reunion</p>		<p>II > 1 year</p>	I
<p>MEXICO</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Mexico.</p> <p>Americas: USA, Canada</p>		<p>II > 6 months</p>	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
MONACO NO vaccinations are required.			
MONGOLIA			I
MONTSERRAT		II	I > 1 year
MOROCCO Smallpox – Except that NO Certificate is required from travelers arriving from: Americas: All countries Caribbean: All countries Europe: All countries Oceania: All countries			I
MOZAMBIQUE Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 15 days.		I > 1 year	I > 3 months
NAMIBIA Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zone in Africa (see p. 51). Children under one year of age may be subject to surveillance. They may not proceed to Natal or to the Lowveld of the Transvaal within 6 days of leaving an infected area.	II <i>by air</i>	II > 1 year	I
NAURU Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for Nauru: Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, New Caledonia, New Guinea-Papua, New Hebrides, New Zealand, Niue, Norfolk Island, Tokelau Islands, Tonga, Western Samoa	II > 1 year	II > 1 year	I > 6 months

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
NEPAL		II	I
NETHERLANDS Smallpox – Except that NO Certificate is required from travelers arriving from: Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam Caribbean: All countries Europe: All countries Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights) Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights) However, a Certificate will be required from travelers arriving from any smallpox infected area.		I	
NETHERLANDS ANTILLES Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in the Netherlands Antilles: Americas: USA, Bermuda, Canada, Canal Zone, French Guiana, Greenland, Mexico, St. Pierre and Miquelon, Surinam Caribbean: Bahamas, British Virgin Islands, Guadeloupe, Jamaica, Martinique, Puerto Rico, Virgin Islands (USA) Europe: All countries Africa: Canary Islands, Madeira, Reunion Oceania: All countries However, a Certificate will be required from travelers arriving from any smallpox infected area.		II > 6 months	I > 3 months

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>NEW CALEDONIA AND DEPENDENCIES</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for New Caledonia:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Nauru, New Hebrides, New Zealand, Tonga, Western Samoa</p> <p>Typhoid – New Caledonia recommends vaccination.</p>		II	I
<p>NEW GUINEA</p> <p>Cholera – Except that NO Certificate is required from travelers who have been resident in the following countries for 6 days before arriving in New Guinea:</p> <p>Oceania: American Samoa, Australia, Australian Antarctic Territories, British Solomon Islands Protectorate, Cook Islands, Fiji, Gilbert and Ellice Islands Colony, Lord Howe Island, Nauru, New Caledonia, New Hebrides, New Zealand, Norfolk Island, Papua, Society Archipelago, Tonga, Western Samoa</p> <p>However, a Certificate will be required from travelers arriving from any cholera infected area.</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in New Guinea:</p> <p>Oceania: American Samoa, Australia, Australian Antarctic Territories, British Solomon Islands Protectorate, Cook Islands, Fiji, Gilbert and Ellice Islands Colony, Lord Howe Island, Nauru, New Caledonia, New Hebrides, New Zealand, Norfolk Island, Papua, Society Archipelago, Tonga, Western Samoa</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>	I > 1 year	II	I > 1 year

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>NEW HEBRIDES</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in New Hebrides:</p> <p>Oceania: American Samoa, Australia, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands Colony, Hawaii, Lord Howe Island, Nauru, New Caledonia, New Guinea-Papua, New Zealand, Niue and Norfolk Islands, Solomon and Tokelau Islands, Tonga, Western Samoa</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>		II > 1 year	I > 1 year
<p>NEW ZEALAND</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days prior to arriving in New Zealand:</p> <p>Americas: USA, Canada Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Hawaii, Nauru, New Caledonia, New Hebrides, Niue, Norfolk and Tokelau Islands, Tonga, Western Samoa</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>A Certificate is ALSO required from travelers arriving by sea from:</p> <p>Americas: All South American countries Asia: All countries</p>			I <i>by air</i> > 3 months
<p>NICARAGUA</p>			I
<p>NIGER</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 15 days. Niger recommends vaccination.</p>		I > 1 year	I > 6 months
<p>NIGERIA</p> <p>Cholera – Nigeria recommends vaccination.</p>		I	I > 3 months

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>NORWAY</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Norway:</p> <p>Americas: USA, Canada Europe: All countries Africa: Canary Islands, Madeira, Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I > 1 year
<p>OMAN</p>		II	I
<p>PACIFIC ISLANDS, TRUST TERRITORY OF USA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, possessions and territories</p>		II > 6 months	I
<p>PAKISTAN</p> <p>Cholera – Pakistan recommends vaccination.</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from or transiting countries in the endemic zones (see pp. 50-51).</p>		II	I
<p>PANAMA</p>			I
<p>PAPUA</p> <p>Cholera – Except that NO Certificate is required from travelers who have been resident in the following countries for 6 days before arriving in Papua:</p> <p>Oceania: American Samoa, Australia, Australian Antarctic Territories, British Solomon Islands Protectorate, Cook Islands, Fiji, Gilbert and Ellice Islands Colony, Lord Howe Island, Nauru, New Caledonia, New Guinea, New Hebrides, New Zealand, Norfolk Island, Society Archipelago, Tonga, Western Samoa</p>	I > 1 year	II	I > 1 year

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EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>PAPUA (Continued)</p> <p>However, a Certificate will be required from travelers arriving from any cholera infected area.</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Papua:</p> <p>Oceania: American Samoa, Australia, Australian Antarctic Territories, British Solomon Islands Protectorate, Cook Islands, Fiji, Gilbert and Ellice Islands Colony, Lord Howe Island, Nauru, New Caledonia, New Guinea, New Hebrides, New Zealand, Norfolk Island, Society Archipelago, Tonga, Western Samoa</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			
PARAGUAY		II	I > 6 months
PERU		II > 6 months	I > 6 months
PHILIPPINES		II > 1 year	I
<p>Yellow fever – Children under one year of age arriving from infected areas are subject to isolation or surveillance.</p>			
PITCAIRN ISLAND		II <i>by air</i> > 1 year	I <i>by air</i>
<p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for Pitcairn Island:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, French Polynesia, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Tonga, Western Samoa</p> <p>A Certificate is ALSO required from arrivals by sea from:</p> <p>Asia: Bangladesh, India, Pakistan</p>			

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>POLAND</p> <p>Smallpox – Except that NO Certificate is required from children under 10 months of age who have not been in an infected area during the 14 days before arriving in Poland:</p> <p>NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Poland:</p> <p>Americas: USA, Canada Europe: All countries Africa: Morocco</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			I
<p>PORTUGAL</p> <p>Yellow fever – A Certificate is required ONLY from travelers arriving from infected areas who are destined for the Azores and Madeira.</p>		II > 1 year	II > 6 months
<p>PORTUGUESE GUINEA</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I > 3 months
<p>PORTUGUESE TIMOR</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I > 3 months
<p>PUERTO RICO</p> <p>Yellow fever – Puerto Rico recommends vaccination for travel to infected areas.</p> <p>Smallpox – A Certificate is ALSO required from travelers who within the preceding 14 days have been in a country any part of which is infected.</p>			II
<p>QATAR</p>		II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>REUNION</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam</p> <p>Caribbean: All countries</p> <p>Europe: All countries</p> <p>Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Tunisia</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>NO Certificate is required from sea travelers who have left an infected area or a country NOT listed above more than 14 days before arriving in Reunion.</p>		II > 1 year	I
<p>RHODESIA</p>		II	I
<p>ROMANIA</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Romania:</p> <p>Americas: USA, Canada</p> <p>Europe: All countries</p> <p>Asia: China (Peking), Mongolia, North Korea, Turkey</p> <p>Oceania: Australia</p> <p>However, a Certificate will be required from arrivals from these countries if any part is infected with smallpox.</p>			I
<p>RWANDA</p> <p>Typhoid – Rwanda recommends vaccination.</p>		II > 1 year	I > 6 months
<p>RYUKYU ISLANDS</p> <p>(No official information has been received. These recommendations are made.)</p>	II	II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
SAINT HELENA			I
SAINT KITTS-NEVIS-ANGUILLA Smallpox – Except that NO Certificate is required from travelers arriving from: Americas: USA, Belize, Bermuda, Canada, Guyana Caribbean: Antigua, Bahamas, Barbados, British Virgin Islands, Cayman Islands, Dominica, Grenada, Jamaica, Montserrat, St. Lucia, St. Vincent, Trinidad and Tobago However, a Certificate will be required from travelers arriving from any smallpox infected area.		II > 1 year	I > 3 months
SAINT LUCIA Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zones (see pp. 50-51). Smallpox – Except that NO Certificate is required from travelers arriving from: Americas: USA, Canada Caribbean: Antigua, Barbados, British Virgin Islands, Dominica, Grenada, Montserrat, St. Kitts, St. Vincent However, a Certificate will be required from travelers arriving from any smallpox infected area.		II > 1 year	I
SAINT PIERRE AND MIQUELON Smallpox – Except that NO Certificate is required from travelers arriving from: Americas: USA, Bermuda, Canada, Greenland, Guyana, Mexico, Surinam Caribbean: All countries Europe: All countries Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Tunisia			I
<i>(Continued next page)</i>			

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>SAINT PIERRE AND MIQUELON (Continued)</p> <p>Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey</p> <p>Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights)</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p> <p>NO Certificate is required from sea travelers who have left an infected area or a country NOT listed above more than 14 days before arriving in Saint Pierre and Miquelon.</p>			
<p>SAINT VINCENT</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Bermuda, Canada</p> <p>Caribbean: Antigua, Barbados, Bahamas, British Virgin Islands, Cayman Islands, Dominica, Grenada, Guadeloupe, Jamaica, Martinique, Montserrat, Netherlands Antilles, St. Kitts-Nevis-Anguilla, St. Lucia, Trinidad and Tobago</p>			I > 3 months
<p>SAMOA, AMERICAN</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA</p> <p>Oceania: Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Niue and Tokelau Islands, Pacific Islands-Trust Territory of the USA, Tonga, Western Samoa</p> <p>However, a Certificate is required from travelers arriving from any smallpox infected area.</p>		II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>SAMOA, WESTERN</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for Western Samoa:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Tonga</p>		II >1 year	I
<p>SAO TOME AND PRINCIPE</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I >1 year	I >3 months
<p>SAUDI ARABIA</p> <p>Cholera – During the period of mass congregations, usually early November to early February, a Certificate showing a single dose of vaccine administered not less than 1 week and not more than 3 months before arriving in Saudi Arabia is required from all travelers. In addition, travelers arriving from countries any parts of which are infected or endemic are required to possess: (i) a certificate showing that, before arriving in Saudi Arabia, they have spent 5 days in a cholera-free area in their countries which should be designated by health authorities and notified in advance to Saudi Arabia Health Authorities (time spent on board a vessel may be considered as a period spent in a cholera-free area provided no case appears on board); (ii) a certificate from local health authorities showing that arrivals have taken adequate doses of tetracycline or any substitute antibiotic for 4 subsequent days immediately before leaving the local infected area or during their stay in the cholera-free area.</p> <p>During the period from 24 January 1974 to 16 October 1974, a Certificate is ALSO required from travelers arriving from all countries any parts of which are infected.</p> <p>Yellow fever – A Certificate is ALSO required from arrivals from countries any parts of which are infected and ALSO from countries in the endemic zones (see pp. 50-51).</p>	II	II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>SENEGAL</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I > 6 months
<p>SEYCHELLES</p>		II > 1 year	I
<p>SIERRA LEONE</p>		I > 1 year	I
<p>SINGAPORE</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zones (see pp. 50-51).</p>		II	I > 1 year
<p>SOLOMON ISLANDS, BRITISH PROTECTORATE</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for the Solomon Islands:</p> <p>Oceania: American Samoa, Australia, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Tonga, Western Samoa</p>		II <i>by air</i>	I
<p>SOMALI</p> <p>Yellow fever – Except that NO Certificate is required from travelers arriving and remaining in Berbera or Hargeisa.</p>		II	I
<p>SOUTH AFRICA</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from countries in the endemic zone in Africa (see p. 51).</p> <p>Children under one year of age are subject to surveillance. They may not proceed to Natal or to the Lowveld of the Transvaal within 6 days of leaving an infected area.</p>		II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>SPAIN</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for more than 14 days before arriving in Spain:</p> <p>Americas: USA, Puerto Rico, Canada Europe: All countries Africa: Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I by air > 6 months
<p>SPANISH SAHARA</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for more than 14 days before arriving in Spanish Sahara:</p> <p>Americas: USA, Puerto Rico, Canada Europe: All countries Africa: Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I by air > 6 months
<p>SRI LANKA (formerly CEYLON)</p>		II > 1 year	I
<p>SUDAN</p>		I > 1 year	I
<p>SURINAM</p>		II	I
<p>SWAZILAND</p>	II	II	I
<p>SWEDEN</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in Sweden:</p> <p>Americas: USA, Canada Europe: All countries Africa: Canary Islands, Madeira, Morocco</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>SWITZERLAND</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Canada Europe: All countries Africa: Algeria, Egypt, Libyan Arab Republic, Morocco, Tunisia Asia: Israel, Jordan, Lebanon, Syrian Arab Republic, Turkey Oceania: All countries</p> <p>However, a Certificate will be required from travelers arriving from any smallpox infected area.</p>			I > 1 year
<p>SYRIAN ARAB REPUBLIC</p>		II	I > 6 months
<p>TANZANIA, UNITED REPUBLIC OF</p> <p>Typhoid – Tanzania recommends vaccination.</p>		II > 1 year	I
<p>THAILAND</p>	II > 1 year	II > 1 year	I
<p>TOGO</p> <p>Yellow fever – Except that NO Certificate is required from travelers who arrive from a non-infected area and stay less than 2 weeks.</p>		I > 1 year	I > 1 year
<p>TONGA</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before departure for Tonga:</p> <p>Oceania: American Samoa, Australia, British Solomon Islands, Cook Islands, Fiji, French Polynesia, Gilbert and Ellice Islands, Nauru, New Caledonia, New Hebrides, New Zealand, Niue, Norfolk and Tokelau Islands, Western Samoa</p> <p>NO Certificate is required from children under 6 months of age who have been resident in a non-infected country for 15 days before arriving in Tonga.</p>		II > 1 year	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>TRINIDAD AND TOBAGO</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA and territories, Bermuda, Canada Caribbean: Antigua, Bahamas, Barbados, British Virgin Islands, Dominica, Grenada, Jamaica, St. Kitts-Nevis-Anguilla, St. Lucia, St. Vincent</p> <p>Yellow fever – A Certificate is ALSO required from travelers arriving from all countries any parts of which are infected.</p>		II > 1 year	I
<p>TUNISIA</p>		II > 1 year	II > 1 year
<p>TURKEY</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: All countries Caribbean: All countries Africa: Morocco Europe: All countries Oceania: All countries</p>			I
<p>UGANDA</p>		II > 1 year	I
<p>UNION OF SOVIET SOCIALIST REPUBLICS</p> <p>Smallpox – Except that NO Certificate is required from travelers who have been resident in the following countries for 14 days before arriving in USSR:</p> <p>Americas: USA, Canada Europe: All countries Asia: Mongolia, Turkey</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected.</p>			I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
UNITED ARAB EMIRATES (formerly TRUCIAL SHEIKHDOMS)		II	I > 3 months
UNITED KINGDOM Smallpox – Except that NO Certificate is required from travelers arriving from: <ul style="list-style-type: none"> Americas: USA, Bermuda, Canada, French Guiana, Greenland, Guyana, Mexico, St. Pierre and Miquelon, Surinam Caribbean: All countries Europe: All countries Africa: Algeria, Canary Islands, Libyan Arab Republic, Madeira, Morocco, Reunion, Tunisia Asia: Israel, Japan (by trans-polar, trans-Pacific, or trans-Siberia flights), Turkey Oceania: Australia and New Zealand (by trans-polar, trans-Pacific, or trans-Siberia flights) However, a Certificate will be required from travelers arriving from any smallpox infected area.			I > 1 year
UNITED STATES OF AMERICA Yellow fever – The United States recommends vaccination for travel to infected areas. Smallpox – A Certificate is ALSO required from travelers who within the preceding 14 days have been in a country any part of which is infected.			II
UPPER VOLTA		I > 1 year	I
URUGUAY			I > 1 year
VENEZUELA			I > 6 months
VIET-NAM, SOUTH Cholera – Viet-Nam recommends vaccination.		II <i>by air</i> > 1 year	I > 6 months

EXPLANATION OF CODES

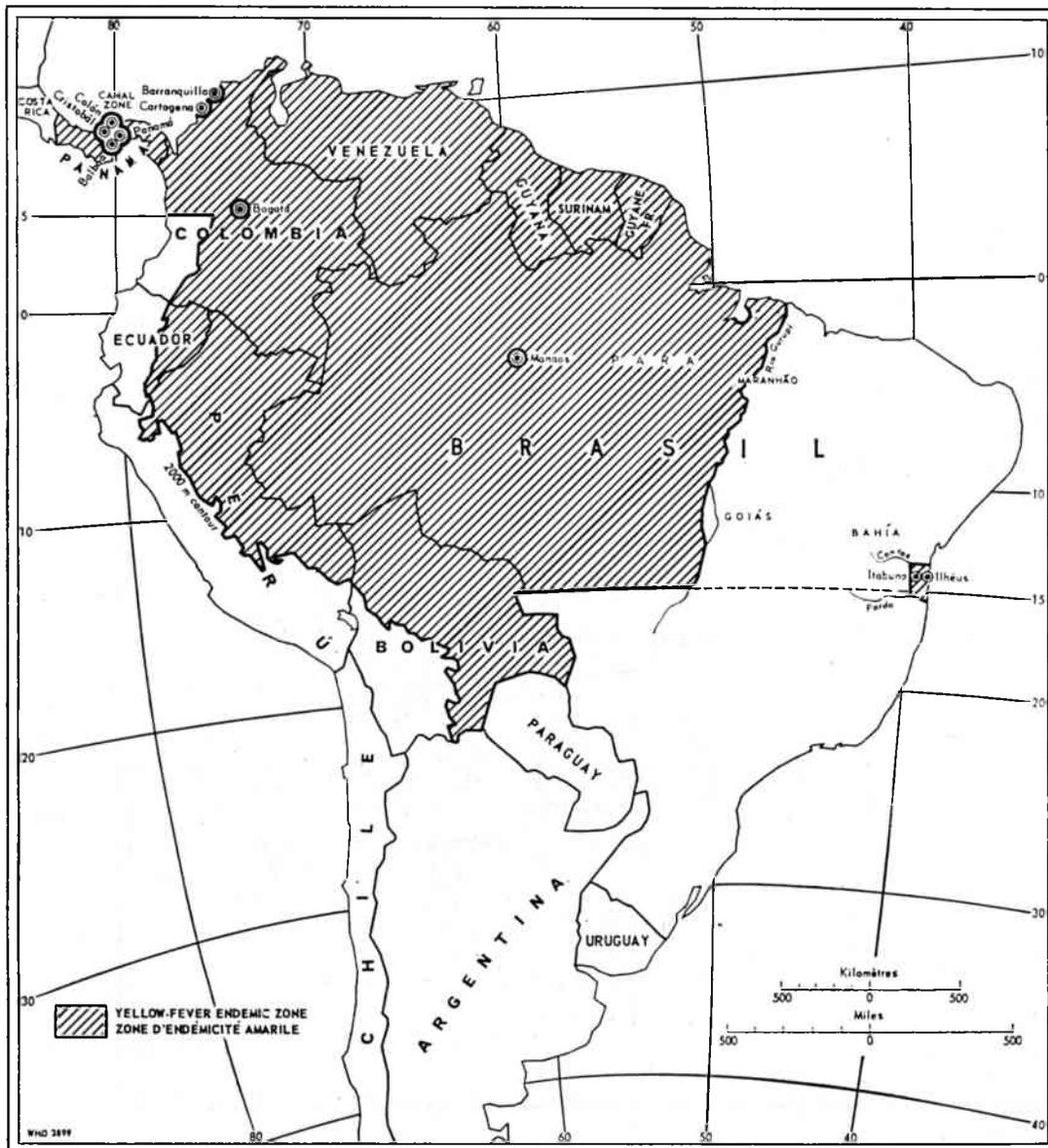
- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

Country (Read all notes carefully)	Vaccinations Required by the Country		
	Cholera	Yellow Fever	Smallpox
<p>VIRGIN ISLANDS (USA)</p> <p>Yellow fever – The Virgin Islands recommends vaccination for travel to infected areas.</p> <p>Smallpox – A Certificate is ALSO required from travelers who within the preceding 14 days have been in a country any part of which is infected.</p>			II
<p>WAKE ISLAND</p> <p>Smallpox – A Certificate is ALSO required from travelers who within the preceding 14 days have been in a country any part of which is infected.</p>			II
<p>YEMEN</p>		II > 1 year	I
<p>YEMEN, DEMOCRATIC</p>		II > 1 year	I
<p>YUGOSLAVIA</p> <p>Smallpox – Except that NO Certificate is required from travelers arriving from:</p> <p>Americas: USA, Canada Europe: All countries Africa: Algeria, Egypt, Libyan Arab Republic, Morocco, Tunisia Asia: Israel, Japan, Lebanon, Turkey Oceania: All countries</p> <p>However, a Certificate will be required from travelers arriving from these countries if any part is infected with smallpox.</p>			I
<p>ZAIRE</p> <p>Yellow fever – A Certificate is required ONLY from travelers from infected areas arriving in or destined for that part of Zaire south of 10°S. Zaire recommends vaccination.</p> <p>Typhoid – Zaire recommends vaccination.</p>		II > 1 year	I > 3 months
<p>ZAMBIA</p>		II	I

EXPLANATION OF CODES

- I Vaccination Certificate required of arrivals from all countries EXCEPT as indicated in notes for individual countries.
- II Vaccination Certificate required of arrivals from infected areas EXCEPT as indicated in notes for individual countries.
- > Older than

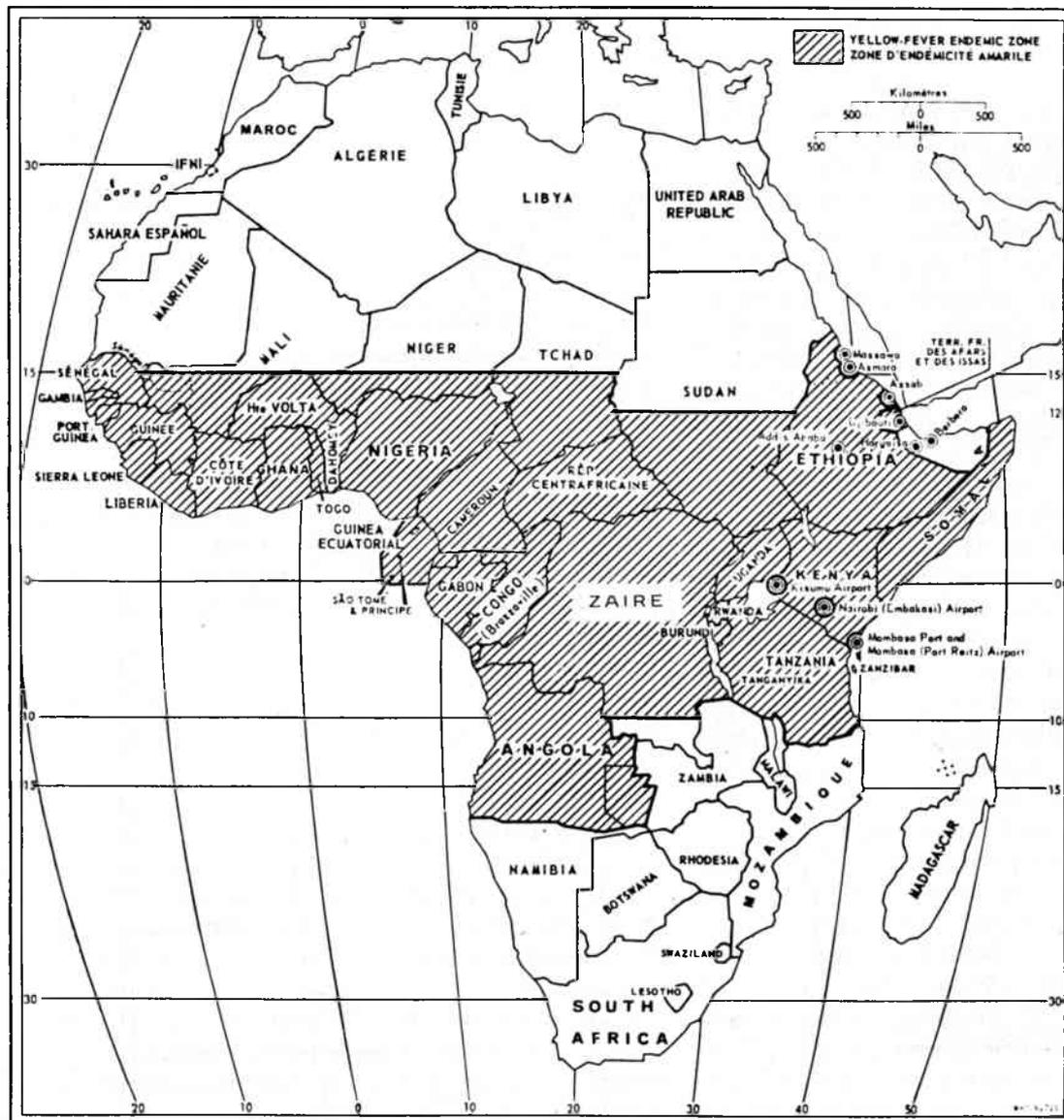
YELLOW FEVER ENDEMIC ZONE AMERICAS



NOTE: Although the "yellow fever endemic zones" are no longer included in the Regulations, a number of countries (most of them being not bound by the Regulations or bound with reservations) consider these zones as infected areas and require an International Certificate of Vaccination against Yellow Fever from travelers arriving from those areas. The above map has therefore been included in this publication for practical reasons.

YELLOW FEVER ENDEMIC ZONE

AFRICA



NOTE: Although the "yellow fever endemic zones" are no longer included in the Regulations, a number of countries (most of them being not bound by the Regulations or bound with reservations) consider these zones as infected areas and require an International Certificate of Vaccination against Yellow Fever from travelers arriving from those areas. The above map has therefore been included in this publication for practical reasons.

VI. United States Public Health Service Recommendations

A. Introduction

The issue of which immunizations and prophylaxis (excluding cholera, smallpox, yellow fever) should be recommended to individuals engaging in international travel is a complex one. The recommendations are concerned primarily with immunizations and prophylactic measures not required by countries but generally advisable for U.S. citizens planning to spend time in areas of the world where diseases such as poliomyelitis, typhoid fever, viral hepatitis, and malaria occur either in endemic or epidemic form and, therefore, pose a threat to their health. The plain facts are that the majority of U.S. citizens engaging in international travel probably do not need any additional immunization or prophylaxis provided that their routine immunization status is up to date according to the standards of the Public Health Service Advisory Committee on Immunization Practices (ACIP).

The extent to which advisory statements can be made specific for each country and each disease is greatly limited by the lack of reliable data. Although data on the occurrence of many of these diseases are published regularly by WHO, these figures represent only a small percentage of the total number of cases that actually occur — in fact, many countries do not report these diseases at all. Furthermore, communicable diseases are not well reported by practicing physicians, and in some countries where the number of physicians is inadequate, many cases never come to medical attention. For these reasons, any recommendations must be interpreted with care. The previous edition of this pamphlet, *Vaccination Certificate Requirements for International Travel*, Supplement to MMWR, Vol. 22, No. 17, April 18, 1973) included a complete list of all countries of the world with very specific recommendations on vaccinations and prophylaxis for prospective travelers to these countries. Although useful and generally accurate, those recommendations were necessarily somewhat arbitrary. Therefore, beginning with this pamphlet, USPHS recommendations will not be given by country but rather general guidelines for the international traveler tailored to the areas of the world to be visited and the nature and duration of travel will be presented.

In general, the risk of acquiring illness when engaging in international travel depends on the areas of

the world to be visited — travelers to generally underdeveloped countries have greater risks than those traveling to developed areas. In most developed countries, the risk to the health of the traveler will be no greater than that incurred while traveling throughout the United States. The countries of Canada, Australia, New Zealand, and the Continent of Europe can be considered in that category. In the countries of Africa, Asia, and South America and in the countries of southern North America, the South Pacific, Middle East and Far East, living conditions and standards of sanitation and hygiene vary considerably. In these areas, the risk of acquiring disease can also vary greatly. For travelers visiting primarily tourist areas on itineraries which do not include travel or visits in rural areas and consequently less risk of exposure to food or water of questionable quality, the risk of disease remains quite small and probably similar to that for travelers in the United States. Travelers who venture to smaller cities somewhat off the usual tourist routes and those who spend time in small villages or rural areas for extended periods are at greater risk of acquiring infectious diseases because of exposure to water and food of uncertain quality and closer contact with local residents who may harbor such diseases. Consequently, the added protection of booster doses of certain vaccines and prophylaxis are recommended for these individuals.

More detailed comments can be found below under Specific Recommendations for Immunization and Prophylaxis.

B. Immunizations and Prophylaxis

1. Introduction

The *Collected Recommendations of the Public Health Service Advisory Committee on Immunization Practices (ACIP)*, Supplement to the MMWR, Vol. 21, No. 25, June 24, 1972, contains complete information on use of vaccines. It is recommended that all U.S. citizens planning to engage in international travel have completed all routine and booster immunizations recommended by the ACIP for persons living in the United States. The following chart and text present in outline form information on dosage, duration of effectiveness, and recommendations for use of selected vaccines. For more detailed background, rationale, consideration of contraindications, etc., the reader should consult the ACIP recommendations directly.

2. Summary of Immunization and Prophylaxis

TABLE 1

Type	Doses	Comments	
A. May be Required by International Health Regulations (WHO):			
Smallpox	1	Certificate valid for 3 years beginning 8 days after a successful primary vaccination or on the date of revaccination	
Cholera	1	Certificate valid for 6 months beginning 6 days after 1 injection of vaccine or on the date of revaccination if within 6 months of first injection	
Yellow Fever	1	Certificate valid for 10 years beginning 10 days after primary vaccination or on the date of revaccination if within 10 years of first injection	
B. Recommended by USPHS for Certain Types of Travel:			
Typhoid Fever	Primary: 2 doses Booster: 1 every 3 years	Vaccine has been shown to protect only about 75-85% of recipients	
Poliomyelitis	Primary: 3 doses trivalent OPV Booster: 1 trivalent OPV	Effectiveness thought to be permanent after booster	
Immune Serum Globulin for protection against viral hepatitis, type A	Dosage is for intramuscular injection and depends on length of stay	Length of Stay	
	Person's Weight (lb.)		< 3 mos.
	<50	0.5 ml	1.0 ml
	50-100	1.0 ml	2.5 ml
>100	2.0 ml	5.0 ml	
Malaria Prophylaxis	Chloroquine phosphate 500 mg (300 mg base) orally once a week beginning 1 week prior to arrival, during the stay, and continuing 6 weeks after departure		

3. Specific Recommendations

a) Smallpox

All travelers going to endemic or infected areas (see page 3) should be vaccinated before departing from the United States. Continuing transmission of smallpox is believed to be limited to the following countries:

Africa – Ethiopia

Asia – Bangladesh, India, Nepal, Pakistan

Vaccination Techniques

Site of vaccination: The skin over the insertion of the deltoid muscle or the posterior aspect of the arm over the triceps muscle are the preferred sites of vaccination.

Methods of vaccination: 1) **Multiple pressure** – Chemical agents should not be used for the preparation of the skin for vaccination. If necessary, the skin can be cleansed with water. Care should be taken that the skin is dry when the vaccination is made. The needle or vaccinostyle used to perform the vaccination should be sterile. The vaccinator should ensure that the instrument has cooled before being used. A small drop of vaccine is placed on the dry, cleansed skin; and a series of pressures is made through the vaccine in an area about 1/8-inch in diameter with the side of a sharp, single-pointed, sterile needle held tangentially to the skin. For primary vaccination, 10 pressures are adequate; for

revaccination, 30 pressures should be made. The remaining vaccine should be wiped off with dry, sterile gauze. Preferably, no dressing should be applied to the site. 2) **Multiple puncture** — The vaccination site should be prepared as described above. The multiple puncture technique uses a pre-sterilized bifurcated needle which is inserted into the vaccine vial—causing a droplet of vaccine to adhere between the prongs of the needle—its presence should be confirmed visually. Touching the needle points to the skin deposits the vaccine. Holding the bifurcated needle perpendicular to the skin, punctures are made through the droplet of vaccine with strokes vigorous enough to allow a trace of blood to appear. For primary vaccination, 5 puncture strokes are adequate; for revaccination, 15 puncture strokes should be made. Any remaining vaccine should be wiped off with dry sterile gauze and no dressing applied.

Interpretation of Responses

Time of inspection: The vaccination site should be inspected 6-8 days after vaccination. The response at this time should be interpreted. **Primary vaccination:** A “successful” primary vaccination shows a typical Jennerian vesicle. If none is observed, vaccination procedures should be checked and vaccination repeated with vaccine from other lots until a successful result is obtained.

Revaccination: Two types of revaccination response are defined by the WHO Expert Committee on Smallpox, eliminating use of older terms such as “accelerated” and “immune.” They are: 1) **Major reaction** — A vesicular or pustular lesion or an area of definite palpable induration or congestion surrounding a central lesion which may be a crust or an ulcer. This reaction indicates that virus multiplication has taken place and that the revaccination is successful. 2) **Equivocal reaction** — All reactions other than “major reactions.” They may be the consequences of immunity adequate to suppress virus multiplication or may represent only allergic reactions to an inactive vaccine. If an equivocal reaction is observed, revaccination procedures should be checked and revaccination repeated with vaccine from another lot.

To validate an International Certificate of Vaccination, primary vaccinations must be examined, and the traveler revaccinated if the initial vaccination was not successful. Although examination of revaccination is not required by international regulations, health workers are strongly encouraged to examine the revaccination site and again revaccinate the traveler if a major reaction has not occurred.

b) Cholera

Cholera immunization is not routinely recommended for travelers to countries not requiring vaccination as a condition for entry.

Travelers to countries which require evidence of cholera vaccination for entry should be vaccinated before leaving the United States, ideally 1 month prior to their anticipated departure. Health authorities of some countries may require evidence of a complete primary series or a booster dose within 6 months prior to arrival when there is the threat or occurrence of epidemic cholera.

Booster injections should be given every 6 months as long as the likelihood of exposure exists. In areas where cholera only occurs in a 2-3 month “season,” protection is optimal when the booster dose is given at the beginning of the season. The primary series need never be repeated for booster doses to be effective. Table 2 summarizes the recommended doses for primary and booster immunization:

TABLE 2

Doses	Dose Volume*			
	<5 years	5-10 years	>10 years	
Primary series:				Give at least 1 week apart
1	0.1 ml	0.3 ml	0.5 ml	
2	0.3 ml	0.5 ml	1.0 ml	
Booster:	0.1 ml	0.3 ml	0.5 ml	

*For subcutaneous or intramuscular injection

c) Yellow Fever

To be acceptable for purposes of international travel, the yellow fever vaccine must be approved by the WHO and administered at a designated Yellow Fever Vaccination Center. These Centers are listed on pages 67-76.

A few countries in Africa require evidence of revaccination from all entering travelers. A number of countries require a Certificate from travelers arriving from infected areas. Some countries in Africa, French Guiana in South America, and Portuguese Timor in Asia waive the requirements for travelers coming from non-infected areas and staying less than 2 weeks.

Some countries require a traveler, even if only in transit, to have a valid International Certificate of Vaccination if he or she has been in countries either known or thought to harbor yellow fever virus. Some countries consider “yellow fever endemic zones” as infected areas and require a Certificate from travelers arriving from these areas. (see the maps on pages 50-51).

Primary vaccination consists of a single subcutaneous injection of 0.05 ml of reconstituted vaccine for both adults and children. Revaccination is required no more frequently than every 10 years.

d) Typhoid Fever

Typhoid vaccination is not required for international travel, but vaccine is recommended for persons who plan to travel, work, or reside in areas of the world that are highly endemic for typhoid. For travel to endemic areas, however, vaccination is recommended only for those who will visit or reside for extended periods in rural areas.

Vaccination is also recommended for travelers to areas which are not endemic but are having outbreaks, particularly when such outbreaks are extended in time and/or caused by strains which are resistant to the drugs usually employed in therapy. Table 3 provides information on dosage.

TABLE 3

Doses	Dose Volume*		
	<10 years	>10 years	
Primary series: 1 & 2	0.25 ml	0.50 ml	Give 4 or more weeks apart
Booster:	0.25 ml	0.50 ml	1 dose every 3 years

* For subcutaneous injection

e) Poliomyelitis

Persons traveling to tropical areas or developing countries whose plans call for visits to rural or remote sections of such countries which are off the usual tourist routes and will bring them into close contact with local residents may be at risk of exposure to poliomyelitis. To protect such travelers against infection, a single booster dose of trivalent oral polio vaccine (TOPV) is recommended for those having completed the primary series. If the traveler has not been previously immunized, the primary series is recommended as outlined in Table 4:

TABLE 4

	Doses	
Primary series:	3 (TOPV)	Give doses 1 & 2, 6 to 8 weeks apart; give dose 3, 8 to 12 months after dose 2
Booster:	1 (TOPV)	

f) Plague

Vaccination against plague is not required by any country as a condition for entry and is not recommended for travelers to most countries, even those reporting plague. Plague vaccine, however, is advisable for all persons traveling to the interior regions of Viet-Nam, Khmer Republic (formerly Cambodia), and Laos, and for all persons whose occupation brings them

into frequent and regular contact with wild rodents in plague enzootic areas of South America, Africa, or Asia. Boosters should be given every 6-12 months if individuals remain in an area where the risk of exposure persists. Primary and booster vaccination are summarized in Table 5:

TABLE 5

Doses	Dose Volume			
	<1 year	1-4 years	5-10 years	>10 years
Primary series: 1 & 2	0.01 ml	0.2 ml	0.3 ml	0.5 ml
3	0.04 ml	0.08 ml	0.12 ml	0.2 ml
Booster:	0.04 ml	0.08 ml	0.12 ml	0.2 ml

g) Typhus Fever

The potential threat of louse-borne (epidemic) typhus exists only in mountainous, highland, or other areas where a cold climate and other local conditions favor louse infestation. Vaccination may be considered for travelers to rural or remote highland areas of Ethiopia, Rwanda, Burundi, Mexico, Ecuador, Bolivia, Peru, and mountainous areas of Asia. Even in these areas, however, the risk of typhus for U.S. travelers is extremely low: No typhus case in an American traveler is known to have occurred in recent years. Vaccination against typhus is not required by any country as a condition of entry.

Typhus vaccination is suggested only for the following special risk groups:

1. Scientific investigators (e.g., anthropologists, archaeologists, or geologists), oil field and construction workers, missionaries, some government workers, and others who live in or visit areas where the disease actually occurs and who will be in close contact with the indigenous population.

2. Medical personnel, including nurses and attendants, who are providing care for patients in areas where louse-borne (epidemic) typhus occurs.

For primary immunization, 2 subcutaneous injections of vaccine are given 4 or more weeks apart using the dose volume indicated by the manufacturer for adults or for children.

Booster doses are given as a single subcutaneous injection of vaccine at intervals of 6-12 months for as long as opportunity for exposure exists, using the dose volume indicated by the manufacturer for adults or for children. The primary series need never be repeated for booster doses to be effective.

h) Immune Serum Globulin (ISG) for Protection Against Viral Hepatitis, Type A

The risk of hepatitis-A for U.S. residents traveling abroad appears to be small; it varies with living condi-

tions, the prevalence of hepatitis in the areas visited, and particularly the length of stay.

Travelers may be at no greater risk than in the United States when their travel involves ordinary tourist routes and is for less than 3 months; ISG is not routinely recommended for these travelers. However, travelers to tropical areas and developing countries who bypass ordinary tourist routes may be at greater risk of acquiring hepatitis-A. If ISG is administered, the dosage schedule shown in Table 1 (length of stay less than 3 months) should apply.

Travelers planning to stay 3 or more months in tropical areas or developing countries where hepatitis-A is common and where they may be exposed to infected persons and contaminated food and water are at greater risk of acquiring hepatitis. The dosage of ISG shown in Table 1 (length of stay 3 months or more) is recommended for them.

For persons residing abroad in tropical areas or developing countries, the risk of hepatitis appears to persist. Experience has shown that regular administration of ISG offers at least partial protection against hepatitis. It is recommended that prophylactic ISG be repeated every 4-6 months at the higher doses (length of stay 3 months or more) shown in Table 1.

i. Malaria Prophylaxis

All travelers to areas where malaria transmission occurs should use prophylactic drugs. The recommended regimen is chloroquine phosphate 500 mg (300 mg base) once a week beginning 1 week prior to arrival, during the stay in the endemic area, and continuing 6 weeks after departure.

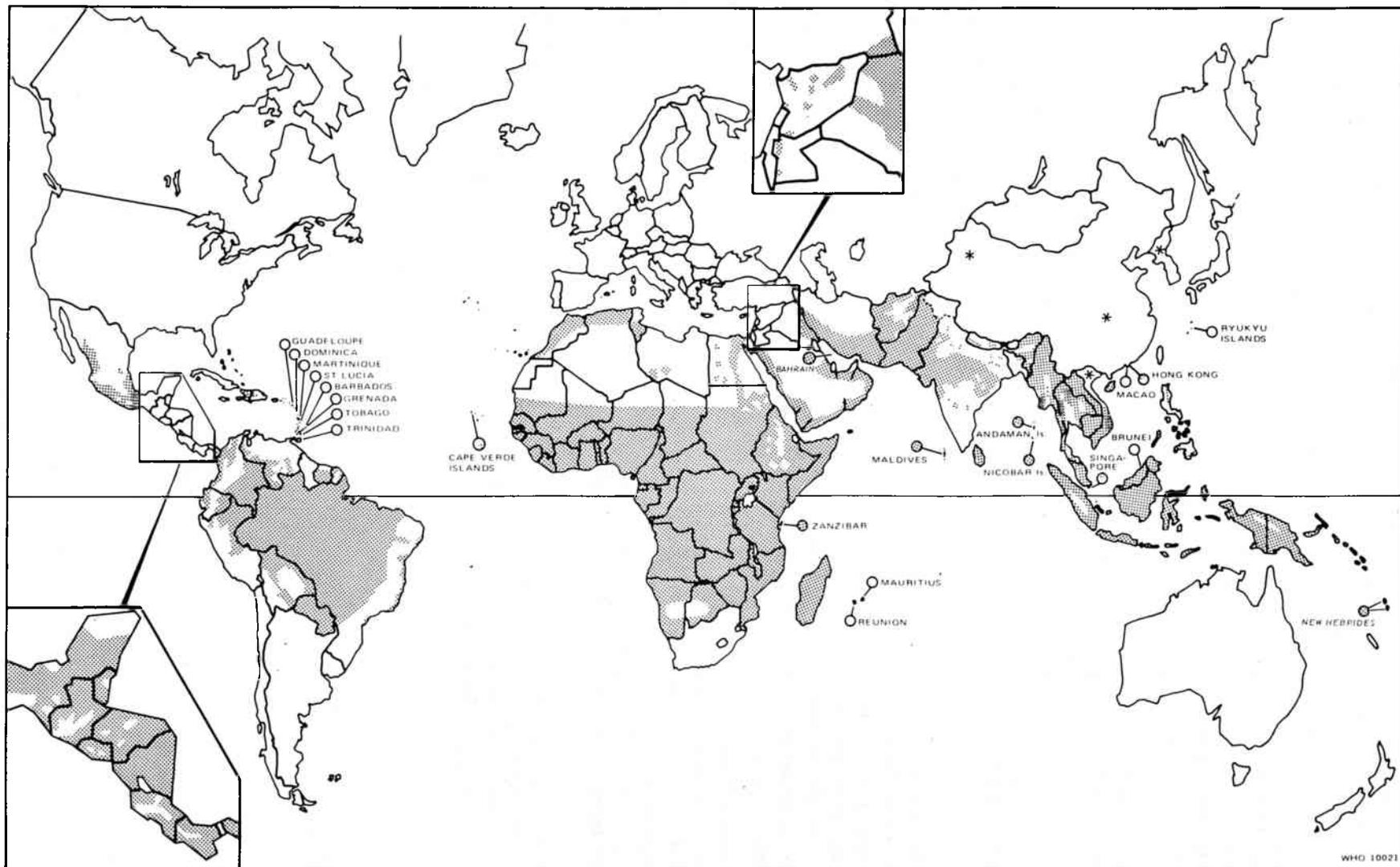
Travelers to the countries of Southeast Asia and northern South America, including Panama, should be informed that one of the types of malaria found there (*Plasmodium falciparum* malaria) may be resistant to

some of the anti-malaria drugs, including chloroquine. In these areas the same prophylaxis with chloroquine recommended above should be used. Furthermore, the traveler should be advised that because of the possibility of acquiring malaria that is resistant to chloroquine, he or she should seek medical attention without delay if a febrile illness occurs. Alternative drugs which are effective for the treatment of this type of malaria are available and treatment should be initiated as early as possible to avoid serious illness.

Travelers to malarious areas should also be informed that after leaving the area and completing the recommended prophylaxis, a delayed malaria attack sometimes occurs, within a few months but occasionally after periods of a year or more. Travelers who experience a febrile illness after departure from a malarious area should always seek medical attention and be sure to tell the physician about the travel in malarious areas so that the possibility of illness due to malaria may be considered.

Regions and countries where malaria transmission occurs or might occur are shown in the map and table which follow. The information in the table has been extracted from: "Information on Malaria Risk for International Travelers," *Weekly Epidemiological Record* 48: 25-45, 19 January 1973, and appears in 4 columns. Column 1 is headed COUNTRY, column 2 is headed MALARIA RISK, and columns 3 and 4, RISK IN URBAN AREAS and AREAS WITHOUT RISK, respectively. Note that for all the countries of North America and practically all the countries of Europe and Oceania there is no risk of malaria, and if a country in these regions does not appear in column 1 it can be assumed to have no malaria risk. If a country is malarious but there are urban or other areas of no risk within it, this is indicated in columns 3 and 4.

AREAS WHERE MALARIA TRANSMISSION OCCURS OR MIGHT OCCUR AS OF JUNE 30, 1972



57

*Status unknown

Adapted from map published in *Weekly Epidemiological Record*, No. 3, 1973

TABLE 6
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
AFRICA			
Afars & the Issas, French Terr. of	No		
Algeria	Yes	No	Oran Wilaya (=Dep.), Saida Wilaya; Frenda Daira (=Arrond.), Aflou Daira, (Tiaret Wilaya); Ain Oussera Daira, Bou-Saada Daira, Djelfa Daira, (Titteri Wilaya); Mascara Daira, Mostaganem Daira, Tighennif Daira (Mostaganem Wilaya)
Angola incl. Cabinda	Yes	NA	NA
Botswana	Yes	Yes	Ghanzi, Kgalagadi, Kweneng, Ngamiland ¹ , Ngwakeste, Ngwato ² , Tuli Block ² , D.
Brit. Indian Ocean Terr. (Chagos Arch. (formerly dependency of Mauritius) and the islands of Aldabra, Farquhar, & Des Roches (formerly dependency of Seychelles)	Yes	NA	NA
Burundi	Yes	NA	NA
Cameroon	Yes	Yes	None
Cape Verde Is.	Yes	NA	NA
Central African Rep.	Yes	Yes	None
Chad	Yes	NA	NA
Comoro Archipelago	Yes	Yes	None
Congo	Yes	Yes	None
Dahomey	Yes	Yes	None
Egypt	Yes	NA	NA
Equatorial Guinea	Yes	NA	NA
Ethiopia	Yes	NA	NA
French Southern & Antarctic Terr. (Comprising the islands of St. Paul & Amsterdam, the Kerguelen & Crozet Arch. & Adelie Coast)	No		
Gabon	Yes	Yes	None
Gambia	Yes	Yes	None
Ghana	Yes	Yes	None
Guinea	Yes	NA	NA
Ivory Coast	Yes	Yes	None
Kenya	Yes	Yes ³	None

NA = Not available

¹West of 22°E and south of 19°S

²South of 23°S

³Very low risk: Nairobi area, Central Prov., Rift Valley Prov.

Low risk: Eastern, Nyanza, Western, Coast, Prov.

Moderate risk: North Eastern Prov.

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
Lesotho	No		
Liberia	Yes	Yes	
Libyan Arab Rep.	Yes	NA	Whole country, except 2 small foci in the southwest
Madagascar	Yes	Yes ⁴	Andramasina, Antanifotsy, Arivonimamo, Imeririna-fovoany, Manjakandriana, Pref.; Nossi-Be, I.
Malawi	Yes	Yes	None
Mali	Yes	Yes	None
Mauritania	Yes	NA	NA
Mauritius	No		
Morocco	Yes	NA	NA
Mozambique	Yes	NA	NA
Namibia	Yes	NA	NA
Niger	Yes	Yes	None
Nigeria	Yes	Yes	None
Portuguese Guinea	Yes	NA	NA
Reunion	No		
Rhodesia	Yes	NA	NA
Rwanda	Yes	NA	NA
St. Helena	No		
Sao Tome & Principe	Yes	NA	NA
Senegal	Yes	Yes ⁵	None
Seychelles	No		
Sierra Leone	Yes	Yes	None
Somali	Yes	Yes ⁶	None
South Africa	Yes	NA	NA
Spanish Sahara	No		
Sudan	Yes	NA	Northern Prov. (northern part)
Swaziland	Yes	NA	Most of the country ⁷
Tanzania, United Rep. of			
Tanganyika	Yes	Yes	None
Zanzibar	Yes	NA	NA
Togo	Yes	Yes	None
Tunisia	Yes	No ⁸	Beja, Bizerte, Jendouba, Kairouan, Kasserine, Le Kef, Nabeul, Sousse, Tunis, Governorates
Uganda	Yes	Yes ⁹	Kigezi D. (southern part)
Upper Volta	Yes	Yes	None
Zaire	Yes	Yes	None
Zambia	Yes	Yes	None

NA = Not available

⁴Excl. Ambositra, Antsirabe, Tananarive

⁵Dakar, town: no risk from January through June

⁶Mogadishu: very low risk

⁷Excl. some small areas near the border. Most of the notified cases of non-local origin.

⁸Except in Gabes Governorate

⁹Except in Entebbe, Fort Portal, Jinja, Kampala, Mbale

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
AMERICAS			
Argentina	Yes	No	Most of the country, malaria risk exists only in: Oran, San Martin Dep. (Salta Prov.); Ledesma, San Pedro, Santa Barbara, Dep. (Jujuy Prov.)
Belize	Yes	Yes	None
Bermuda	No		
Bolivia	Yes	No	la Paz, Cochabamba, Santa Cruz, Oruro, Potosi, Sucre, Tarija, Trinidad, Dep.
Brazil	Yes	No ¹⁰	Alagoas, Distrito Federal, Guanabara, Paraiba, Pernambuco, Rio Grande do Norte, Rio Grande do Sul, Rio de Janeiro, Sergipe, States; Partially: Bahia, Ceara, Espirito Santo, Minas Gerais, Parana, Santa Catarina, Sao Paulo, States
Brit. Antarctic Terr. (Comprising the South Orkney Is., South Shetland Is. & Graham Land (former dependencies of Falkland Is. (Malvinas) south of 60° latitude) & the sector of Antarctic Continent between longitudes 20° W and 80° W	No		
Canada	No		
Canal Zone	No		
Caribbean ¹¹			
Dominican Rep.	Yes	No	Most of the country. Malaria risk exists only in: Dajabon, Loma de Cabrera, Municipios (Dajabon Prov.); Pepillo Salcedo Mun. (Monte Cristi Prov.); Pedernales Mun. (Pedernales Prov.); Elias Pina, Hondo Valle, Banica, Pedro Santana, Mun. (Estrelleta Prov.)
Haiti	Yes	No	Sud-Ouest Dep., part of Artibonite, Centre, Nord, Sud, Dep.
Chile	No		
Columbia	Yes	No	Bogota, Cundinamarca, Huila, Tolima, Dep., San Andres Is.
Costa Rica	Yes	No	Ciudad San Jose (San Jose Prov.); Penas Blancas, Pasos Canoas (Carretera Inter-americana)

¹⁰Except in Amazonas, Maranhao, Para, S.; Terr. Federales

¹¹If a country in the Caribbean is not listed in column 1, it can be assumed to have no malaria risk.

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
Cuba	No		
Ecuador	Yes	No ¹²	Azuay, Bolivar, Carchi, Chimborazo, Cotopaxi, Imbabura, Tungurahua, Arch. de Colon (Galapagos Is.), Zamora-Chinchipec, Prov.
El Salvador	Yes	No ¹³	None
Falkland Is. (Malvinas)	No		
French Guiana	Yes	Yes	Cayenne City
Greenland	No		
Guatemala	Yes	No	Chimaltenango, el Progreso, Guatemala, Jalapa, Sacatepequez, Solola, Totonicapan, Dep.
Guyana	Yes	No	East Berbice, West Berbice, East Demerara, West Demerara, Essequibo Is., Essequibo, Circles
Honduras	Yes	No	Ocotopeque Dep.
Mexico	Yes	No	Aguascalientes, Baja California Norte, Baja California Sur, Chihuahua, Coahuila, Distrito Federal, Durango, Guanajuato, Hidalgo, Mexico, Nuevo Leon, Queretaro, San Luis Potosi, Tamaulipas, Tlaxcala, Zacatecas, States
Nicaragua	Yes	No	None
Panama	Yes	No ¹⁴	Ciudad Panama, Ciudad Colon
Paraguay	Yes	Yes	Boqueron, Central, Concepcion, Misiones, Neembucu, Olimpo, Paraguari, Presidente Hayes, Dep.
Peru	Yes	No	Amazonas (excl. Bagua Prov.), Ancash, Apurimac, Arequipa, Ayacucho, Cajamarca (excl. Cutervo, Jaen, S. Ignacio, Prov.), Callao, Cuzco, Huancavelica, Huanuco, Ica, Junin (excl. Satipo Prov.), la Libertad, Lambayeque, Lima, Madre de Dios, Moquegua, Pasco, Piura (excl. Ayabaca, Huancabamba, Morropon, Prov.), Puno, Tacna, Tumbes, Dep.
Saint-Pierre & Miquelon	No		
Surinam	Yes	Yes ¹⁵	Commewijne, Coronie, Para, Paramaribo, D.
United States of America	No		
Uruguay	No		
Venezuela	Yes	No ¹⁶	Anzoategui, Aragua, Carabobo, Cojedes, Falcon, Guarico, Lara, Miranda Monagas, Nueva Esparta, Portuguesa, Sucre, Trujillo, Yaracuy, States; Distrito Federal, Territorio Federal Delta-Amacuro

¹²Concerning only the urban center of: Guayaquil (Guayas Prov.); Manta, Portoviejo (Manabi Prov.); Macas (Marona Prov.)

¹³Except on Acajutla, la Libertad, la Union, Usulután, Dep.

¹⁴Occasionally possible

¹⁵Except in Albina, Moengo (Marowijnje D.), Nickerie, Wageningen (Nickerie D.)

¹⁶Practically no risk

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
ASIA			
Afghanistan	Yes	NA	NA
Bahrain	Yes	NA	NA
Bangladesh	Yes	NA	NA
Bhutan	Yes	NA	NA
Brunei	No		
Burma	Yes	No ¹⁷	Rangoon Division
China	NA	NA	NA
Cyprus	No		
Hong Kong	Yes	NA	Hong Kong I., Kowloon, New Kowloon
India	Yes	Yes	Andhra Pradesh S.: Anantapur, Chittoor, Cuddappah, E. Godavari, W. Godavari, Hyderabad, Karimanj, Khammam, Krishna, Kurnool, Mahbubnagar, Medak, Nalgonda, Nellore, Nizamabad, Warangal, D. Bihar S.: Bhagalpur, Champaran, Darbhanga, Gaya, Monghyr, Muzaffarpur, Palamau, Patna, Purnea, Saharsa, Santal Parganas, Saran, Shahdol, D. Chandigarh Union Terr.: Chandigarh D. Coalfields: Dhanbad D. Delhi, Terr.: Part of: Delhi, Terr. Goa Daman & Div., Terr.: Panaji D. Haryana S.: Ambala, Jind, Karnal, D. Part of: Gurgaon, Hissar, Rohtak, D. Himachal Pradesh S.: Part of: Dharamshala, Simla, D. Jammu & Kashmir S.: Part of: Doda, Jammu, Kathua, Punch, Udhampur, D. Kerala S.: Alleppey, Cannanore, Ernakulam, Kottayam, Kozhikode, Palghat, Quilon, Trichur, Trivandrum, D. Maharashtra S.: Akola, Amravati, Kilhapur, Ratnagiri, Wardha, D. Part of: Ahmednagar, Aurangabad, Bhandara, Bhir, Buldhana, Nagpur, Nasik, Osmanabad, Parbhani, Poona, Sangli, Satara, Sholapur, Yeotmal, D. Mysore S.: Bangalore, Chikmagalur, Chitradurga, Coorg, Hassan, N. Kanara, S. Kanara, Kolar, Mandya, Tumkur, D. Part of: Belgaum, Bellary, Bijapur, Dharwar, Gulbarga, Mysore, Shimoga, D. Orissa S.: Part of Balasore, Cuttack, Puri, D. Punjab S.: Amritsar, Bhatinda, Gurdaspur, Hoshiarpur, Jullundur, Kapurthala, Ludhiana, Patiala, D. Part of: Ferozepur, Ropar, Sangrur.

NA = Not available

¹⁷Generally no risk in most urban areas

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
India (cont'd.)	Yes	Yes	Rajasthan S.: Jhunjhunu, Sikar, D. Part of: Churu, Jaipur, Nagaur, Sawai Madhopur, D. Tamil Nadu: N. Arcot, Chingleput, Coimbatore, Kanyakumari, Nilgiris, Thanjavur, Tiruchirapalli, Tirunelveli, D. Part of: South Arcot, Dharmapuri, Madras Corp., Madurai, Ramanathapuram, Salem, D. Uttar Pradesh S.: Agra, Aligarh, Azamgarh, Ballia, Bara-Banki, Budaun, Bulandshahr, Chamoli, Deoria, Etah, Etawah, Faizabad, Farrukhabad, Fatehpur, Ghazipur, Hardol, Jalaun, Jaunpur, Kanpur, Lucknow, Mainpuri, Mathura, Pratapgarh, Rae Bareilly, Sitapur, Sultanpur, Unnao, Varanasi, D. Part of: Allahabad, Almora, Bahraich, Bareilly, Basti, Bijnor, Gonda, Gorakhpur, Meerut, Moradabad, Mazaffarnagar, Pauri, Saharanpur, Shahjahanpur, D.
Indonesia	Yes	Yes ¹⁸	Djakarta-Raya, Surabaya, Regencies
Iran	Yes	NA	NA
Iraq	Yes	NA	NA
Israel	No		
Japan	No		
Jordan	Yes	No	Whole country, except Jordan Valley and Karak Lowlands where there is some risk but normally not visited by tourists
Khmer Rep.	Yes	Yes ¹⁹	Kandal, Preyng, Svay-Rieng, Takeo (excl. Kirivong D.), Prov.; Phnom-Penh Municip.
Korea			
Dem. People's Rep.	Yes	NA	NA
Rep. of	Yes	No	Cheju-Do, Cholla-Namdo, Cholla-Pukto, Chungchong-Namdo, Chungchong-Pukto, Kangwon-Do, Kyongsang-Namdo, Prov.; Seoul Special City
Kuwait	No		
Laos	Yes	NA	Vientiane
Lebanon	No		
Macao	No		
Malaysia			
East Malaysia			
Sabah	Yes	No	Kota Kinabalu, Sandakan, Towns
Sarawak	Yes	No	None
West Malaysia	Yes	No ²⁰	Kuala Lumpur, Cap.; Georgetown (Penang State); Malacca Municipality

NA = Not available

¹⁸Outskirts only

¹⁹Except in Kirivong Town

²⁰Except in small towns near foothills

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
Maldives	Yes	No ²¹	Male I. (Cap.), Male Atoll (Kaaf)
Mongolia	No		
Nepal	Yes	Yes	Dhaulagiri Anchal (=Prov.), Karnali Anchal
Oman	Yes	NA	NA
Pakistan	Yes	Yes	None
Palestine			
Gaza Strip	Yes	NA	NA
Philippines	Yes	No ²²	Greater Manila, Baguio City, Davao City, Zamboanga City; Bohol, Catanduanes, Cebu, Leyte, Masbate, Negros (northern part), Panay, Is. Albay, Sorsogon, Prov.; plain areas of Bulacan, Nueva Ecija, Pampanga, Pangasinan, Tarlac, Prov.; Luzon (west coast of northern part)
Portuguese Timor	Yes	Yes	None
Qatar	Yes	NA	NA
Ryukyu Is.	No		
Saudi Arabia	Yes	Yes ²³	Alhasa, Arar, Jauf, Quraiya (Qurayyat), Riyadh, Tabuk, Taif, and rural parts of Jeddah, Mecca, Medina, as well as areas on the pilgrimage road and pilgrimage areas
Sikkim	Yes	NA	NA
Singapore	Yes	No	City District (southern part of island)
Sri Lanka (formerly Ceylon)	Yes	Yes	Galle, Kalutara; partially: Colombo
Syrian Arab Rep.	Yes	No	Damascus, Deir-ez-Zor, Hama, al Hasakeh, Latakia, Sweida, Tartus, sub. D. (Latakia D.)
Thailand	Yes	No ²⁴	An Thong, Maha Sarakham, Nakhon, Pathom, Nonthaburi, Pathum Thani, Phichit, Phra Nakhon, Phra Nakhon Si Ayutthaya, Samut Prakan, Smut Sakhon, Samut Songkhram, Sing Buri, Thon Buri, Prov. Part of: Buri Ram, Chachoengsao, Chai Nat, Chiang Mai, Chon Buri, Kalasin, Kanchanaburi, Khon Kaen, Lamphun, Lop Buri, Nakhon Nayok, Nakhon Ratchasima, Nakhon Sawan, Nakhon Si, Thanmarat, Narathwat, Nong Khai, Pattani, Phetchaburi, Phitsanulok, Prachin Buri, Ratchaburi, Roi Et, Saraburi, Si Sa Ket, Songkhla, Sukothai, Suphan Buri, Surat Thani, Surin, Udon Thani, Ubon Ratchathani, Uthai Thani, Uttaradit, Prov.

NA = Not available

²¹There are no urban agglomerations in the malarious areas except the capital city

²²Practically no risk

²³Except in Jeddah, Mecca, Medina, Qatif

²⁴In most urban areas

TABLE 6 (cont'd.)
Information on Malaria Risk by Country

Country	Malaria Risk	Risk in Urban Areas	Areas Without Risk
Turkey	Yes	No	Whole county (excl. Adiyaman, Edirne, Hakkari, Mardin, Siirt, Prov.)
United Arab Emirates	Yes	NA	NA
Viet-Nam			
Dem. Rep. of (North)	Yes	NA	NA
Rep. of (South)	Yes	No ²⁵	An-Giang, An-Xuyen, Ba-Xuyen, Chuong-Thien, Kien-Giang, Kien-Phone, Kien-Tuong, Phong-Dinh, Vinh-Long, Sa-Dec, Vinh-Long, Vung-Tau, Prov.
Yemen	Yes	Yes	Hajja, Sada, Prov.
Yemen, Democratic	Yes	NA	NA
EUROPE *			
Greece	Yes	No	Practically the whole country; extremely limited risk exists only in: Alexandria (Hematheia-Imathia, Dep.); Propouliou (Lesbos Dep.)
Union of Soviet Socialist Reps.			
Union of Soviet Socialist Rep.	Yes	NA	NA
Byelorussian Soviet Socialist Rep.	No		
Ukrainian Soviet Socialist Rep.	No		
OCEANIA *			
New Guinea	Yes	Yes	None
New Hebrides	Yes	Yes ²⁶	None
Papua	Yes	Yes	None
Solomon Is., British	Yes	Yes	None

*If a country in Europe or Oceania is not listed in column 1, it can be assumed to have no malaria risk.

NA = Not available

²⁵Practically no risk

²⁶Except in Southern Division

4. Simultaneous Administration of Certain Vaccines

Mounting experimental evidence and in-use experience with simultaneously administered vaccines have considerably strengthened the justification for giving certain important vaccines at the same time. It appears that under most circumstances both the effectiveness and the safety of the procedure are favorable.

This knowledge is particularly helpful when circumstances such as imminent exposure to several infectious diseases, foreign travel, or limited-time access to patients call for vaccination with multiple antigens.

In general, inactivated vaccines can be administered simultaneously at separate sites.

Inactivated vaccine and live, attenuated virus vaccine can be administered simultaneously at separate

sites, keeping in mind the precautions which apply to single antigens or combination products.

Smallpox and yellow fever vaccines, once thought to be unsuitable for simultaneous administration because of virus interference, have been given at the same time at separate sites with an effectiveness and safety equal to that following their individual administration. This finding is of special importance in assuring suitable protection when preparing for international travel to areas where both vaccines are needed.

When simultaneous administration of live virus vaccines is not possible, they should be given at least 2 weeks apart; interference between the vaccine virus is most likely to occur in the interval 2 days to 2 weeks.

VII. Health Hints for the Traveler

A. **Water** is probably safe in most hotels in large cities commonly used by American travelers; however, only water from adequately chlorinated sources can be considered truly safe. In areas of the world where hygiene and sanitation are poor, the traveler should be advised that only beverages made from boiled water (tea, coffee, etc.), bottled water, bottled carbonated drinks, beer, and wine may be safe to drink. Where water is contaminated, ice must also be considered contaminated; it should also be emphasized that under these circumstances ice may serve to contaminate containers used for drinking if the ice is merely discarded and the containers not thoroughly cleaned with soap and hot water. Tap water which is uncomfortably hot to the touch is usually safe and may be used for brushing teeth as well as for drinking.

Water of uncertain purity may be made safe for drinking by the use of either heat or chemicals. If water is cloudy or not obtained directly from the tap, strain it through a clean cloth into a container to remove any sediment of floating matter; then treat with heat or chemicals as outlined below:

Heat

- 1) Boil the water vigorously for at least 1 full minute.
- 2) After cooling, the water is safe to use. Adding a pinch of salt to each quart or pouring the water from one clean container to another several times will improve the taste.

Chemicals (laundry bleach or tincture of iodine)

- 1) Liquid chlorine laundry bleach (can be purchased at grocery stores, etc.). Read the label to find the percentage of chlorine available and

follow the directions in Table 7. Liquid chlorine laundry bleach usually has 4% to 6% available chlorine.

TABLE 7

Available Chlorine	Drops* to be Added per Quart	
	Clean Water	Cloudy Water
1%	10	20
4 to 6%	2	4
7 to 10%	1	2
Unknown	10	20

*1 drop = 0.05 ml

- a) Mix thoroughly by stirring or shaking water in container.
- b) Let stand for 30 minutes.
- c) A slight chlorine odor should be detectable in the water; if not, repeat the dosage and let stand for an additional 15 minutes before using.
- d) Water is safe to use.

- 2) Tincture of Iodine (from medicine chest or first-aid kit)

TABLE 8

Tincture of Iodine	Drops* to be Added per Quart	
	Clean Water	Cloudy Water
2%	5	10

*1 drop = 0.05 ml

- a) Let stand for 30 minutes.
- b) Water is safe to use.

B. **Food** should be selected with care to avoid illness. In areas of the world where hygiene and sanitation are poor, the traveler should be advised to eat only what can be peeled or has been cooked and is still hot.

C. **The traveler should be advised to take an extra pair of glasses or lens prescription, and a card, tag, or bracelet identifying any physical condition which may require emergency care.**

D. **If a physician is needed abroad, travel agents or the American Embassy or Consulate can usually provide names of physicians or hospitals.**

E. **Drugs or medicines which the traveler must take should be accompanied by a letter from his or her physician. The traveler should be advised to carry an adequate supply of such drugs.**

VIII. UNITED STATES DESIGNATED YELLOW FEVER VACCINATION CENTERS

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
ALABAMA				Fresno	County Dept. of Health 515 South Cedar Ave. 93702 209,488-3752	By appointment 1-2 p.m. each week	No
Birmingham	Jefferson County Dept. of Health Public Health Bldg. 1912 Eighth Ave., South 35233 205,324-9571	By appointment	Yes	Hollywood	Medical Clinic for Immunization 7060 Hollywood Blvd. Suite 910 90028 213,469-6774	By appointment; Mon., Tues. and Fri., 4-5 p.m.; Wed. and Thurs., 10-11 a.m.	Yes
Mobile	Alcoa Steamship Co., Inc. 263 Saint Francis St. 36602 205,433-4578	By appointment	Yes	Loma Linda	Dept. of Preventive Medicine School of Health Loma Linda University 92354 714,796-7311 Ext. 3754	By appointment Wed., 1-2 p.m.	Yes
Mobile	National Bulk Carriers Suite 201, Milner Bldg. 36602 205,433-8448	By appointment	Yes	Los Angeles	Los Angeles Overseas Medical Centre, Suite 103 1136 West Sixth St. 90017 213,482-8383	By appointment Mon.-Sat.	Yes
Mobile	U.S. Public Health Service Outpatient Clinic 125 Federal Bldg. 36602 205,690-2261	Thurs., 1 p.m.	No	Los Angeles	White Memorial Hospital 414 North Boyle Ave. 90033 213,269-9131 Ext. 593	Mon.-Thurs., 2 p.m.	Yes
Montgomery	State Dept. of Health State Office Bldg. Room 250 36104 205,269-7603	By appointment	Yes	Napa	County Health Dept. 2281 Elm St. 94558 707,224-5433	By appointment Tues., 1:15 p.m.	Yes
ALASKA				Oakland	Thomas Reich, M.D. Physician's Office 411 30th St. 94609 415,451-8600	By appointment Tues. and Thurs., 1-2 p.m.	Yes
Anchorage	Greater Anchorage Area Borough 327 Eagle St. 99501 907,279-2511	By appointment Tues. and Thurs.	Yes	Palo Alto	Palo Alto Medical Clinic 300 Homer Ave. 94301 415,321-4121	Tues. and Wed., 12-1 p.m.; Sat. 9:15-10 a.m.	Yes
ARIZONA				Redding	Shasta County Health Dept. 2650 Hospital Lane 96001 916,241-5951	Tues., 8-10 a.m., or by appointment	Yes
Flagstaff	Coconino County Health Dept. 2500 Fort Valley Rd. 86001 602,774-0621	By appointment	Yes	Sacramento	County Health Dept. 3701 J St., Suite 209 95816 916,454-2636	By appointment; Wed. and Thurs., 1-3 p.m.	Yes
Phoenix	Maricopa County Health Dept. 1825 East Roosevelt 85006 602,258-6381 Ext. 200	Fri., 2-4 p.m.	Yes	San Bernardino	County Health Dept. 351 Mount View Ave. 92401 714,383-2016	By appointment Tues., 10 a.m.	Yes
Tucson	Pima County Health Dept. 151 West Congress 85701 602,792-8624	Fri., 2-4 p.m.	Yes	San Diego	U.S. Public Health Service Outpatient Clinic 2150 Fifth Ave. 92101 714,293-6440	By appointment Wed., 1 p.m.	No
ARKANSAS				San Francisco	Central Medical Group 10 California St. 94111 415,982-8380	By appointment	Yes
Little Rock	State Health Dept. State Health Bldg. Room 454 4815 West Markham 72201 501,661-2143	Mon., 10 a.m.	Yes	San Francisco	International Medical Center 311 California St. 94104 415,398-5300	Mon.-Fri., 8:30 a.m.- 5:30 p.m.; by appointment nights and weekends	Yes
CALIFORNIA				San Francisco	Medical Clinic San Francisco International Airport P. O. Box 8115, Central Terminal 94128 415,877-0444	Mon.-Fri., 8:30 a.m.-5:30 p.m.; Sat., 8:30 a.m.- 12 noon	Yes
Bakersfield	Kern County Health Dept. 1700 Flower St., P.O. Box 997 93302 805,325-5051	By appointment	No				
El Centro	Imperial County Health Center 935 Broadway 92243 714,352-3610	Mon. and Thurs., 1-3 p.m.	Yes				
El Segundo	Sepulveda Medical Group 815 North Sepulveda Blvd. 90245 213,772-2156	Mon.-Sun., 24 hour facility, 7 days a week	Yes				

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
San Francisco	U.S. Public Health Service Hospital 15th Ave. and Lake St. 94118 415,752-1400	Mon., Wed., and Fri., 1-3 p.m.	No	DELAWARE			
San Jose	Santa Clara County Health Dept. 2220 Moorpark Ave. 95128 408,297-1636	By appointment Thurs. morning	Yes	Delaware City	Getty Oil Co. Wrangle Hill Rd. 19706 302,834-4581 Ext. 222	By appointment	No
San Luis Obispo	County Health Dept. 2191 Johnson Ave. 93401 805,543-1200	By appointment Mon., 10-11 a.m.	Yes	Wilmington	Hercules Inc. Medical Dept. Hercules Tower 910 Market St. 19899 302,656-9811 Ext. 365	By appointment	No
San Pedro	Seafarer's Medical Center- San Pedro 593 West Sixth St. 90731 213,832-1126	By appointment	Yes	DISTRICT OF COLUMBIA			
San Pedro	U.S. Public Health Service Outpatient Clinic 825 South Beacon St. 90731 213,548-2644	Mon.-Fri., 1-2 p.m.	No	Freedmen's Hospital Sixth and Bryant Sts., N.W. 20001 202,483-1500	By appointment and Tues., 1 p.m.	Yes	
Santa Ana	Orange County Health Dept. 645 North Ross St. 92702 714,834-3171	Wed., 2 p.m.	No	International Health Services Clinic Georgetown University 3700 Reservoir Rd., N.W. 20007 202,625-7379	Mon. and Thurs., 10:30 a.m.- 12:45 p.m.	Yes	
Ventura	James M. Hunter, M.D. 1590 East Main St. 93003 805,643-9973	By appointment	Yes	U.S. Public Health Service Outpatient Clinic Fourth and C Sts., S.W. 20201 202,245-1631	Mon., Tues., Thurs., and Fri., 1:45-3 p.m.	No	
CANAL ZONE				FLORIDA			
Balboa	Community Health Center Division of Preventive Medicine Canal Zone Health Bureau Bldg. 721, P.O. Box 1572 Telephone 52-3271	By appointment	No	Bradenton	Manatee County Health Dept. 202 Sixth Ave., East 33505 813,744-3531	Fri., 2 p.m.	Yes
Margarita, Cristobal	Community Health Center Bldg. 7998, P.O. Box 5092 Telephone 43-3172	By appointment	No	Clearwater	Pinellas County Health Dept. 1180 East Cleveland St. 33515 813,442-6151	Thurs., 8 a.m.-5 p.m.	Yes
COLORADO*				Fort Lauderdale	Broward County Health Dept. 2421 S.W. Sixth Ave. 33302 305,525-6311	Thurs., 8-9 a.m.	No
Colorado Springs	City-County Health Dept. 501 North Foote 80909 303,471-7766	By appointment first and third Tues., each month, 9 a.m.	Yes	Gainesville	Alachua County Health Dept. 816 S.W. Fourth Ave. 32601 904,378-5321	Fri., 2:30 p.m.	Yes
Denver	Dept. of Health and Hospitals Disease Control Service 645 Bannock St. 80204 303,893-6171	Tues. and Thurs., 10-11 a.m.	Yes	Jacksonville	Industrial Marine Medical Services 603 North Market St. 32202 904,356-0476	By appointment	Yes
Grand Junction	Mesa County Dept. of Public Health 515 Patterson Rd. 81501 303,242-7145	By appointment Wed., 2 p.m.	Yes	Jacksonville	U.S. Public Health Service Outpatient Clinic 311 West Monroe St. 32201 904,791-3541	Thurs., 2-3 p.m.	No
CONNECTICUT				Miami	U.S. Public Health Service Outpatient Clinic 51 S.W. First Ave. Room 712 33130 305,350-5385	Tues. and Thurs., 1:30-2:30 p.m.	No
Hartford	State Dept. of Health Health Services for State Employees 10 Clinton St. 06115 203,566-4611	By appointment and Thurs., 2:30 p.m.	Yes	Pensacola	Escambia County Health Dept. 2251 North Palafox St. P. O. Box 12604 32574 904,438-8571	By appointment	No
New Haven	Health Dept. 1 State St. 06510 203,562-0151 Ext. 341	By appointment second and fourth Thurs., 10-10:30 a.m.	No	Rockledge	Brevard County Health Dept. 1744 South Cedar St. 32955 904,632-6010	By appointment Tues., 2:30-3:30 p.m.	Yes
				St. Petersburg	Pinellas County Health Dept. 500 Seventh Ave., South 33701 813,894-1184	Fri. afternoon	Yes

*See page 76 for additional listing.

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
Tallahassee	Leon County Health Dept. 2965 Municipal Way 32304 904,576-1216	By appointment	Yes	ILLINOIS*			
Tampa	U.S. Public Health Service Outpatient Clinic 601 Florida Ave. 33601 813,228-7711	Fri., 2 p.m.	No	Carbondale	Southern Illinois University Health Service 115 Small Group Housing 62901 618,453-3311	By appointment 2nd and 4th Thurs. each month, 2 p.m.	Yes
West Palm Beach	Palm Beach County Health Dept. 826 Evernia St. 33402 305,832-8561	Fri., 1-4:30 p.m.	No	Chicago	Clearing Industrial Medical Clinic 5548 West 65th St. 60638 312, 767-6600	Mon. and Thurs., 2-5 p.m.	Yes
Winter Park	Orange County Health Dept. 901 Webster Ave. 32789 (mailing address: Box 3187, Orlando 32802) 305,849-3301	Mon., 8 a.m.- 3 p.m.	Yes	Chicago	International Health Center Rush-Presbyterian-St Luke's Medical Center Professional Bldg. 452 1753 West Congress Parkway 60612 312,942-5885	Tues. and Thurs., 2-5 p.m.	Yes
GEORGIA				Chicago	United Air Lines Medical Dept. O'Hare Field, Box 66140 60666 312,686-3401	By appointment Fri., 1-2 p.m.	Yes
Atlanta	U.S. Public Health Service Outpatient Clinic 1600 Clifton Rd. 30333 404,633-3311 Ext. 3385	Tues., 10 a.m.	No	Chicago	U.S. Public Health Service Outpatient Clinic 1439 South Michigan Ave. 60605 312,353-5900	Mon. and Fri., 8:30-9:30 a.m.	No
Savannah	U.S. Public Health Service Outpatient Clinic Drayton and York Sts. 31402 912,232-4321 Ext. 384	Fri., 2 p.m.	No	Rockford	Winnebago County Dept. of Public Health 401 Division St. 61108 815,226-2560	By appointment	Yes
HAWAII				Springfield	Dept. of Public Health Jefferson West II 535 West Jefferson St. 62706 217,782-3300	By appointment Tues., 3-4 p.m.; Fri., 11 a.m.- 12 noon	No
Hilo	University of Hawaii Peace Corps Project 144 Haili St. 96720 808,935-1056	By appointment	Yes	Urbana	University of Illinois Health Service 1109 South Lincoln Ave. 61801 217,333-2716	By appointment Wed., 10:30 a.m.	Yes
Honolulu	U.S. Public Health Service Outpatient Clinic 591 Ala Moana Blvd. 96813 808,546-5674	By appointment Fri. only, 8:15-9:15 a.m.	No	INDIANA			
IDAHO				Crown Point	Lake County Health Dept. 209 West Joliet St. 46307 219,663-0760	Wed., 9-11 a.m.	Yes
Boise	Central District Health Dept. 1455 North Orchard 83706 208,375-5211	By appointment Tues., 2 p.m.	Yes	Elkhart	County Health Unit 220 W. Franklin St. 46514 219,294-2225	First and third Wed., 10-11 a.m.	Yes
Caldwell	Southwest District Health Dept. 706 Main St. 83605 208,459-0049	By appointment	Yes	Fort Wayne	Fort Wayne-Allen County Board of Public Health Fifth Floor City-County Bldg. 46802 219,423-7504	Wed., 9-10 a.m.	Yes
Lewiston	North Central District Health Dept. 1221 F St., Box 637 83501 208,746-1331 Ext. 65	By appointment Wed., 9-11 a.m.	Yes	Gary	City Health Dept. 1429 Virginia St. 46407 219,944-6766	Mon.-Fri., 9 a.m.-4 p.m.	Yes
Pocatello	Southeastern District Health Dept. 115 North Sixth St. 83201 208,232-8231 Ext. 37	Wed., 2-4 p.m.	Yes	Indianapolis	Indiana University 1100 West Michigan St. 46202 317,639-8123	Fri. morning	Yes
Twin Falls	South Central District Health Dept. 324 Second Ave., East P.O. Box HH 83301 208,734-5900	Tues. and Thurs., 1-4:30 p.m.	Yes	IOWA			
				Des Moines	Des Moines-Polk County Health Dept. East First and Des Moines Sts. 50309 515,283-4966	Thurs., 2:30 p.m.	Yes

*See page 76 for additional listing.

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
Iowa City	University Hospital Student Health Service 52240 515,356-2247	By appointment Wed., 10 a.m.	Yes	New Orleans	Browne-McHardy Clinic Carondelet Street Division 2223 Carondelet St. 70130 504,524-1605	By appointment	Yes
Sioux City	Health Dept. City Hall, P.O. Box 447 51102 712,277-2121	By appointment	No	New Orleans	Houston, Roy, Faust, and Ewin Clinic 914 Union St. 70112 504,529-4666	Mon.-Fri., 8:30 a.m.-4 p.m.; Sat., 8 a.m.- 12 noon	Yes
KANSAS				New Orleans	Ochsner Clinic 1514 Jefferson Hwy. 70121 504,834-7070	Thurs., 8-10 a.m.	Yes
Lawrence	Watkins Memorial Hospital Student Health Service University of Kansas 66044 913,843-4455	Tues., 1-2 p.m.	Yes	New Orleans	U.S. Public Health Service Hospital 210 State St. 70118 504,899-3441	Mon., Wed., and Fri., 2:30 p.m.	No
Leavenworth	City-County Health Dept. 422 Walnut St. 66048 913,682-0245	Tues. and Thurs., 1-3 p.m.	Yes	Shreveport	Caddo-Shreveport Health Unit 1866 Kings Highway 71103 318,422-9491	Tues., 3 p.m.	No
Mission	Johnson County Health Dept. 6000 Lamar 66202 913,384-1100 Ext. 262	Tues.-Fri., 9-11 a.m.,	Yes	MAINE			
KENTUCKY				Portland	U.S. Public Health Service Outpatient Clinic 331 Veranda St. 04103 617,775-3131 Ext. 210	Fri., 2-3 p.m.	No
Lexington	Lexington-Fayette County Health Dept. 330 Waller Ave. 40504 606,278-5411	By appointment	Yes	MARYLAND			
Louisville	Louisville-Jefferson County Health Dept. 400 East Gray St. 40202 502,584-5281 Ext. 200	By appointment	Yes	Baltimore	Esso Shipping Co. 3037 O'Donnell St. 21224 301,675-7211	By appointment	Yes
LOUISIANA*				Baltimore	U.S. Public Health Service Hospital 3100 Wyman Park Dr. 21211 301,338-1100	Fri., 1-2 p.m.	No
Alexandria	Alexandria-Rapides Parish Health Unit 1200 Texas Ave. 71301 318,443-5671	Mon., 1-2 p.m.	No	Cheverly	Prince Georges County Health Dept. 20785 301,773-1400 Ext. 207	By appointment Wed., 10 a.m.	No
Baton Rouge	East Baton Rouge Parish Health Unit 353 North 12th St. 70802 504,343-7416	Wed., 1-3 p.m.	Yes	Hagerstown	Washington County Health Dept. 1302 Pennsylvania Ave., Box 2067 21740 301,739-0800	By appointment Wed., 9 a.m.- 12 noon	No
Lafayette	Parish Health Unit 2100 Jefferson St. Box 51869 OCS 70501 318,232-2696	By appointment Thurs., 2-3 p.m.	No	Salisbury	Wicomico County Health Center 300 West Carroll St. 21801 301,749-1244	By appointment	Yes
Lake Charles	Calsasieu-Lake Charles Health Unit 721 Prien Lake Rd. 70601 507,478-6020	By appointment Tues., 2 p.m.	No	MASSACHUSETTS			
Maringouin	Beamon-O'Neal Clinic Box 98 70757 504,625-2313	By appointment, or Mon.-Fri., 8 a.m.-4 p.m.	Yes	Amherst	University Health Services University of Massachusetts 01002 617,545-2671	Wed., 2-3 p.m.	Yes
Marrero	West Bank Surgical Clinic 4475 Expressway 70072 504,341-3404	By appointment	Yes	Boston	Logan International Airport Medical Station of the Massachusetts General Hospital Second Floor, Tower Bldg. 02128 617,523-8200 Ext. 2641	By appointment 11 a.m.-12 noon	Yes
Monroe	Ouachita Parish Health Unit 2913 De Siard St. 71201 318,325-0454	Wed., 1-3 p.m.	No				
Morgan City	Family Medical Center 1122 Eighth St. 70380 504,384-2260	Tues. and Fri., 1:30-2:30 p.m.	Yes				

*See page 76 for additional listing.

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
Boston	Division of Communicable Diseases State Dept. of Public Health Room 606 600 Washington St. 02111 617,727-2687	By appointment Mon., 2 p.m.; Thurs., 10 a.m.	No	Traverse City	Thirby Clinic, P.C. 116 Cass St. 49684 616,946-8850	By appointment	Yes
Boston	Medical Care Associates, Inc. 1 Boylston Plaza Prudential Center 02199 617,262-1500	By appointment Mon.-Fri., 9 a.m.-5 p.m.	Yes	MINNESOTA			
Boston	U.S. Public Health Service Hospital 77 Warren St. 02135 617,782-3401	Wed. and Fri., 10-11 a.m.	No	Duluth	The Duluth Clinic 205 West Second St. 55802 218,722-8364	Fri., 11 a.m.- 12 noon	Yes
Woburn	Board of Health and Charities 44 Winn St. 01801 617,933-0700	By appointment	Yes	Minneapolis	Airport Medical Clinic 7501 26th Ave. South St. Paul-Minneapolis International Airport 55450 612,726-1771	By appointment	Yes
Worcester	Immunization Clinic Dept. of Public Health Worcester City Hospital 01608 617,798-8151	Thurs., 12:30- 2 p.m.	No	Minneapolis	University Health Service University of Minnesota 410 Church St. 55455 612,373-3739	By appointment Fri., 2 p.m.	Yes
MICHIGAN				Rochester	Mayo Clinic 200 First St., S.W. 55901 507,282-2511	By appointment Tues., 10:30 a.m.	Yes
Ann Arbor	University of Michigan Hospital Emergency-Unscheduled Area Fourth Level, Out-Patient Dept. 48104 313,764-5160	Tues., 9-11 a.m.	Yes	Rochester	Olmsted County Health Dept. 415 Fourth St., S.E. 55901 507,282-3861	By appointment	Yes
Detroit	Overseas Medical Center 828 Fisher Bldg. 48202 313,872-3770	Mon., Tues., Thurs., and Fri., 9 a.m.- 5 p.m.; Sat., by appointment only	Yes	MISSISSIPPI			
Detroit	Preventive Medicine Clinic Henry Ford Hospital 2799 West Grand Blvd. 48202 313,875-2900	Wed., 2 p.m.	Yes	Gulfport	Harrison County Health Dept. Broad and 15th Sts. 39501 601,863-1036	Mon., 3 p.m.	No
Detroit	U.S. Public Health Service Outpatient Clinic 14700 Riverside 48215 313,822-9300	Wed., 10 a.m.	No	Jackson	State Board of Health Bureau of Disease Control Felix J. Underwood State Board of Health Bldg. Room 226 39205 601,354-6650	By appointment Fri., 11 a.m.	No
Eloise	Wayne County Dept. of Health Wayne County Health Center 48132 313,274-2800 Ext. 6891	By appointment	Yes	MISSOURI			
Kalamazoo	The Upjohn Company 7171 Portage Rd. 49001 616,382-4000 Ext. 3241	By appointment	No	Columbia	University of Missouri Student Health Service 65201 314,882-7481	By appointment Mon., Wed., and Thurs.	Yes
Lansing	Ingham County Health Dept. P.O. Box 1406 403 West Greenlawn 48910 517,371-5360	By appointment second and fourth Fri., 8:30-11 a.m.	Yes	Kansas City	Personal Health Service City Health Dept. 2317 Kenwood 64108 816,274-1591	By appointment Wed., 2 p.m.	No
Midland	City-County Health Dept. 301 West Main 48640 313,835-7781	Thurs., 10 a.m.	Yes	Kansas City	Trans-World Airlines, Inc. Medical Dept. 11500 Ambassador Dr. 64153 816,464-6755	Tues. and Thurs., 3-4 p.m.	Yes
Muskegon	County Health Dept. County Bldg. 49440 616,724-6311	By appointment Thurs., 8 a.m.- 4 p.m.	Yes	Kirkville	Kirkville Osteopathic Hospital 800 West Jefferson St. 63501 816,665-4611	By appointment	Yes
				St. Louis	U.S. Public Health Service Outpatient Clinic Federal Bldg. Room 2457 1520 Market St. 63103 314,622-4851	Thurs., 1-2 p.m.	No

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
MONTANA				NEW YORK*			
Billings	Yellowstone City-County Health Dept. 1224 North 28th St. Rm. 310 406,245-3847	Fri., 1:30-4 p.m.	Yes	Albany	State Dept. of Health Dept. of Health Bldg. 84 Holland Ave. 12208 518,474-3186	Thurs., 10:30-11 a.m.	No
Bozeman	Gallatin County Health Dept. Box 639 59715 406,587-4297	By appointment	Yes	Brooklyn	Farrell Lines, Inc. Medical Dept. Pier 5, Port Authority Bldg. 11201 212,522-7150	By appointment	Yes
Missoula	City-County Health Dept. 301 Courthouse Annex 59801 406,728-4510	By appointment	Yes	Brooklyn	Medical Dept. Seafarers' Welfare Plan 674 Fourth Ave. 11232 212,965-2440	By appointment	Yes
Hamilton	U.S. Public Health Service Rocky Mountain Laboratory South Fourth St. 59840 406,363-3212	By appointment	No	Buffalo	Erie County Dept. of Health 95 Franklin St. 14202 716,846-7656	By appointment Tues.	Yes
NEVADA				Buffalo	U.S. Public Health Service Outpatient Clinic General Medical Towers 50 High St. 14203 716,842-2017	First and third Wed. each month, 10 a.m.	No
Las Vegas	Clark County District Health Dept. 625 Shadow Lane P.O. Box 4426 89106 702,385-1291	By appointment Mon., 1 p.m.	Yes	Ithaca	Gannett Medical Clinic Cornell University 10 Central Ave. 14850 607,256-5158	By appointment	Yes
Reno	Washoe County District Health Dept. 10 Kirman Ave. 89502 702,785-4294	Tues., 1:30-4 p.m.	Yes	Jamaica	American Airlines Medical Dept. J.F. Kennedy International Airport Hangar 10 11430 212,656-4908	Mon., 10-11 a.m.; Wed., 2-3 p.m.	Yes
NEW HAMPSHIRE				Jamaica	Pan American World Airways, Inc. J.F. Kennedy International Airport Hangar 14 11430 212,632-5552	By appointment Tues. and Thurs., 1:30 p.m.	Yes
Nashua	Sanders Associates, Inc. 95 Canal St. 03060 603,885-2261	By appointment	No	New York	The Borden Company Executive Health Examiners Industrial Clinic 777 Third Ave. 10017 212,421-5151	By appointment	Yes
NEW JERSEY				New York	Broad St. Medical Center 74 Broad St. 10004 212,269-4846	Mon.-Fri., 9 a.m.-5 p.m.	Yes
Bayonne	Maritime Medical Clinic 945 Avenue C 07002 201,437-0400	By appointment	Yes	New York	Medical Dept. Chase Manhattan Bank 1 Chase Manhattan Plaza 10015 212,552-5886	Tues. and Fri., 2-4 p.m.	Yes
Elizabeth	Port Medical Center 104 North Avenue East 07201 201,353-5160	Mon.-Fri., 8 a.m.- 6 p.m.	Yes	New York	Life Extension Institute 11 East 44th St. 10017 212,575-8300	Mon.-Fri., 8:30 a.m.- 4 p.m.	Yes
Englewood Cliffs	CPC International International Plaza 07632 201,894-2368	By appointment	Yes	New York	Maritime Medical Service 16 West 16th St. 10011 212,242-3620	Mon.-Fri., 9:30 a.m.-5 p.m.	Yes
Newark	Medical Dispensary Bldg. 5, Newark Airport 07114 201,643-1171	By appointment	Yes	New York	Medical Associates of Wall St. 135 Williams St. 10038 212,233-3040	Mon.-Fri., 9 a.m.-5 p.m.	Yes
Perth Amboy	City Dept. of Health 44 Market St. 08861 201,826-0290	Wed., 12:30-1:30 p.m.	Yes				
Princeton	Isabelle McCosh Infirmary Princeton University 08540 609,452-3129	By appointment first and third Thurs., 10 a.m.	Yes				
Saddle Brook	Diagnostic Health Group 289 Market Street 07662 210,845-6006	Mon.-Sat.; Tues. and Thurs. evenings	Yes				
NEW MEXICO							
Albuquerque	Lovelace Clinic 5200 Gibson Blvd., S.E. 505,265-1211	Fri., 2 p.m.	Yes				
Las Cruces	Student Health Service New Mexico State University Box 3529 88003 505,646-1512	By appointment	Yes				

*See page 76 for additional listing.

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
New York	Pan Medical Associates 77 Park Ave. 10016 212,684-0621	By appointment	Yes	Fargo	City Health Dept. 201 North Fourth Civic Center 58102 701,235-7395	By appointment Tues.	No
New York	U.S. Public Health Service Outpatient Clinic 245 West Houston St. 10014 212,620-3284	Mon.-Fri., 1:30-2:30 p.m.	No	Grand Forks	Student Health Service University of North Dakota McCannel Hall 58201 701,777-3964	Tues., 1:30 p.m.	No
Poughkeepsie	Dutchess County Health Dept. 22 Market St. 12601 914,485-9811	Thurs., 3-4 p.m.	Yes	OHIO			
Purchase	Pepsi-Cola Co. Anderson Hill Rd. 10577 914,253-2000	By appointment	Yes	Akron	Health Dept. John D. Morley Health Center 177 South Broadway 44308 216,376-1431 Ext. 247	By appointment Mon., 9 a.m.; Tues., 5 p.m.; and Thurs., 9 a.m.	Yes
Rochester	Diagnostic Clinic University of Rochester U Ground 260 Crittenden Blvd. 14642 716,275-2691	First Tues. each month, 11 a.m.-12 noon	Yes	Athens	Hudson Health Center Ohio University 45701 216,594-5521	By appointment	Yes
Syracuse	A. C. Silverman Public Health Hospital 345 Renwick Ave. 13210 315,476-3166	Thurs., 2:15- 3 p.m.	Yes	Canton	City Health Dept. City Hall, Third Floor 44702 216,455-8951 Ext. 231	Fri., 11 a.m.	Yes
White Plains	Westchester County Dept. of Public Health 148 Martine Ave. 10601 914,949-1300	Fri., 2 p.m.	Yes	Cincinnati	City Health Dept., Yellow Fever Clinic 3101 Burnet Ave. 45229 513,421-5700 Ext. 765	By appointment Thurs., 9:30 a.m.	Yes
NORTH CAROLINA				Cleveland	U.S. Public Health Service Outpatient Clinic Post Office Bldg. Room 4037 West Third and Prospect Aves. 44113 216,522-4525	Wed., 2-3 p.m.	No
Asheville	Buncombe County Health Center Health & Welfare Bldg. 35 Woodfin St. P. O. Box 7607 28807 704,252-7611	By appointment	Yes	Columbus	Family Medicine Clinic University Hospitals, 5 East Means Hall 466 West 10th Ave. 43212 614,422-4414	By appointment Thurs., 5 p.m.	Yes
Charlotte	Mecklenburg County Health Dept. 1200 Blythe Blvd. 28203 704,375-8861	Tues. and Thurs., 2-4 p.m.	Yes	Columbus	Health Dept. 181 Washington Blvd. 43215 614,461-7417	By appointment Wed., 2-3 p.m.	Yes
Durham	Duke University Medical Center 1546 Gerontology Bldg. 27710 919,684-2736	Mon., Wed., and Thurs., 3:30-4:30 p.m.	Yes	Dayton	Montgomery County Health District County Government Plaza 451 West Third St. 45402 513,225-4500	By appointment Fri. afternoon	Yes
Fayetteville	Cumberland County Health Dept. 515 Person St. 28302 919,483-9046	Mon.-Fri., 8:30 a.m.-4:30 p.m.	Yes	Findlay	Marathon Oil Co. 539 South Main St. 45840 419,422-2121	By appointment Mon., 9-11 a.m.	No
Gastonia	Gaston County Health Dept. 615 North Highland St. 28052 704,864-4331	By appointment Fri., 2-3 p.m.	Yes	Oxford	Student Health Service MacMillan Hospital Miami University 45056 513,529-3333	By appointment	Yes
Wilmington	Maritime Industrial Clinic 2301 Delaney Rd. 28401 919,763-0159	By appointment and daily, 3-5 p.m., except Wed.	Yes	OKLAHOMA			
Winston-Salem	Forsyth County Health Dept. 720 Ridge Ave. 27102 P. O. Box 2975 919,727-2434	By appointment Mon., 2 p.m.	Yes	Bartlesville	Phillips Petroleum Co. Medical Dept. 74004 918,661-3861	By appointment	Yes
NORTH DAKOTA				Enid	Garfield County Health Dept. 2109 Lahoma Rd. Box 3266 73701 405,233-0650	Last Mon. each month, 2 p.m.	No
Bismarck	City Dept. of Health Cowan Bldg., Fourth Floor 405 East Broadway 58501 701,223-9044	By appointment Tues., 1-2 p.m.	Yes				

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
Norman	Goddard Health Center University of Oklahoma 620 Elm 73069 405,325-4611	Third Sat. each month, 9:30 a.m.	Yes	RHODE ISLAND	Providence Dept. of Health Division of Epidemiology 105 Health Bldg., Davis St. 02908 401,277-2362	Every other Wed., 11 a.m.	No
Stillwater	Student Hospital and Clinic Oklahoma State University North Monroe St. 74074 405,372-6211 Ext. 522	By appointment	Yes	SOUTH CAROLINA	Charleston U.S. Public Health Service Outpatient Clinic Federal Bldg. 334 Meeting St. 29403 803,577-4256	By appointment Thurs., 1-2 p.m.	No
Tulsa	City-County Health Dept. 4616 East 15th 74112 918, 939-2671	By appointment Thurs.	Yes	Clemson	Redfern Health Center South Palmetto Blvd. Clemson University 29631 803,656-2233	By appointment	Yes
OREGON				Spartanburg	County Health Dept. 151 East Wood St. 29303 803,585-7701	By appointment	Yes
Portland	U.S. Public Health Service Outpatient Clinic 218 U.S. Court House Broadway and Main Sts. 97205 503,226-3361 Ext. 1501	Wed., 10-11 a.m.; Fri., 2-3 p.m.	No	TENNESSEE			
PENNSYLVANIA				Blountville	Sullivan County Health Dept. 37617 615,323-7131	By appointment Wed. and Sat., 10 a.m.-12 noon	Yes
Erie	County Dept. of Health 606 West Second St. 16507 814,454-5811	By appointment first and third Tues. each month, 11 a.m.-12 noon	Yes	Chattanooga	Chattanooga-Hamilton County Health Dept. 921 East Third St. 37403 615,265-2581	Tues., 10-11 a.m.	Yes
Philadelphia	St. Luke's and Children's Medical Center Philadelphia International Airport 19155 215,365-5870	By appointment	Yes	Knoxville	Knox County Health Dept. Cleveland Place 37917 615,546-4606	By appointment Wed., 2 p.m.	Yes
Philadelphia	Temple University Hospital Broad and Ontario Sts. 19140 215,787-5453	By appointment Wed., 10 a.m.- 12 noon	Yes	Memphis	Memphis-Shelby County Health Dept. 814 Jefferson Ave. 38105 901,525-8631	Tues., 2-3 p.m.	Yes
Philadelphia	U.S. Public Health Service Outpatient Clinic 225 Chestnut St. 19106 215,597-7395	Thurs., 1:30- 2:30 p.m.	No	Memphis	U.S. Public Health Service Outpatient Clinic Medical Center Towers Bldg. 9th Floor, 969 Madison Ave. 38104 901,725-9550	Thurs., 2 p.m.	No
Philadelphia	Hospital of the University of Pennsylvania Maloney Bldg., Room 250 3600 Spruce St. 19104 215,622-2427	By appointment only, Mon.-Fri., 10 a.m.-12 noon	Yes	Nashville	East Nashville Public Health Center 1015 East Trinity Lane 37216 (Address all correspondence to: 311 23rd Ave., North 37203) 615,227-8140	By appointment Mon.-Fri., 8:30 a.m.-4 p.m.	Yes
Pittsburgh	U.S. Public Health Service Outpatient Clinic 413 U.S. Post Office and Court House 15219 412,644-3376	Thurs., 1:30- 2:30 p.m.	No	Nashville	Metropolitan Health Dept. 311 23rd Ave., North 37203 615,291-5100	By appointment Mon.-Fri., 8:30 a.m.-4 p.m.	Yes
Reading	Reading Hospital Sixth and Spruce Sts. 19602 215,376-6868 Ext. 754	By appointment only, Mon., 9 a.m.- 12 noon	Yes	TEXAS			
University Park	Ritenour Health Center Pennsylvania State University 16802 814,865-6556	By appointment	Yes	Amarillo	Bi-City-County Health Unit 417 Austin St. 79186 806,372-4211 Ext. 731	Second and fourth Wed. each month, 1:30-2:30 p.m.	Yes
Valley Forge	American Baptist Convention Medical Dept. 19481 215,768-2211	By appointment	Yes	Austin	Austin-Travis County Health Dept. 1313 Sabine St. 78701 512,474-6581 Ext. 201	By appointment Wed. p.m.	Yes
PUERTO RICO							
San Juan	U.S. Public Health Service Outpatient Clinic 8½ Fernandez Juncos Ave. 00904 809,723-5200	By appointment Mon. and Wed., 3 p.m.	No				

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
Corpus Christi	Corpus Christi-Nueces County Dept. of Public Health 1811 North Shoreline Blvd. 78401 512,883-2931	Fri., 10:30 a.m.	Yes	Houston	Space Center Medical Associates Clear Lake City 907 Bay Area Blvd. 77058 713,488-3355	By appointment	Yes
Dallas	City Health Dept. 1936 Amelia Court 75235 214,638-7670	Mon.-Fri., 1-4 p.m.	Yes	Houston	Tenneco Oil Co. 2511 Medical Arts Bldg. 77001 713,222-9281	By appointment	Yes
Edinburg	Medical Center 1200 South 10th 78539 512,383-3921	By appointment	Yes	Houston	U.S. Public Health Service Outpatient Clinic U.S. Customs Bldg. Room 204 701 San Jacinto St. 77002 713,226-4871	Thurs., 10 a.m.	No
Fort Worth	Fort Worth Dept. of Public Health 1800 University Dr. 76107 817,336-9241	Thurs., 10 a.m.- 12 noon	Yes	Houston	Withers Medical-Surgical Clinic 1205 Memorial Professional Bldg. 1010 Louisiana 77002 713,228-6407	By appointment	Yes
Freeport	City Health Office 21 Hospital Rd. Suite 103 77541 214,233-6421	Mon., Tues., Thurs., Fri., 10 a.m.-12 noon, 2-5 p.m.	Yes	Odessa	Odessa-Ector County Health Dept. 200 West Third St. 79760 214,332-4261	Wed., 1-2 p.m.	Yes
Galveston	U.S. Public Health Service Hospital 4400 Avenue North 77550 713,763-1211 Ext. 153	Wed., 10 a.m.	No	Orange	Park Avenue Medical Center 1301 Park Ave. 77630 713,886-1313	By appointment	Yes
Houston	City Health Dept. 1115 North MacGregor 77025 713,222-4201	By appointment	No	Port Arthur	U.S. Public Health Service Outpatient Clinic 209 Federal Bldg. Fifth St. and Austin Ave. 77640 713,982-2732	Thurs., 3-4 p.m.	No
Houston	Clarke and Williamson Clinic for Magnet Cove Barium Corp. 3735 Drexel Dr. 77027 713,623-2400	Tues., 11 a.m.- 12 noon	Yes	San Antonio	Minter Clinic 1702 Nix Professional Bldg. 78205 512,222-1317	By appointment Mon.-Fri., 9 a.m.-5 p.m.; Sat., 9 a.m.- 12 noon	Yes
Houston	Diagnostic Clinic and Hospital 6447 Fannin St. 77025 713,522-1711	By appointment	Yes	San Antonio	Petty Geophysical Engineering Co. Clinic 811 Nix Bldg. 414 Navarro 78205 512,226-5131	By appointment	Yes
Houston	Byron W. Grandjean, M.D. 9100 Westheimer Suite 6 77042 713,782-2156	Daily, 2 p.m.	Yes	San Antonio	Southwest Medical Clinic, P.A. 401 Oak Hills Medical Bldg. 78229 512,696-4330	Fri., 11 a.m.	Yes
Houston	Drs. Hamrick and Jones 1124 Memorial Professional Bldg. 1010 Louisiana St. 77002 713,227-8189	Tues., 11 a.m.- 12 noon	Yes	Victoria	County Health Dept. 107 West River 77901 214,575-0573	By appointment Wed., 2 p.m.	Yes
Houston	Houston Clinic 1701 Crawford St. 77002 713,228-0258	Mon.-Fri., 8:30 a.m.-5 p.m.; Sat., 8:30 a.m.- 12 noon	Yes	Wichita Falls	City-County Health Center 1700 Third St. 76301 817,322-5611 Ext. 371	By appointment	Yes
Houston	Houston Clinic 4119 Montrose Blvd. 77002 713,522-5159	Mon.-Fri., 8:30 a.m.-5 p.m.; Sat., 8:30 a.m.- 12 noon	Yes	UTAH			
Houston	Kelsey-Seybold Clinic 6624 Fannin St. 77025 713,526-2641	By appointment	Yes	Provo	Brigham Young University Student Health Center 84601 801,374-1211 Ext. 2771	By appointment	Yes
Houston	The Ledbetter Clinic 1603 Medical Arts Bldg. 77002 713,225-6565	By appointment	Yes	Salt Lake City	University of Utah College of Medicine Student Health Service 84112 801,322-6432	By appointment	Yes
Houston	Milby Clinic 215 Milby St. 77003 713,225-0463	By appointment	Yes				

LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE	LOCATION	CENTER	CLINIC HOURS (Subject to Change)	FEE
VIRGINIA				Pullman	Washington State University Student Health Service Memorial Hospital 99163 206,335-3575	Wed., 9-10 a.m.	Yes
Charlottesville	Albemarle-Charlottesville Health Dept. 1138 Rose Hill Dr. P. O. Box 159 22902 804,295-0161	By appointment first and third Mon., 3-4 p.m.	Yes	Seattle	U.S. Public Health Service Hospital 1131 14th Ave., South 98114 206,325-8000	Fri., 2-3 p.m.	No
Fairfax	Joseph Willard Health Center Fairfax County Health Dept. 3750 Old Lee Hwy. 22030 703,691-3235	By appointment Wed., 8:30- 9:30 a.m.	Yes	WEST VIRGINIA			
Herndon	Reston-Herndon Medical Center Dulles International Airport 77 Third St. 22070 703,437-1100	By appointment	Yes	Charleston	Kanawha-Charleston Health Dept. Memorial Hospital Unit 3200 MacCorkle Ave. 25323 304,348-8160	By appointment	Yes
Lynchburg	Bureau of Public Health 701 Hollins St. 24504 703,845-8063 Ext. 34	Fri., 3:30 p.m.	Yes	Huntington	Cabell-Huntington Health Dept. 1336 16th St. 25701 304,523-6483	Tues. and Fri., 1-3:30 p.m.	Yes
Norfolk	U.S. Public Health Service Hospital 6500 Hampton Blvd. 23508 703,423-5800	Thurs., 2 p.m.	No	Morgantown	West Virginia University Health Service Station 42, University Hospital Medical Center Campus 26506 304,293-2311	By appointment	Yes
Richmond	City Health Dept. 500 North 10th St. 23219 703,659-4365	By appointment	Yes	WISCONSIN			
Roanoke	City Health Dept. 515 Eighth St., S.W. 24016 703,981-2696 or 981-2441	By appointment 1 p.m.	Yes	La Crosse	Gundersen Clinic 1836 South Ave. 54601 608,785-2400	By appointment	Yes
WASHINGTON				Madison	University of Wisconsin Health Service 1552 University Ave. 53706 608,262-1388	By appointment Wed., 1:30 p.m.	Yes
Olympia	Thurston-Mason Health District 529 West Fourth 98501 206,352-4851 Ext. 80	By appointment	Yes	Milwaukee	Health Department 841 North Broadway Room 102 53202 414,278-3624	By appointment	Yes

Centers Designated after June 20, 1974

COLORADO				LOUISIANA			
Denver	Stapleton International Airport Clinic 80207 303,388-6491	Tues., 5-7 p.m.	Yes	New Orleans	City Health Dept. Room 1W07 City Hall 1300 Perdido St. 70112 504,586-4497	Mon.-Fri., 8 a.m.-5 p.m.	Yes
ILLINOIS				NEW YORK			
Peoria	City-County Health Dept. 2116 North Sheridan Rd. 61604 309,688-2476	By appointment 1st and 3rd Thurs., each month, 10-11 a.m.	Yes	Plainview	Nassau County Dept. of Health 1535 Old Country Rd. 11803 516, 535-3471	Wed., 2 p.m.	Yes