



wildlife



natural
wonders

transportation



Children's Illustrated World Atlas

culture



nature



festivals



flags



NEW EDITION

Children's Illustrated World Atlas

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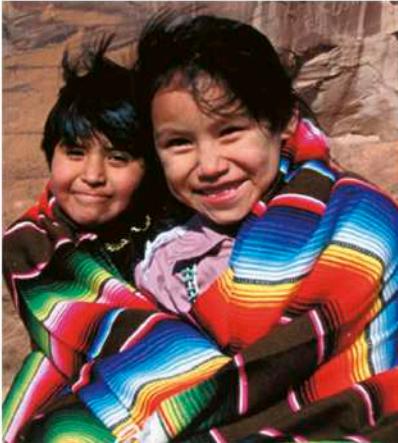
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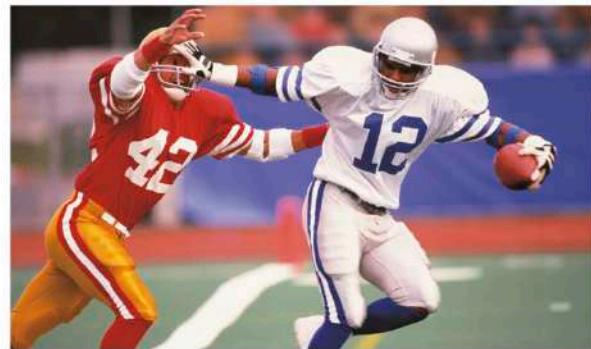
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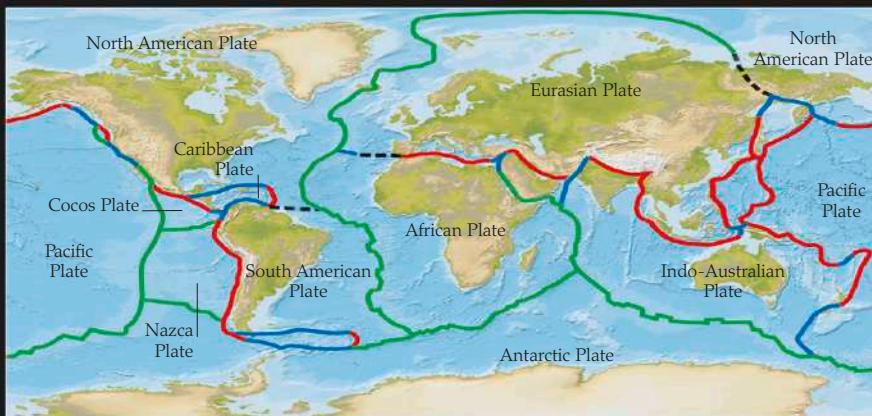
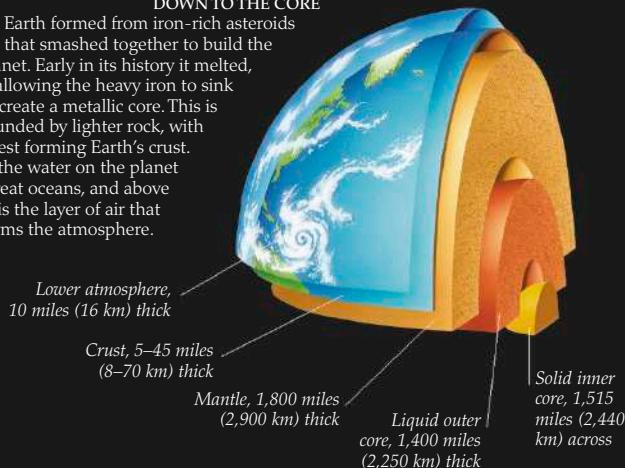


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Active Planet

EARTH IS A DYNAMIC PLANET that is always changing its form. Heat generated by nuclear reactions deep below the surface creates hugely powerful currents that keep Earth's rocks on the move, triggering earthquakes and volcanic eruptions. Meanwhile, solar energy striking the planet in different ways creates currents in the air, driving the atmospheric turmoil of the weather. This changes with the seasons and from place to place, creating an enormous range of climates and habitats for the most dynamic element of all—life.

DOWN TO THE CORE
Earth formed from iron-rich asteroids that smashed together to build the planet. Early in its history it melted, allowing the heavy iron to sink and create a metallic core. This is surrounded by lighter rock, with the lightest forming Earth's crust. Most of the water on the planet lies in great oceans, and above them is the layer of air that forms the atmosphere.



THE PLATES OF EARTH'S CRUST

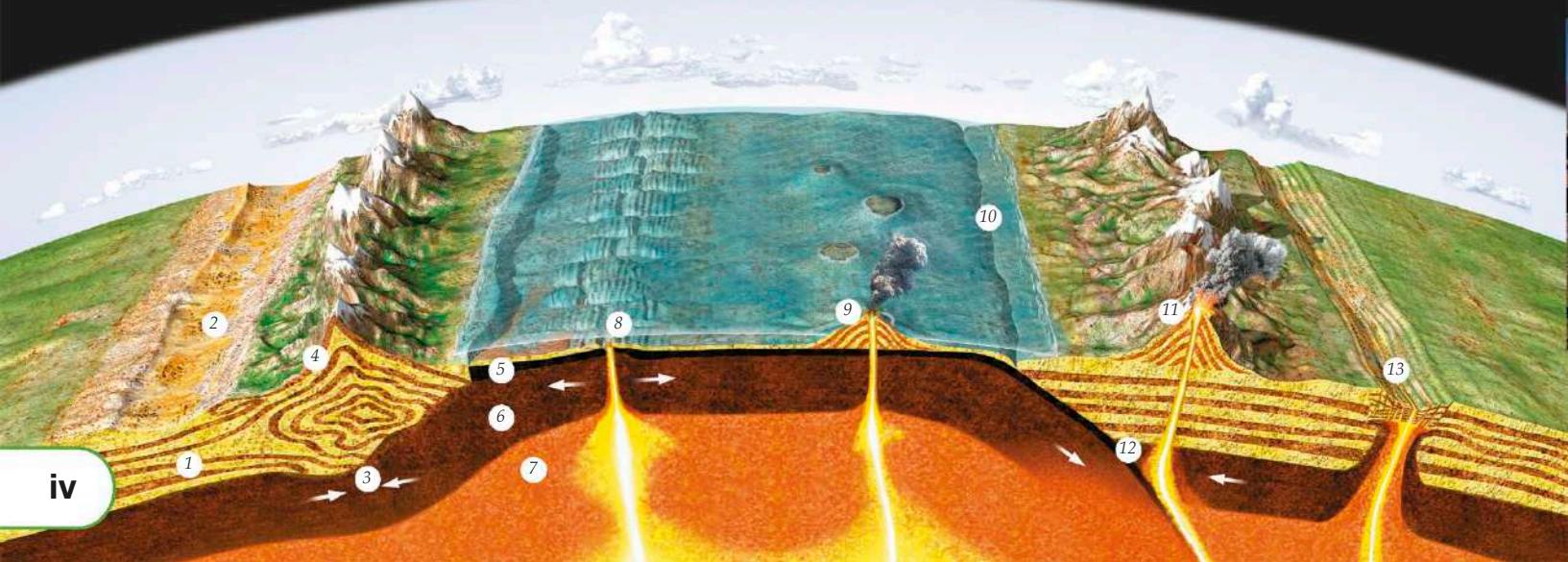
Heat generated deep within the planet creates currents in the mobile mantle rock beneath the crust. These currents drag some sections of the cool, brittle crust apart while pushing other parts together, fracturing the crust into separate plates. The biggest of these span oceans and continents, but there are many smaller plates. At their boundaries the plates may be diverging (pulling apart), converging (pushing together), or sliding past each other at transform faults.

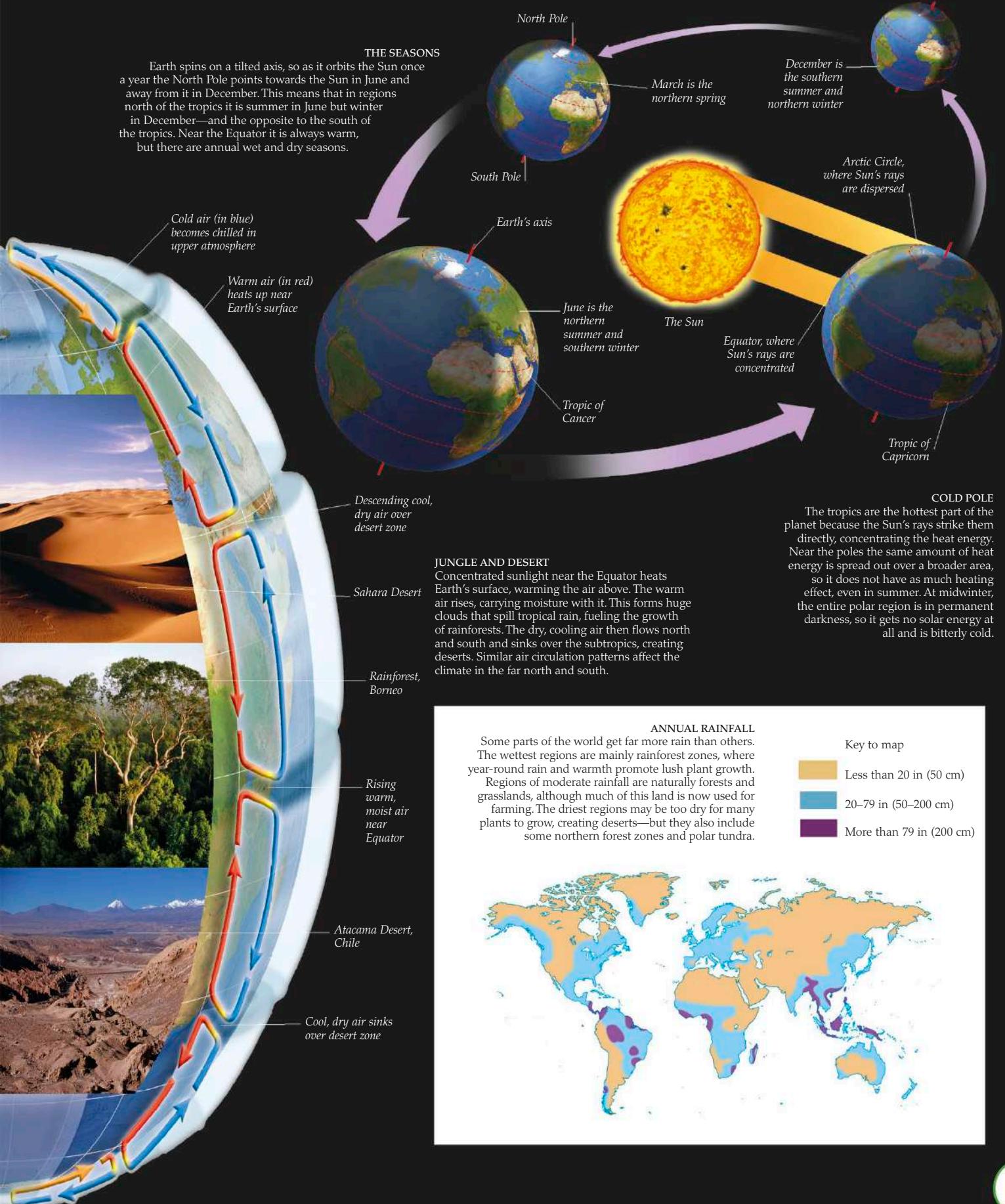
Key to map

- | | |
|---|---|
| <ul style="list-style-type: none"> — Transform fault - - - Uncertain boundary | <ul style="list-style-type: none"> — Divergent boundary — Convergent boundary |
|---|---|

WHERE MOVING PLATES MEET
The boundaries between the plates are volcanic earthquake zones. The plates move very slowly, pulling apart at divergent boundaries. This allows hot rock below to melt, erupt, and cool to form new crust—especially at the spreading rifts that form mid-ocean ridges. Meanwhile at convergent boundaries, one plate slides beneath another, pushing up mountain ranges and making volcanoes erupt. Other volcanoes erupt over hot spots in the mantle below the crust.

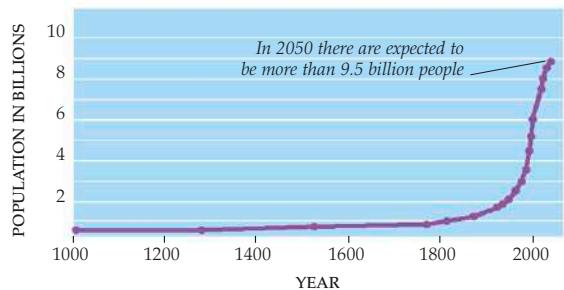
- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1 Continental crust, much thicker than oceanic crust 2 Broad basin formed near uplifted area 3 Ancient converging boundary, now inactive 4 Mountains created when plate boundary was active | <ul style="list-style-type: none"> 5 Oceanic crust formed from heavy basalt rock 6 Upper mantle, mainly solid but very hot 7 Mantle, solid but mobile owing to heat currents 8 Spreading rift forming a mid-ocean ridge | <ul style="list-style-type: none"> 9 Hot-spot volcano erupting over mantle plume 10 Ocean trench marking convergent plate boundary 11 Volcano erupting over convergent boundary 12 Earthquake zone—one plate grinding under another 13 Plates pulling apart, creating a rift valley |
|--|---|--|





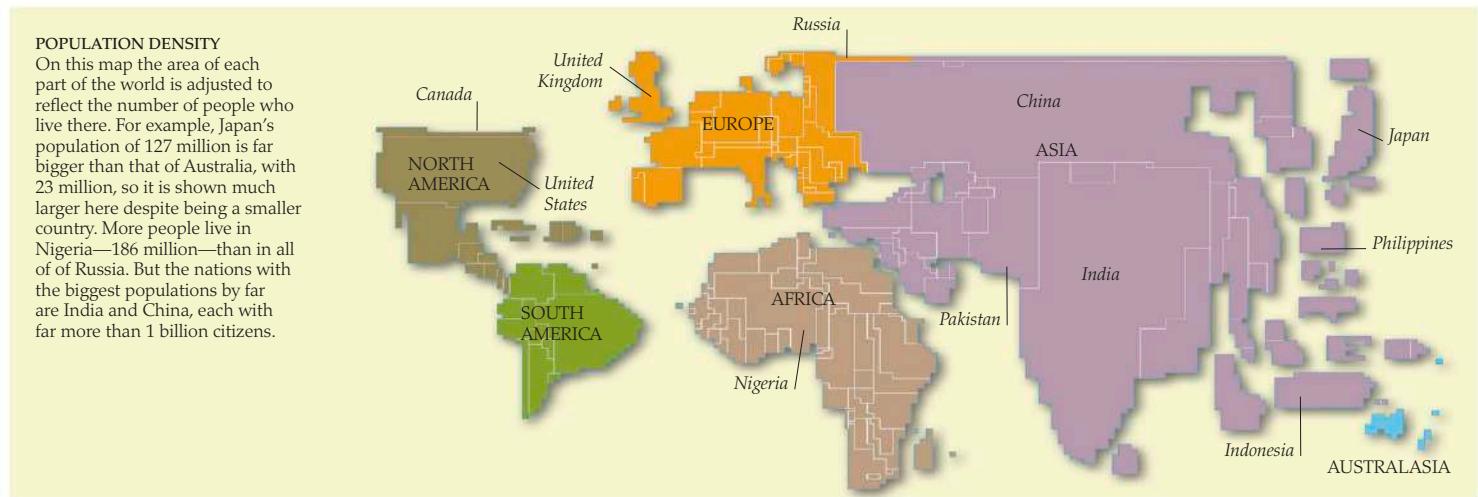
Planet People

THE NUMBER OF PEOPLE ON THE PLANET has quadrupled since 1900. Much of this growth has taken place in the developing world, which is now home to more than 80 percent of the population. Many of these people are very poor and do not experience the living conditions that most citizens of the developed world take for granted. This is changing, however, especially in nations such as China, India, and Brazil. Here, new technology and international trade are fueling rapid economic growth that is transforming how people live. But as more of the planet's people demand more of its scarce resources, there may be some difficult challenges ahead.



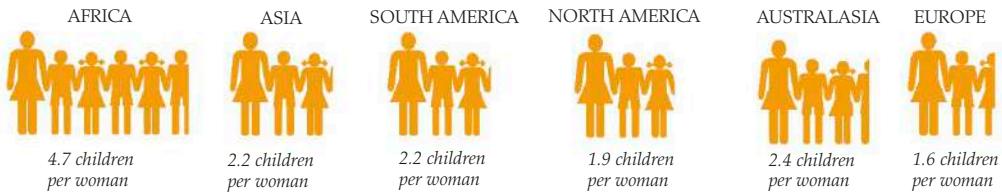
POPULATION INCREASE

For centuries, the number of people on the planet stayed the same, at roughly 300 million. But since the 1750s, better living conditions and health care have allowed more babies to survive, causing a population explosion. Since 1950, the population has soared from 2.5 billion to nearly 7.5 billion today. It will keep growing, but probably not quite so fast.



FAMILY SIZE

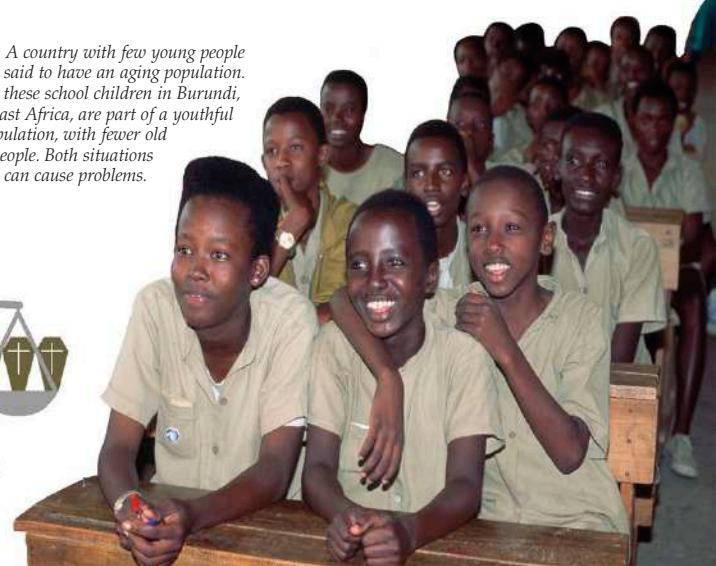
All over the world, some women have more children than others, but the average varies from continent to continent. European women have 1.6 children on average, so two families may have three children between them. This is far fewer than in Africa, where the population is growing faster despite higher death rates among children. Worldwide the average is 2.5—more than enough to replace both parents.



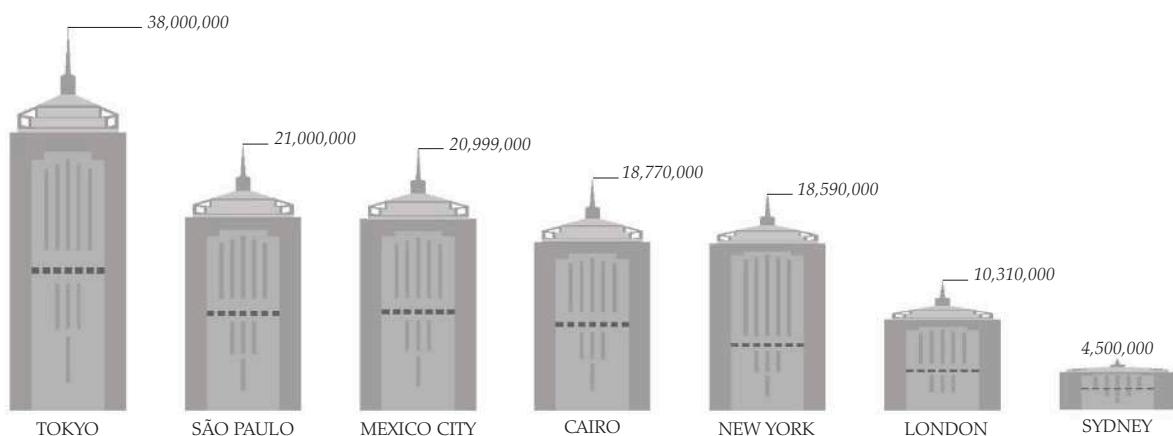
BIRTH AND DEATH RATES

If the birth rate is the same as the death rate, the population stays the same. But in most countries, the birth rate is higher. In Niger, west Africa, there are 44.8 births but only 12.1 deaths per 1,000 people, and the population is growing at 3.2 per cent a year. Brazil's population is also growing, with 14.3 births against 6.6 deaths. By contrast, Lithuania has a shrinking population, with 10 births outweighed by 14.5 deaths.

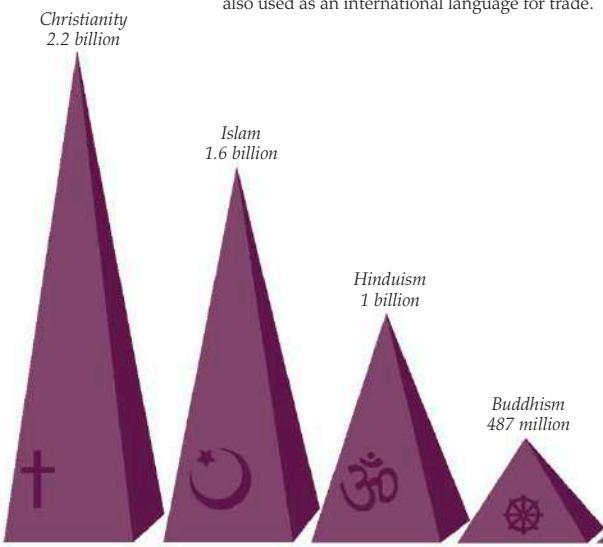
A country with few young people is said to have an aging population. These school children in Burundi, east Africa, are part of a youthful population, with fewer old people. Both situations can cause problems.



CITY POPULATIONS
As populations grow, people tend to move from the country to a city to find work. Today, one-third of the world's people live in cities, which grow bigger every year. Some are colossal, like Tokyo—the largest city in Asia. The other cities shown here are the most populous on each continent. They are vibrant centers of civilization, but some cities are fringed by sprawling shantytowns, where poor people live in makeshift shacks with no proper services such as clean water.



LANGUAGES
These are the 10 most common languages worldwide, sized in proportion to the number of native speakers. Chinese outruns the others because China has such a huge population. But Spanish comes next because it is the main language of many Latin American countries, such as Mexico. English is almost as common, thanks mainly to being the language of the United States. It is also used as an international language for trade.



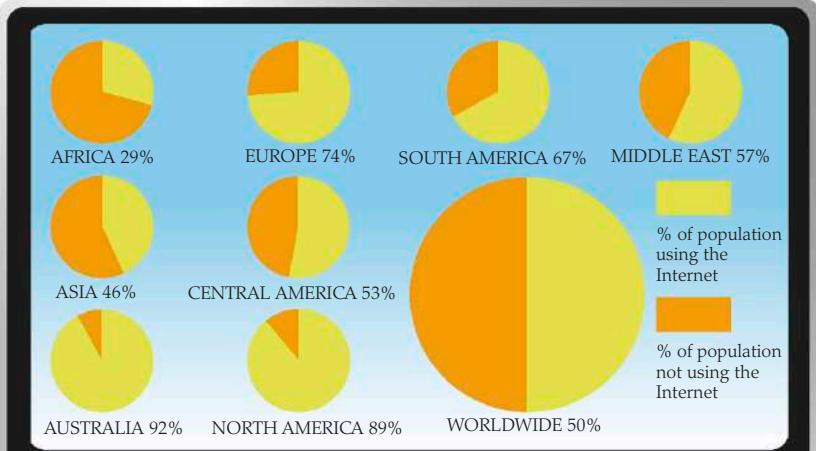
HINDI ARABIC SPANISH CHINESE ENGLISH PORTUGUESE RUSSIAN JAPANESE BENGALI PUNJABI

RELIGIONS AND BELIEFS

Almost three-quarters of the world's population are followers of Christianity, Islam, Hinduism, or Buddhism. But many people follow other faiths, particularly in China where the traditional folk religion, Shenism, is practised by nearly one-fifth of the huge population. The "indigenous" and "African traditional religions" data points are both groupings of different, but similar, religions. Others are listed at far right, in order of popularity.

Others	
Sikhism	23 million
Juche	19 million
Spiritism	15 million
Judaism	14 million
Baha'i	7 million
Jainism	4.2 million
Shinto	4 million
Cao Đài	4 million
Zoroastrianism	2.6 million
Tenrikyo	2 million
Neo-Paganism	1 million
Unitarian	
Universalism	800,000
Rastafarianism	600,000
Scientology	500,000

ONLINE ACCESS
Over the last decades, the Internet has become a vital tool for global business, education, and politics, so the more people who can use it, the better. These charts show the percentage of people with Internet access both worldwide and in particular regions. Australia, North America, and Europe lead the field, but the number of Internet users is growing fastest in the Middle East and Africa.



» Planet People

WEALTH

A country's wealth is often measured in terms of the money it earns in a year divided by its number of inhabitants. This is called its Gross Domestic Product (GDP) per capita. Both Norway and Qatar make lots of money from exporting oil and gas, and since they have small populations their GDP per capita are very high. Burundi in east Africa has only one-twentyfifth of the income of Qatar divided between five times as many people, so its GDP per capita is very low.



BUSIEST AIRPORTS

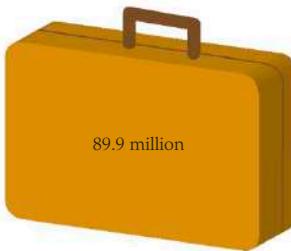
Air travel has expanded enormously since the 1950s, when international air travel was a luxury enjoyed by a few wealthy people known as the "jet set." Today, flying is often the most economical way to travel, as well as the quickest. This is reflected in the vast number of passengers who pass through the world's airports as they travel for business or pleasure. The world's busiest airport is Hartsfield-Jackson International Airport in Atlanta, with more than 100 million people arriving and departing each year. The graphics below show the busiest airport in each continent, and number of passengers.



N. AMERICA:
Hartsfield-Jackson, Atlanta, USA



ASIA:
Beijing Capital, China



EUROPE:
Heathrow, London, UK



AUSTRALIA & OCEANIA:
Kingsford Smith, Sydney, Australia



S. AMERICA:
Guarulhos, São Paulo, Brazil



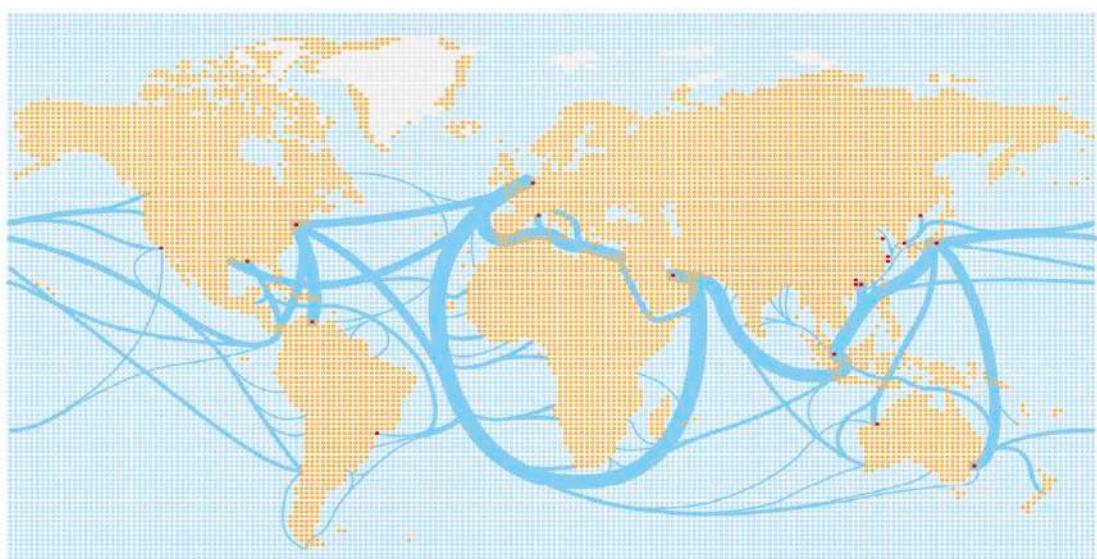
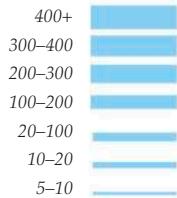
AFRICA:
Tambo, Jo'Burg, South Africa



TRADE

Although air freight is an important element of international trade, about 90 percent of cargo by weight is transported by sea. Altogether, this adds up to around 11 billion tons of freight. Much of this is transported in containers, carried by more than 5,000 container ships. The busiest shipping routes link Europe and North America with the Middle East and Far East, with ports such as Singapore, Shanghai, Dubai, and Rotterdam handling most of the trade.

Traffic in millions of tons



Mapping the World

ABOUT THE ATLAS

This atlas is divided into six continental sections—North America, South America, Africa, Europe, Asia, and Australasia and Oceania. Each country, or group of countries, then has its own map that shows cities, towns, and main geographical features such as rivers, lakes, and mountain ranges. Photographs and text provide detailed information about life in that country—it's people, traditions, politics, and economy. Each continental section has a different color border to help you locate that section. There is also a gazetteer and an index to help you access information.



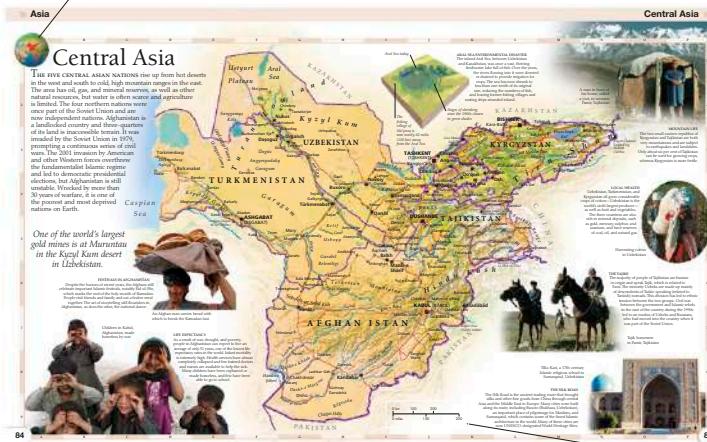
MAP LOCATOR

This map shows, in red, the location of each country, part of a country, or group of countries in relation to the whole planet. There is a locator for each map in the book.

FOREIGN NAMES

Features on the maps are generally labeled in the language of that country. For example, it would be:

Lake on English-speaking countries
Lago on Spanish-speaking countries
Lac on French-speaking countries
However, if a feature is well-known or mentioned in the main text on the page, it will appear there in English so that readers can find it easily.



84



USING THE GRID REFERENCES

The letters and numbers around the outside of the page form a grid to help you find places on the map. For example, to find Kabul, look up its name in the gazetteer (see pp.112–133), and you'll find the reference 85 J7. The first number is the page, the letter and number refer to the square made by following up or down from J and across from 7 to form J7.

KEY TO MAP SYMBOLS

BORDERS

- International border: Border between countries, which is mutually recognized.
- State border: Border used in some large countries to show internal divisions.
- Disputed border: Border used in practice, but not mutually agreed between two countries.
- Claimed border: Border that is not mutually recognized—where territory belonging to one country is claimed by another.
- Ceasefire line
- Undefined boundary

PHYSICAL FEATURES

- ▲ Mountain
- ▼ Depression
- ▲ Volcano
- ✗ Pass/Tunnel

DRAINAGE FEATURES

- Major river
- Minor river
- Seasonal river
- Dam
- Canal
- Waterfall
- Seasonal lake

MISCELLANEOUS FEATURES

- ◊ Site of interest
- Ancient wall

COMMUNICATIONS

- Highway
- Major road
- Minor road
- Rail
- Airport

TOWNS & CITIES

- More than 500,000
- 100,000–500,000
- 50,000–100,000
- Less than 50,000
- National capital
- Internal administrative capital
- Polar research station

LATITUDE & LONGITUDE

- Equator
- Tropics/Circles

NAMES

REGIONS

FRANCE

- Country
- JERSEY (British Crown Dependency)
- Dependent territory

- KANSAS Administrative region

- Dordogne Cultural region

TOWNS & CITIES

- PARIS National capital
- SAN JUAN Dependent territory capital city

Seattle

- Limón
- Genk
- San José
- Other towns & cities

Land appearing sandy tends to be desert, semi-desert, or scrub.

Mountainous desert looks like this, with shadows on the sandy background color.

Pale green is usually grassland or crop land.

Darker greens usually indicate wooded land or pasture.

White shows land under permanent cover by snow and ice.

SCALE

Each map features a scale that shows how distances on the map relate to miles and kilometers. The scale guide can be used to see how big a country is. Not all maps in the book are drawn to the same scale.

NAMES *continued*

PHYSICAL

Andes

Landscape features

Ardenne

Island group

Balearic Islands

Island

Majorca

Lake/River /Canal

Lake Baikal

Sea features

PACIFIC OCEAN

Gulf of Mexico

Sea features

Bay of Campeche

Undersea feature

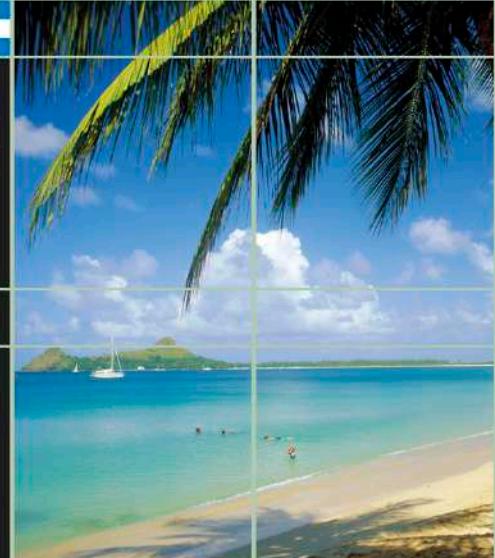
OTHER FEATURES

Tropic of Cancer

Graticule text

NORTH AMERICA

The North American continent extends from the frozen wastes of Arctic Canada to the Caribbean islands and the tropical jungles of Panama. It is dominated politically by the United States, the richest nation on Earth, yet life in countries such as Mexico and Nicaragua is still a struggle. The data below is arranged in order of each nation's size.

Canada		Mexico		Honduras							
• 3,855,103 sq miles 9,984,670 sq km • 35,363,000 □ Ottawa ▪ English, French, Punjabi, Italian, Spanish, German, Cantonese, Tagalog, Arabic, Inuktitut, Cree	• 758,449 sq miles 1,964,375 sq km • 123,167,000 □ Mexico City ▪ Spanish, Nahuatl, Mayan, Zapotec, Mixtec, Otomi, Totonac, Tzotzil, Tzeltal			• 43,278 sq miles 112,090 sq km • 8,893,000 □ Tegucigalpa ▪ Spanish, Garífuna (Carib), English Creole							
United States of America			Nicaragua								
• 3,796,742 sq miles 9,833,517 sq km • 323,996,000 □ Washington, DC ▪ English, Spanish, Chinese, French, German, Tagalog, Vietnamese, Italian, Korean, Russian, Polish			• 50,336 sq miles 130,370 sq km • 5,967,000 □ Managua ▪ Spanish, English Creole, Miskito		The warm seas and glorious beaches of the Caribbean make islands like St Lucia magnets for tourists. The wealth they bring is vital to the local economy.						
				Cuba		Panama		Dominican Republic			
				• 42,803 sq miles 110,860 sq km • 11,180,000 □ Havana ▪ Spanish		• 29,120 sq miles 75,420 sq km • 3,705,000 □ Panama City ▪ English Creole, Spanish, Amerindian languages, Chibchan languages		• 18,792 sq miles 48,670 sq km • 10,607,000 □ Santo Domingo ▪ Spanish, French Creole			
				Guatemala				Haiti			
				• 42,042 sq miles 108,889 sq km • 15,190,000 □ Guatemala City ▪ Quiché, Mam, Kakchiquel, Kekchí, Spanish				• 10,714 sq miles 27,750 sq km • 10,486,000 □ Port-au-Prince ▪ French Creole, French			
								Costa Rica		Belize	
								• 19,730 sq miles 51,100 sq km • 4,873,000 □ San José ▪ Spanish, English Creole, Bri bri, Cabecar		• 8,867 sq miles 22,966 sq km • 353,800 □ Belmopan ▪ English Creole, Spanish, English, Mayan, Garífuna (Carib)	



The Statue of Liberty in New York Harbor has long been a potent symbol of freedom, especially for those arriving here by ship to seek a new life.



El Salvador		Dominica		
El Salvador 8,124 sq miles 21,041 sq km 6,157,000 San Salvador Spanish	Dominica 290 sq miles 751 sq km 73,700 Roseau French Creole, English			
The Bahamas		St Lucia		
The Bahamas 5,359 sq miles 13,880 sq km 327,300 Nassau English, English Creole, French Creole	St Lucia 238 sq miles 616 sq km 164,500 Castries English, French Creole	Antigua and Barbuda 171 sq miles 443 sq km 93,600 St John's English, English Patois		
Jamaica				Grenada
Jamaica 4,244 sq miles 10,991 sq km 2,970,000 Kingston English Creole, English				Grenada 133 sq miles 344 sq km 111,200 St George's English, English Creole
Much of Canada is still untamed wilderness—a land of huge, dramatic landscapes like this lake high up in the rugged, frost-shattered Rocky Mountains.				
Trinidad and Tobago		Barbados		St Vincent and the Grenadines
Trinidad and Tobago 1,980 sq miles 5,128 sq km 1,220,000 Port-of-Spain English Creole, English, Hindi, French, Spanish		Barbados 166 sq miles 430 sq km 291,500 Bridgetown Bajan (Barbadian English), English		St Vincent and the Grenadines 150 sq miles 389 sq km 102,300 Kingstown English, English Creole
				St Kitts and Nevis
				St Kitts and Nevis 101 sq miles 261 sq km 52,300 Basseterre English, English Creole



B C D E F G H

Western Canada and Alaska

CANADA IS A HUGE COUNTRY—its western half stretches from the flat prairies in the east to the towering Rocky Mountains in the west, and from the relatively mild south to the permanently frozen area north of the Arctic Circle. Harsh conditions over much of the region mean that most of the population is concentrated in cities in the south, such as Vancouver, Calgary, and Winnipeg. The Prairies—once a vast expanse of grassland—are now used mainly for growing wheat on huge mechanized farms. Oil and natural gas are found there as well. These

natural resources are also important in Alaska, a part of the United States. The majority of Alaska's people moved there to work in these lucrative industries.

TOTEM POLES
The native peoples of British Columbia use totem poles to record their clan history. Each carved and painted totem describes a real or mythical event and often features animals that the clan has a close connection with, such as the eagle (left).



DOGSLED RACING
The state sport of Alaska is dogsled racing. Here, competitors take part in the annual Iditarod Trail Sled Dog Race, a grueling run across the rugged landscape for drivers and their teams of dogs.

VANCOUVER
This city's vibrant cultural mix is typical of Canada's diversity. Many South Asian, Chinese, as well as other ethnic groups live here and reflect Vancouver's historic role as a destination for migrants. Hosting the 2010 Winter Olympics raised its profile and its bustling economy, mild climate, and cultural links make it an attractive place to live.



FORESTRY

Large parts of western Canada are covered in forests and lumbering is a major part of the local economy. The trees are used to make buildings, furniture, and paper. In the past, whole areas of trees were cleared but now sustainable methods, such as selective cutting and replanting, are practiced.

Felled trees transported down a river near Vancouver



B C D E F G H

Western Canada and Alaska >>

A horizontal number line with arrows at both ends. It has tick marks and labels at 0 km/miles, 200, and 400. The segment from 0 to 200 is shaded green. The segment from 200 to 400 is black. Above the line, 'I' is above the green segment and 'J' is above the black segment.

K L M N O P

N O P

NATIVE PEOPLES

The native peoples of Alaska are the Aleut, and those in the north of Canada are the Inuit.

Native peoples are often called "First Nations" because they were the first to live in North America. Much of their land was later taken by European settlers. First Nation culture has revived and Nunavut is now a self-governing Inuit territory. The Inuit have adapted to the harsh environment and often combine modern technology with their traditional lifestyle.

CENTRAL STATES

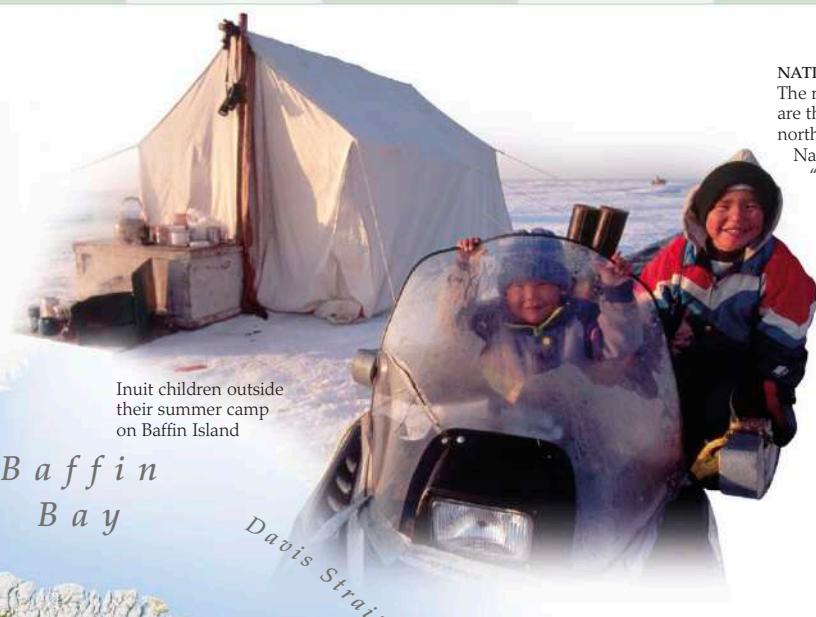
CENTRAL STATES
Large parts of Alberta, Saskatchewan, and Manitoba have rich soils and form one of the greatest wheat-growing areas in the world. More wheat is grown here than Canadians can consume, so vast amounts are exported. Wheat is used to make flour for staple foods such as bread. Once harvested, wheat is stored in grain elevators, waiting to be transported by truck or train.

Grain elevators dominate the skyline of the prairies.

Canada has a population of 35 million people, but only about 30 percent of them live in western Canada—most live near the US border.

ROCKY MOUNTAINS

The rugged Rocky Mountains stretch south through western Canada and into the US. Every year they attract millions of visitors who enjoy walking, hiking, and canoeing in the dramatic scenery. Tourists sometimes see wildlife such as the grizzly bear, black bear, elk, moose, and wolf.





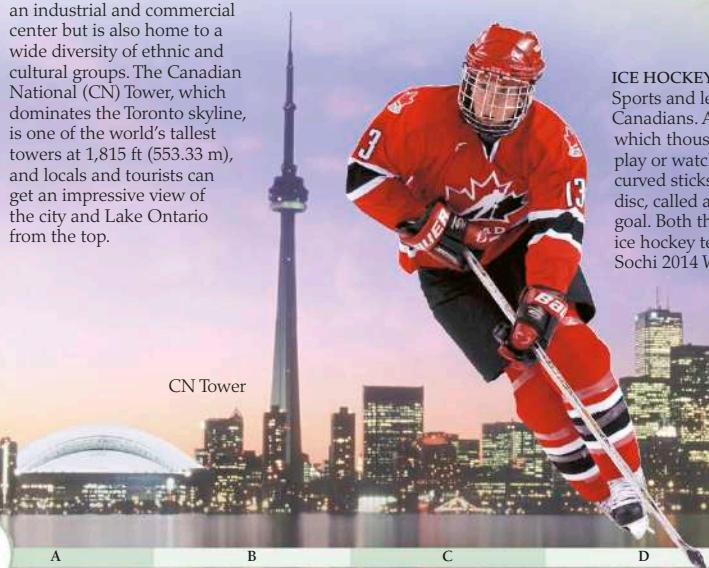
B C D E F G H

Eastern Canada

THES MOST INDUSTRIALIZED AND HEAVILY populated parts of Canada are in its eastern half. Ottawa, the capital, is located here, along with other important cities, such as Toronto, Montreal, and Québec. Some of the earliest settlers were French, and many people speak French as their first language. The Great Lakes—the largest system of lakes in the world—and the St Lawrence Seaway link the interior to the coast. The most easterly parts of Canada, the Atlantic Provinces, have rugged coastlines and dramatic scenery. However, soils are thin, so commercial agriculture is limited to a few areas. Fishing used to be the main activity, but fish stocks have been so depleted that few people are now employed in the industry, despite recent environmental efforts to rebuild the stocks. A growing oil and gas industry and new high-tech businesses are attracting younger workers, although many people still migrate to the bustling cities further inland.

Canadians have a high life expectancy—the average person lives to be 82 years old.

TORONTO
Toronto is Canada's most important economic center. Located on Lake Ontario, close to the US border, it is not only an industrial and commercial center but is also home to a wide diversity of ethnic and cultural groups. The Canadian National (CN) Tower, which dominates the Toronto skyline, is one of the world's tallest towers at 1,815 ft (553.33 m), and locals and tourists can get an impressive view of the city and Lake Ontario from the top.

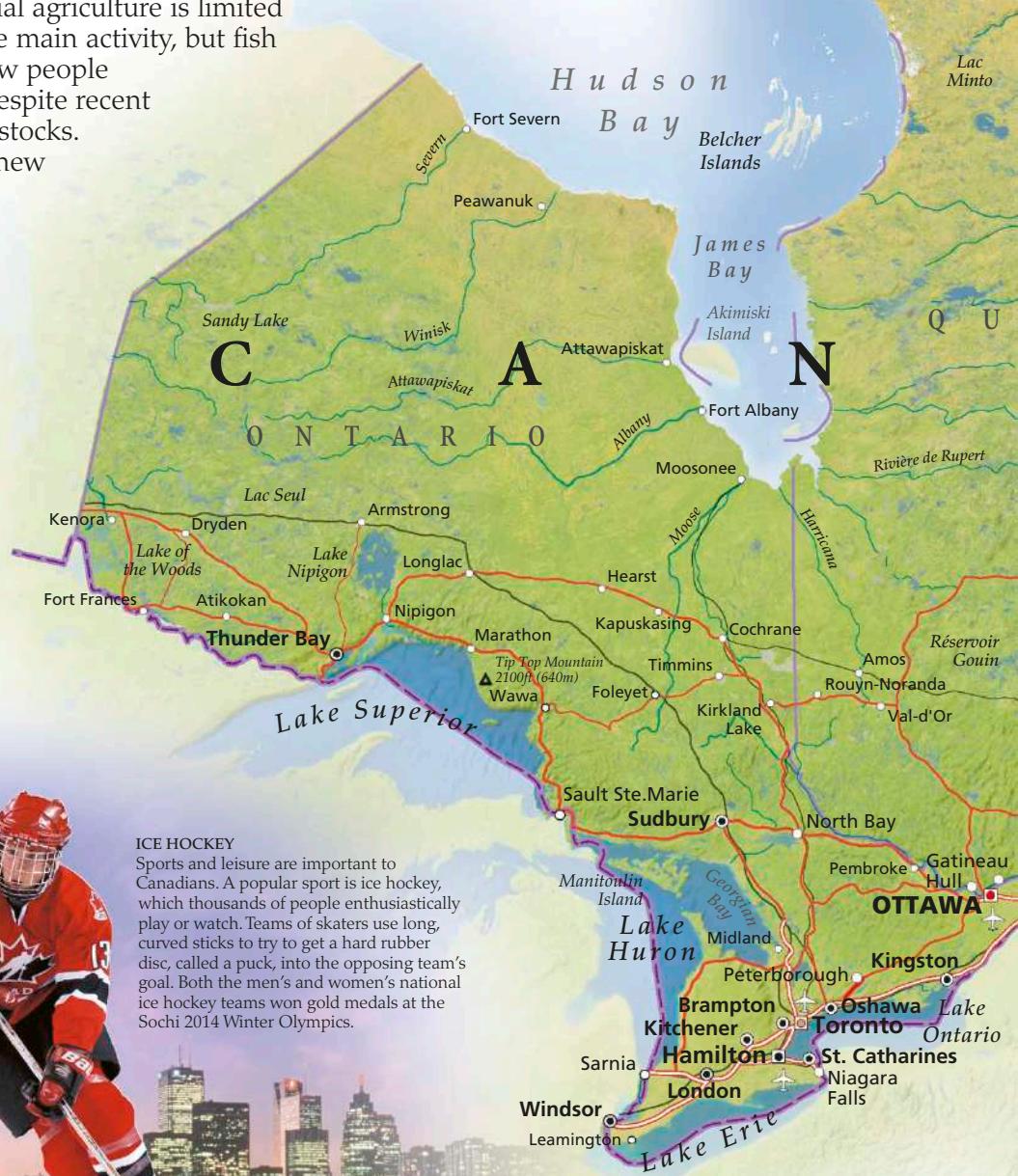


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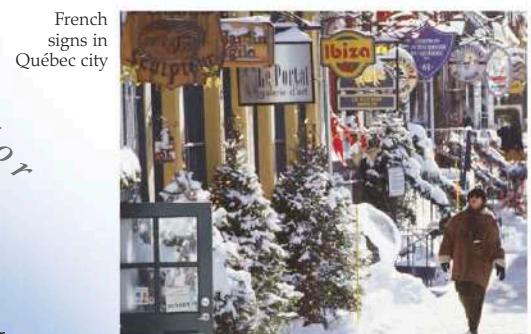
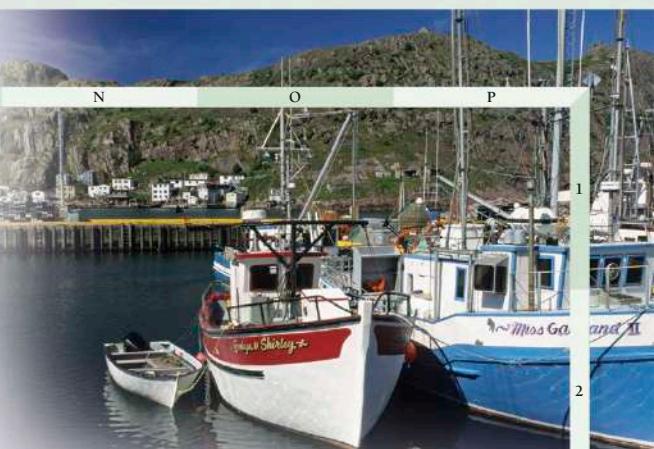
MAPLE SYRUP

The colorful maple trees of Québec and Ontario are tapped for maple syrup, a major export, and a popular topping on pancakes. The maple leaf is the national symbol of Canada and is featured on the nation's flag.



UNITED STATES
OF AMERICA

A B C D E F G H





B C D E F G H

USA: Northeast

THE NORTHEASTERN UNITED STATES is a heavily populated area that is steeped in history. This is traditionally the main immigration point into the States, with the Statue of Liberty lighting the way for those arriving into New York by boat.

People from all over the world have settled in this region to live and work, creating a “melting pot” of cultures and ethnic groups. Important historical events, such as the signing of the Declaration of Independence and the Constitution, took place in Philadelphia. These documents set the foundations for American life today. It is also here that the capital and center of government were established. Today, while industry and agriculture are still important, finance and commerce are the driving forces of the economy.

The White House in Washington, D.C. has been home to every president except George Washington, after whom the city is named.

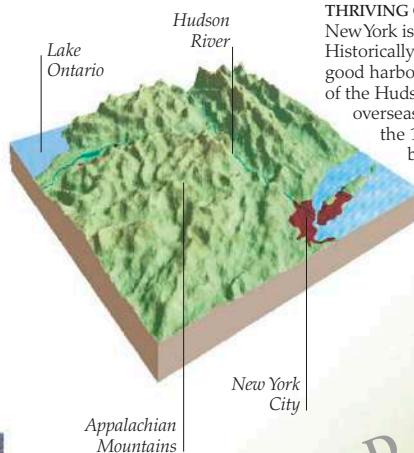


PITTSBURGH

Once a major steel manufacturing center with a polluted environment, Pittsburgh is now a thriving financial center with a large number of corporate headquarters. Bridges span the three rivers that run through the city, connecting the core downtown area (above) to the suburbs.

CENTER OF GOVERNMENT
All three branches of the federal government, the executive, legislative, and judicial, reside in Washington, D.C. The United States Congress (the legislative branch) meets here in the Capitol building. Many of the city's residents work for the government.

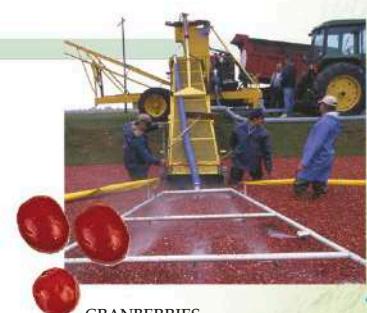
Capitol building,
the seat of government



THRIVING CITY

New York is the largest city in the US. Historically it grew because it has a good harbor and sits at the mouth of the Hudson River. Immigrants from overseas flooded into the city in the 19th and 20th centuries, boosting its population and economy. Today, it is the main financial center, not just of the US, but of the world.

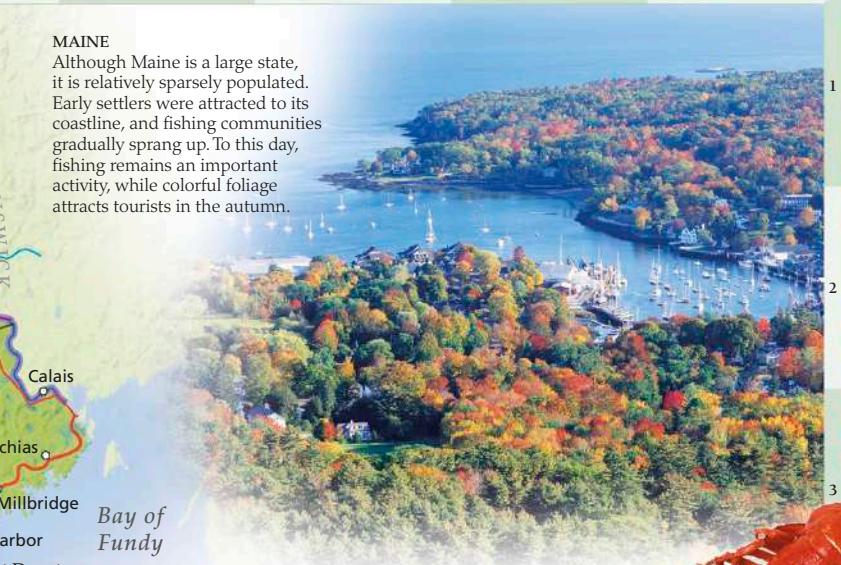


**CRANBERRIES**

The northeast USA is a major cranberry-growing region. Cranberries grow in flooded bogs, and once harvested—often with high-tech equipment (above)—they can be eaten in pies and sauces.

**MAINE**

Although Maine is a large state, it is relatively sparsely populated. Early settlers were attracted to its coastline, and fishing communities gradually sprang up. To this day, fishing remains an important activity, while colorful foliage attracts tourists in the autumn.



Bay of Fundy
Mount Desert Island

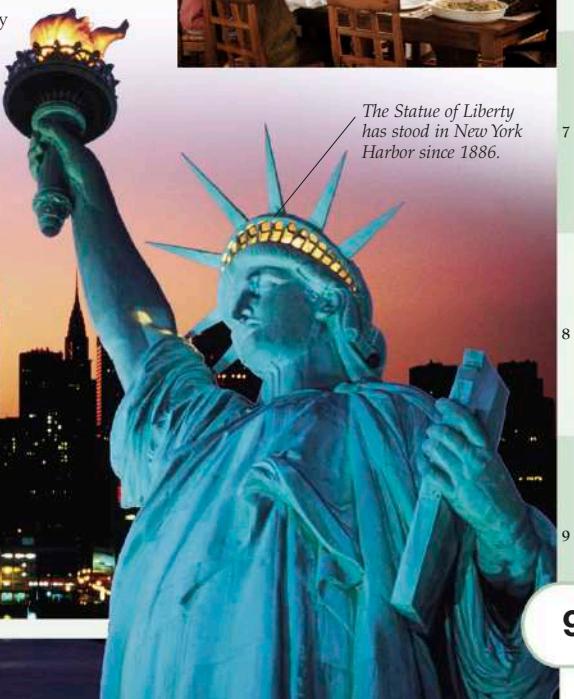
Maine (above), famous for its clam chowder and lobsters (right)

**THANKSGIVING**

The first Thanksgiving was held in 1621 as a gesture of friendship between American Indians and the Pilgrims after the Pilgrims' first successful harvest. Americans honor that tradition every November by gathering with family and friends to give thanks for life's blessings and to share a meal.

**HIGHER EDUCATION**

A large number of universities are located in this region, including two of the most famous—Harvard (above) and Yale. As well as studying, students enjoy a full campus life, including taking part in sports. Links between industry and education are strong, so many high-tech companies have been established here.



The Statue of Liberty has stood in New York Harbor since 1886.

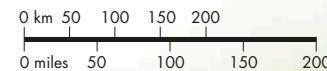
NEW YORK CITY

The center of US commerce and business is New York City. People living here have a fast-paced lifestyle, and many travel by train or ferry from the suburbs to work in the towering high-rise office blocks of Manhattan. People traveling by boat across the harbor pass the Statue of Liberty, a huge monument that represents freedom and opportunity to Americans.



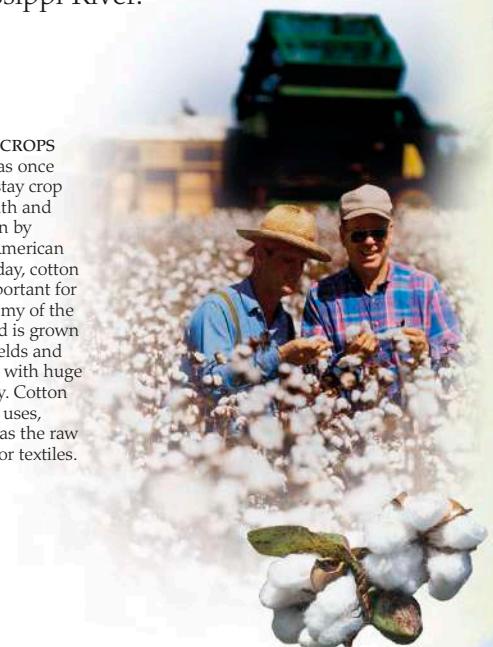
B C D E F G H

USA: South



THE SOUTHERN STATES of the US have a varied landscape and an interesting mix of people, both culturally and economically. Some areas of the region are poor, especially the Appalachian Mountain communities, while other parts, such as the Florida coast, are wealthy and attract many people from other states and countries. The cultural mix includes people of Latin American origin, African Americans, Cajuns (French Canadians), and European Americans, giving rise to diverse music styles, dialects, pastimes, and food. While coal mining in the Appalachian Mountains has declined in recent years, agriculture is still important, as are tourism and industry. Tourism is particularly important in Florida and in New Orleans near the mouth of the mighty Mississippi River.

COTTON CROPS
Cotton was once the mainstay crop of the south and was grown by African-American slaves. Today, cotton is still important for the economy of the region and is grown in large fields and harvested with huge machinery. Cotton has many uses, primarily as the raw material for textiles.



Cotton pod, or boll

The Mississippi is the largest river in North America and the third largest in the world.

MUSICAL ORIGINS
The southern US is famous for its music, much of which reflects the cultural mix of the region. New Orleans and other parts of Louisiana are the birthplaces of jazz and Cajun music, while bluegrass and country have origins in Nashville and Memphis. These music styles started here, but quickly spread throughout the country and developed even further in the cities.



Jazz musician on Bourbon Street, New Orleans

Chef holding a skillet of jambalaya, a Cajun dish



CAJUN CULTURE
The Cajuns in this region are French-speaking people who were expelled from Canada in the 18th century. They mixed with other cultures in Louisiana, but their French influence can be seen in the music, food, and place names, such as Lafayette.

FLORIDA EVERGLADES
The increasing population of Florida means that the Everglades, swampy plains inhabited by alligators and other wildlife, are under threat as land is needed for houses and farms. However, the Everglades National Park protects part of this important ecosystem.



A B C D E F G H



KENTUCKY DERBY

Every year on the first Saturday of May, the Kentucky Derby takes place in Louisville. This horse race, and the festivities based around it, mark the beginning of spring for people in the area. The best horses and jockeys, as well as massive crowds of spectators from around the country, travel here for the event.

Kumba roller coaster, a popular ride at Busch Gardens Tampa Bay, Florida

TOURISM

Tourism is an important industry in the south, especially for Florida. As well as warm weather and appealing scenery, tourists are attracted to the theme parks around Orlando. Jobs and income are generated by tourism, with many people working in retail outlets, restaurants, hotels, and theme parks.

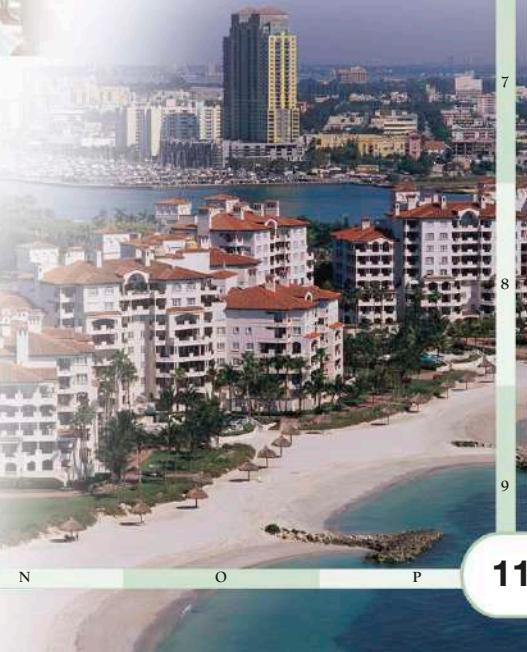
MARTIN LUTHER KING, JR

Martin Luther King, Jr (left) was born in Atlanta in 1929. In the 1960s, he led many peaceful protests to end the laws that discriminated against black Americans. King was assassinated in 1969 and has since been seen as a symbol of the struggle for racial equality. Many African Americans live in the southern US where, before the Civil War (1861–65), their ancestors were forced to work on cotton plantations and farms.

Martin Luther King, Jr, speaking at the final rally of the March Against Fear, Mississippi, 1966

FLORIDA'S SUNSHINE COAST

Florida's sunny weather and sandy beaches have traditionally attracted many retired people, many of whom live in apartments along the coast in resorts such as Miami Beach (right). Florida also attracts young people, particularly to the vibrant city of Miami, where many immigrants from Central America, Cuba, and other Caribbean islands live, and Spanish is spoken by half the population. The Florida Keys, an island chain in the south of the peninsula, is also popular with tourists, and contains some of the largest living coral formations in North America.





B C D E F G H

USA: Midwest

THE AMERICAN MIDWEST is dominated by the Great Plains, once the home of cattle ranches, cowboys, and American Indian peoples. However, the discovery of gold in South Dakota brought a rush of settlers to the area. This, combined with a decline in buffalo numbers, led to the eventual displacement of the American Indians from the Plains. The area is prone to dramatic weather—tornadoes, freezing blizzards, and blazing hot summers. To the west, vast areas of farmland generate more wheat and corn than anywhere else in the world. East of the Mississippi the landscape varies and, although farming is still important, it is an industrial heartland. The greater Detroit area and other parts of Michigan make up a big manufacturing center, with other hubs in Ohio, Indiana, and Illinois.



BUFFALO ON THE PLAINS

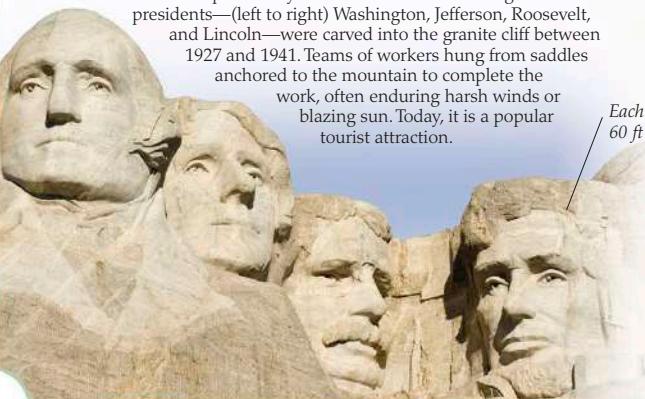
Up to 100 million buffalo once grazed on the Great Plains. They provided local American Indians with food for the family, and skin for clothes and tepees. The Dakota people used buffalo bones to make shields and tools, and the animal's bladder into a bag for carrying water. But over-hunting and the destruction of the buffalo's habitat by early European settlers drastically reduced the number of animals. The buffalo is now a protected species and lives in reserves.

Buffalo herd on a reserve,
South Dakota

MOUNT RUSHMORE NATIONAL MEMORIAL

Mount Rushmore, in the Black Hills of South Dakota, was created as a tribute to the American presidency. Four of the United States' greatest presidents—(left to right) Washington, Jefferson, Roosevelt, and Lincoln—were carved into the granite cliff between 1927 and 1941. Teams of workers hung from saddles anchored to the mountain to complete the work, often enduring harsh winds or blazing sun. Today, it is a popular tourist attraction.

Each carved face is about
60 ft (18 m) high.



TORNADO ALLEY

Dramatic tornadoes, or "twisters," regularly tear through the states of Kansas and Oklahoma along a path known as Tornado Alley. Tornadoes occur when warm and cold air masses meet. As the warm air rises it cools, and under the right conditions it can suck in more and more air until a whirling twister develops. The more air that is drawn in, the greater the power of the tornado.



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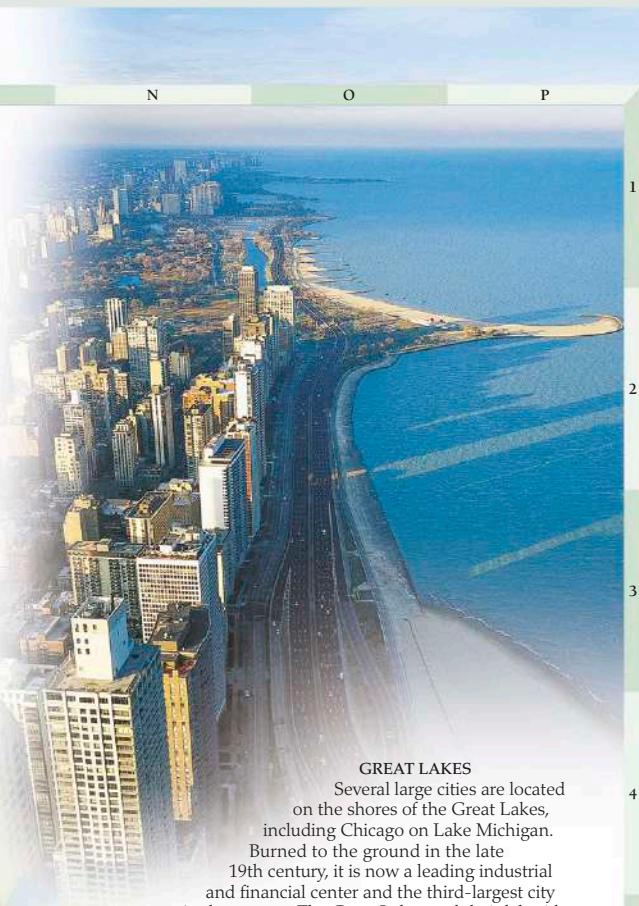
RURAL AMERICA

Although most Americans today live in cities and large towns, there are still many small towns with populations of less than 10,000 people. These towns are often in farming communities and are where people go to shop or to attend church. Children, such as these boys from Iowa (left), often have to be taken to and from school by bus.



AGRICULTURE
The Great Plains extend across the west of this region and are important for agriculture. Rich soils support crops of wheat and corn, while livestock grazes on the extensive grassland. Millions of people live on the Great Plains, many on family-owned and -run farms.

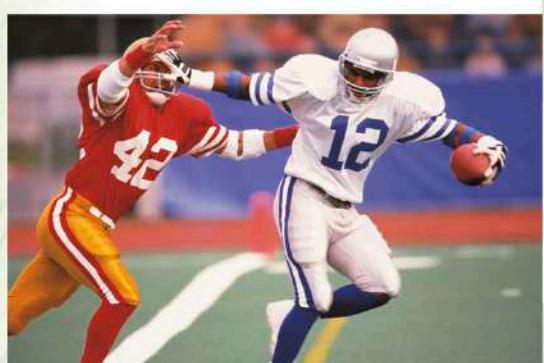
The Great Lakes contain one-fifth of Earth's fresh water.



GREAT LAKES

Several large cities are located on the shores of the Great Lakes, including Chicago on Lake Michigan.

Burned to the ground in the late 19th century, it is now a leading industrial and financial center and the third-largest city in the country. The Great Lakes and their lakeside retreats are also a popular tourist destination for vacationers who like watersports.



FOOTBALL

The first official game of football was played between Princeton and Rutgers universities in New Jersey on November 6, 1869. Since then, college and professional teams have been founded all over the country, and playing and watching football has become one of America's favorite pastimes.



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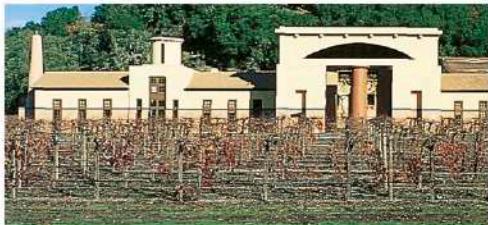
USA: West

THE ROCKY MOUNTAINS separate the coastal region from the drier inland states. Large and fast-growing cities such as San Francisco, Los Angeles, and San Diego hug the Pacific coast, and have attracted many migrants because of good job opportunities. Inland, blazing desert and towering mountains provide some of the most dramatic landscapes in the country. National parks such as Yellowstone in northwestern Wyoming and Montana and Yosemite in central California protect some of these wilderness areas. Further east, the foothills of the Rockies give way to vast plains grazed by large herds of cattle.



NORTHERN FORESTS

The coastal areas of Oregon and Washington contain large forests. These produce economically important timber, but much land is also left in its natural state and is popular with hikers. Most people here live in large cities like Seattle, and in the fertile inland valleys.



CALIFORNIA AGRICULTURE

California is warm, fertile, and, with irrigation, ideal for agriculture. Grapes are an important crop north of San Francisco in the Napa Valley.

Further south, citrus crops such as oranges also flourish. Premium farming land is under threat, however, as the population expands.



The American Indian name for Death Valley is Tomesha, which means "land where the ground is on fire."

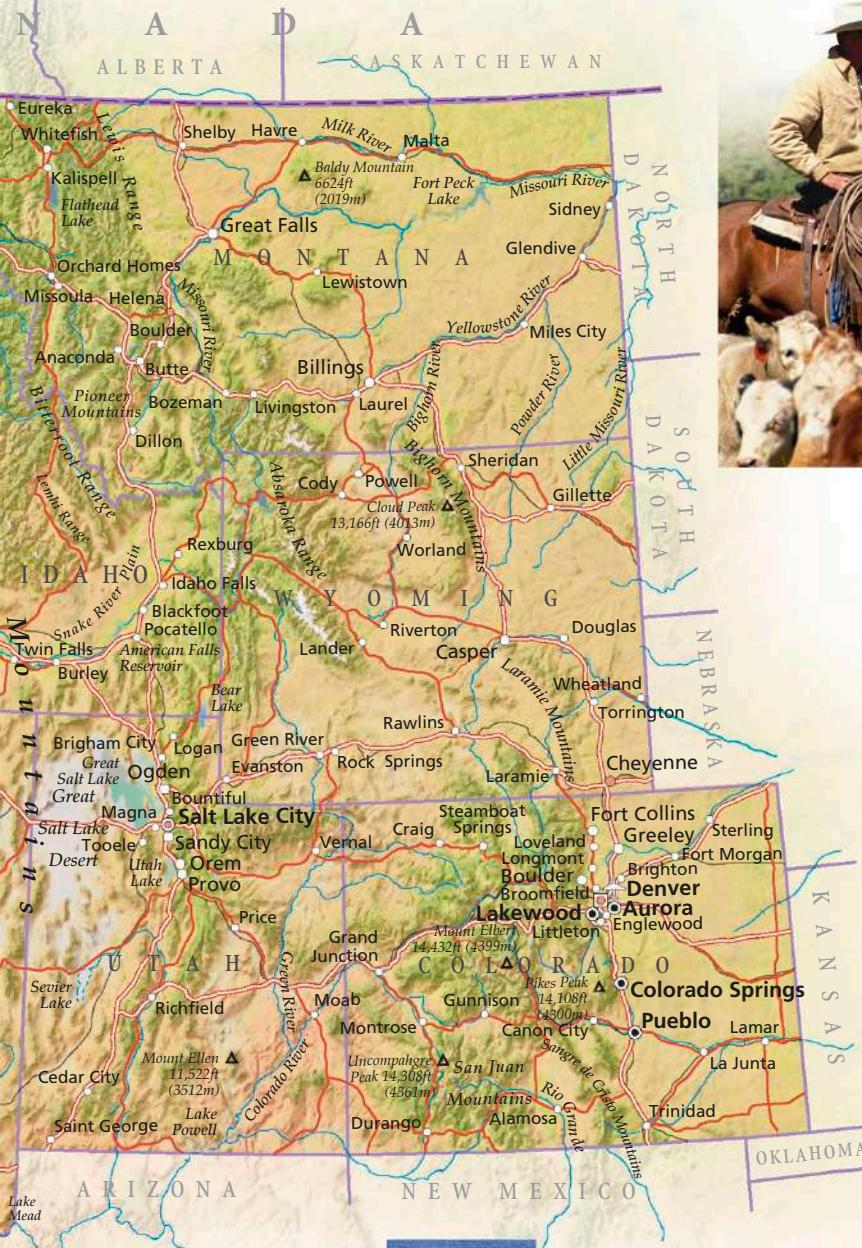


This is a detailed topographic map of the western United States, specifically focusing on the Pacific Northwest and California. The map includes state boundaries for Washington, Oregon, Idaho, Nevada, and California. Major cities are marked with black dots and labeled, such as Seattle, Portland, Eugene, Salem, Boise, Reno, Sacramento, San Francisco, Oakland, San Jose, Fresno, Modesto, Stockton, Sacramento, San Francisco, Berkeley, Santa Rosa, Santa Barbara, Los Angeles, Long Beach, Huntington Beach, Oxnard, Bakersfield, Modesto, Fresno, Stockton, Sacramento, Reno, Sparks, Winnemucca, Ely, and Las Vegas. The map also shows numerous rivers, including the Columbia, Snake, Klamath, Rogue, Willamette, Sacramento, San Joaquin, Tuolumne, Merced, Kern, Colorado, and Colorado River. Major mountain ranges like the Olympic Mountains, Cascade Range, Sierra Nevada, and Rocky Mountains are depicted with brown shading. The terrain is shown with various colors representing elevation, with green for lower elevations and brown/orange for higher elevations. State names are written in all-caps along the top and right edges. A legend in the bottom left corner identifies symbols for state boundaries, county lines, and major roads.

LOS ANGELES

This sprawling city—

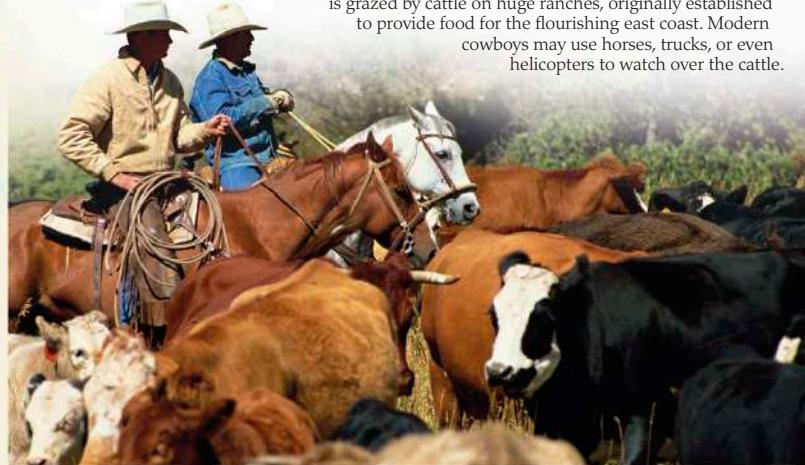
This sprawling city—the second largest in the USA—is home to migrants from all over the world, as well as from other states in the country. Sandwiched between the coast and the mountains, the city has massive air pollution problems. This mostly arises from the exhaust fumes from the high number of cars used by commuters on the city's highways.



SILICON VALLEY
Silicon, an element, is used in many computer products.

SILICON VALLEY
The area between Palo Alto and San Jose has been nicknamed "Silicon Valley" because of the many companies engaged in high-technology research and manufacturing here. It is the center of the world's computer industry.

EARTHQUAKES
San Francisco in California suffers frequent earthquakes due to its location on the San Andreas fault line. Modern skyscrapers are designed to withstand tremors, but many houses, especially those on typically steep streets, are still at risk.

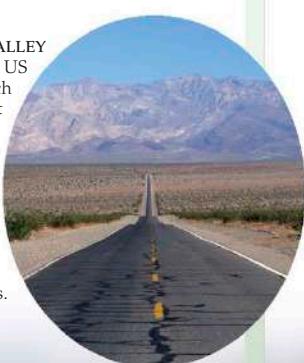


CATTLE RANCHES

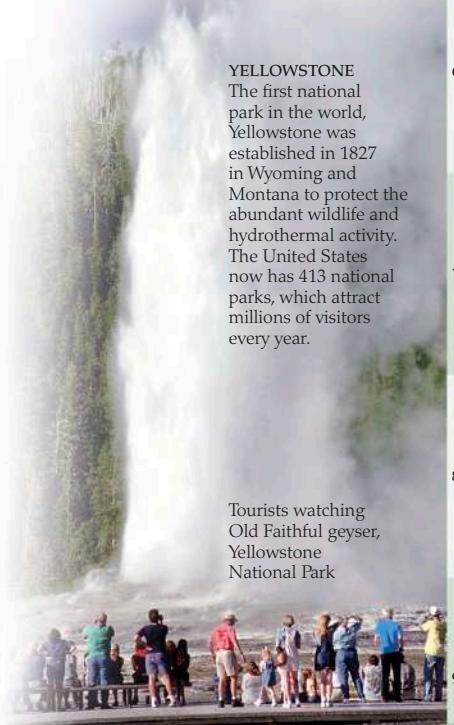
Many people who live in Montana, Wyoming, Utah, and Colorado work in the booming farming and mining industries. Much of the land on these foothills and plains is grazed by cattle on huge ranches, originally established to provide food for the flourishing east coast. Modern cowboys may use horses, trucks, or even helicopters to watch over the cattle.



COLORADO
The Rocky Mountains cut through this region. The stunning terrain and the light, dry snow that falls here support the skiing industry in Colorado. Resorts such as Aspen are popular with Americans as well as with overseas visitors.



DEATH VALLEY
The driest place in the US is Death Valley, which also holds the highest recorded temperature in North America of 134°F (56.7°C). Although seemingly inhospitable, its canyons, formations of rock, and sudden spring blooms make it popular with tourists.



YELLOWSTONE
The first national park in the world, Yellowstone was established in 1827 in Wyoming and Montana to protect the abundant wildlife and hydrothermal activity. The United States now has 413 national parks, which attract millions of visitors every year.

Tourists watching Old Faithful geyser, Yellowstone National Park

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B C D E F G H

USA: Southwest

THE SOUTHWEST is an area of great contrasts. Much of Oklahoma and Texas consists of flat, rolling grasslands and huge farms, while both Arizona and New Mexico are hot, arid, and mountainous, with vast canyons and river valleys carving their way through the land. Since the discovery of oil in 1901, Texas has become the country's top oil producer with Houston as the center of the billion-dollar industry. Tourism is also important to the Southwest, as visitors flock to see the Grand Canyon, the Painted Desert, and other natural wonders. Buildings here reflect the mix of Latino, American Indian, European American, and modern American cultures.



DESERT LIFE
The saguaro cactus can reach up to 50 ft (15 m) tall, grow as many as 40 branches, and live for 200 years. Cacti, yucca, and other plants have all adapted to the hot, dry desert conditions found in the Southwest. So, too, have many animals, including the deadly rattlesnake.

Saguaro cacti in the Sonoran Desert

0 km 50 100 150 200
0 miles 50 100 150 200



THE GRAND CANYON

The Grand Canyon in northern Arizona is one of the natural wonders of the world. This incredibly deep gorge was slowly cut out of the rock, beginning 6 million years ago, by the Colorado River. People can hike around its edge or venture down into the canyon to camp for the night.



Suburbs of Phoenix, Arizona

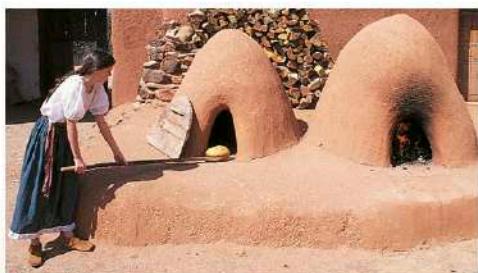
HOT PLACE TO LIVE
The climate across much of the Southwest is hot and dry, with summer temperatures often reaching 100°F (38°C). Although water can be scarce, many people have a swimming pool in their backyard so they can cool off.



Kachina doll made by the Hopi

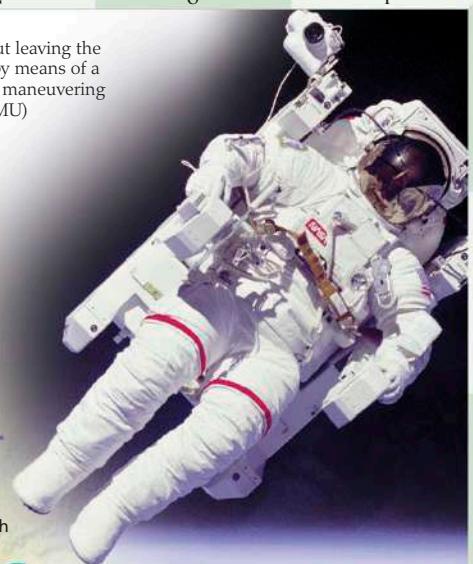


AMERICAN-INDIAN CULTURES
American Indians, including Navajo, Hopi, and Apache, used to live across the Southwest but are now concentrated in reservations set up by the US government. The largest of these is in Arizona and New Mexico, and is home to the Navajo people. The Navajo farm the land and produce crafts, like the woven blanket wrapped around these Navajo children.

**ADOBE HOUSES**

Traditional homes of the Pueblo peoples of the Southwest were made from adobe bricks of sun-baked earth and straw covered with plaster. Dwellings had a flat roof and smooth walls. Modern adobe-style buildings can still be seen in the Southwest, but are often made of concrete and then painted to look like adobe. Here, a woman demonstrates baking bread in an adobe oven.

Astronaut leaving the shuttle by means of a manned maneuvering unit (MMU)





B C D E F G H

Mexico

ONCE HOME TO THE GREAT Aztec and Mayan civilizations and then the focus of Spanish conquistadors who came in search of wealth, Mexico today reflects its colorful past through its culture and architecture. The majority of Mexicans is mestizo (mixed race), of Spanish and native Indian descent.

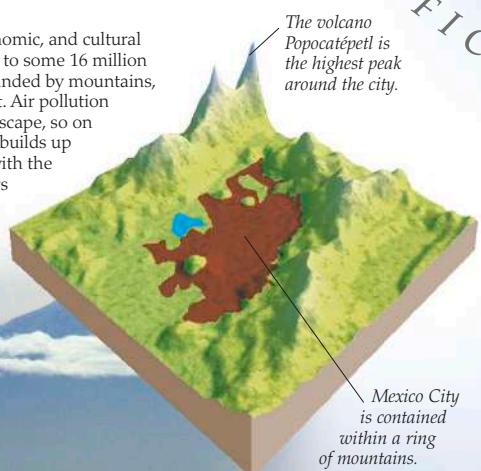
Mexico City, site of the ancient Aztec capital, is today one of the largest cities in the world, with a population of around 21 million. Despite oil and natural gas reserves, and a plentiful supply of labor, large numbers of Mexicans are still poor, especially in the rural areas and the urban slums.

ALONG THE BORDER
In 1994, Mexico signed the North American Free Trade Agreement (NAFTA), which effectively bound its economy to that of the US. A large industrial area has developed along the Mexican border with the US.

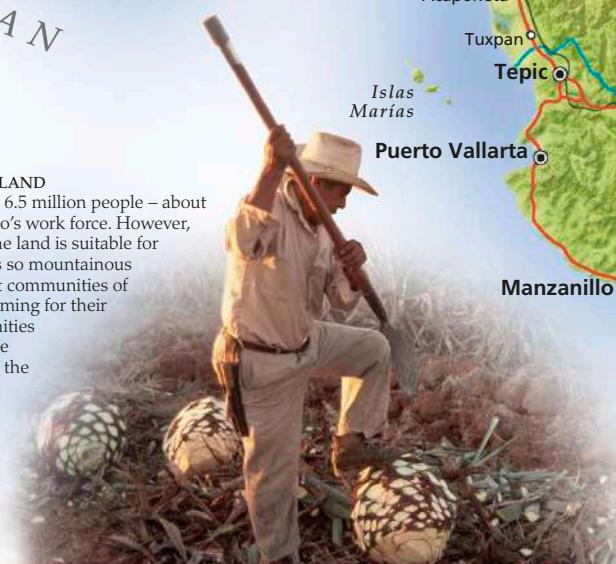


DAY OF THE DEAD
One of the biggest festivals in Mexico is the Day of the Dead. It is believed that once a year the souls of the dead can come back and visit their loved ones. In celebration of this, special food is prepared to welcome the souls, and offerings of flowers, candles, and incense are made at the gravesides.

LIFE IN THE CITY
Mexico City is the political, economic, and cultural hub of the country, and is home to some 16 million people. Its site, in a basin surrounded by mountains, means that expansion is difficult. Air pollution from factories and cars cannot escape, so on most days a thick layer of smog builds up over the city. Attempts to deal with the pollution, including banning cars from some parts, have had limited success.



WORKING ON THE LAND
Agriculture employs 6.5 million people – about one-eighth of Mexico's work force. However, only 12 percent of the land is suitable for farming because it is so mountainous and dry. The peasant communities of the south rely on farming for their food, while communities in the north are more industrialized. Here, the agave plant is being harvested near the town of Tequila.





Mexican selling baskets, Puerto Escondido

TOURIST INDUSTRY

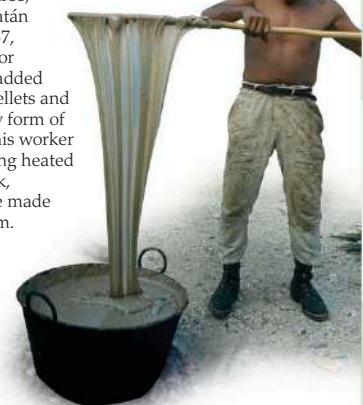
One of Mexico's largest employment sectors is tourism. The tourists are attracted by the numerous beautiful beaches on both the Pacific and Caribbean coasts, as well as Mexico's rich blend of history and culture. Popular tourist sites include the archaeological remains of the Aztec and Mayan civilizations, such as the Mayan ruins of the city of Palenque.



FAMILY TIES

Mexico has a large population, almost half of which are 24 years old or younger. Very often extended families live together in one house, with the mother at the center of the family. Mother's Day remains one of the most important dates in the Mexican calendar.

CHEWING GUM
Chicle is a latex produced by the sapodilla tree, native to the Yucatán Peninsula. In 1867, American inventor Thomas Adams added sugar to chicle pellets and invented an early form of chewing gum. This worker (right) is stretching heated chicle with a stick, preparing it to be made into chewing gum.



MEDIEVAL RULERS

The Aztecs ruled a large part of this region from about 1428 until 1521, when they were conquered by the Spanish. Their capital, Tenochtitlán, was located on the site that is now Mexico City. The influence of this great civilization has left its mark on Mexico – more than 1 million Mexicans speak Nahuatl, the native Aztec language. This feather headdress is thought to have belonged to Moctezuma, the last Aztec ruler.



Aztec headdress

Mexico is the world's main producer of silver, which is mined in the center of the country.





B C D E F G H

Central America

VOLCANOES, EARTHQUAKES, and hurricanes threaten the livelihoods of people in the seven countries of Central America. People here have also struggled with poverty and civil war. In more recent years, however, peace and economic recovery have offered hope, and education is now free in all countries. Remains of the ancient Mayan civilization that flourished until the 16th century, when the Spanish invaded, can be seen throughout the region.

Large numbers of the native population died after the invasion, mostly from disease. Today, Spanish is the main language of the region.

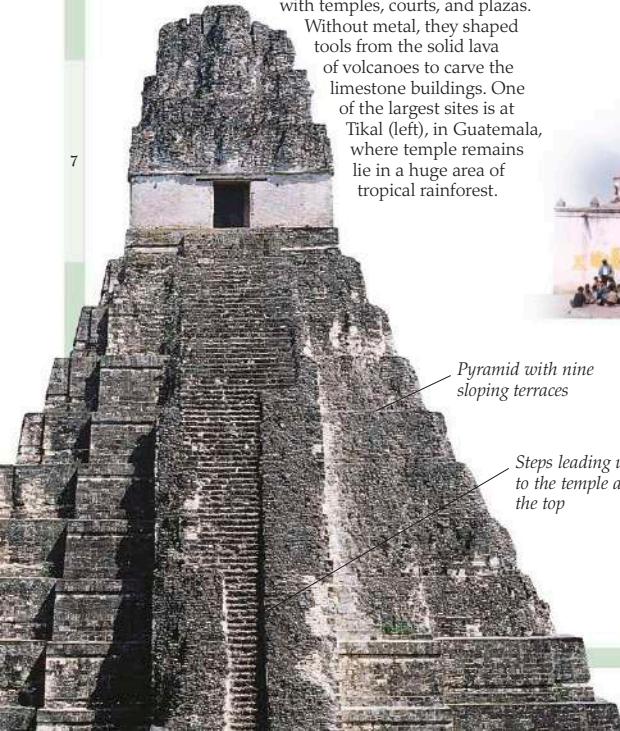


FAUNA AND FLORA

Ecotourism, which encourages visitors but aims to protect and preserve the environment, is increasingly important in the region. In Belize, tourists can dive in the clear, warm waters off the world's second largest barrier reef, and there are wildlife treks to many forest areas. Animals include jaguars, howler monkeys, and butterflies.

TEMPLE PYRAMIDS

Between 250–900 CE, the Maya designed ceremonial centers filled with temples, courts, and plazas. Without metal, they shaped tools from the solid lava of volcanoes to carve the limestone buildings. One of the largest sites is at Tikal (left), in Guatemala, where temple remains lie in a huge area of tropical rainforest.

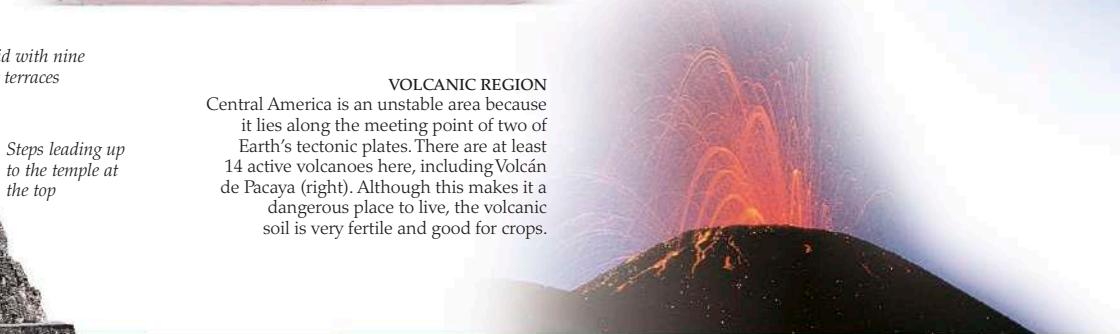


DECORATED CHURCHES

The Spanish colonizers of the 1500s, and the missionaries who came with them, converted the native population and established Roman Catholicism throughout Central America. They also built many fabulously decorated churches. The one shown here, El Merced, is built in a low, squat style to resist the ever-present threat of earthquakes. The majority of people still follow the Roman Catholic faith.

VOLCANIC REGION

Central America is an unstable area because it lies along the meeting point of two of Earth's tectonic plates. There are at least 14 active volcanoes here, including Volcán de Pacaya (right). Although this makes it a dangerous place to live, the volcanic soil is very fertile and good for crops.



Lake Nicaragua is the only freshwater lake in the world that contains sharks.



D E F G H



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FOOD MARKETS

Coffee, bananas, and sugar cane are all key exports from here to the food markets of the world. Most are cultivated on large plantations. However, food for the local population, such as potatoes, avocados, rice, and corn, is grown on small farms and sold at local markets.



NATIVE PEOPLES

These Cuna Indians of Panama wear traditional embroidered clothes. Native Indians and mestizos (people of mixed heritage) form a small minority in the region, although the ethnic mix varies from country to country. In Guatemala, more than half the people are direct descendants of the Maya Indians.



BANANA INDUSTRY

The hot, wet climate of Honduras is perfect for cultivating fruit, such as bananas. These are often grown on huge plantations, which employ local people who may work long hours for very little pay. Once cut down, the bananas are washed, inspected, and packed into boxes to be sent abroad. Bananas are a major export for Honduras.



COFFEE BEANS

Costa Rica was the first country in Central America to grow coffee and today produces more than 165,000 tons each year. Coffee is harvested from the fruit of the coffee bush. Once picked, the beans are left to dry in the sun. This worker is raking the beans as they dry.



Aerial view of the Panama Canal, showing ships passing through the waterway.



PANAMA CANAL
Forming a vital link between the Atlantic and Pacific Oceans, the Panama Canal is one of the world's busiest waterways. After sharing the canal with the US, Panama took full control in 1999. Over the years, trade has made Panama City a major financial center.





B C D E F G H

The Caribbean

THIS REGION CONSISTS of thousands of islands stretching from Cuba in the west to Trinidad and Tobago in the southeast. European colonists wanted control of the islands in the 1500s, but the diseases they brought wiped out most of the local Carib and Arawak peoples. African slaves, imported to work on plantations, replaced local peoples and today most of the population are descended from those Africans. English, Spanish, and French are spoken in different countries, depending on which European power claimed the territory. Tourism and agriculture are major sources of employment.

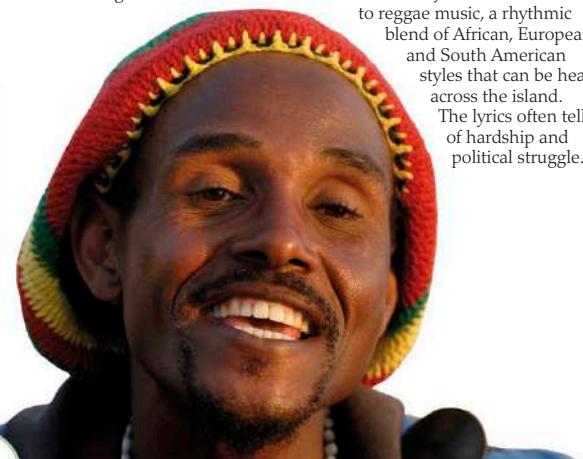
**CUBA**

Cuba is the largest island and the only communist country in the region. It was supported by the communist superpower, the USSR, until the USSR collapsed in 1991, at which time many Cubans suffered great economic hardship. The Cuban government invested its money in improving social services. The people benefit from a good health service and a high literacy rate. Children who complete pre-university education are awarded the *Bachillerato*.

JAMAICA

The Rastafarian religion began in Kingston, Jamaica, in the 1930s. Followers worship Haile Selassie, the former emperor of Ethiopia (Ras Tafari), and believe that God will lead black people back to Ethiopia, the Promised Land. Jamaica is also home to reggae music, a rhythmic blend of African, European, and South American styles that can be heard across the island. The lyrics often tell of hardship and political struggle.

Rastafarian, whose religion forbids him from cutting his hair



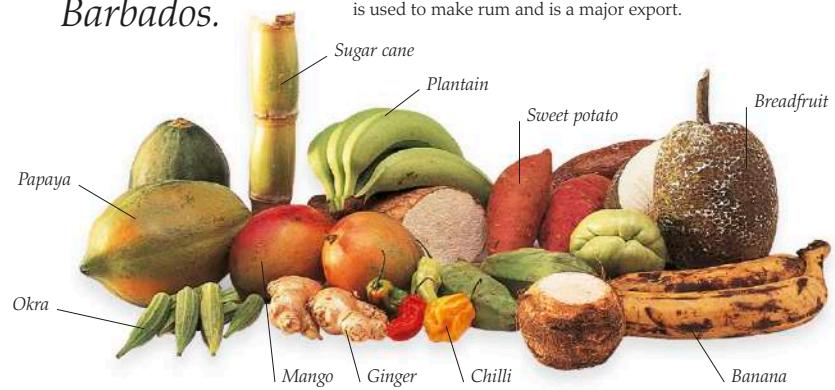
Cuba specializes in making top-quality cigars.

The most densely populated country in the Caribbean is Barbados.

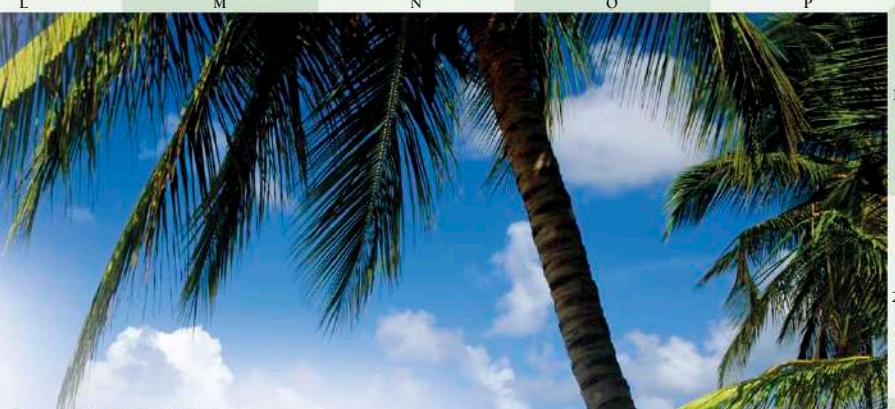
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CARIBBEAN CROPS

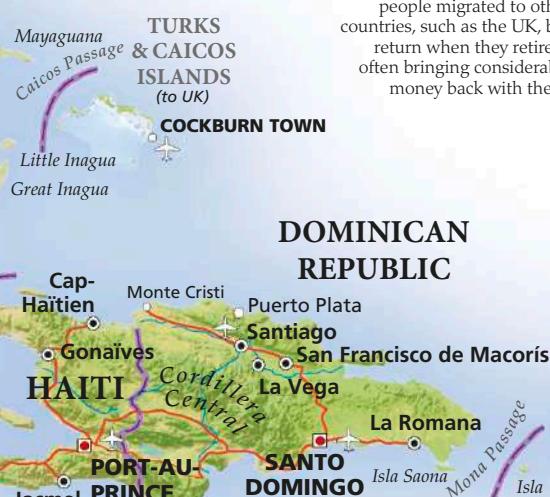
The semi-tropical climate here creates ideal conditions for many crops, especially sugar. The growing and processing of sugar is an important industry in Cuba, Jamaica, and many of the Lesser Antilles, providing jobs and income for the region. Fermented cane sugar is used to make rum and is a major export.



HURRICANES
The Caribbean islands can be devastated by hurricanes between May and October each year. These powerful and damaging storms occur when a normal storm builds up energy as it moves across the Atlantic Ocean. Eventually, violent winds and torrential rain are released on the islands.



Tropic of Cancer



FAMILY LIFE
Family is very important here, and is usually the center of everyday life. Some Caribbean people migrated to other countries, such as the UK, but return when they retire—often bringing considerable money back with them.



TROPICAL ISLES
White sands and warm seas attract vast numbers of visitors to these islands. Tourism is important to the economies of many countries including the Bahamas and the Dominican Republic. Many people work in tourism-related jobs, such as in hotels.

DOMINICAN REPUBLIC

n t i l l e s

HAITI
Haiti was the first Caribbean country to become independent. However, political unrest, combined with poor soil and natural disasters, have made Haiti one of the poorest countries in the world. Health care and sanitation levels are poor and, as a result, life expectancy is low.

Haitian man selling flowers

COLOMBIA

ARUBA
(Netherlands)
ORANJESTAD

CURAÇAO
(Netherlands)
KRALENDIJK
WILLEMSTAD

VENEZUELA



A TIME TO CELEBRATE
The celebration of Diwali (Hindu), Eid ul-Fitr (Muslim), and Christmas (Christian) reflect the varied religions of people in Trinidad and Tobago. The woman above is dressed for Carnival in Port of Spain to mark the beginning of the Christian season of Lent.



BRITISH VIRGIN ISLANDS

(to US)

ROAD TOWN

(to Netherlands)

CHARLOTTE AMALIE

(to Netherlands)

BASSETERRE

(to UK)

Saint Kitts & Nevis

(to UK)

MONTSERRAT

(to UK)

BASE-TERRE

(to UK)

DOMINICA

(to France)

ROSEAU

(to France)

MARTINIQUE

(to France)

FORT-DE-FRANCE

(to France)

ST LUCIA

(to UK)

CASTRIES

(to UK)

Saint Vincent

(to UK)

KINGSTOWN

(to UK)

SAINT VINCENT & THE GRENADINES

(to UK)

GRENADA

(to UK)

ST GEORGE'S

(to UK)

TRINIDAD & TOBAGO

(to UK)

PORT-OF-SPAIN

(to UK)

Trinidad

(to UK)

San Fernando

(to UK)

Gulf of Paria

(to UK)

Tobago

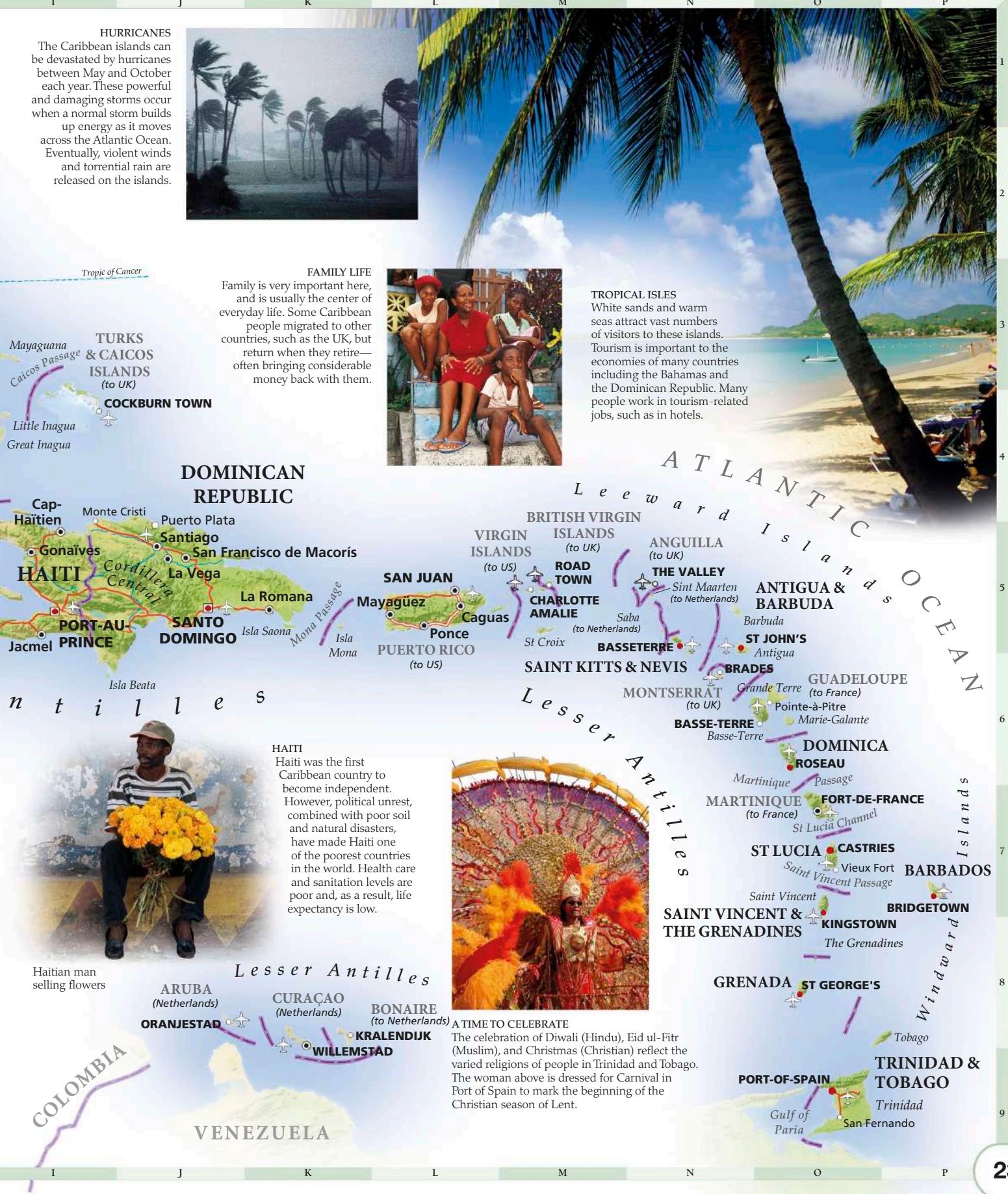
(to UK)

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SOUTH AMERICA

Although South America is much poorer than its northern neighbor, it is rich in natural resources. Its mineral wealth led to its invasion by the Portuguese and Spanish in the 1500s, and their languages and culture still shape the lives of the people here. The nations below are listed in order of area, headed by Brazil—the world's fifth largest country.

Brazil  3,287,957 sq miles 8,515,770 sq km 205,824,000 Brasília  Portuguese, German, Italian, Spanish, Polish, Japanese, Amerindian languages	Venezuela  352,144 sq miles 912,050 sq km 30,912,000 Caracas  Spanish, Amerindian languages		Latin American culture is world famous, thanks to its infectious music and dance. Here a couple in Buenos Aires, Argentina, demonstrate the art of the tango.
Bolivia  424,164 sq miles 1,098,581 sq km 10,970,000 La Paz  Aymara, Quechua, Spanish	Chile  291,933 sq miles 756,102 sq km 17,650,000 Santiago  Spanish, Amerindian languages		
Argentina  1,073,518 sq miles 2,780,400 sq km 43,887,000 Buenos Aires  Spanish, Italian, Amerindian languages	Paraguay  157,048 sq miles 406,752 sq km 6,863,000 Asunción  Guaraní, Spanish, German	Ecuador  109,484 sq miles 283,561 sq km 16,081,000 Quito  Spanish, Quechua, other Amerindian languages	
Peru  496,225 sq miles 1,285,216 sq km 30,741,000 Lima  Spanish, Quechua, Aymara		Guyana  83,000 sq miles 214,969 sq km 736,000 Georgetown  English Creole, Hindi, Tamil, Amerindian languages, English	Uruguay  68,037 sq miles 176,215 sq km 3,351,000 Montevideo  Spanish
Colombia  439,736 sq miles 1,138,910 sq km 47,221,000 Bogotá  Spanish, Wayuu, Páez, and other Amerindian languages		Soccer is a national passion in Brazil. Most of these barefoot boys on Ipanema beach, Rio de Janeiro, will be dreaming of playing for Brazil in the World Cup.	Suriname  63,251 sq miles 163,820 sq km 585,800 Paramaribo  Sranan (creole), Dutch, Javanese, Sarami Hindi, Saramaccan (creole), Chinese, Carib



Hidden high in the Andes, the ruined city of Machu Picchu is a spectacular symbol of the Inca empire of Peru that was destroyed by the Spanish invasion.

» South America



Northwest South America

HIGH MOUNTAINS AND PLATEAUS, dense tropical rainforest, and coastal swamps are found in this region. In the 16th century, promises of untold riches attracted the Spanish to the countries here. They found the vast empire of the Incas, which stretched from what is now Peru into northern Colombia. To the north and east, other colonizers—Dutch, English, and French—arrived. Today, although the countries are independent, with the exception of French Guiana, Spanish remains the main language. The population is mainly a mix of native peoples and Europeans, except along the Caribbean coast where descendants of former African slaves live.

C a r i b b e a n



A N D E S M O U N T A I N S

The Andes, the world's longest mountain chain, extends 4,505 miles (7,250 km) down the western edge of South America. Barley, wheat, and potatoes grow well in highland areas, and

are cultivated on the terraced hillsides.

F R E N C H G U I A N A

French Guiana is the only remaining colony in South America, and is governed by France. Tropical forests cover more than four-fifths of its land. In 1968, the European Space Agency established a launch site on the coast at Kourou, which is still used today.

4

C A R A C A S

Caracas is the capital of Venezuela. It sits on a plateau above the Caribbean Sea.

5

V E N E Z U E L A

Venezuela's capital city, Caracas, sits on a plateau above the Caribbean Sea. The country has large oil reserves and is one of the world's leading oil producers.

6

S U R I N A M E

Suriname's capital city, Paramaribo, is located on the Suriname River. The country is known for its tropical rainforests and diamond mining.

7

C A R A C A S

Caracas is the capital of Venezuela. It sits on a plateau above the Caribbean Sea.

8

C A R A C A S

Venezuela's capital city, Caracas, sits on a plateau above the Caribbean Sea. The country is known for its tropical rainforests and diamond mining.



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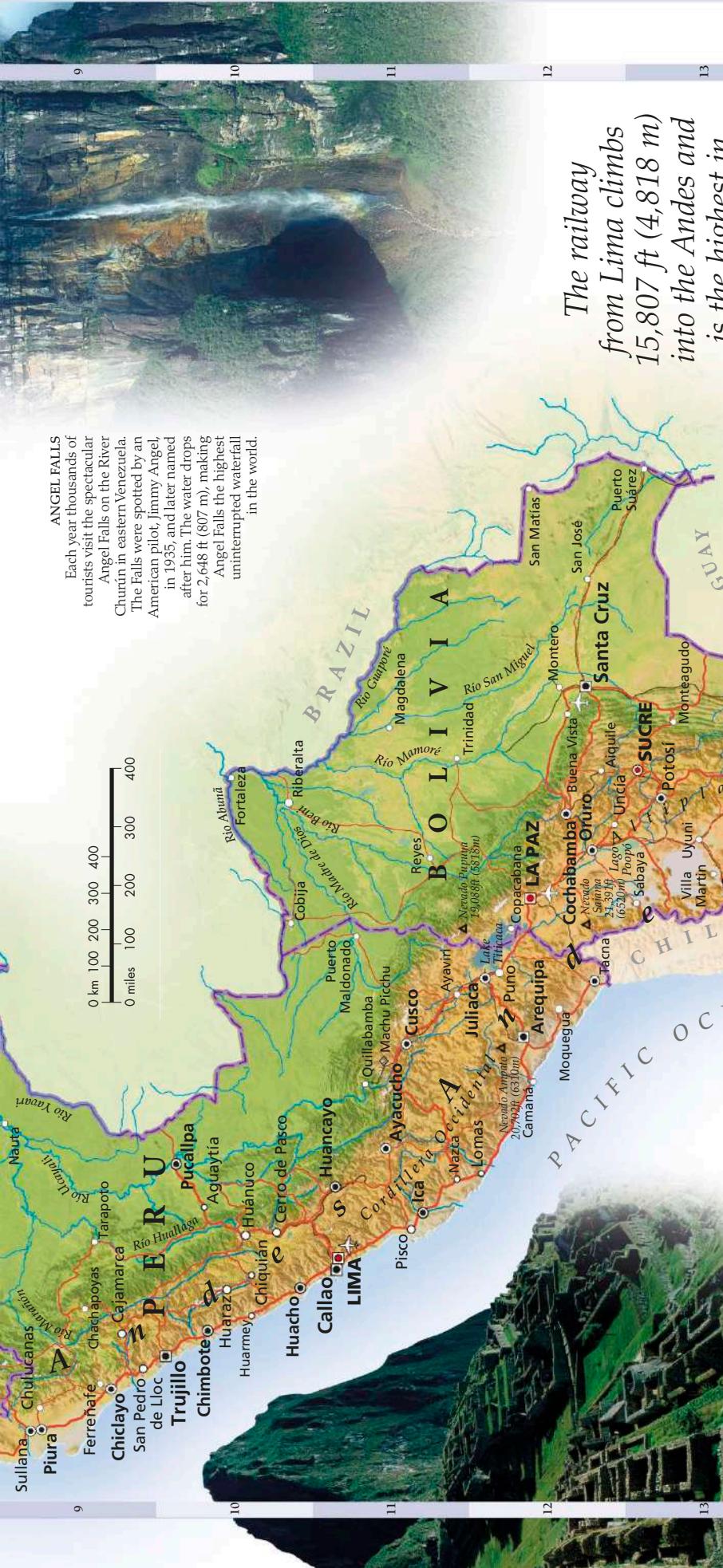
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Northwest South America



The railway from Lima climbs 15,807 ft (4,818 m) into the Andes and is the highest in the Americas.

THE INCAS

The Incas first lived in the mountainous area near Cusco in Peru. By the time of the Spanish invasion, the Inca Empire extended north into southern Colombia and south through Bolivia and into Argentina and Chile. The Quechua Indians were the most powerful group in the empire, and their was the official language. The Quechua and Aymara peoples now live on the high plains in the Andes.



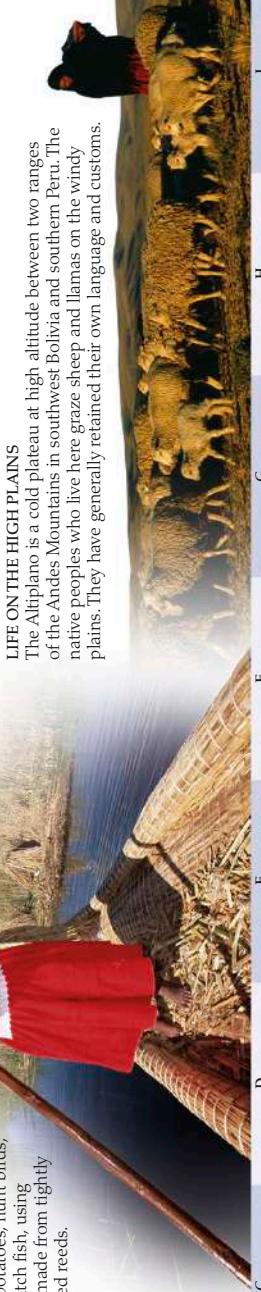
Quechua woman in Peru

MACHU PICCHU
The conquering Spaniards never found the remains of this important Inca city—it remained a secret until Hiram Bingham, an American archaeologist and explorer, discovered its ruins hidden in the forest in 1911. Situated on a high ridge northwest of Cusco, this magnificent ruined city covers 5 sq miles (13 sq km), and has small houses, temples, and stairways built around a central square.



MINERALS
Many countries in this area have extensive reserves of gold, silver, copper, and gems. Colombia produces more than half the world's emeralds. The Incas made good use of these resources and created many beautiful golden objects, such as this llama.

LAKE TITICACA
At 12,507 ft (3,812 m), Lake Titicaca is the highest navigable lake in the world. It is also South America's largest lake. The Uru people live here in houses built on huge, floating reed islands. They grow potatoes, hunt birds, and catch fish, using boats made from tightly bundled reeds.



LIFE ON THE HIGH PLAINS
The Altiplano is a cold plateau at high altitude between two ranges of the Andes Mountains in southwest Bolivia and southern Peru. The native peoples who live here graze sheep and llamas on the windy plains. They have generally retained their own language and customs.



Brazil

THE VIBRANT CULTURE OF BRAZIL—with its fusion of music and dance—reflects the rich mix of its ethnic groups. The country also boasts immense natural resources with well-developed mining and manufacturing industries. Brazil grows all its own food and exports large quantities of coffee, sugar cane, soya beans, oranges, and cotton. However, the wealth is not evenly distributed, with some people living in luxury while most struggle with poverty. São Paulo is home to more than 21 million people, but poverty and lack of housing means that many live in shantytowns without running water or sanitation. Brazil was colonized in the 16th century by the Portuguese, who established their language and their Roman Catholic faith. It remains a deeply Catholic country with a strong emphasis on family life.



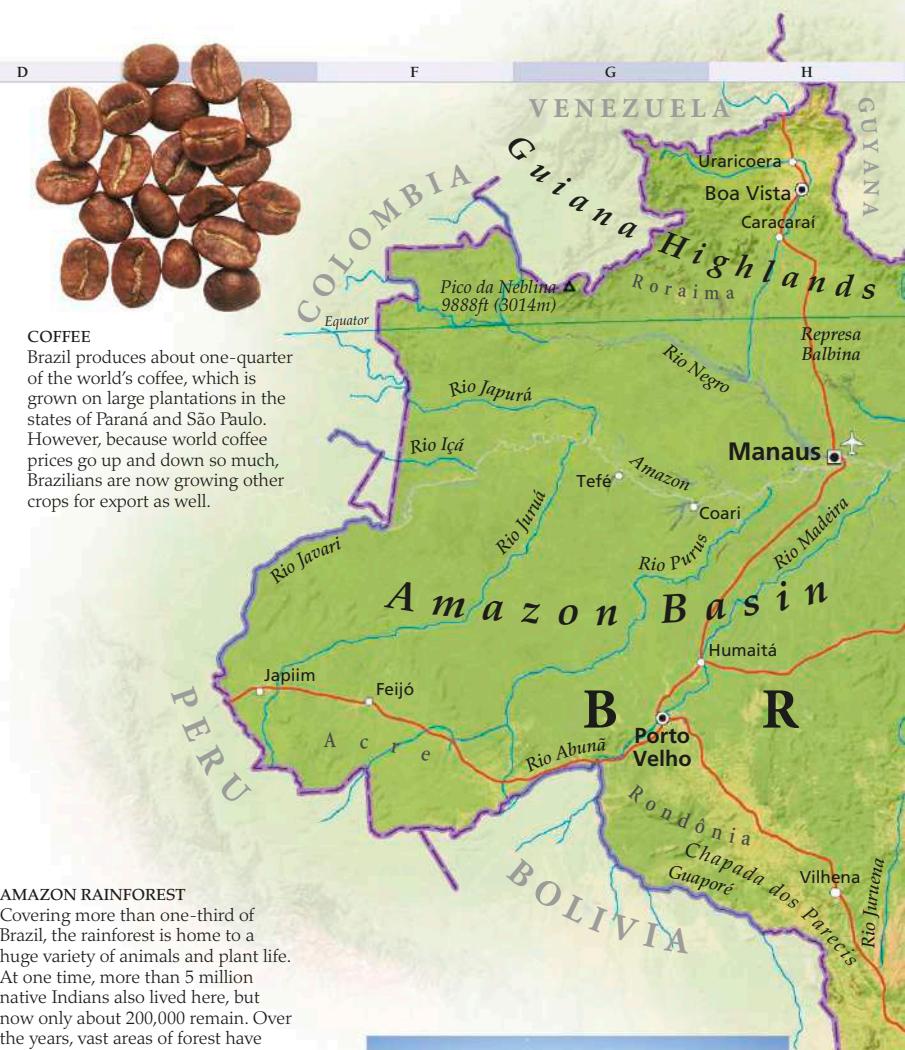
SOCER ENTHUSIASTS

Brazilians are passionate about soccer, which is played everywhere from beaches to shantytowns. There is fervent support for the national team, which has won the World Cup more times than any other country, most recently in 2002.



COFFEE

Brazil produces about one-quarter of the world's coffee, which is grown on large plantations in the states of Paraná and São Paulo. However, because world coffee prices go up and down so much, Brazilians are now growing other crops for export as well.



AMAZON RAINFOREST

Covering more than one-third of Brazil, the rainforest is home to a huge variety of animals and plant life. At one time, more than 5 million native Indians also lived here, but now only about 200,000 remain. Over the years, vast areas of forest have been cut down to provide timber for export, to make way for farmland, or to mine minerals such as gold, silver, and iron. The Kaxinawa Indians (left) still cultivate root vegetables as a food crop.



Brazilian morpho butterfly with brilliant blue wings lives in rainforests from Brazil to Venezuela.



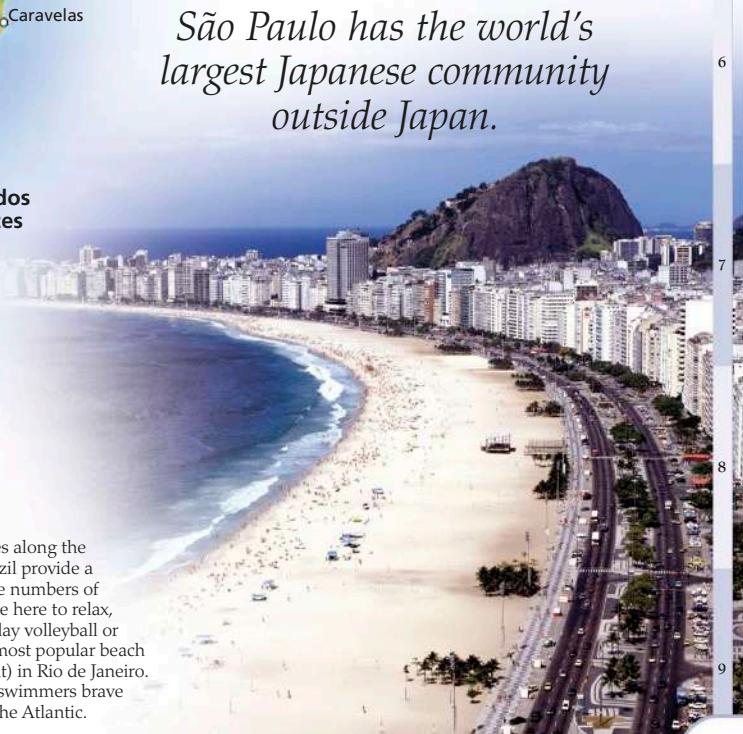
BRASÍLIA

Brasília replaced Rio de Janeiro as Brazil's capital in 1960 as part of a scheme to develop the interior of the country. Situated on land that was once rainforest, the city is laid out in the shape of an airplane. Government buildings are in the "cockpit," and residential areas are in the "wings."



PEOPLE OF BRAZIL

Brazilians come from a variety of different ethnic groups, including descendants of the original native Indians, the Portuguese colonizers, African slaves brought over to work in the sugar plantations, and European migrants.



» South America

Southern South America

TOWERING MOUNTAINS, vast grassy plains, and hot deserts create a very diverse geographical landscape. The four countries in this region—Chile, Paraguay, Uruguay, and Argentina—were once Spanish colonies but gained their independence in the early 1800s. Each country has an elected government but their economies remain fragile. Most of the population speak Spanish and are mestizo—of mixed Spanish and native Indian descent—except for Argentina, where up to 97 percent are descended from Europeans.



ITAIPU DAM

The enormous Itaipú dam on the Parana River in Paraguay is one of the world's largest hydroelectric projects. It generates 75 percent of the electricity Paraguay needs as well as large amounts for export.



A mix of Colonial Spanish, Italian, and Art Deco styles of architecture shows Montevideo's rich history.

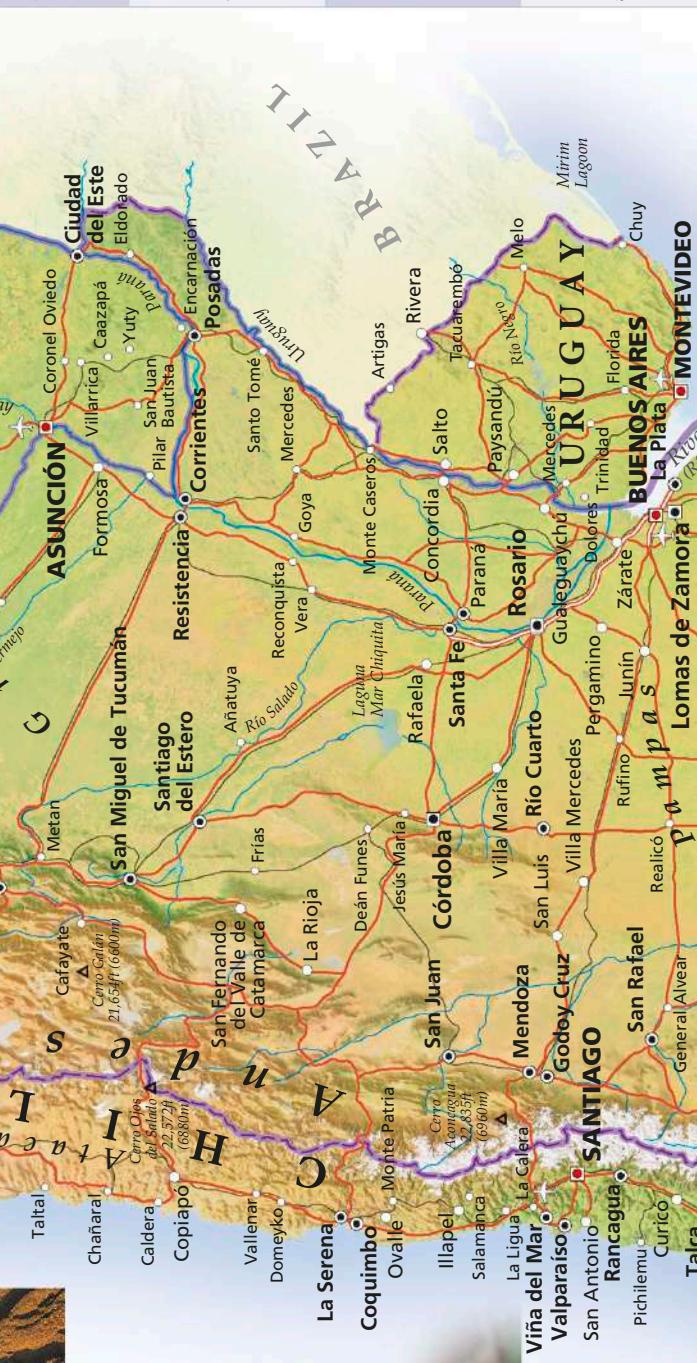


ATACAMA DESERT

Sandwiched between the high Andes and the sea, the Atacama Desert in northern Chile is one of the hottest and driest areas in the world. Rain hardly ever falls here. This harsh landscape, however, is rich in copper deposits.



URUGUAY'S CAPITAL
The capital of Uruguay, Montevideo, is home to nearly half the country's population. It is also the main port and economic center. This lively capital lies on the east bank of the Río de la Plata, and is a popular holiday resort because of its white sandy beaches.



CHILEAN EDUCATION

Chile has a relatively high literacy rate (ability to read and write). This may be because between the ages of 6 and 18 schooling is both free and compulsory.



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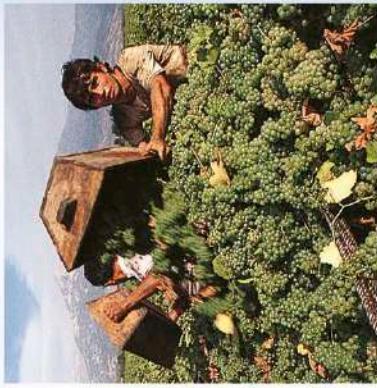
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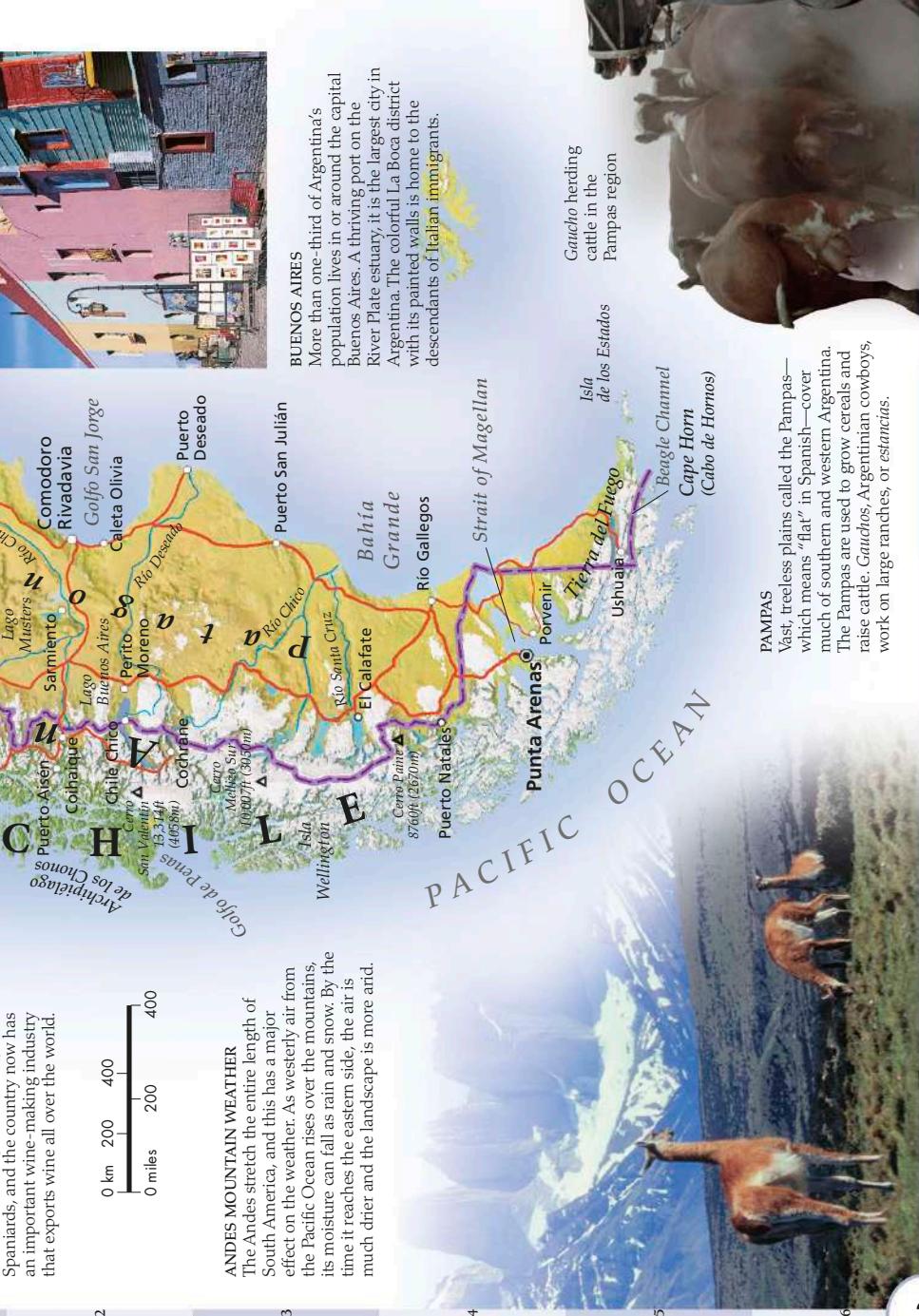
Southern South America



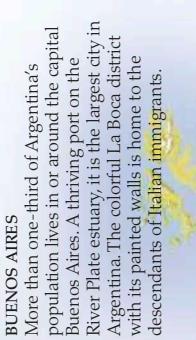
WINES FROM CHILE
About 90 percent of Chileans live in the central region, where the rich soil is ideal for a wide range of agriculture. Vines were brought to Chile by the Spaniards, and the country now has an important wine-making industry that exports wine all over the world.



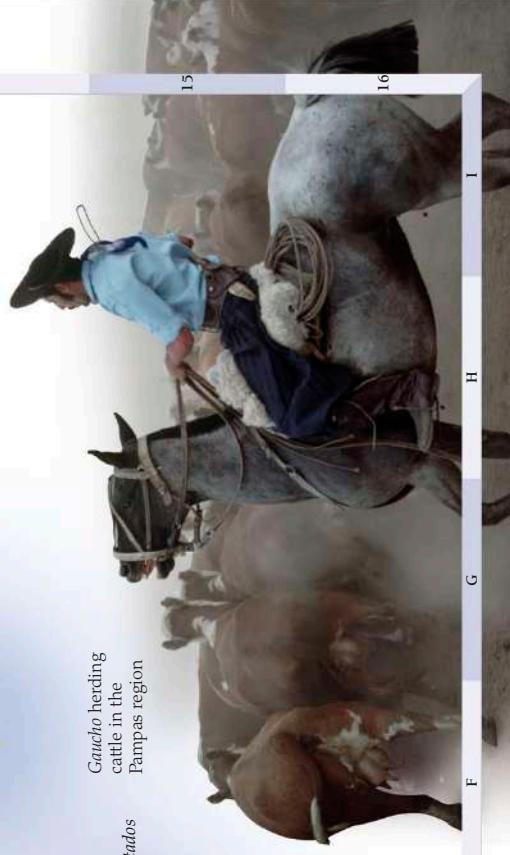
DANCING THE TANGO
Popular around the world today, the tango originated in the slums of Buenos Aires in the late 1800s. This passionate dance with its characteristic rhythm is accompanied by music on a type of concertina known as a *bandoneón*, together with piano and violin.



CHILE HAS A LARGE CONCENTRATION OF ASTRONOMICAL OBSERVATORIES BECAUSE OF ITS EXCEPTIONALLY CLEAR SKIES.



BUENOS AIRES
More than one-third of Argentina's population lives in or around the capital Buenos Aires. A thriving port on the River Plate estuary, it is the largest city in Argentina. The colorful La Boca district with its painted walls is home to the descendants of Italian immigrants.



PAMPAS
Vast, treeless plains called the Pampas—which means “flat” in Spanish—cover much of southern and western Argentina. The Pampas are used to grow cereals and raise cattle. Gauchos, Argentinian cowboys, work on large ranches, or *estancias*.



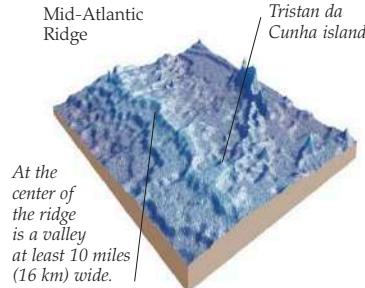


B C D E F G H

Atlantic Ocean

THE WORLD'S SECOND-LARGEST OCEAN, the Atlantic separates the Americas from Europe and Africa. The Atlantic is the world's youngest ocean, starting to form about 180 million years ago, as the continental plates began to separate. This movement continues today, as the oceanic plates that meet at the Mid-Atlantic Ridge continue to pull apart. The Atlantic is a major source of fish but, due to overfishing, stocks are now low. Many shipping routes cross the Atlantic, and pollution is an international problem as ships dump chemicals and waste. There are substantial reserves of oil and gas in the Gulf of Mexico, off the coast of west Africa, and in the north Atlantic.

WARM CURRENTS
The Gulf Stream flows up the east coast of North America and across the Atlantic. It brings warm water and a mild climate to northern Europe, which would otherwise be cooler.



UNDERWATER MOUNTAINS
The Mid-Atlantic Ridge is a great underwater mountain chain that runs the entire length of the Atlantic. It was formed by magma that oozed up from the sea bed, cooled to create solid rock, and gradually built up to form a ridge. Some peaks are so high that they break the surface to form volcanic islands, such as the country of Iceland.

WHALES
Many whales live in the Atlantic, migrating from summer feeding grounds in the cold polar regions to warmer waters in the Caribbean for the winter. They give birth and mate again before returning north.

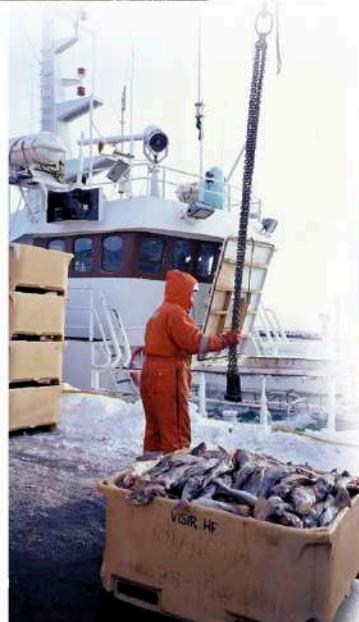


FALKLANDS
Set in the windy south Atlantic off the coast of Argentina, the Falkland Islands belong to the UK but are also claimed by Argentina. Fishing and sheep farming are important. The land is rocky, mountainous, boggy, and almost treeless.

GREENLAND
The largest island in the world, Greenland is a self-governing part of Denmark. Most Greenlanders live on the southwest coast. Mainly Inuit, with some Danish-Norwegian influences, they make their living by seal hunting, fishing, and fur trapping.



TOURISM
The volcanic islands and black beaches of the eastern Atlantic, especially the Canaries (left), Madeira, and the Azores, are popular with tourists, who are attracted by the scenery and subtropical climate.



ATLANTIC FISHING INDUSTRY
The Atlantic Ocean contains more than half the world's total stock of fish. Herring, anchovy, sardine, cod, flounder, and tuna are among the most important fish found here. However, overfishing, particularly of cod and tuna, has caused a significant decline in numbers.



Atlantic Ocean



Mineral-rich waters in the Blue Lagoon, Iceland, are said to be beneficial to people's health.

ICELAND

Iceland is situated in the north Atlantic on the Mid-Atlantic Ridge. As a result, it has at least 20 active volcanoes and suffers frequent earthquakes. There are numerous thermal springs with boiling mud lakes and geysers.

Water from hot springs (above) is used to provide hot water and heating for much of Iceland's population, most of whom live on the coast. The warm Gulf Stream ensures that the country's ports stay ice-free in winter.

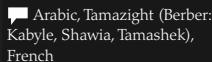
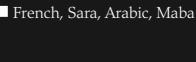
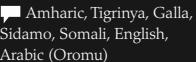
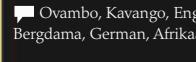
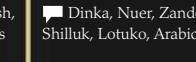
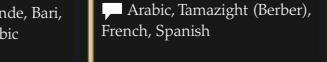
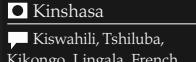
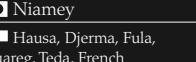
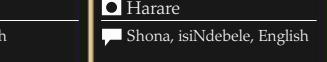
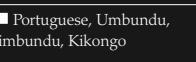
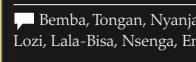
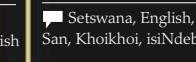
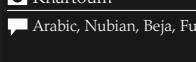
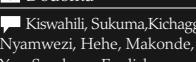
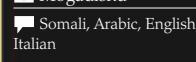
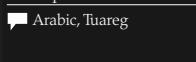
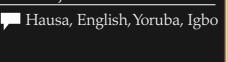
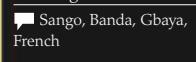
The Atlantic covers one-fifth of Earth's surface.

ICEBERGS

Icebergs in the Atlantic Ocean are formed when icesheets and glaciers reach the sea. Parts break off and start to drift, driven by winds and currents.

AFRICA

Covering one-fifth of the world's land area, Africa has a rapidly growing population. Many of its 53 nations—listed below in order of size—are desperately poor. This is partly due to hostile climates, especially in and around the vast Sahara desert, but also because of a history of political turmoil, ethnic tension or conflict and, in some countries, war. Despite this, African culture is among the most vibrant on Earth.

Algeria	Chad	Ethiopia	Namibia	South Sudan	Morocco
 919,595 sq miles 2,381,741 sq km  40,264,000  Algiers 	 495,755 sq miles 1,284,000 sq km  11,852,000  N'Djamena 	 426,373 sq miles 1,104,300 sq km  102,374,000  Addis Ababa 	 318,261 sq miles 824,292 sq km  2,436,000  Windhoek 	 248,777 sq miles 644,329 sq km  12,531,000  Juba 	 172,414 sq miles 446,550 sq km  33,656,000  Rabat 
 905,355 sq miles 2,344,858 sq km  81,331,000  Kinshasa 	 489,191 sq miles 1,267,000 sq km  18,639,000  Niamey 	 397,955 sq miles 1,030,700 sq km  3,677,000  Nouakchott 	 308,642 sq miles 799,380 sq km  25,930,000  Maputo 	 226,658 sq miles 587,041 sq km  24,430,000  Antananarivo 	 150,872 sq miles 390,757 sq km  14,547,000  Harare 
 132,946 sq miles 342,000 sq km  4,852,000  Brazzaville 	 481,354 sq miles 1,246,700 sq km  20,172,000  Luanda 	 386,662 sq miles 1,001,450 sq km  94,667,000  Cairo 	 290,587 sq miles 752,618 sq km  15,511,000  Lusaka 	 224,607 sq miles 581,730 sq km  2,209,000  Gaborone 	 124,504 sq miles 322,463 sq km  23,740,000  Yamoussoukro 
 718,723 sq miles 1,861,484 sq km  36,730,000  Khartoum 	 478,841 sq miles 1,240,192 sq km  17,467,000  Bamako 	 365,755 sq miles 947,300 sq km  52,483,000  Dodoma 	 246,201 sq miles 637,657 sq km  10,817,000  Mogadishu 	 224,081 sq miles 580,367 sq km  46,791,000  Nairobi 	 105,869 sq miles 274,200 sq km  19,513,000  Ouagadougou 
 679,362 sq miles 1,759,540 sq km  6,542,000  Tripoli 	 470,693 sq miles 1,219,090 sq km  54,301,000  Pretoria 	 356,669 sq miles 923,768 sq km  186,053,000  Abuja 	 240,535 sq miles 622,984 sq km  5,507,000  Bangui 	 183,568 sq miles 475,440 sq km  24,361,000  Yaoundé 	 103,347 sq miles 267,667 sq km  1,739,000  Libreville 

Guinea		Malawi									
<p>49,926 sq miles 245,857 sq km 12,093,000 Pulaar, Malinké, Sousou, French</p>		<p>45,747 sq miles 118,484 sq km 18,570,000 Chewa, Lomwe, Yao, Ngoni, English</p>									
Uganda		Eritrea		Togo							
<p>93,065 sq miles 241,038 sq km 38,319,000 Luganda, Nkole, Chiga, Lango, Acholi, Teso, Lugbara, English</p>		<p>45,406 sq miles 117,600 sq km 5,870,000 Tigrinya, English, Tigre, Afar, Arabic, Saho, Bilen, Kunama, Nara, Hedareb</p>		<p>21,925 sq miles 56,785 sq km 7,757,000 Ewe, Kabye, Gurma, French</p>							
Ghana		Benin		Guinea-Bissau		Burundi		Swaziland		Comoros	
<p>92,098 sq miles 238,533 sq km 26,908,000 Twi-Fanti, Ewe, Ga, Adangbe, Gurma, Dagomba (Dagbani)</p>		<p>43,484 sq miles 112,622 sq km 10,741,000 Fon, Bariba, Yorùbá, Adja, Houeda, Somba, French</p>		<p>13,948 sq miles 36,125 sq km 1,759,000 Portuguese Creole, Balante, Fula, Malinké, Portuguese</p>		<p>10,745 sq miles 27,830 sq km 11,099,000 Kirundi, French, Kiswahili</p>		<p>6,704 sq miles 17,364 sq km 1,451,000 English, siSwati, isiZulu, Xitsonga</p>		<p>863 sq miles 2,235 sq km 795,000 Arabic, Comorian, French</p>	
Senegal		Liberia		Lesotho		Rwanda		Gambia, The		Mauritius	
<p>75,955 sq miles 196,722 sq km 14,320,000 Wolof, Pulaar, Serer, Diyula, Mandinka, Malinké, Soninke, French</p>		<p>43,000 sq miles 111,369 sq km 4,300,000 Kpelle, Vai, Bassa, Kru, Grebo, Kissi, Gola, Loma, English</p>		<p>11,720 sq miles 30,355 sq km 1,953,000 English, Sesotho, isiZulu</p>		<p>10,169 sq miles 26,338 sq km 12,988,000 Kinyarwanda, French, Kiswahili, English</p>		<p>4,363 sq miles 11,300 sq km 2,010,000 Mandinka, Fula, Wolof, Jola, Soninke, English</p>		<p>788 sq miles 2,040 sq km 1,348,000 French Creole, Hindi, Urdu, Tamil, Chinese, English, French</p>	
Tunisia		Sierra Leone		Equatorial Guinea		Djibouti		Cape Verde		São Tomé and Príncipe	
<p>63,170 sq miles 163,610 sq km 11,135,000 Arabic, French</p>		<p>27,699 sq miles 71,740 sq km 6,019,000 Mende, Temne, Krio, English</p>		<p>10,831 sq miles 28,051 sq km 759,400 Spanish, Fang, Bubi, French</p>		<p>8,958 sq miles 23,200 sq km 846,700 Somali, Afar, French, Arabic</p>		<p>1,557 sq miles 4,033 sq km 553,400 Portuguese Creole, Portuguese</p>		<p>372 sq miles 964 sq km 197,500 Portuguese Creole, Portuguese</p>	



B C D E F G H

Northwest Africa

FOUR COUNTRIES, plus the disputed area of Western Sahara, make up this part of Africa. Algeria, Libya, and Tunisia have rich supplies of oil and natural gas that boost their economies. Morocco relies on tourism, phosphates used for chemicals and fertilizer, and agriculture. In the fertile valleys of the Atlas Mountains, farmers grow grapes, citrus fruit, dates, and olives. The area also attracts tourists to its colorful markets, historical sites, and sandy beaches. The Sahara Desert dominates the region, particularly in Algeria and Libya.



ARAB INFLUENCE
Arab invasions during the 7th and 11th centuries have influenced the culture, religion (Islam), architecture, and language of northwest Africa. Today, Arabic is the main language, and more than 95 percent of the people here are Muslim.



MOROCCAN MARKET
In a souk, or market, craftworkers sell handmade products to tourists. Goods are displayed in booths along the bustling streets.

Muslims going to worship at the Hassan II mosque in Casablanca, Morocco



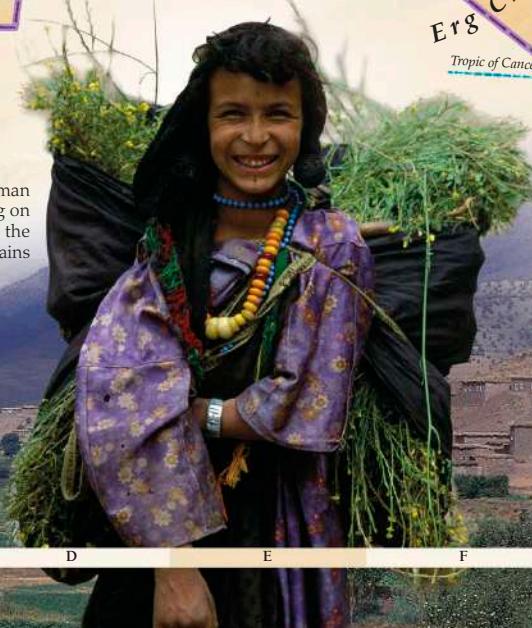
BERBERS
The Berber people were the original inhabitants of northwest Africa. Most now live in the Atlas Mountains or the desert. Although most Berbers converted to Islam when the Arabs arrived, they kept their own language and way of life. In 2001, Algeria recognized Berber (Tamazight) as an official language.

Berber woman working on the land in the Atlas Mountains



SUN AND SEA

Many tourists visit Tunisia and Morocco each year to enjoy the warm climate and sandy beaches. Tourism provides jobs for the local people and brings much-needed income.



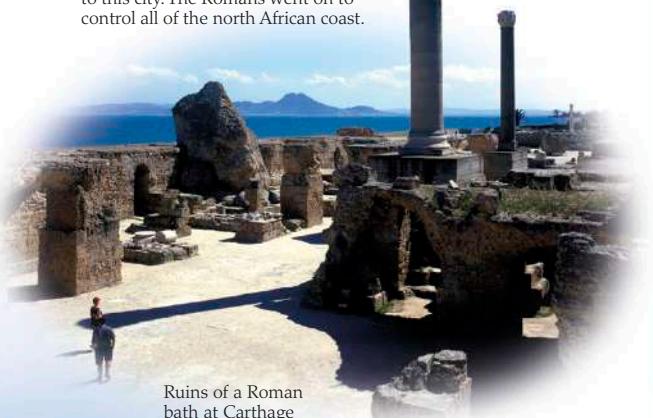
A B C D E F G H



DATE PALMS
Dates are an important crop for Algeria and Tunisia. Date palms are often grown at oases, where water lies close to the surface of the desert. Here, the clusters of dates are shown ripening beneath polythene. Leaves from the trees can be used for thatch and the trunk is cut for timber.

**ANCIENT RUINS**

Phoenicians, Romans, and Greeks from ancient times have all left their mark on this part of Africa. Today, tourists come to admire the historical sites along the coast. These ruins of Carthage, near Tunis, date from 146 BCE, when Romans laid waste to this city. The Romans went on to control all of the north African coast.



The seeds from dates can be roasted and ground to make a traditional date coffee.



Libyan oil field

SURVIVAL IN THE SAHARA

The Sahara Desert covers almost one-third of Africa and is an inhospitable place to live with high daytime temperatures and freezing nights. The Tuareg are nomads for whom the desert is home. Traditionally, they keep camels for transport and to provide meat, milk, and hides. Many Tuareg now live in mountain areas or dwell in the cities.



Tuareg nomads in the Sahara carrying salt to trade in markets

0 km 100 200
0 miles 100 200

LIBYAN OIL RESOURCES

The discovery of oil and gas in 1959 brought considerable wealth to Libya, and by 2010 oil and gas made up 95 percent of the country's exports. Since 2015, however, civil war, political chaos, and low oil prices have made life hard for Libyans.

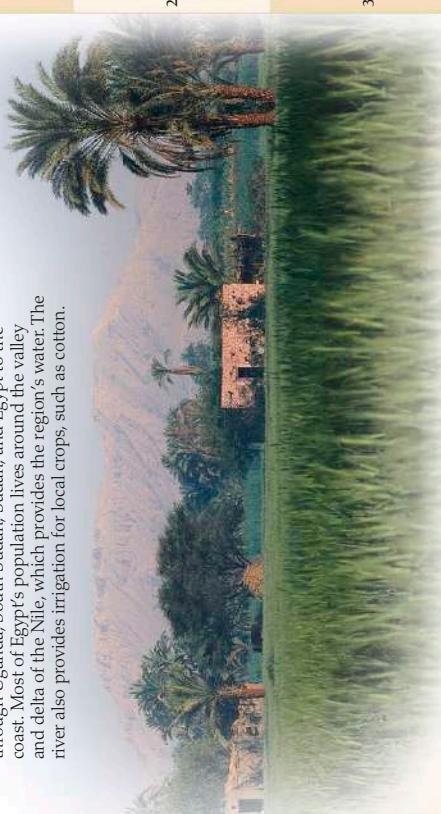
Northeast Africa

THIS REGION, KNOWN AS the Horn of Africa, contains the oldest civilizations in the continent, and some of its poorest countries. The borders that divide the countries today were mostly created by colonial rulers in the last hundred years. Pastoral nomads with their herds of animals often cross these borders in search of pasture. Most people still live in the countryside and farm the land, but many people now live in the cities. Tourism and agriculture are important sources of income for Egypt and Kenya, two of the richest and fastest-growing countries in the region. Elsewhere, tribal rivalries and disputes over land and resources have sometimes erupted into full-scale war and these, together with drought and poverty, have blighted the lives of millions of people in this region.



RIVER NILE

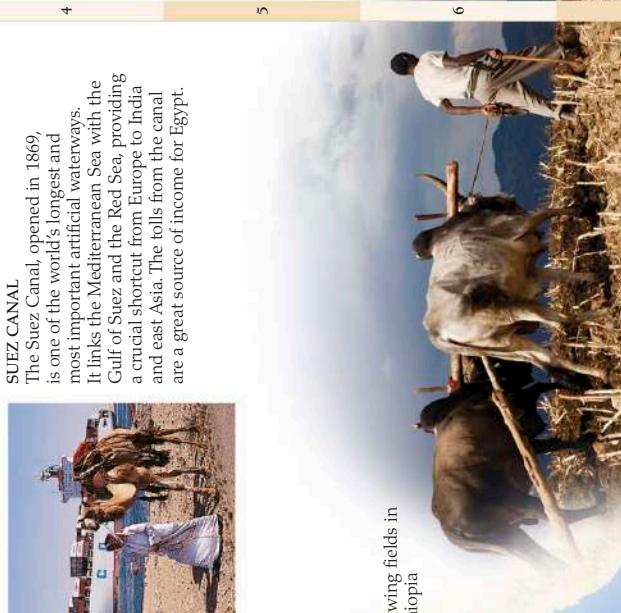
The Nile is the world's longest river. It flows north from Burundi to run along the Tanzania-Rwanda border, then through Uganda, South Sudan, Sudan, and Egypt to the coast. Most of Egypt's population lives around the valley and delta of the Nile, which provides the region's water. The river also provides irrigation for local crops, such as cotton.



SUEZ CANAL
The Suez Canal, opened in 1869, is one of the world's longest and most important artificial waterways. It links the Mediterranean Sea with the Gulf of Suez and the Red Sea, providing a crucial shortcut from Europe to India and east Asia. The tolls from the canal are a great source of income for Egypt.



Mediterranean



Plowing fields in Ethiopia

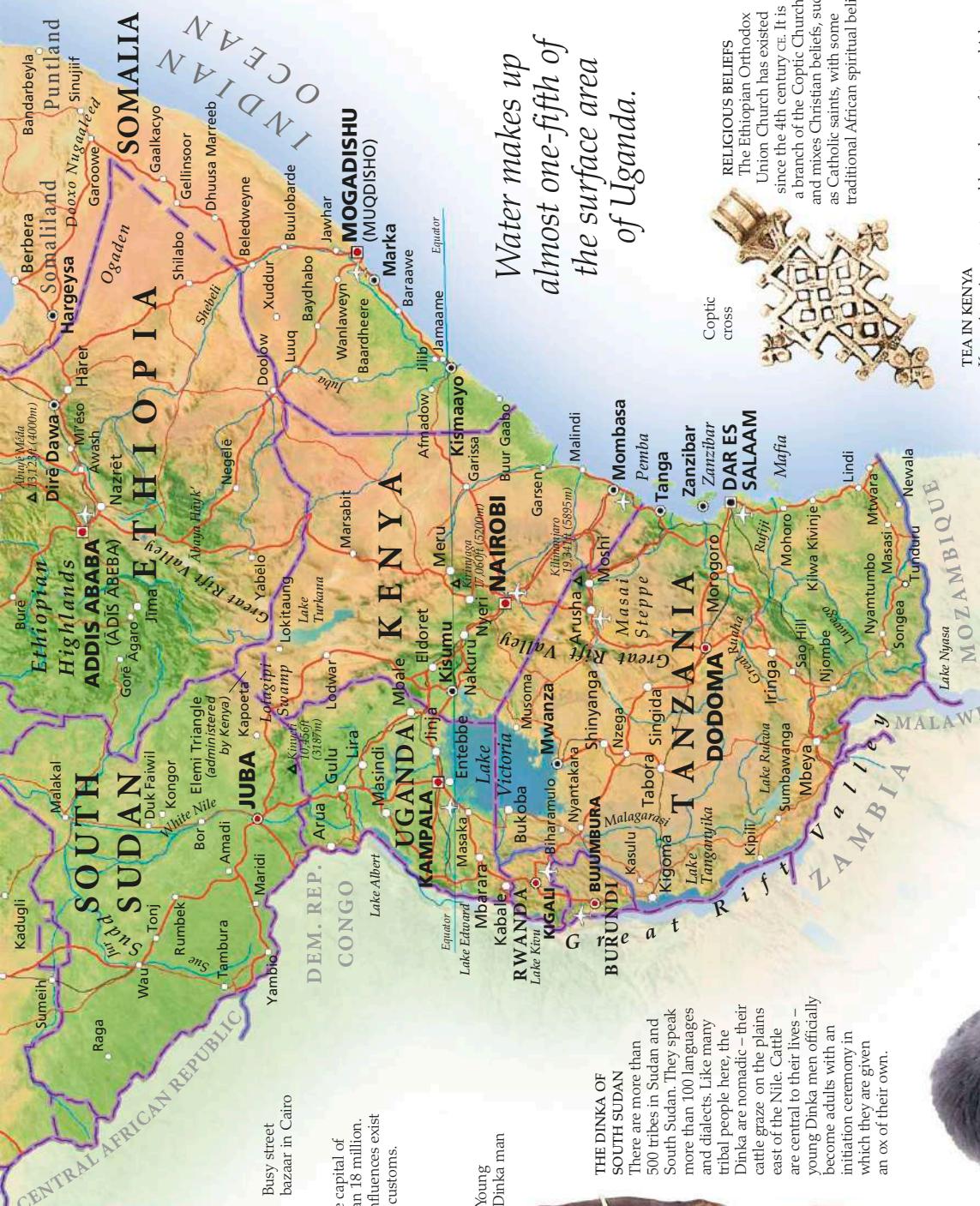
LOSING FARMLAND
As the population grows in Ethiopia, forests are cut down for firewood, or to cultivate new areas for food crops. The soil, no longer held firm by the trees, is easily blown or washed away, and valuable farmland is lost.



ABU SIMBEL

Tourists come to Egypt to see the pyramids at Giza and the temples along the Nile, such as these two built at Abu Simbel, south of Aswan. Tourism brings in money to preserve these historical sites.





THE DINKA OF SOUTH SUDAN
There are more than 500 tribes in Sudan and South Sudan. They speak more than 100 languages and dialects. Like many tribal people here, the Dinka are nomadic – their cattle graze on the plains east of the Nile. Cattle are central to their lives – young Dinka men officially become adults with an initiation ceremony in which they are given an ox of their own.



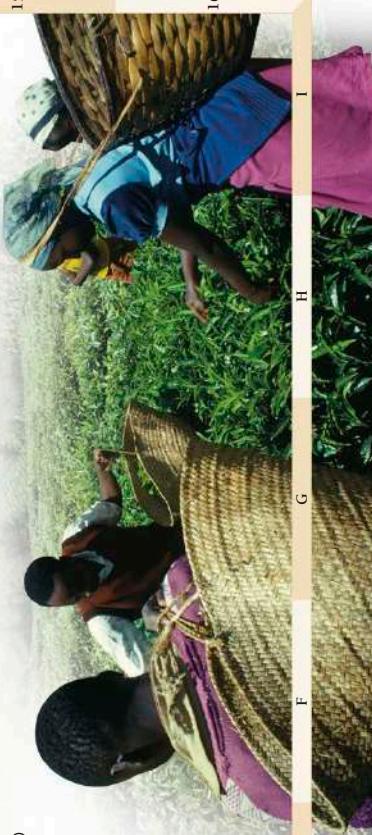
Water makes up
almost one-fifth of
the surface area
of Uganda.



TEA IN KENYA

Kenya is an important world producer of tea, which is grown on plantations in the highland areas (such as this one below). High rainfall here ensures a good crop. Coffee is also a valuable export.

Kenyan workers carefully select tea leaves for picking.



MOUNTAIN GORILLAS
The Volcanoes National Park in Rwanda is one of the few places where you can still see a mountain gorilla (right) in the wild. These animals are threatened with extinction because of poachers and the destruction of their habitat. Tanzania and Kenya also have many important game reserves, which preserve the wildlife of the savanna.



B C D E F G H

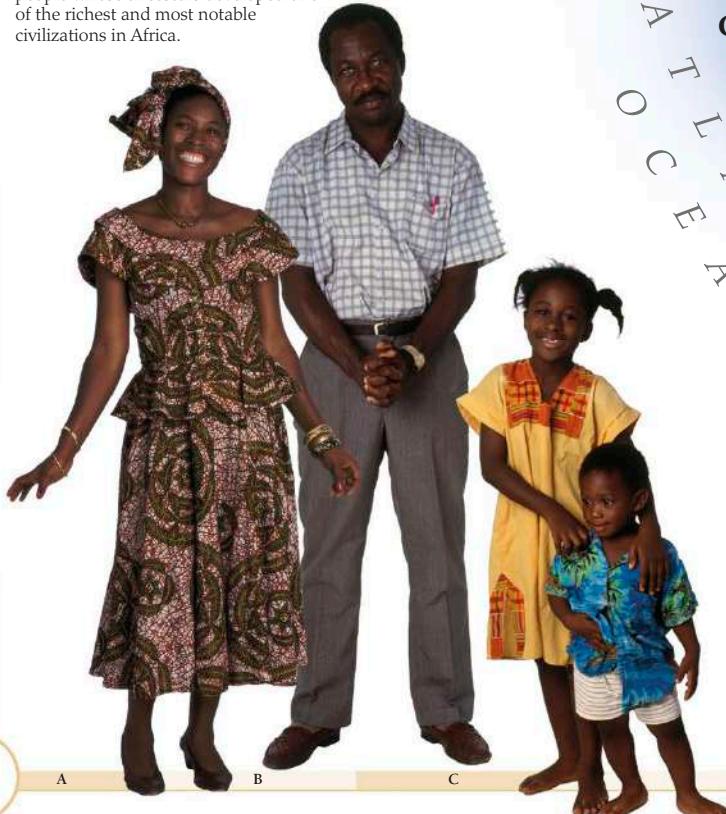
West Africa

DRAMATICALLY DIFFERENT CLIMATES and landscapes influence life in west Africa. In the hot, dry north, it is difficult to grow crops. Only oases in the Sahara and seasonal rainfall in the Sahel make growing crops possible. To the south, the climate is warm and wet, and crops such as cocoa and coffee are grown on large plantations. This region also has many valuable minerals. Despite these rich resources, most countries are poor. Since independence from colonial powers, there has been much political unrest, often sparked by poverty and tribal rivalries in the region. West Africa is also divided by religion, with Islam dominant in the north and Christianity in the south.



GAMBIA
In recent years, tourism has become increasingly important to the economy of Gambia. Visitors come to see wildlife along the Gambia River and to visit the Atlantic coast beaches. These safari tourists are admiring a giant termite mound.

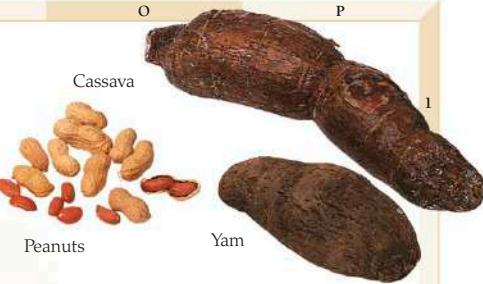
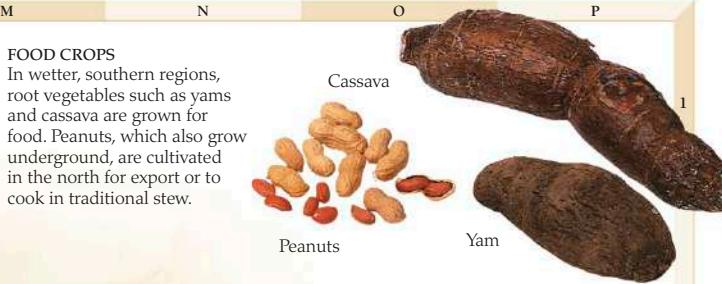
PEOPLE OF GHANA
Family ties and a sense of community are important to the people of Ghana, and ceremonies throughout each year mark the events of childbirth, puberty, marriage, and death. About half of Ghanaians are Ashanti people whose ancestors developed one of the richest and most notable civilizations in Africa.

0 km 100 200 300 400
0 miles 100 200 300 400

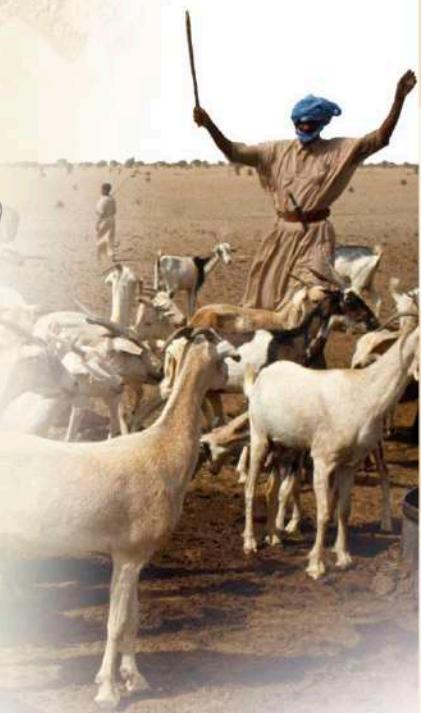
DIAMONDS AND GOLD
West Africa has many valuable minerals, including diamonds, uranium, copper, and gold. In Sierra Leone, where diamonds (left) provide crucial income, the mines were a focus of fighting in the civil war between rebel groups and the government.



MASKED DANCERS
Masks, such as this one from the Dan tribe of the Ivory Coast, are worn by dancers who take on different characters during tribal ceremonies. Round-eyed masks represent males, while straight-eyed masks are for females. However, the actual dancers are always men.



Lake Volta in Ghana, formed by a dam, is the largest artificial lake in the world.



WEST AFRICAN FARMERS
In the dry northern areas, crop farming is restricted to when and where seasonal rain falls. Herders are partly nomadic and they need to follow the rains in search of grazing land for their animals. Further south, where rainfall is higher, farmers grow a wider variety of crops for their families to eat, and for sale.

Herbs, shells, bones, and sticks used by traditional healers

MEDICINE AND HEALING
Many people here seek advice from a traditional healer if they are ill. Often the healer is also a religious leader. Treatment may include the use of herbs or magical items to fight off the enemy spirit. Healers may also chant and dance to attract the good spirits.



Central Africa



ALL EIGHT COUNTRIES IN Central Africa were European colonies with a painful history of slavery. Since the 1960s, independence has brought them mixed success. Rich mineral deposits and the discovery of offshore oil have provided income for Cameroon, Congo, and Gabon, while civil war and repressive governments have damaged other countries in the region. These include Chad and the Central African Republic, two of the world's poorest countries. Although the north is mainly arid, Africa's largest tropical rainforest dominates the south, with the powerful Congo River linking the interior with the coast. The tiny, volcanic country of São Tomé and Príncipe lies off the coast of Gabon.



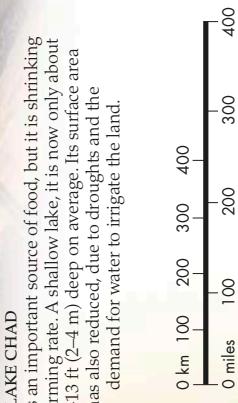
RELIGIOUS BELIEFS
Although Christianity is the main religion here, many people also follow traditional beliefs. These suggest that natural objects, such as mountains and rivers, have a spirit. Masks, like this Bambuktu head, are sometimes used to scare off evil spirits.



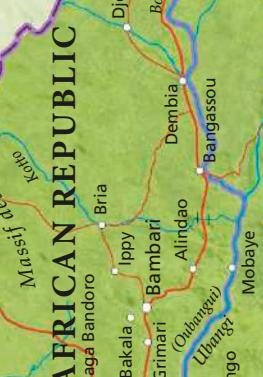
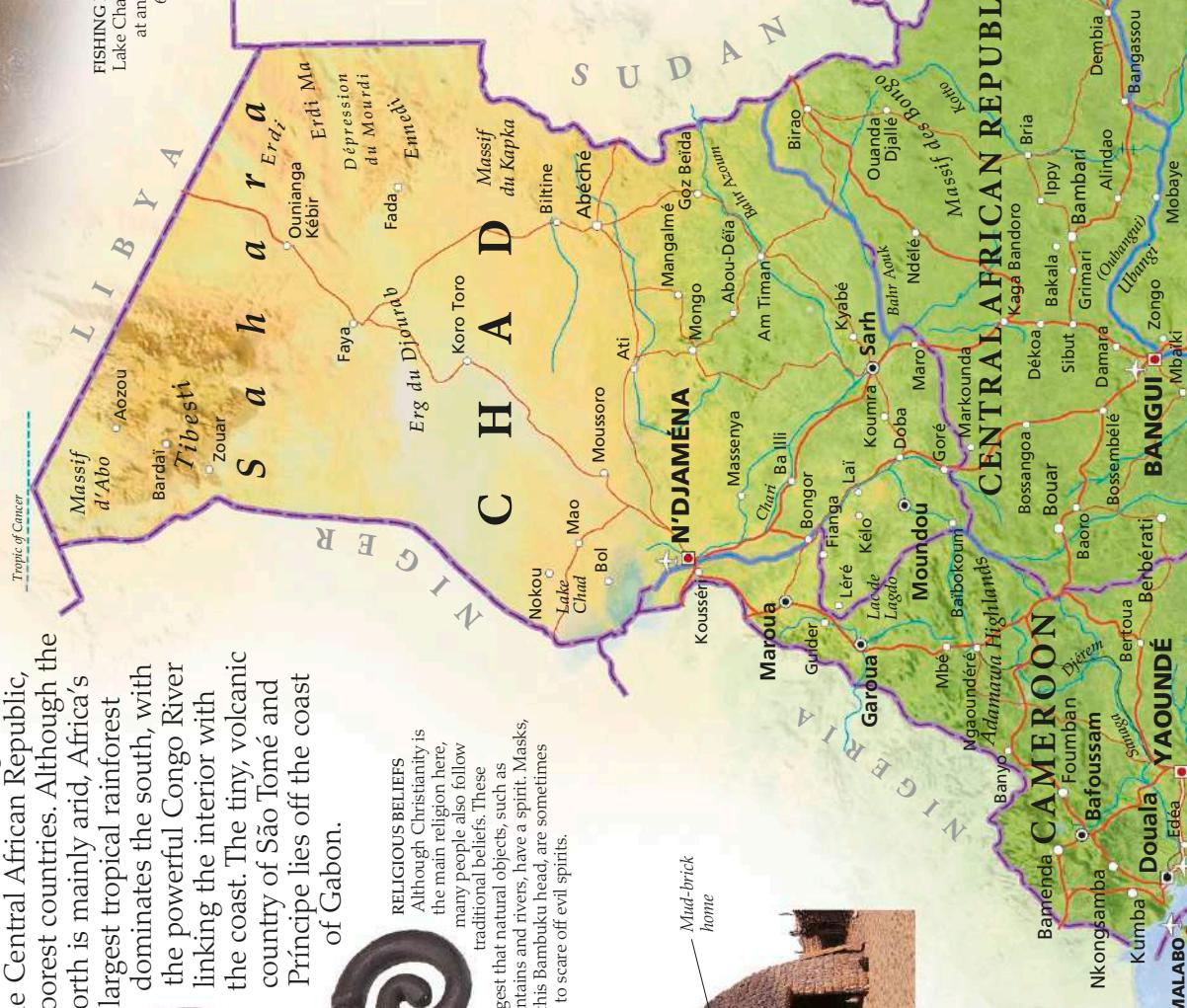
VILLAGE LIFE
Most people in rural areas live in villages or small towns. Some grow crops such as cotton or cassava for sale, but many exist by growing food just for their family.



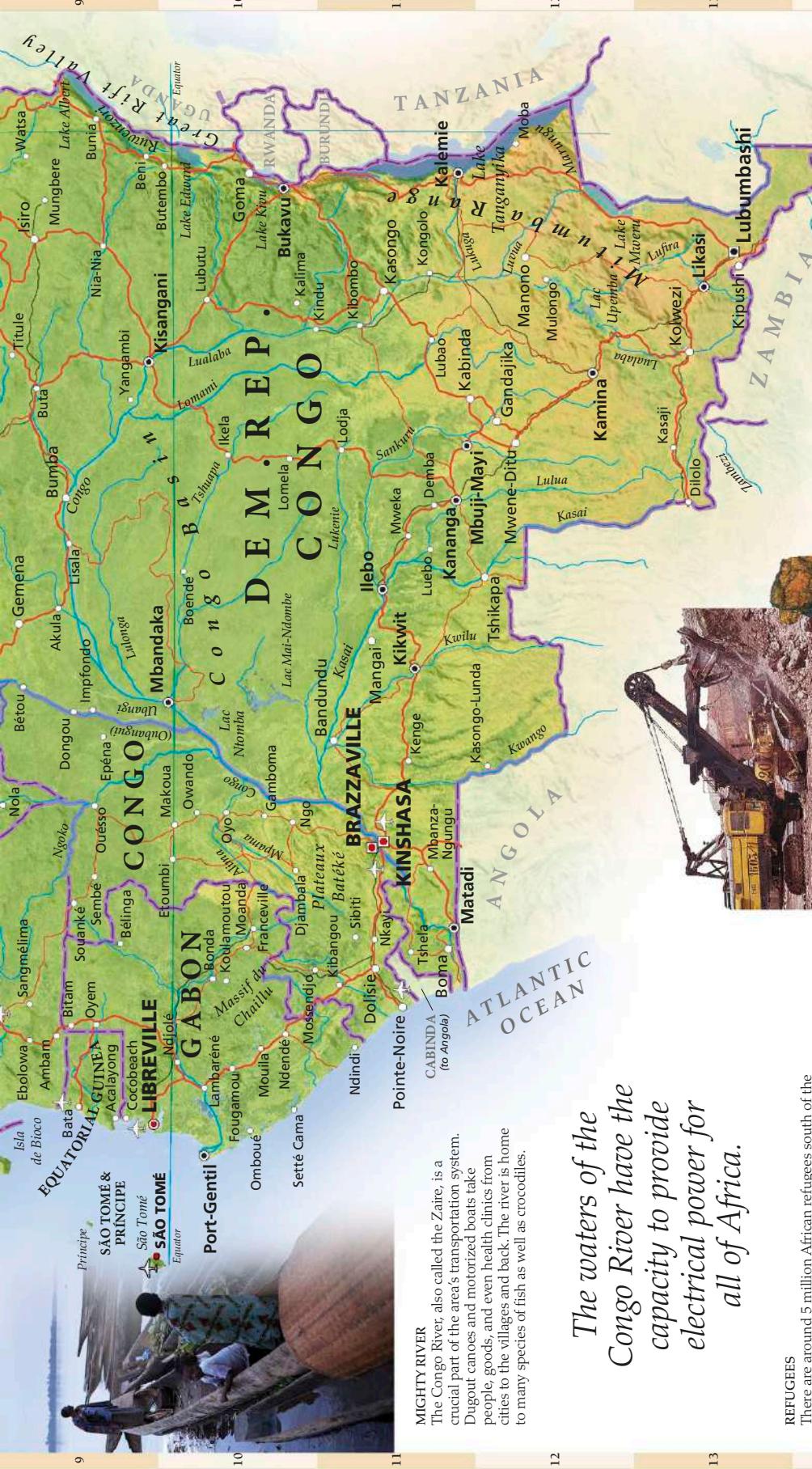
FISHING IN LAKE CHAD
Lake Chad is an important source of food, but it is shrinking at an alarming rate. A shallow lake, it is now only about 6.5–13 ft (2–4 m) deep on average. Its surface area has also reduced due to droughts and the demand for water to irrigate the land.



PEOPLE OF CHAD
With almost half the country lying in the Saharan Desert, more than 70 percent of Chadians work on farmland near the River Chari in the south. Across Chad there are large numbers of ethnic groups, speaking more than 100 languages. Women here live an average of just 51 years and have 4.5 children.



Central Africa



*The waters of the
Congo River have the
capacity to provide
electrical power for
all of Africa.*

12

13

REFUGEES

There are around 5 million African refugees south of the Sahara – more than 25 percent of the world's total. Conflicts in Chad, the Democratic Republic of the Congo, and the Central African Republic have resulted in huge numbers of Africans leaving their homes.

MINING FOR COPPER

The Democratic Republic of the Congo has vast reserves of copper and was once one of the world's major exporters. More recently, however, competition from lower-cost producers such as Chile has seen a dramatic downturn in the industry.

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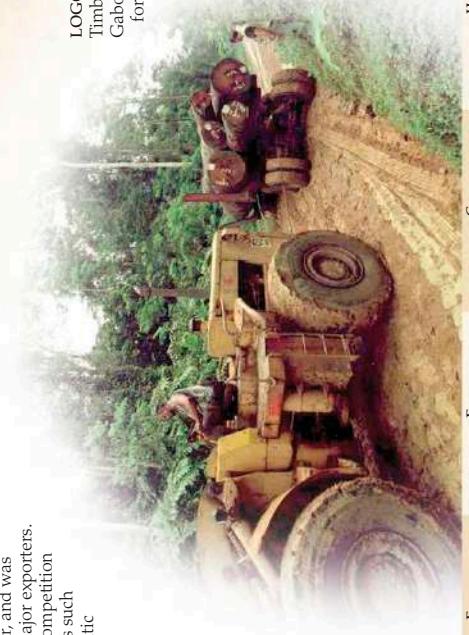
LOGGING IN GABON

Timber provides valuable income for Gabon, with much of the demand for okoumé – a softwood used to make plywood. Hardwoods, such as mahogany and ebony, are also felled. Because logging poses a threat to the future of the forests, the government is now setting up conservation programs, including 13 national parks that together cover at least 10 percent of the country.

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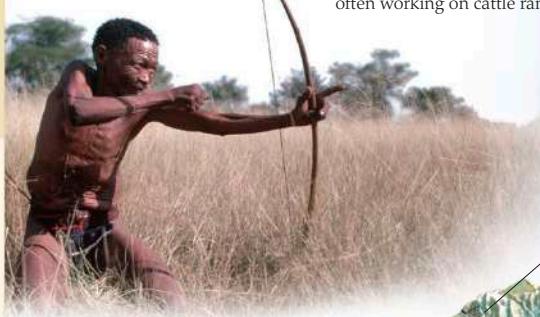
Southern Africa

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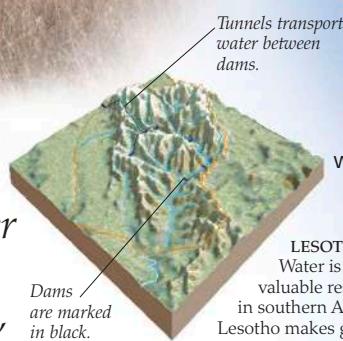
FROM THE DRAMATIC Namib and Kalahari deserts in the west, to the tropical forests in the north, southern Africa is a region of contrasts. Oil, diamonds, gold, and other precious metals are all mined here. There are huge inland plains that are home to a variety of wildlife, and large areas devoted to agriculture. But flooding and droughts, together with civil unrest, have hampered development so that, despite an abundance of natural resources, many countries remain poor.

SAN BUSHMEN

San hunter using a poison-tipped arrow



One of the few groups of hunter-gatherers left in Africa, the San people roam the Kalahari Desert. Also known as Bush people, many San are now changing to a more settled life, often working on cattle ranches.



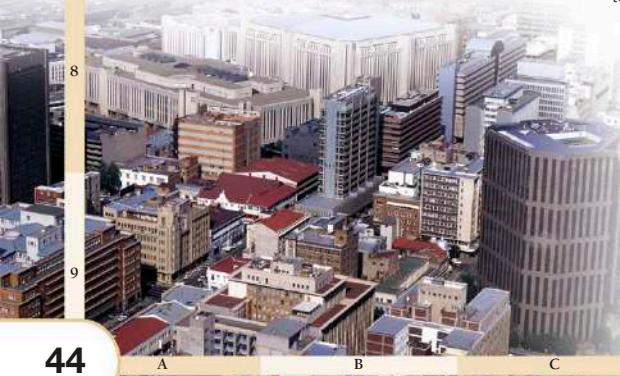
Dams are marked in black.

Tunnels transport water between dams.

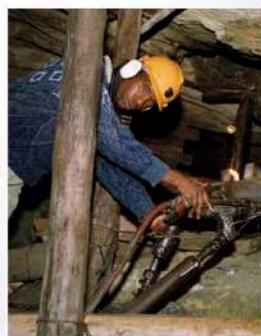
The Okavango River does not run out to sea like most rivers, but runs inland into the Kalahari Desert.

JOHANNESBURG, SOUTH AFRICA

More than 9 million people live in Johannesburg and its surrounding urban area. Many people have moved here from the countryside in search of work.

**GOLD MINING**

Gold, first discovered near Johannesburg in 1886, brought a great deal of wealth to the region. South Africa is among the world's top gold-producing countries.



ATLANTIC OCEAN

St Helena Bay

Cape of Good Hope Cape Agulhas

Bellville CAPE TOWN

De Aar

Calvinia

Beaufort West

Great Karoo

Cradock

Uitenhage

George

Mosselbaai

Port Alfred

East London

Port Elizabeth

D

E

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MOZAMBIQUE FLOODS
Mozambique suffered a devastating civil war until 1992 and as a consequence many people continue to rely on foreign aid. Floods in 2000 made conditions worse as they left millions homeless and vulnerable.



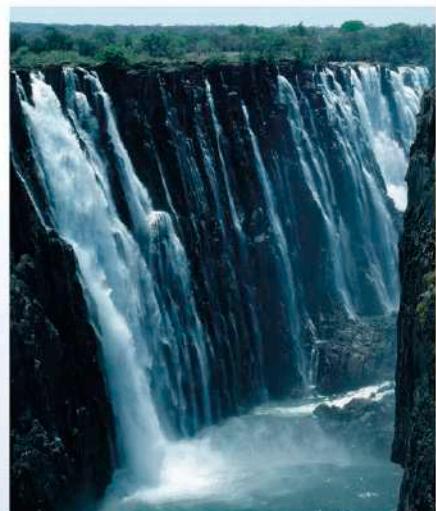
WORKING ON THE LAND
In both Malawi and Mozambique, agriculture employs more than four out of every five workers. Important crops include cotton, tea, tobacco, and sugar.



APARTHEID
In 1994, Nelson Mandela (1918–2013) became the first black president to govern South Africa. This historic event marked the end of white rule and the first fair elections in the new "Rainbow Nation." Apartheid was a policy of racial segregation and restricted the rights of black people.



VICTORIA FALLS
At Victoria Falls, situated on the Zambia-Zimbabwe border, the mighty Zambezi River drops 128 m (420 ft) down a narrow chasm. The sound of the crashing water can be heard 40 km (25 miles) away.



MADAGASCAN MAMMALS
Madagascar has an unusual range of mammals that developed in isolation after the island split from the African mainland. It is the only place where lemurs, members of the primate family, live in the wild.



WILDLIFE
Southern Africa is home to a huge variety of animals. Numerous parks have been created to protect the animals and their habitat. The Gaza-Kruger-Gonarezhou Transfrontier Park joins parks in Mozambique, South Africa, and Zimbabwe to form the largest conservation and ecotourism park in Africa.

EUROPE

Separated from Asia by the ridge of the Ural Mountains, Europe is a continent of very different nations, listed below in order of their land area. Each nation has its own language and culture, but they share a 2,000-year history of civilization that has inspired some of the world's greatest political ideas, works of art, and innovations in technology.

Russia (Russian Federation)		Germany		United Kingdom		Iceland		Serbia		Bosnia and Herzegovina	
6,601,668 sq miles 17,098,242 sq km		137,847 sq miles 357,022 sq km		94,058 sq miles 243,610 sq km		39,769 sq miles 103,000 sq km		29,913 sq miles 77,474 sq km		19,767 sq miles 51,197 sq km	
142,355,000		80,723,000		64,430,000		335,900		7,144,000		3,862,000	
Moscow		Berlin		London		Reykjavík		Belgrade		Sarajevo	
Russian, Tatar, Ukrainian, Chuvas, various other national languages		German, Turkish		English, Welsh, Scottish Gaelic, Irish Gaelic		Icelandic		Serbian, Hungarian (Magyar)		Bosnian, Serbian, Croatian	
France		Finland		Romania		Hungary		Ireland		Slovakia	
212,935 sq miles 551,500 sq km		130,559 sq miles 338,145 sq km		92,043 sq miles 238,391 sq km		35,918 sq miles 93,028 sq km		27,133 sq miles 70,273 sq km		18,933 sq miles 49,035 sq km	
66,836,000		5,498,000		21,600,000		9,875,000		4,952,000		5,446,000	
Paris		Helsinki		Bucharest		Budapest		Dublin		Bratislava	
French, Provençal, German, Breton, Catalan, Basque		Finnish, Swedish, Sami		Romanian, Hungarian (Magyar), Romany, German		Hungarian (Magyar)		English, Irish Gaelic		Slovak, Hungarian (Magyar), Czech	
Ukraine		Norway		Belarus		Portugal		Lithuania		Estonia	
233,032 sq miles 603,550 sq km		125,021 sq miles 323,802 sq km		180,155 sq miles 207,600 sq km		35,556 sq miles 92,090 sq km		25,212 sq miles 65,300 sq km		17,463 sq miles 45,228 sq km	
44,210,000		5,265,000		9,570,000		10,834,000		2,854,000		1,259,000	
Kiev		Oslo		Minsk		Lisbon		Vilnius		Tallinn	
Ukrainian, Russian, Tatar		Norwegian (<i>Bokmål</i> , "book language", and <i>Nynorsk</i> "new Norsk"), Sami		Belarussian, Russian		Portuguese		Lithuanian, Russian		Estonian, Russian	
Spain		Poland		Greece		Austria		Latvia		Denmark	
195,124 sq miles 505,370 sq km		120,728 sq miles 312,685 sq km		50,949 sq miles 131,957 sq km		32,383 sq miles 83,871 sq km		24,938 sq miles 64,589 sq km		16,639 sq miles 43,094 sq km	
48,563,000		38,523,000		10,773,000		8,712,000		1,966,000		5,725,000	
Madrid		Warsaw		Athens		Vienna		Riga		Copenhagen	
Spanish, Catalan, Galician, Basque		Polish		Greek, Turkish, Macedonian, Albanian		German, Croatian, Slovenian, Hungarian (Magyar)		Latvian, Russian		Danish	
Sweden		Italy		Bulgaria		Czechia		Croatia		Netherlands	
173,860 sq miles 450,295 sq km		116,348 sq miles 301,340 sq km		42,811 sq miles 110,879 sq km		30,451 sq miles 78,867 sq km		21,851 sq miles 56,594 sq km		16,040 sq miles 41,543 sq km	
9,881,000		62,008,000		7,145,000		10,645,000		4,314,000		17,017,000	
Stockholm		Rome		Sofia		Prague		Zagreb		Amsterdam	
Swedish, Finnish, Sami		Italian, German, French, Rhaeto-Romanic, Sardinian		Bulgarian, Turkish, Romany		Czech, Slovak, Hungarian (Magyar)		Croatian		Dutch, Frisian	

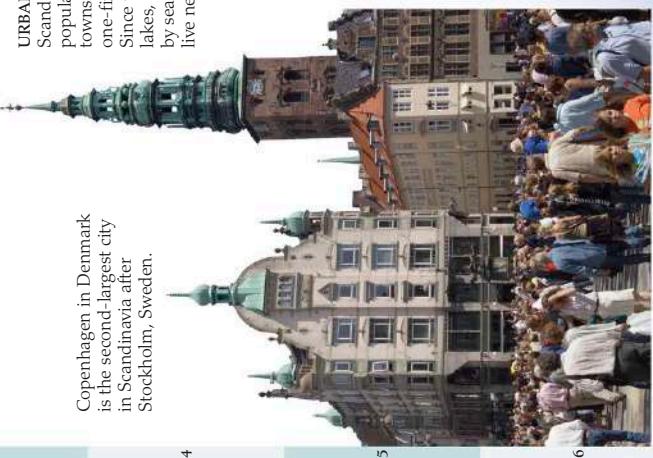
Switzerland		Slovenia									
15,937 sq miles 41,277 sq km 8,179,000 Bern German, Swiss-German, French, Italian, Romansh		7,827 sq miles 20,273 sq km 1,978,000 Ljubljana Slovenian									
Moldova		Montenegro									
13,070 sq miles 33,851 sq km 3,510,000 Chisinau Moldovan, Ukrainian, Russian		5,333 sq miles 13,812 sq km 644,600 Podgorica Montenegrin, Serbian, Albanian, Bosnian, Croatian									
Belgium		The cathedral dome of Santa Maria del Fiore dominates the skyline of Florence, Italy—one of the world's most beautiful cities.									
11,787 sq miles 30,528 sq km 11,409,000 Brussels Dutch, French, German											
Albania		Kosovo		Luxembourg		Malta		San Marino		Vatican City	
11,100 sq miles 28,748 sq km 3,039,000 Tirana Albanian, Greek		4,203 sq miles 10,887 sq km 1,883,000 Pristina Albanian, Serbian, Bosnian, Gorani, Romany, Turkish		998 sq miles 2,586 sq km 582,300 Luxembourg Luxembourgish, German, French		122 sq miles 316 sq km 415,200 Valletta Maltese, English		24 sq miles 61 sq km 33,300 San Marino Italian		0.17 sq miles 0.44 sq km 1,000 Vatican City Italian, Latin	
Macedonia		Cyprus		Andorra		Liechtenstein		Monaco			
9,928 sq miles 25,713 sq km 2,100,000 Skopje Macedonian, Albanian, Turkish, Romany, Serbian		3,572 sq miles 9,251 sq km 1,205,600 Nicosia Greek, Turkish		181 sq miles 468 sq km 85,700 Andorra la Vella Spanish, Catalan, French, Portuguese, Castilian		62 sq miles 160 sq km 38,000 Vaduz German, Alemannisch dialect, Italian		0.77 sq miles 2 sq km 30,600 Monaco French, Italian, Monégasque, English			

Scandinavia and Finland

THE THREE SCANDINAVIAN countries (Norway, Sweden, and Denmark), along with neighboring Finland, are among the most northerly countries in Europe. Here the winters are long and cold. In the far north, above the Arctic Circle, the Sun remains below the horizon for up to two months a year. Finland is the most densely forested country in Europe, and wood accounts for 30 percent of its exports. All four countries are highly industrialized and are among the wealthiest in the world. In the last few decades, a large number of refugees have found a new home here, and Scandinavia in particular is a lot more ethnically diverse than it used to be.

URBAN POPULATIONS
Scandinavia has a high urban population. Many people live in towns and cities, with less than one-fifth living in the countryside. Since the region is covered in lakes, fjords, and surrounded by sea, many people also live near the water.

Copenhagen in Denmark is the second-largest city in Scandinavia after Stockholm, Sweden.



SKIING
During the winter months, much of Scandinavia is covered with snow; so skiing is a very popular sport.

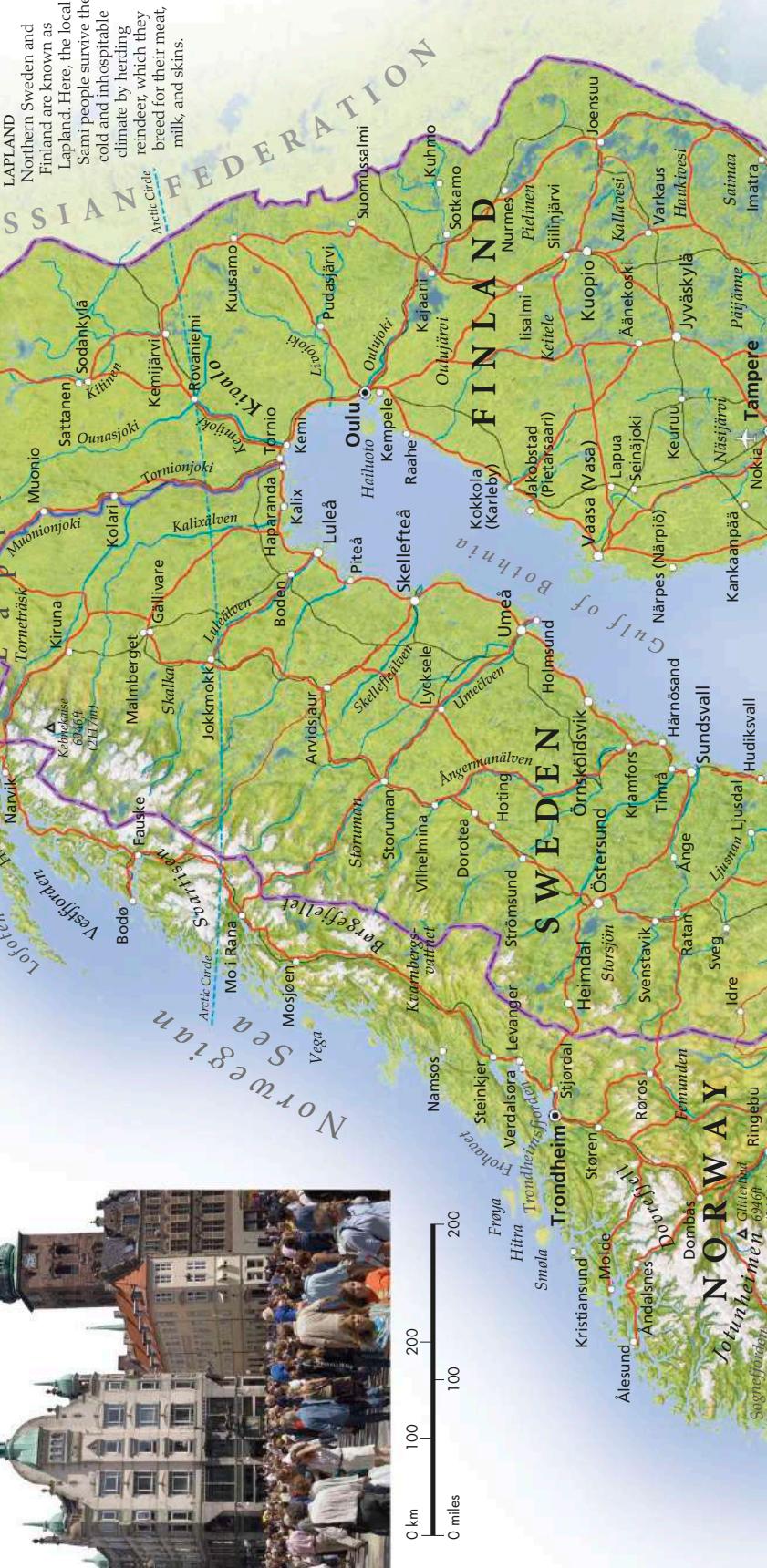


Sami man in traditional costume



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Scandinavia and Finland



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INDUSTRIAL STRENGTH

Manufacturing is an important source of employment and wealth throughout Scandinavia and Finland. Many of the goods produced here, such as machinery, medical and technological equipment, motor vehicles (Sweden), and pharmaceuticals (Denmark) are exported all over the world. In Denmark, many people also work in agriculture, fish processing, and brewing.

THE SAUNA

The sauna, or steam bath, was invented in Finland about 1,000 years ago as a way of cleaning and relaxing the body. After a hot sauna, many Finns cool off by plunging into an icy pool (below) or a snowdrift.



NORWEGIAN FJORDS

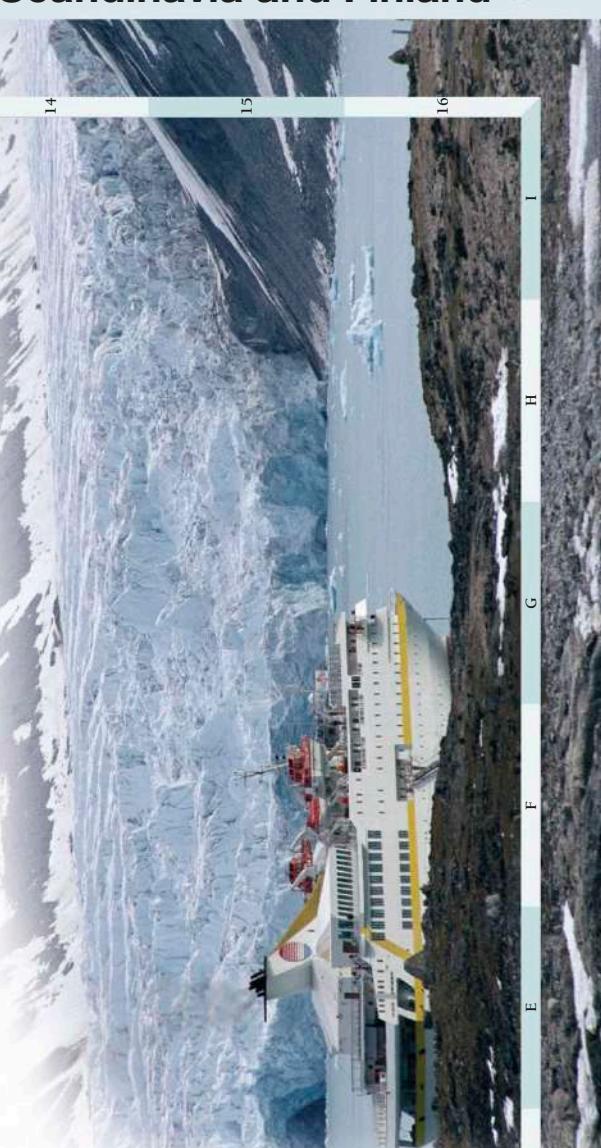
The west coast of Norway has thousands of deep inlets, known as fjords, gouged out of the mountains by glaciers during the last ice age and then flooded by the sea. The fjords run inland between high mountains and make a favorite destination for cruise ships bringing tourists to admire the stunning scenery.



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BUILDING WITH WOOD
Much of Norway and Sweden, and two-thirds of Finland, is covered by dense forests of birch, pine, spruce, and other trees. Finland has more than 16 times more forested land per person than the European average. Many people in the region work in the forestry industry, producing wood for the construction and furniture industries. This great natural resource is also used to build homes and churches, like this medieval stave church (left) in Norway.



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The British Isles

For such a small group of islands, the British Isles has a very rich history. This is evident from its legacy of ancient ruins, medieval castles, dramatic cathedrals, and grand country houses. Once a leading industrial and colonial power, British monarchs ruled an empire that circled the globe. As a result, English is still widely spoken around the world. Today, many traditional industries, such as shipbuilding, mining, and engineering, have declined, and the emphasis is now on banking and insurance, as well as pharmaceuticals. The British Isles consists of two countries: the United Kingdom of Great Britain and Northern Ireland (the UK), and the Republic of Ireland.

ATLANTIC OCEAN

Wales has more than 200 castles.



HORSE BREEDING
Lush pastures and a mild climate have encouraged the breeding of thoroughbred racehorses in Ireland. Stud farms here raise some of the best racehorses in the world.



Irish horse and rider on a training run

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IRELAND
Tourists visit Ireland, attracted by its unspoiled countryside and lively cities, such as Dublin (left). Once part of Britain, Ireland gained independence in 1922. Its economy, the fastest-growing in Europe just before the global banking crisis of 2008, has since seen good recovery.

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1 **SCOTLAND**

Scotland and England united as a single country in 1707. Today, however, Scotland is a self-governing part of the UK, with its own parliament and distinct legal and educational systems. Edinburgh, above, is a popular city with a magnificent castle. Each summer, the city hosts an international arts festival.

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4 **SCOTLAND**

An offshore oil rig with a flame being burned off. Beneath the shallow seas around Britain, there are supplies of oil and natural gas. Oil rigs raise oil and gas to the surface, where it is pumped by pipeline to be refined on the mainland. Production has declined and supplies are now running low, but more distant reserves still wait to be exploited. However, few businesses are willing to take on further costly exploration.

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NORTH SEA ENERGY
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6 **MONEY MATTERS**

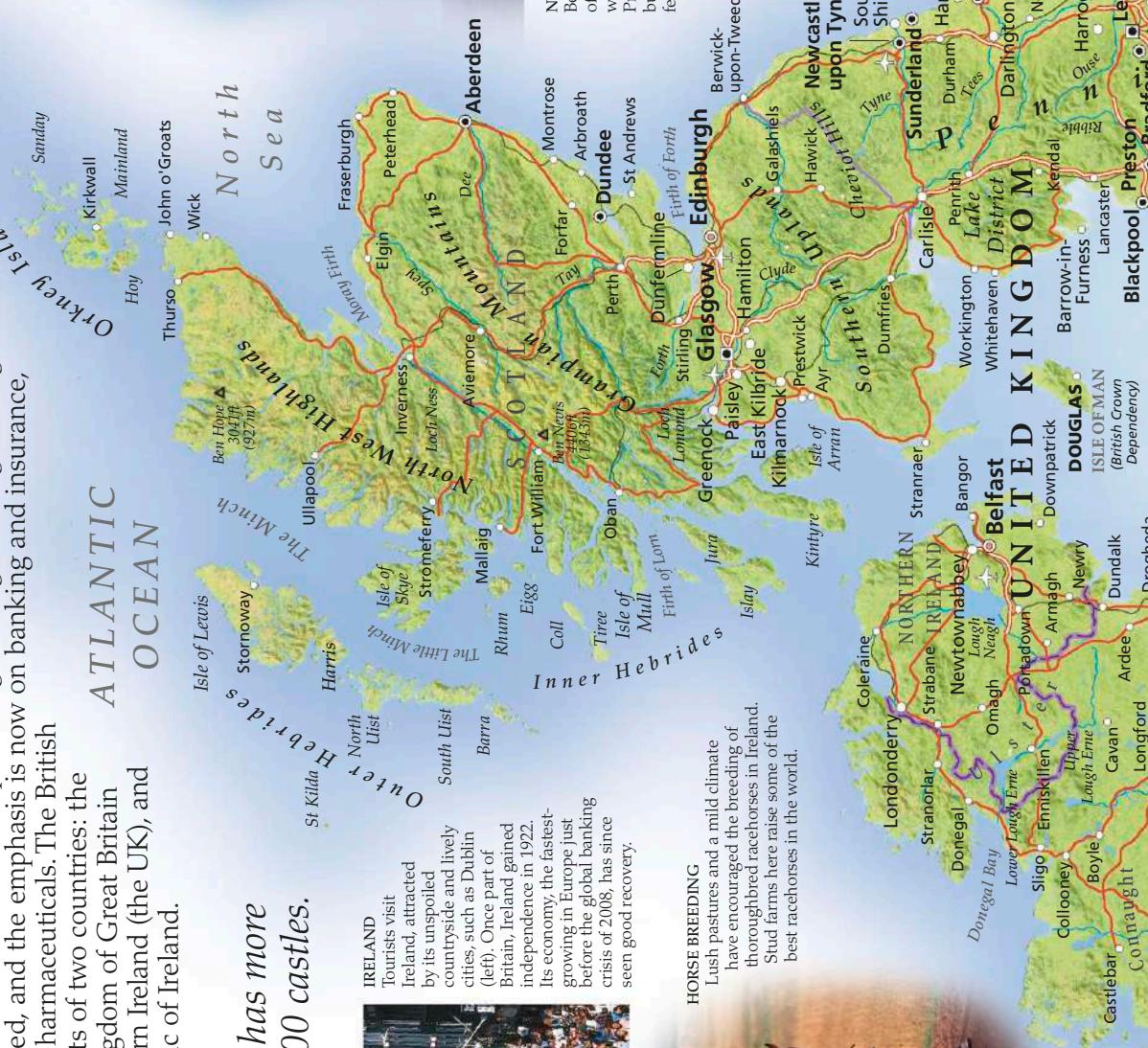
The City of London is the UK's financial center. Before the banking crash of 2008, more than 500 banks had offices there. Lloyds' insurance building (right) is one of the city's most distinctive skyscrapers. Built of steel and glass, its elevators are outside.

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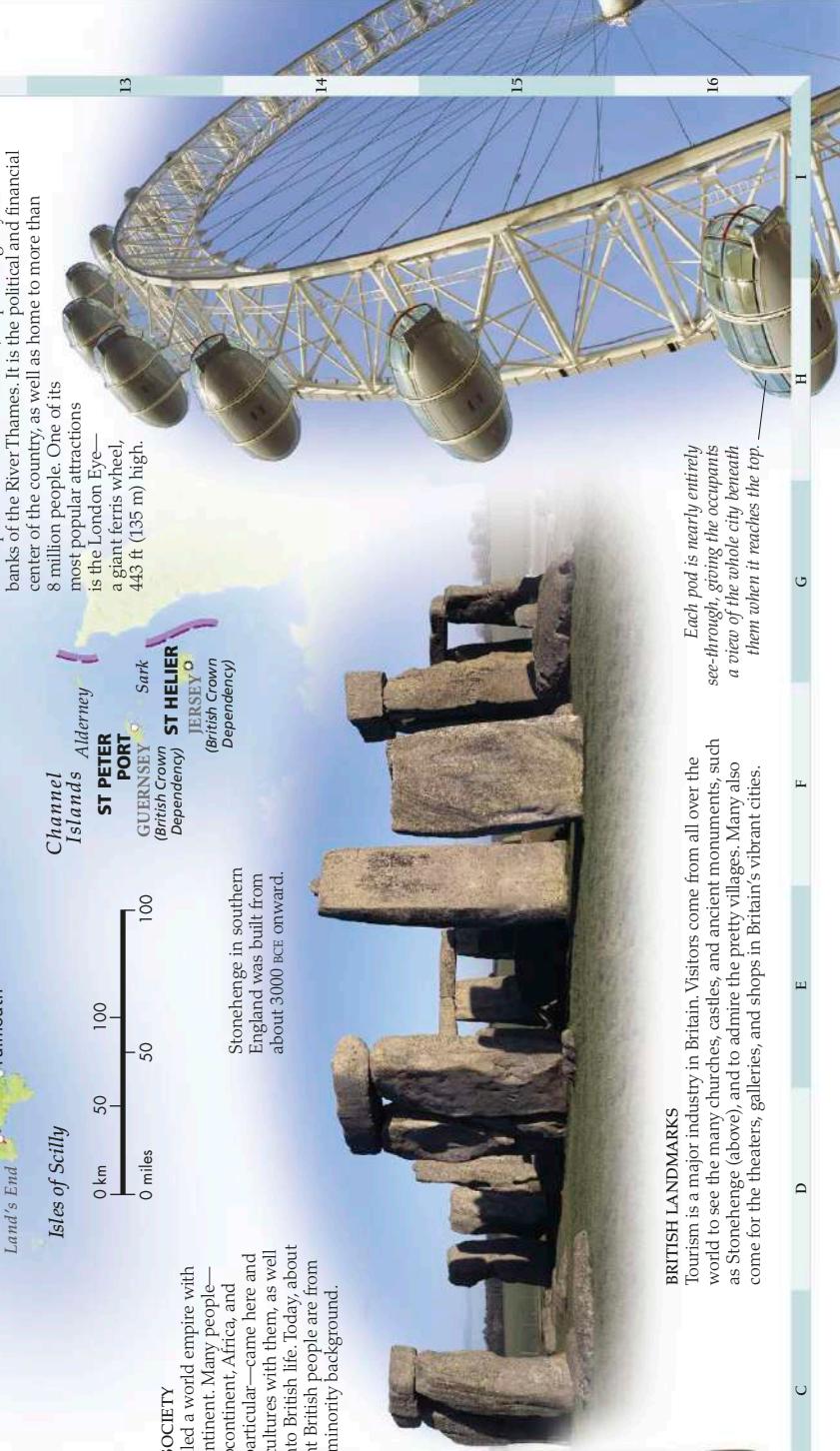


ISLE OF MAN
(British Crown Dependency)

The British Isles



LONDON
The capital of the UK is London, a sprawling city on the banks of the River Thames. It is the political and financial center of the country as well as home to more than 8 million people. One of its most popular attractions is the London Eye—a giant ferris wheel, 443 ft (135 m) high.



MULTICULTURAL SOCIETY
Britain once controlled a world empire with colonies in every continent. Many people—from the Indian subcontinent, Africa, and the Caribbean in particular—came here and brought their cultures with them, as well as settling into British life. Today, about one in eight British people are from an ethnic minority background.

13 Wales playing Scotland at

rugby in the Millennium

Stadium, Cardiff



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Stonehenge in southern

England was built from

about 3000 BCE onward.



BRITISH LANDMARKS

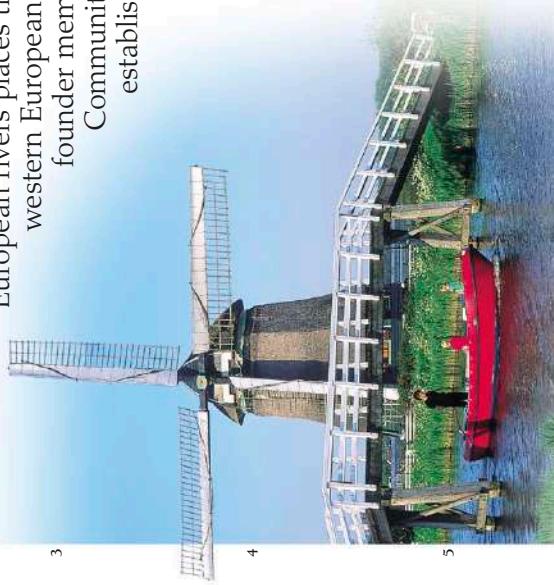
Tourism is a major industry in Britain. Visitors come from all over the world to see the many churches, castles, and ancient monuments, such as Stonehenge (above), and to admire the pretty villages. Many also come for the theaters, galleries, and shops in Britain's vibrant cities.

Each pod is nearly entirely see-through, giving the occupants a view of the whole city beneath them when it reaches the top.

The Low Countries



THE NETHERLANDS, BELGIUM, AND LUXEMBOURG are known as the Low Countries because the land is so flat and low-lying. In the case of the Netherlands, much of the land is below sea level—*Netherlands* is Dutch for “under lands.” The three countries are among the richest in Europe and, while farming still plays an important part, they all have strong, modern economies based on manufacturing and trade. Luxembourg in particular is known as a tax haven and is a major center for international finance. Their location at the mouth of the River Rhine and other major European rivers places the three countries at the heart of western European trade and politics—all three were founder members of the European Economic Community (now the European Union, or EU), established in 1957.



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Tulips were introduced to the Netherlands from Turkey in 1562. Black tulips were the most valuable.

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ROTTERDAM, NETHERLANDS
Every year, around 30,000 sea-going ships and 110,000 barges call at the port of Rotterdam. Lying at the mouth of the River Rhine, this port is the largest in the world and is where vast container ships from all over the world load or unload their cargoes. The smaller barges help to transport goods farther inland. With the port's advanced Vessel Traffic Service (VTS) it's possible to track ships on a radar screen up to 37 miles (60 km) off the coast and 25 miles (40 km) inland.



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Dutch tulips



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I s l a n d s

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W a s t e l a n d

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G R E A T

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C R O P S

F R A N C E

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8

C U R A C A O

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DUTCH PEOPLE
The Dutch once ruled a vast empire in Indonesia, the Caribbean, and South America. As a result, many nationalities now live here. Ethnic minorities make up about 15 percent of the people and in some cities, the majority of primary school children have a non-Dutch background.



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RECLAIMING THE LAND

Over the centuries, the Dutch have reclaimed land from the sea. They did this by building huge dykes, or dams, to keep out the sea, and then draining the surface water into canals. Windmills originally pumped out the water, but electric pumps are now used.

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THE HAGUE (S-GRAVENHAGE)

The Low Countries



9 AMSTERDAM, NETHERLANDS

The old architecture and picturesque canals make Amsterdam one of the most visited cities in Europe. Occasionally the canals freeze over and city officials may decide it's safe for people to go skating. When they do, men and women of all ages, from very old to very young take to the ice. Amsterdam is also home to some great museums, including the Van Gogh Museum, Rijksmuseum, and the Anne Frank House.

BELGIAN QUALITY
Belgium is renowned for its beautiful historic buildings and for its excellent food, especially chocolates. Belgians have been making top-quality chocolates for more than 100 years, and pralines, a type of filled chocolate, are a speciality. Brussels even boasts a chocolate museum.

10 EINDHOVEN, NETHERLANDS

Cyclists have their own traffic lights – this one is green for "go".



11 MAASTRICHT, NETHERLANDS

The flatness of the land makes the Netherlands ideal for cycling, and more than half a million people cycle to school or work each day. Lines of 20–100 children cycling together to school are common. Most of the roads have special cycle lanes, and bicycles are often the quickest form of transportation to get around the crowded towns and cities. The use of bicycles also reduces car use and thus cuts down the amount of air pollution.



12 LUXEMBOURG

13 BELGIUM

14 BELGIUM

15 CYCLING

16 CYCLING

The Grand Duchy of Luxembourg lies between Germany, France, and Belgium. As a result, the majority of the people are trilingual—German and French are widely spoken as is Luxembourgish, the national language. The capital, also known as Luxembourg, has around 150 banks.

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France

IN DIRECT CONTRAST TO ITS mainly rural landscape, France is a modern nation with most people now living in towns and cities. While industry makes up the largest section of its economy, tourism also plays a big part—France is the world's most visited country. A land of varied scenery, from gently rolling farmland in the north to a stretch of dry, warm Mediterranean coast in the south, France also shares two mountain ranges—the Pyrenees and the Alps. Each of the 22 regions within France, which includes the island of Corsica, has its own distinct identity and culture. The tiny countries of Andorra and Monaco lie next to France.

Boules, the national game of France, is still played in village squares around the country.

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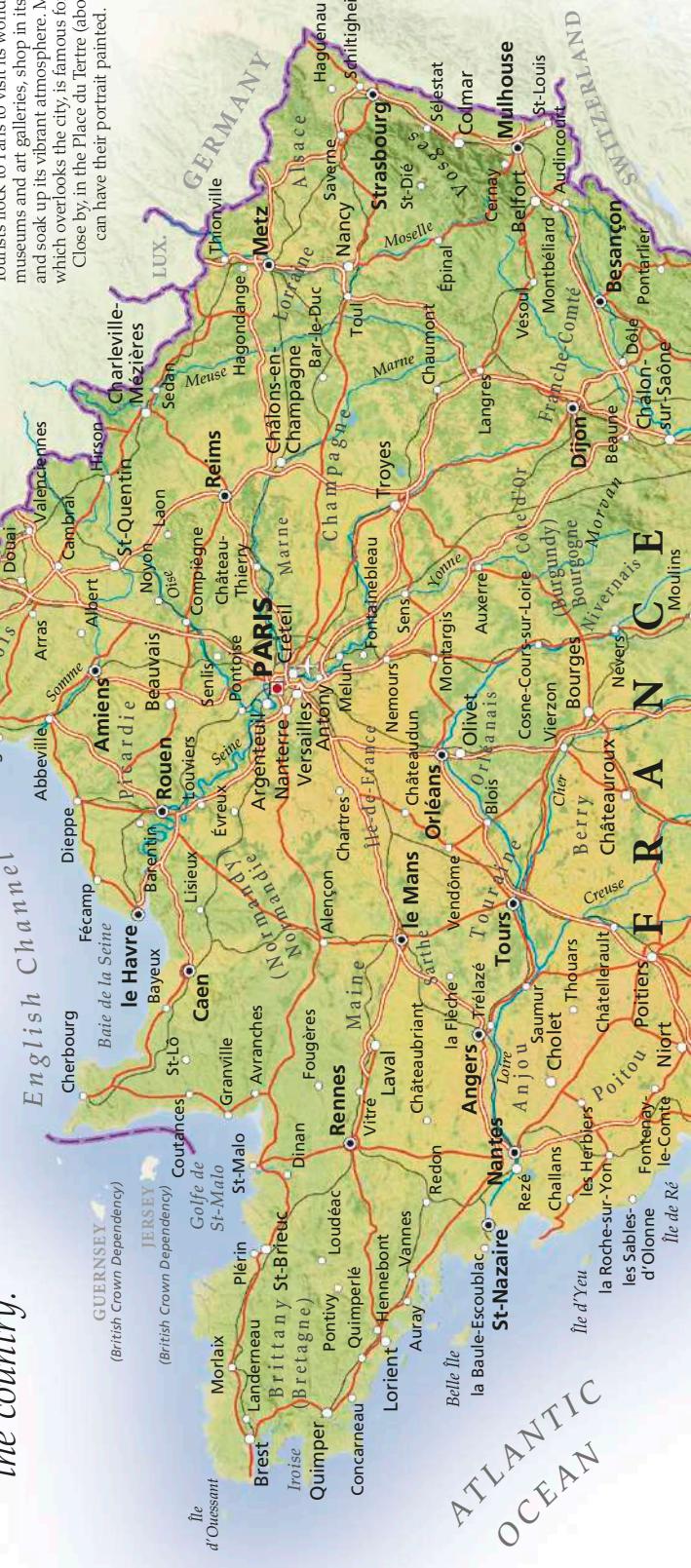
NUCLEAR POWER
Three-quarters of France's electricity is produced by nuclear power plants (above), making the country largely self-sufficient in energy and one of the main producers of nuclear power in Europe. Hydroelectric plants are also an important source of power.



HIGH-SPEED TRAVEL

France has Europe's fastest train, the TGV – *train à grande vitesse* – which travels at up to 186 mph (300 kph) during normal services. In 2007, a modified TGV even set a speed record for conventional trains of 357.2 mph (574.8 kph). The TGV network connects Paris with all the country's major cities, which makes it easier to commute or visit relatives. It also extends to Germany, Italy, Belgium, Switzerland, and through the Channel Tunnel to Britain.

STREETS OF PARIS
Tourists flock to Paris to visit its world-famous museums and art galleries, shop in its elegant stores, and soak up its vibrant atmosphere. Montmartre, which overlooks the city, is famous for its artists. Close by, in the Place du Tertre (above), visitors can have their portrait painted.



1 2 3 4 5 6 7 8

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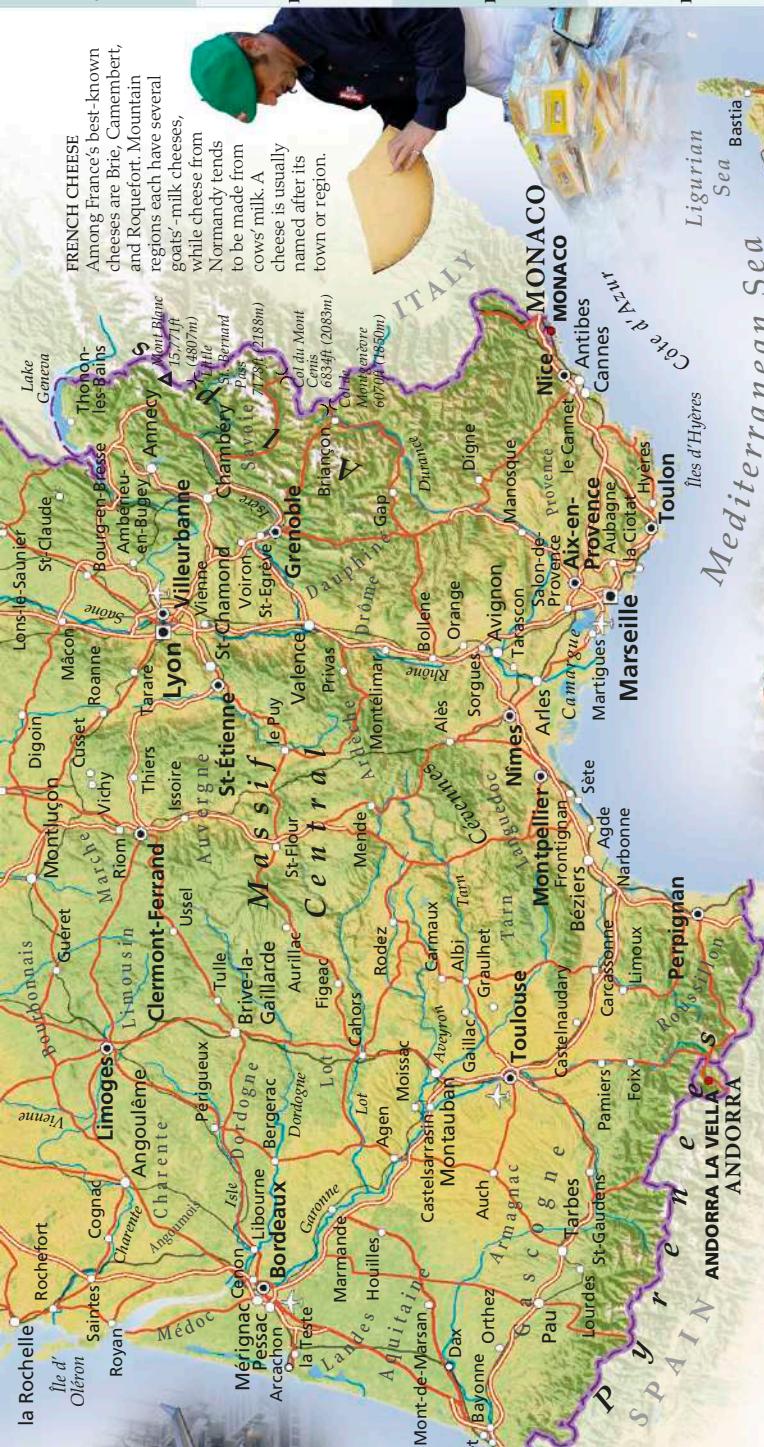
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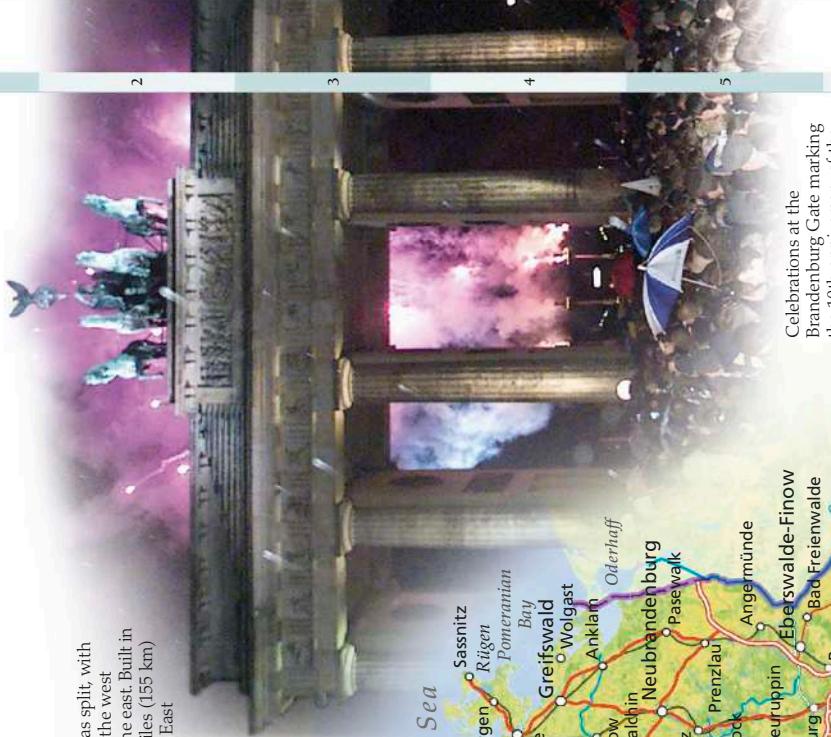
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Germany and the Alpine States

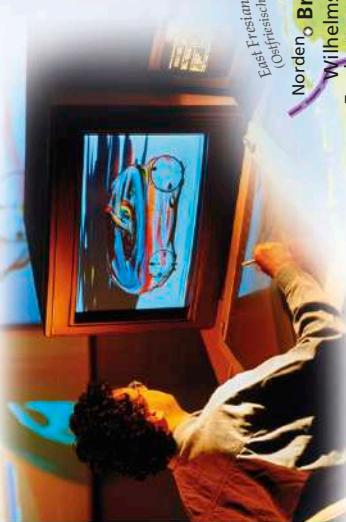
LYING AT THE VERY HEART OF EUROPE, Germany is one of the world's wealthiest nations. It is also Europe's leading industrial power. To its south lie the Alpine states of Switzerland, Austria, Liechtenstein, and Slovenia. The region is famed for its beautiful Alpine scenery, mountains, and lakes. German is the main language in all but Slovenia. However, each of the five countries has its own distinct history, culture, and national identity. Indeed, since 1815, Switzerland has been recognized as a neutral nation, and has stayed out of all the wars that have affected Europe.

THE JOY OF UNIFICATION
After World War II, Germany was split, with a US-backed capitalist state in the west and a Russian-backed state in the east. Built in 1961, the Berlin Wall was 96 miles (155 km) long and was designed to stop East Germans from leaving for a better life in the West. The wall divided Berlin and separated families, friends, and a nation for 28 years. When Germany was unified (reunited) in 1990, the wall was officially demolished.

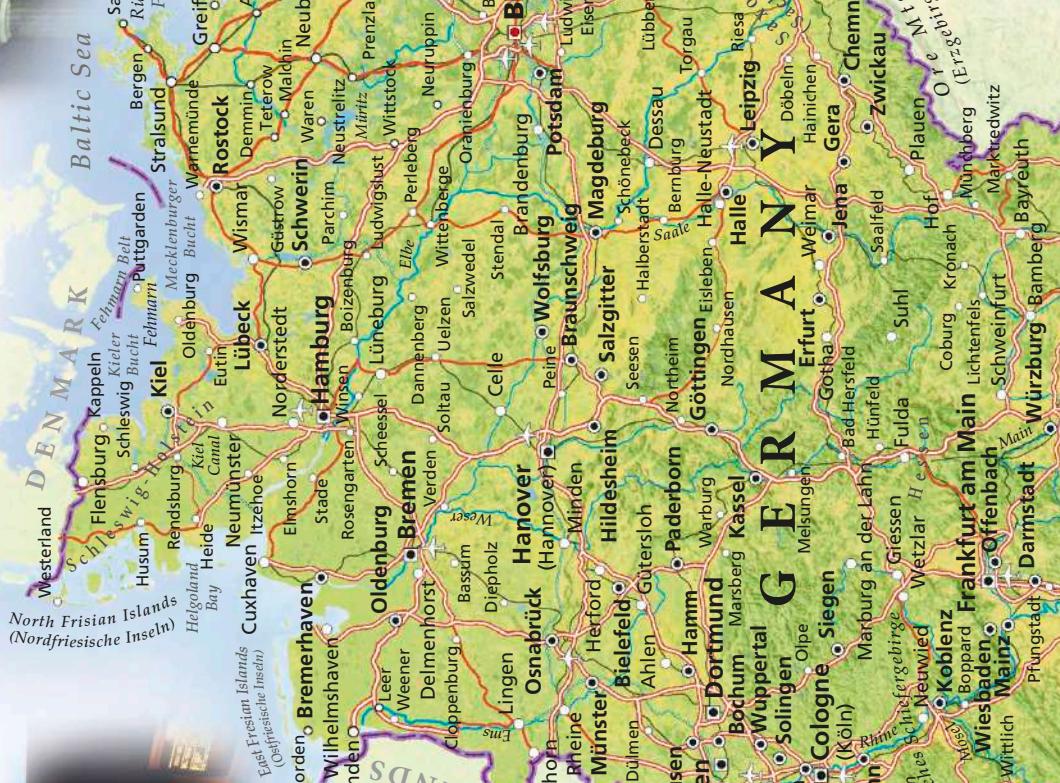


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Celebrations at the Brandenburg Gate marking the 10th anniversary of the fall of the Berlin Wall



GERMAN INDUSTRY
With its coal and iron mines, the Ruhr Valley was once the powerhouse of the German economy. Today's industry ranges from engineering to high-tech goods. Quality assembly and design make Germany the fourth-largest car producer in the world.



FOOD AND DRINK
The annual Munich Oktoberfest is Germany's biggest beer festival. Entertainment includes parades and music.

The Swiss speak German, French, Italian, and Romansh.



GENEVA
Geneva lies on the shores of Lake Geneva, Europe's largest Alpine lake. This orderly city is a global center for banking and finance. It is also a base for many international organizations, such as the Red Cross.



Germany and the Alpine States



SWISS WATCHES

The Swiss invented the first wristwatch, the first quartz watch, and the first water-resistant watch. With their worldwide reputation for quality and style, timepieces make up the country's third largest export.



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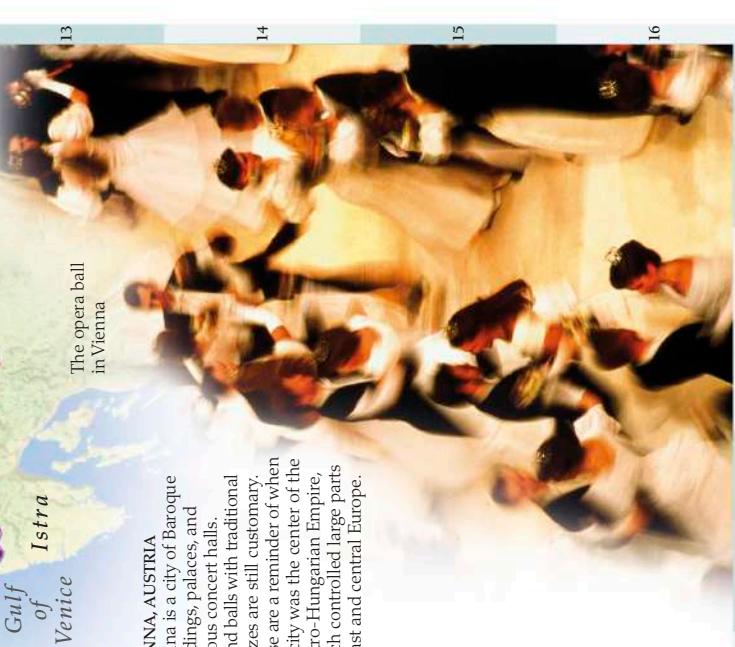
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ALPS

The Alps run from southeast France and spread eastward through Switzerland and northern Italy into Austria and Slovenia. A popular tourist destination, the Alps are famous for dramatic scenery and winter sports.

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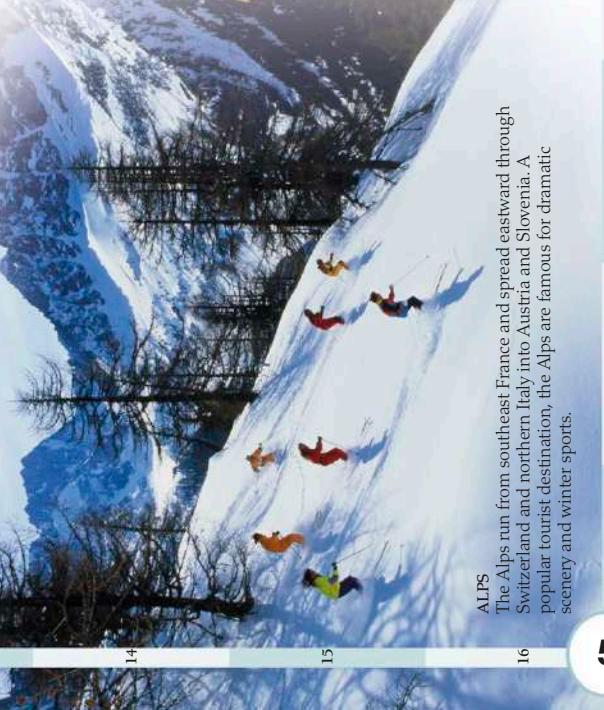


The opera ball
in Vienna



SLOVENIA

After centuries of rule by overlords, Slovenia became independent in 1991. Although the population is only 2 million, the national culture is strong. The famous Lipizzaner show horses are named after the Slovenian farm where they were first bred.



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VIENNA, AUSTRIA

Vienna is a city of Baroque buildings, palaces, and famous concert halls. Grand balls with traditional waltzes are still customary. These are a reminder of when the city was the center of the Austro-Hungarian Empire, which controlled large parts of east and central Europe.

The high and graceful stride of the Lipizzaner horses makes them excel in competitions.



B C D E F G H

Spain and Portugal

THE COUNTRIES OF SPAIN AND PORTUGAL share an area of land called the Iberian Peninsula. In the north, this land is cut off from the rest of Europe by the Pyrenees Mountains, while to the south, it is separated from Africa by the Strait of Gibraltar. The region was once ruled by Islamic people from north Africa, known as the Moors.

Evidence of their culture can still be seen in buildings in the cities of Andalucía. The Moors were eventually defeated in 1492 and, for a while, Portugal came under Spanish control, as did much of Europe. During the 20th century, both

countries were ruled by brutal dictatorships, which were overthrown in the 1970s. They are now modern democracies and popular tourist destinations.



HARVESTING CORK

Cork is made from the outer bark of the evergreen cork oak tree. The bark is carefully stripped off, flattened, laid out in sheets, and then left to dry. The cork is used for many products, such as stoppers for wine bottles, matting, and tiles. Portugal is the world's leading exporter of cork.

Spanish families tend to eat dinner late, at around 9 pm. So after school, children eat a snack called a merienda.



LISBON

Portugal's capital city is Lisbon, which is situated at the mouth of the River Tagus on a series of steep hills and valleys. In 1755, two-thirds of the city was completely destroyed by an earthquake and tidal wave but was rebuilt with beautiful squares and public buildings. Many explorers have set sail from Lisbon in their quest to find new lands.

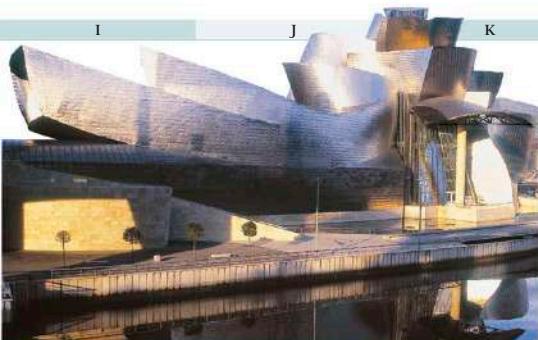


Trams are a feature of Lisbon streets and a popular form of transportation for both the locals and tourists.

FISHING

Spain and Portugal have well-developed fishing industries with large-scale fleets and many smaller local fleets. However, overfishing along Portugal's coast and out in the north Atlantic has put many people's livelihoods at risk. Spain is still one of Europe's top fishing nations, with catches of fish, molluscs, and crustaceans reaching around 1,100 tons per year.





SPANISH CITIES

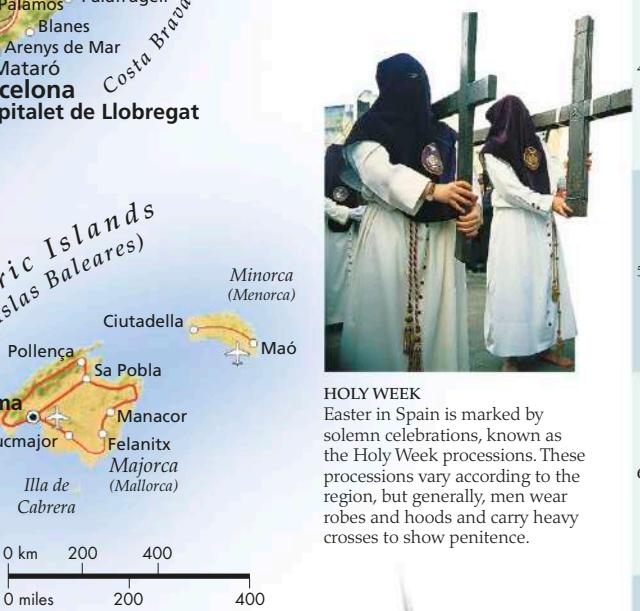
The majority of Spanish people live in towns and cities. Madrid is the largest Spanish city and the capital of Spain. Tourists flock to Barcelona, capital of Catalonia and a leading cultural, economic, and industrial hub. Bilbao, home to the magnificent Guggenheim Museum, is the capital of the Basque region and a busy port.

The Guggenheim, a modern art museum in Bilbao



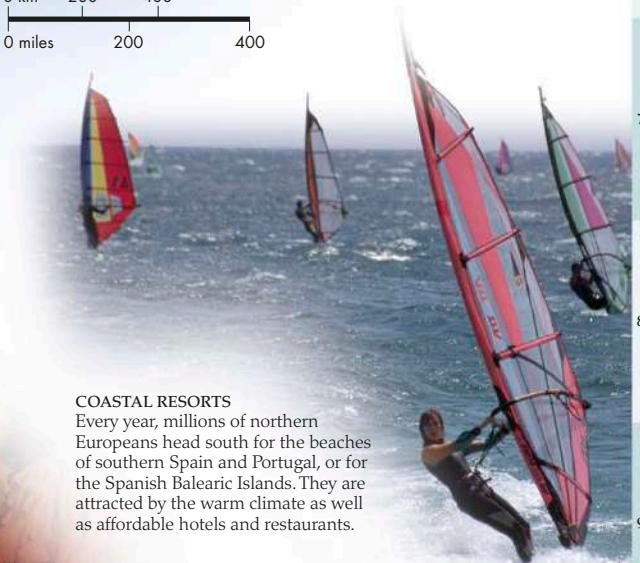
FIESTAS

In Spain, many towns hold their own fiestas, or festivals, to celebrate a special event in their history or the birthday of their patron saint. These fiestas differ from one region to another. One of the most famous is held in Pamplona, where the brave run with the bulls.



HOLY WEEK

Easter in Spain is marked by solemn celebrations, known as the Holy Week processions. These processions vary according to the region, but generally, men wear robes and hoods and carry heavy crosses to show penitence.



COASTAL RESORTS

Every year, millions of northern Europeans head south for the beaches of southern Spain and Portugal, or for the Spanish Balearic Islands. They are attracted by the warm climate as well as affordable hotels and restaurants.



Italy



THE BOOT-SHAPED COUNTRY of Italy stretches from the mountainous north down to the Mediterranean Sea. For much of its history, Italy consisted of city-states—such as Florence and Venice—and was united only in 1870. Regional differences in Italy are huge, as each region has its own cuisine, customs, and dialect, and is geographically quite distinct. As a result, many Italians identify themselves first by region and then by country. The largest division, however, is between the rich north and the poorer south—a rugged region with several active volcanoes and the occasional severe earthquake. The mainland of Italy includes two tiny independent states—San Marino and Vatican City.

HOME OF OPERA

The idea of setting drama to music originated in Italy during the 16th century. Since then, Italian composers such as Rossini, Verdi, and Puccini have made opera the most popular musical form in Italy. Many cities have their own opera houses.

Andrea Bocelli

Vatican City has a permanent population of only about 1,000 people, although more than 3,000 come to work in the city-state each day.

2

CITY OF CANALS

The beautiful city of Venice is made up of 118 islands, 177 canals, and 400 bridges. The only way to get around is to walk or take a boat: a *vaporetto*, *motoscafo*, or *motonave*. The most distinctive boat, however, is the gondola. Each year, in the days before Ash Wednesday, Venice hosts a carnival when the city celebrates with fireworks and everyone wears spectacular masks.

4

COLOSSEUM

One of Rome's greatest sights is the Colosseum, which opened in 80 ce. Deadly gladiatorial combats and animal fights were staged here before crowds of up to 55,000 people.

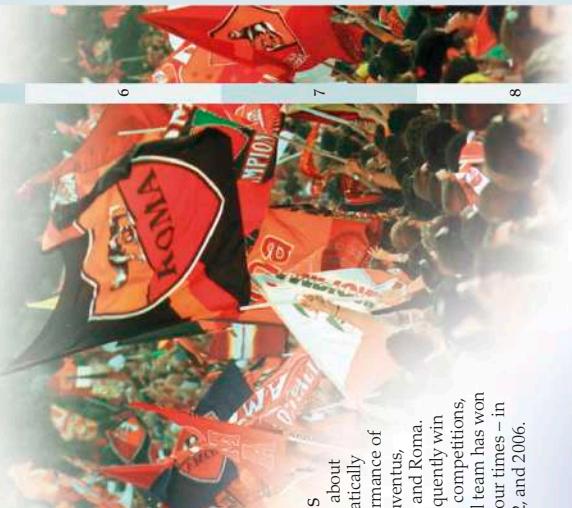
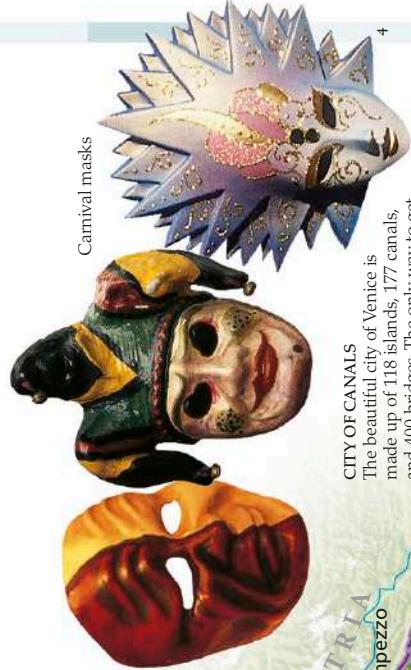
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FOOTBALL FANS

Italians are mad about football and fanatically follow the performance of teams such as Juventus, AC Milan, Inter, and Roma. Italian teams frequently win major European competitions, and the national team has won the World Cup four times—in 1934, 1938, 1982, and 2006.

8

Carnival masks



Sardinia (Sardegna)

9
Strait of Bonifacio
Isola Asinara
Tempio Pausania
Porto Torres
Sassari
Olbia
Ozieri
Siniscola
Nuoro
Macomer
Oristano
Punta La Marmora
6,077ft (1,846m)
Villacidro
Iglesias
Carbonia
Quartu
Sant'Elena
Cagliari

10
Tivoli
Appennino
Albanese Ischia
Latina
Terracina
Anzio
Isole Donziane
Gaeta
Gulf di Gaeta
Caserta
Naples (Napoli)
Torre del Greco
Battipaglia
Isola di Capri
Salerno
Agropoli
Vesuvius 4,199ft (1,278m)
Avellino
Appennino Lucano
Sapri
Consilina
Lauria
Castrovilliari
Rossano
Lucano
Cosenza
Amantea
Isola Eolie
Stronboli
Lamezia
Catanzaro

11
Campobasso
Volturno
CAMPANIA
Manfredonia
Barletta
Molfetta
Bari
Andria
Bitonto
Altamura
Potenza
Matera
Taranto
Brindisi
Lecce
Manduria
Puglia
Gallipoli
Gulf of Taranto
Strait of Otranto
Maglie

12
Tyrrenian Sea
Ionian Sea
0 km
0 miles
50
100
13
0 km
0 miles
50
100

14
HOME LIFE Family life is important in Italy and most people live at home until they marry. This is partly due to lack of cheap housing. Lunch (pranzo) is often the main meal of the day.

15
RENAISSANCE ITALY Florence (below) sits on either side of the Arno River. During the 15th century, a new movement in art and architecture known as the Renaissance, or rebirth, began in Italy. Painters and sculptors such as Leonardo da Vinci, Michelangelo, and Raphael created beautiful works of art using improved techniques of perspective and realism. Many of these can still be seen in the galleries and churches of Florence.

VATICAN CITY (ROMA)

Olive harvesters gather olives in nets /

OLIVE HARVEST Italy is a big producer of olive oil, producing around 330,000 tons, which is second only to Spain in Europe. The oil is produced by first pressing the fruits of the olive tree between steel or stone rollers, then squeezing oil from the pulp using a press. Olive trees flourish in the fertile soils and the mild, frost-free climate of southern Italy.

VATICAN CITY This tiny state in Rome is the center of the Roman Catholic Church and home to the Pope. As well as St Peter's Basilica and the surrounding buildings and gardens, the Vatican boasts Michelangelo's Sistine Chapel. The state has its own flag, postage stamps, and coins.

Sicily (Sicilia)

10
Palermo
Trapani
Marsala
Alcamo
Castelvetrano
Mount Etna
6,023ft (1,830m)
Cefalu
Messina
Isola Lipari
Isola Vulcano
Palmi
Siderno
Reggio di Calabria
Catania
Caltanissetta
Agrigento
Gela
Vittoria
Ragusa
Modica
Pozzallo

11
Sardinia (Sardegna)

12
Tyrrenian Sea
Ionian Sea
0 km
0 miles
50
100
13
0 km
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100

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Malta

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Central Europe

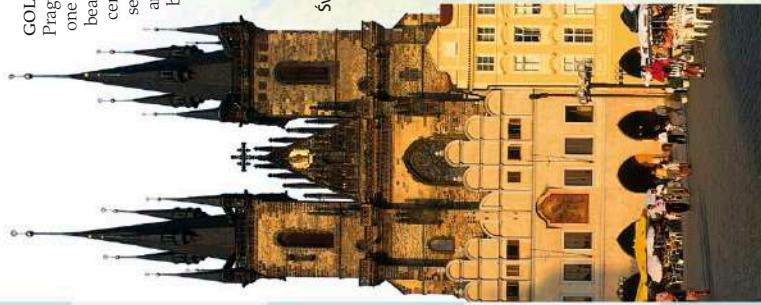
FOUR COUNTRIES LIE at the heart of central Europe—Poland, Czechia (until 2016, the Czech Republic), Slovakia, and Hungary. The region is composed of wide plains broken by gentle hills and the Carpathian mountain range in the south. In the late 1980s, these countries broke away from decades of communist rule and, as new democracies, began to modernize. EU-members since 2004, they have seen a rise in living standards, despite the global economic crisis of 2008 hitting their growing economies.

FAMILY FARMS

Poland has one of the largest agricultural sectors in Europe, with more than 12 percent of the workforce employed on the land. Most farms are still small, family-run businesses, growing grains, sugar beet, and potatoes. Large numbers of pigs and other animals are also kept.



GOLDEN PRAGUE
Prague, the capital of Czechia, is one of Europe's most charming and beautiful cities. Unlike many other central European cities, it escaped serious damage in both World Wars, and contains many fine historic buildings, soaring church spires, and grand squares.



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TRADITIONAL TRADES

The countries of central Europe are heavily industrialized. Vast coal mines, steel works (above), and engineering works dominate the urban landscape. Although some of these sites are old and poorly equipped, these countries are trying to update machinery and introduce measures to improve standards of environmental pollution.



RELIGION
The Roman Catholic Church is very strong throughout central Europe. Attending mass on Sunday and observing religious holidays such as Christmas and Easter, are important features of family life.



Part of Prague's colourful history is preserved in buildings around the Old Town Square.





*Budapest was once
two cities – Buda on
the right bank of the
River Danube, and Pest
on the left bank.*

INDUSTRIAL LIFE

Czechia is central Europe's most industrialized country, with a large car manufacturing sector. It is renowned for its centuries-old glass industry and also produces some of the world's best-known beers. Pilsner Lager, for example, originated in the town of Plzen, while Budweiser beer has been brewed at České Budějovice for more than a century.



LANDSCAPE OF SLOVAKIA

Slovakia is divided between a fertile, lowland south and a more rugged, mountainous north. The country is far more rural than its industrial neighbour Czechia. Most Slovaks live in small towns and mountain villages. The Tatras Mountains in the north are popular with skiers and hikers, who bring in much-needed tourist income.



HOT SPRINGS

A land of fertile plains, Hungary is also famous for its numerous hot springs. In the capital city of Budapest, there are more than 100 hot springs. The warm waters rise naturally from the ground, and spas and baths are centred on these springs. They are as popular today as they were centuries ago, when the Romans used the hot springs on the Buda side of the city.



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Southeast Europe

UNTIL 1991, CROATIA, Bosnia and Herzegovina, Serbia, Montenegro, and Macedonia were all part of Yugoslavia. Ethnic tensions between the Serbs and other peoples in Yugoslavia caused a series of bloody wars that broke up the country. Peace was eventually restored in 1999, but all five countries have suffered intense economic problems as a result. So, too, has Albania since its communist government collapsed. The six nations do, however, have huge potential, with considerable agricultural and mineral resources. In the north, the Danube River is an important trading route for both Croatia and Serbia, while Croatia has a flourishing tourist industry along its beautiful Adriatic coast.



SPORTING ACHIEVEMENT

Croatia is a great sporting nation. Former skier Janica Kostelić has won four Olympic gold medals (three in 2002 and one in 2006), making her one of the most successful female Alpine skiers of all time. Other popular sports are football (soccer), tennis, and basketball.

The Dalmatian dog is named after the coastal region of Dalmatia, its first known home.



THE ADRIATIC The long Adriatic coastline of Croatia is one of the most beautiful in Europe. The wooded hillsides, pretty beaches, such as Makarska (right), islands, and historic towns such as Dubrovnik attract tourists from all over Europe. The archipelago is also popular for sailing holidays.



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THE ADRIATIC
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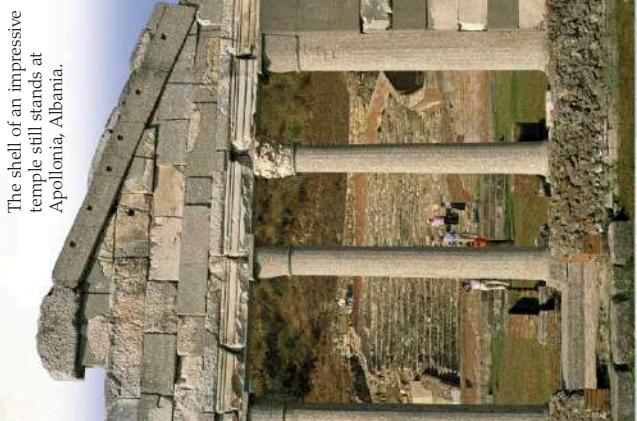
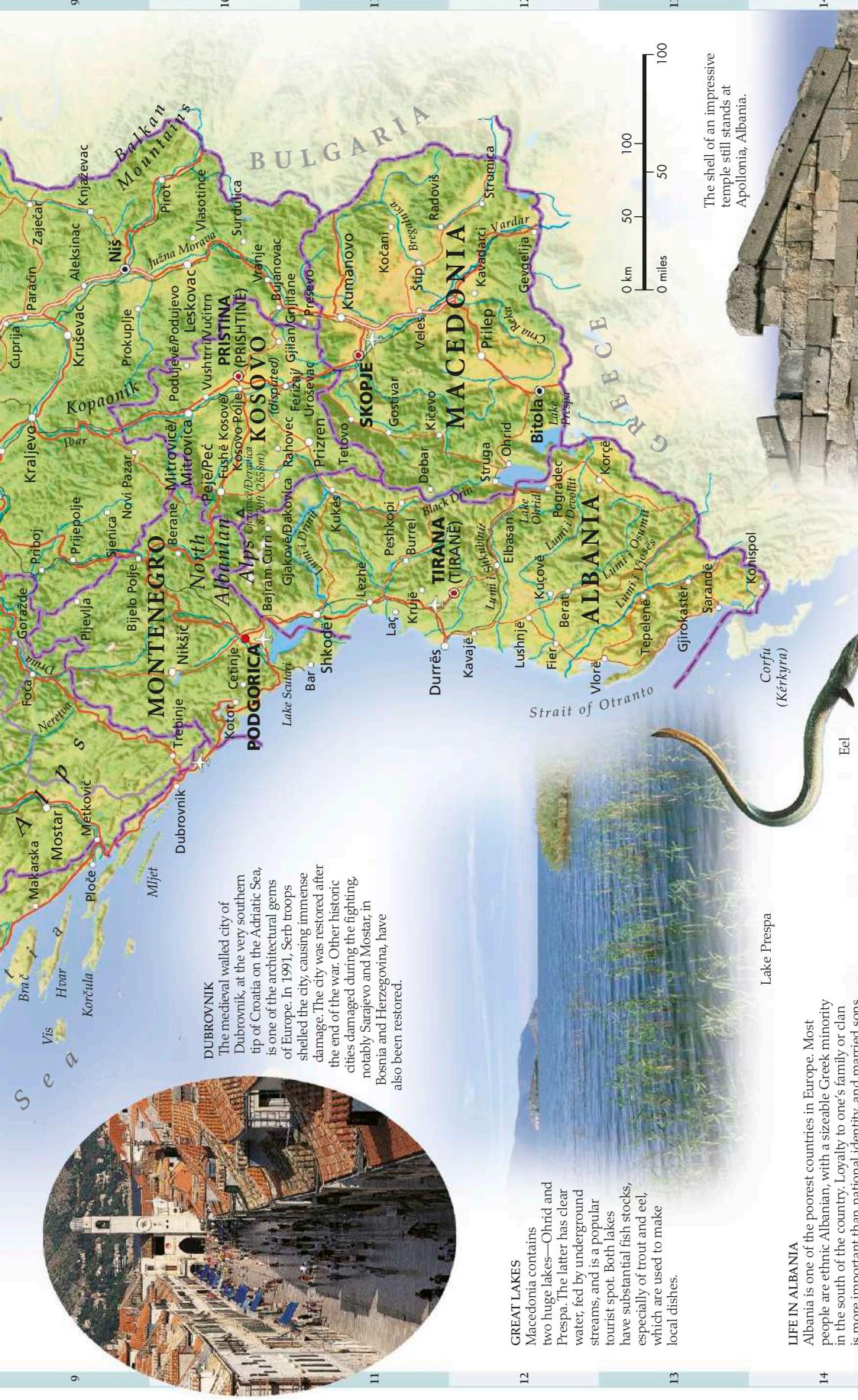
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GROWING FOOD
The most fertile area in this region lies along the River Danube in northern Serbia and eastern Croatia. Here, vegetables, fruit, corn, and cereals are grown, as well as grapes for wine-making. Most farms are small-scale family businesses growing a wide range of crops.



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DIFFERENT SCRIPTS
Croatian and Serbian languages are very similar but the people of Croatia, a predominantly Roman Catholic country, write in Roman script, as do Bosnians. Serbians are mainly Eastern Orthodox and write using both Roman and Russian Cyrillic scripts.





The shell of an impressive temple still stands at Apollonia, Albania.



An Albanian family



Eel

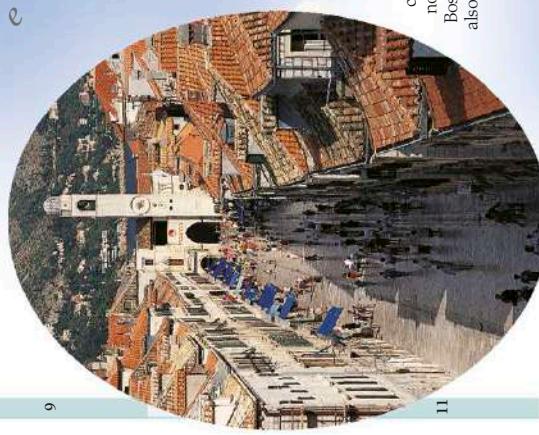


Lake Prespa

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Europe



Bulgaria and Greece

FOR MORE THAN FOUR CENTURIES Bulgaria and Greece were ruled by the Ottoman Turks. Bulgaria gained independence in 1908, while southern Greece became independent in 1832 and was joined by northern Greece in 1913. After World War II, Bulgaria became a communist state. Both states are now democracies and members of the European Union (EU). Bulgaria remains relatively poor. Greece's economy is struggling, despite the billions of euros lent by the EU since 2010. That's when it was discovered that seemingly wealthy Greece had a huge national deficit (meaning it had spent a lot more than it had collected in taxes). Although they border each other, Bulgaria and Greece are quite different; the Greek mainland is mountainous with only one-third of the land suitable for cultivation. By contrast, Bulgaria is more fertile with a strong agricultural tradition. Tourism is an important source of income to both countries, with visitors flocking to the Black Sea resorts in Bulgaria, to the Greek mainland to see the ancient ruins, and to the Greek islands in search of sandy beaches.

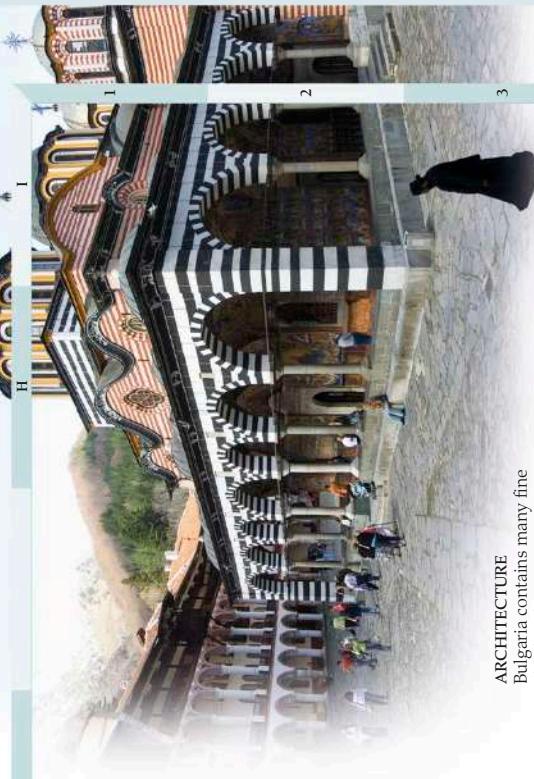
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*First held in Athens
in 1896, the modern
Olympic Games
were staged there
again in 2004.*

4 ARCHITECTURE
Bulgaria contains many fine old churches, monasteries, and mosques, despite the damage done to the country during World War II. Rila Monastery (above) was founded by a hermit monk who took to the mountains in search of solitude in 927 CE. After a fire in 1833, Rila was rebuilt and the magnificent church now boasts three great domes, a museum, and 1,200 frescoes.



BULGARIAN AGRICULTURE

Wheat, corn, and other cereals grow in the fertile Danube river valley in the north of the country. Tobacco (right) grows in the Maritsa river valley in the southeast, while grapes for the wine industry flourish on the slopes of the Balkan Mountains. The festival of Kukerovo Den, with traditional processions, celebrates the start of the agricultural year.

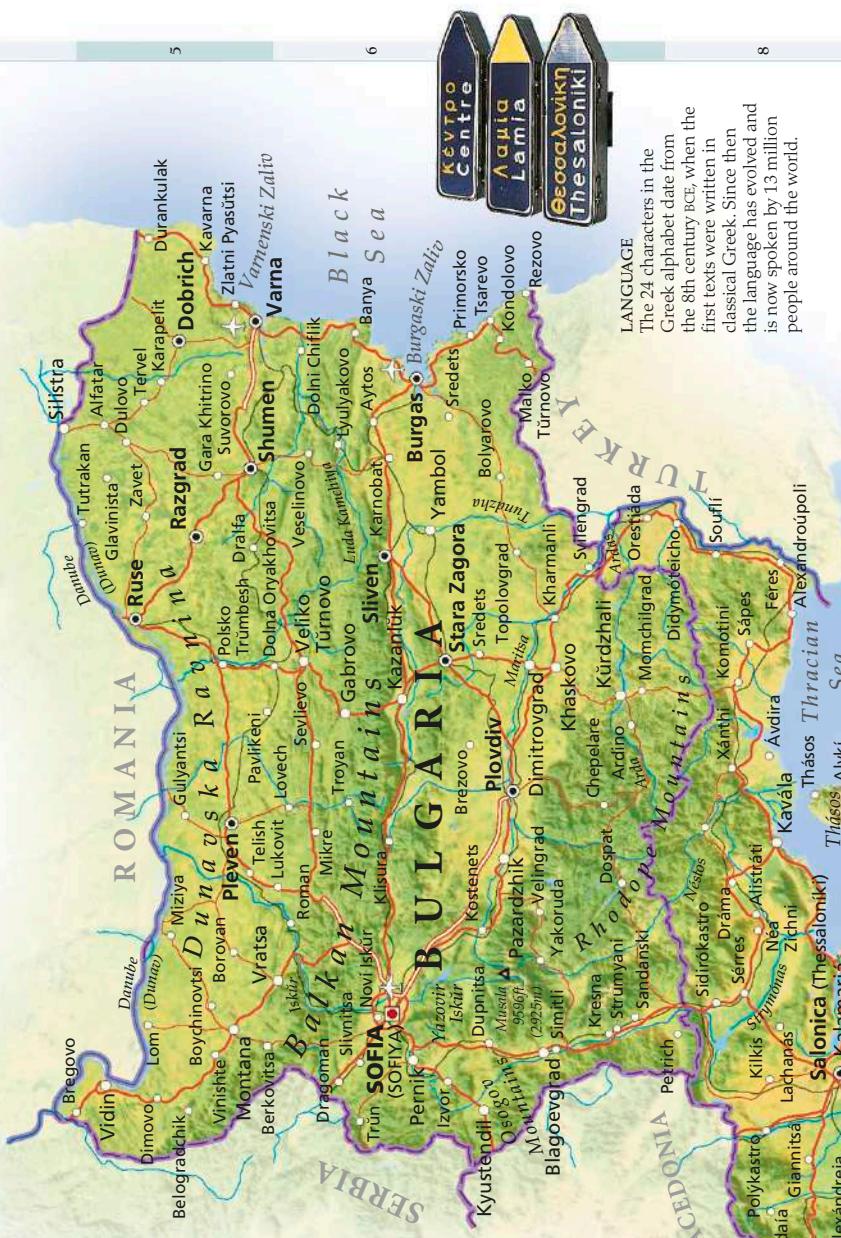


CITY LIFE

Bulgarians make up about 77 percent of the total population of the country. Most of the rest are Turkish, Macedonian, or Roma. Most people live in apartment blocks in the main towns and cities. They are more likely to use public

transportation as not all households have a car.

5 LANGUAGE
The 24 characters in the Greek alphabet date from the 8th century BCE when the first texts were written in classical Greek. Since then the language has evolved and is now spoken by 13 million people around the world.



6 CITY LIFE
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TRANSPORTATION

7 TRANSPORTATION
Trams provide an efficient way for people to get around Bulgaria's capital, Sofia.

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Bulgaria and Greece

GREEK ISLANDS

More than 2,000 islands lie off the mainland of Greece. The Cyclades and Dodecanese in the Aegean Sea are often rocky and arid, while the Ionian Islands, such as Zakynthos (below), are more fertile. Tourists often travel from one island to another by ferry or hovercraft.

CORINTH CANAL

The Corinth Canal was built to provide a shortcut for ships travelling between the Aegean and Ionian Seas. Dug through solid limestone, the steep-sided canal was begun in 1882 by the French and completed in 1893 by the Greeks.

EARTHQUAKES

The idyllic landscape of the Greek Islands, such as Santorini (left), can be rocked by earthquakes. This is because the islands and mainland of Greece, as well as Bulgaria, sit on a plate boundary. There is now a Greek Seismic Code that outlines regulations on all new buildings.

GREEK WEDDING

About 98 per cent of Greeks follow the Greek Orthodox religion and weddings follow the rites of the Orthodox Church. At the ceremony it is traditional for the best man to place wreaths of orange blossom, linked by a silk ribbon, on the heads of the bride and the groom (above).

Sea of Crete (Kritikó Pélagos)

Ionian Sea

Mediterranean Sea

ATHENS

The capital city of Greece is dominated by the Parthenon, a temple built in 447–438 BCE on a rocky hill known as the Acropolis. Modern-day Athens is a sprawling city where the large number of cars cause serious air pollution.

AEGEAN

Sea

Map Key:

- 9 GREEK ISLANDS
- 10 CORINTH CANAL
- 11 EARTHQUAKES
- 12 GREEK WEDDING
- 13 Sea of Crete (Kritikó Pélagos)
- 14 Ionian Sea
- 15 Mediterranean Sea
- 16 AEGEAN

Scale: 0 km / 0 miles



B C D E F G H

Ukraine, Moldova, & Romania

THROUGHOUT MUCH OF THE LAST CENTURY, Ukraine and Moldova formed part of the Soviet Union (USSR), while Romania was ruled for 20 years by the communist dictator Nicolae Ceausescu. In 1989, Ceausescu was overthrown, while Ukraine and Moldova became independent in 1991. Today, the three countries are still struggling to fully transform themselves into modern democracies, although Romania joined the EU in 2007. Outdated technology, dependency on gas and oil from their powerful neighbor Russia, and economic and environmental problems have slowed their progress. It is also a region of ethnic tensions, highlighted in 2014 when Russia annexed Ukraine's Crimean peninsula, where a large part of the population consists of Russians left behind after the USSR break-up.



CITY LIFE

Romania has many cities and towns with a mix of old and new buildings. Sibiu (left) was founded in the 12th century and, at one time, had 19 guilds—each representing a different craft—within its city walls. Much remains from this colorful history, especially in the painted buildings of the old town.

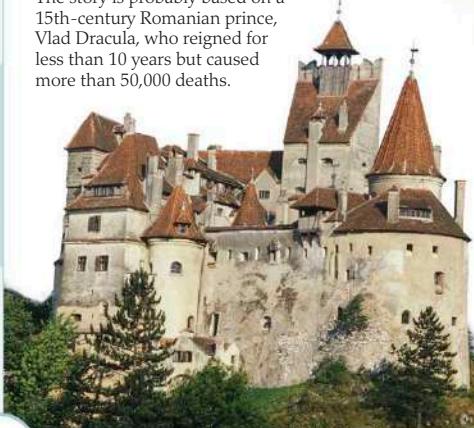


FOLK CUSTOMS

Despite years of communist rule, folk customs thrived in the rural areas of Romania and Ukraine. In Ukraine, singers perform *dumas*, historical epics that tell of slavery under the Turks. One of the traditional instruments is a bandura (left), a stringed instrument that sounds like a harpsichord.

DRACULA'S CASTLE

Situated in Transylvania, Bran Castle is a favorite tourist destination. This is where author Bram Stoker's fictional blood-drinking Count Dracula lived. The story is probably based on a 15th-century Romanian prince, Vlad Dracula, who reigned for less than 10 years but caused more than 50,000 deaths.



The word Transylvania means "land beyond the forests."



EASTER BREAD
In Romania, Easter is celebrated with a meal of roast lamb served with a bread called *cozonac*. This is made by pounding nuts, raisins, and even cocoa, into the dough.



INDUSTRY IN THE UKRAINE

Ukraine is the world's tenth largest steel producer, and also has a big vehicle and space industry. Most of the heavy industry, however, is situated in the east, an area badly affected by Ukrainian-Russian tensions, and exports have been severely damaged since the fallout with Russia.

0 km 0 miles 50 50 100 100

Liquid iron ore

R U S S I A N F E D E R A T I O N

HOLIDAYS BY THE SEA

In the days of the Russian empire, aristocracy and artists flocked to the Black Sea resorts of the Crimea, especially Yalta; the famous authors Leo Tolstoy and Anton Chekhov holidayed here. During the Soviet era, it was the nation's top holiday destination. After 1991, it began attracting foreign visitors, but tourism has declined since Russia annexed Crimea in 2014.

PEOPLE OF ROMANIA

Romanians speak Romanian—a language closely related to French, Italian, and Spanish. The country also has sizeable Hungarian and Roma minorities, which have both been discriminated against in recent years. Most Hungarian speakers live in the region of Transylvania.

RICH SOILS OF MOLDOVA

Moldova consists of partially wooded plains intercut with rivers and streams. About 75 percent of the land is rich in chernozem (black) soil, which is very fertile. Wine and sunflower production are important here. Fruit and vegetables, such as pumpkins (left), also grow well.

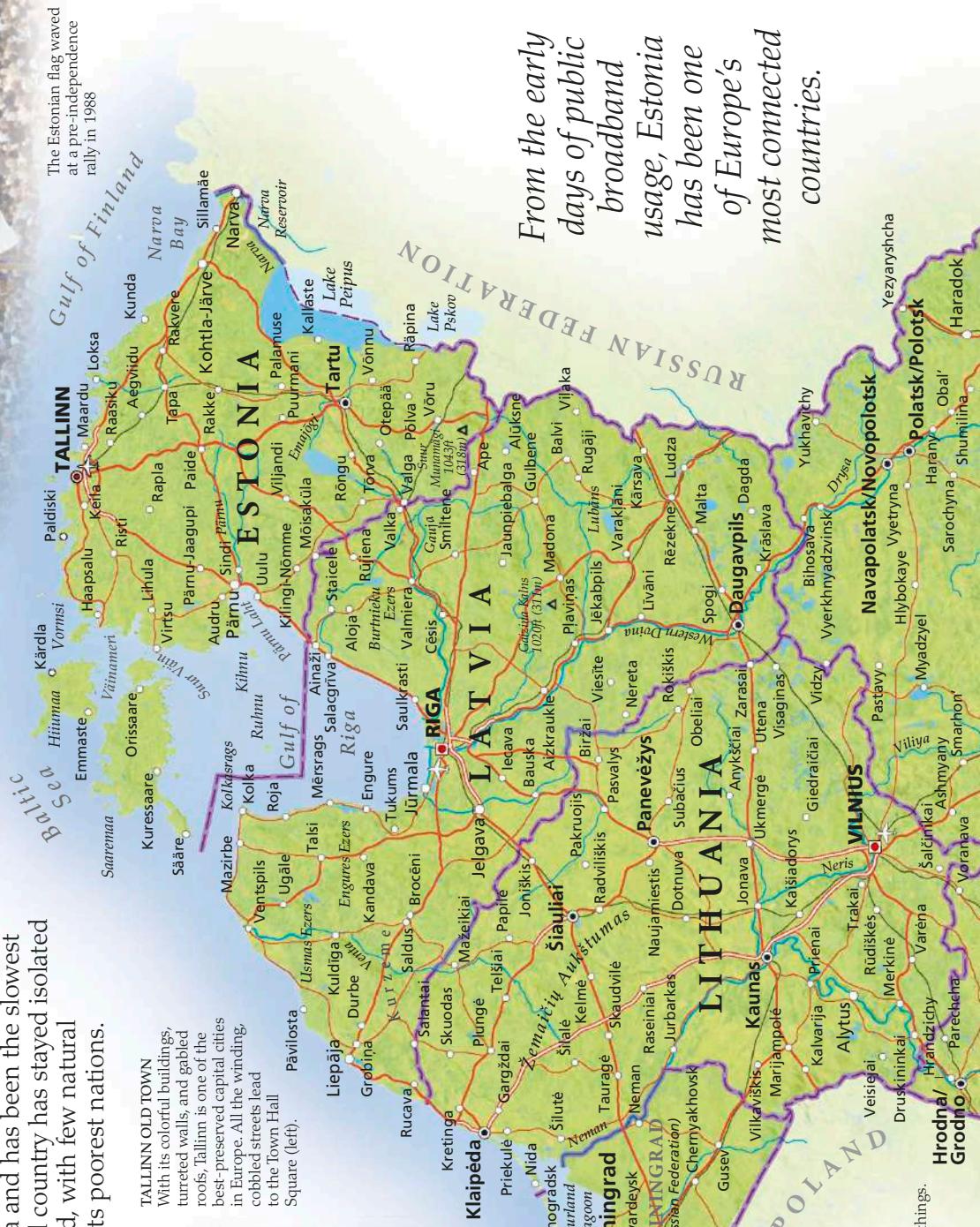
Baltic States & Belarus

THE THREE BALTIC STATES, Estonia, Latvia, and Lithuania, all share a stretch of coast on the Baltic Sea lined with sandy beaches. Belarus lies between Poland, Ukraine, and the Russian Federation. Following independence from the Soviet Union in 1991, all these countries faced problems such as price increases, food shortages, and pollution. However, the Baltic States have reformed into hi-tech societies and economies and have been EU members since 2004. Belarus has kept close links with Russia and has been the slowest to reform. This mainly rural country has stayed isolated from the rest of Europe and, with few natural resources, remains one of its poorest nations.



SINGING REVOLUTION
Estonia is known for its classical music tradition—most notably its choirs. This love of music was most powerful when people raised their voices during the Singing Revolution in 1988 (right), part of their move toward independence.

TALLINN OLD TOWN
With its colorful buildings, turreted walls, and gabled roofs, Tallinn is one of the best-preserved capital cities in Europe. All the winding, cobbled streets lead to the Town Hall Square (left).





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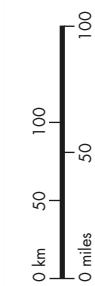
Lithuania has a strong textile industry, with clothes, bed linen, curtains, and towels made for export. Estonia and Latvia are also famous for their linen products, many beautifully hand-crafted.



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The capital of Belarus, Minsk, was destroyed during World War II and then rebuilt in a starkly modern style. Minsk is the country's economic center: Cars, trucks and tractors, electrical household goods, and equipment are all produced here. Farm produce (above) is also sold in the markets.

13



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LITHUANIAN COSTUME In some Lithuanian villages people wear traditional folk costumes for festive occasions. Women's clothing is generally colorful (left) and might include a white linen shirt, a skirt, and an apron. The decoration and style of the costume shows which region of Lithuania the wearer comes from.

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GYMNASICS The former Soviet Union worked extremely hard in order to win Olympic medals and thus national glory. Many of the most famous gymnasts of the era came from Belarus, notably Olga Korbut and Svetlana Boginskaya (right), who won three gold, one silver, and one bronze Olympic medals.



17

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FORESTS AND LAKES All four countries are low-lying with many moors, bogs, unspoiled lakes, and fir and pine forests. Forestry is an important industry, especially in Estonia and Latvia, providing wood pulp for paper making, and timber for furniture and houses.



18

European Russia

SEPARATED FROM ASIAN RUSSIA (see pp.78–79) by the Ural Mountains, European Russia takes up about one-third of the European landmass. The climate and landscape range from cold desert and frozen tundra in the north to the warm coast of the Black Sea in the southwest. Forests and grassy steppes cover vast areas, and Europe's two largest lakes, the Ladoga and the Onega, lie here. Life for most Russians changed considerably after the collapse of communism in 1991, since when the country has been through enormous economic and political changes. More than 110 million people—three-quarters of the total Russian population—live in European Russia, most of them in cities. The huge capital, Moscow, is famous for its onion-domed churches and the medieval Kremlin, residence of the Russian president.

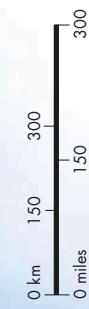


Sleeping Beauty is performed here by dancers from the Kirov Ballet.



ST PETERSBURG

Once Russia's capital, St Petersburg was built in the 18th century by Tsar Peter the Great as "a Window on the West." Today, it is a popular tourist destination, full of grand palaces and extravagant architecture (left). The city spreads over some 40 islands, linked by a network of canals and rivers.



The Church of the Savior on Spilled Blood marks the spot where Tsar Alexander II was murdered in 1881.



6 BALLET
Russia is famous for its ballet companies, such as the Bolshoi Ballet of Moscow and the Kirov Ballet of St Petersburg. Most of the ballets performed are classics, such as Swan Lake or Sleeping Beauty. Developed in Europe in the 19th century, ballet became a popular form of entertainment in the 20th century.



7 EDUCATION
Children go to school here from the age of 6 through to 15, or 17. After a decline due to lack of money after

the fall of communism, these days Russia's free state education is good and Russia's literacy rate is high, at 98 percent. Lately more private schools have opened, too.



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Industrial smog casts a haze over Moscow.

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POLLUTION
The communists invested heavily in industry, but their outdated methods of production are still affecting the environment.
Rivers such as the Volga are badly polluted, and many cities are covered in a permanent and poisonous smog. Chest infections and other diseases related to air pollution are common.

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RURAL LIFE
Rural life became extremely tough after the collapse of large, state-run farms in the 1990s, and many people lived in poverty. Since then, private-owned, small-scale farms have become more common and productive. Grains—mainly wheat and barley—and sunflower oil are the top agricultural exports.



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13
Icons, common in the Russian Orthodox Church, are religious images painted on wooden panels.



THE TATARS
Russia's largest ethnic minority, the Tatars (below), are an Islamic people descended from the Mongols. Their largest population lives in the Tatarstan Republic, midway between Moscow and the Urals.



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The title *tsar*, or *czar*, once used for Russian rulers, means "emperor" and comes from the ancient Roman title "Caesar."

MOSCOW METRO
Not many underground railways can claim to be tourist attractions, but Moscow's metro can. Built in the 1930s, many of its stations are decorated with beautiful chandeliers, mosaics, paintings, and sculptures. One of the busiest, most efficient metros in the world, it is used by more than 7 million people daily.

THE RUSSIAN CHURCH
The main religion in Russia is the Russian Orthodox Church. Under communism, all religion was banned, and churches and monasteries were left to decay. Today many of these historic buildings have been restored, and many Russians attend church services regularly.

ASIA

The vast continent of Asia is dominated by two giant nations—China and India, each with more than a billion people and a rich and colorful history. Both are being transformed by rapid economic growth, and so are many other Asian countries, listed below in order of size. Yet in some regions of central Asia life has barely changed in a thousand years.

China	Iran	Afghanistan	Iraq	Philippines	Nepal
 3,705,407 sq miles 9,596,960 sq km  1,373,541,000  Mandarin, Wu, Cantonese, Hsiang, Min, Hakka, Kan	 636,368 sq miles 1,648,195 sq km  82,801,600  Farsi, Azeri, Luri, Gilaki, Mazandarani, Kurdish, Turkmen, Arabic, Balochi	 251,826 sq miles 652,230 sq km  33,332,000  Pashto, Tajik, Dari, Farsi, Uzbek, Turkmen	 169,234 sq miles 438,317 sq km  38,146,000  Arabic, Kurdish, Turkic languages, Armenian, Assyrian	 115,830 sq miles 300,000 sq km  102,624,000  Filipino, English, Tagalog, Cebuano, Ilocano, Hiligaynon, many other local languages	 56,827 sq miles 147,181 sq km  29,034,000  Nepali, Maithili, Bhojpuri
India	Mongolia	Yemen	Japan	Laos	Bangladesh
 1,269,212 sq miles 3,287,263 sq km  1,266,884,000  Hindi, English, Urdu, Bengali, Marathi, Telugu, Tamil, Bihari, Gujarati, Kannada.	 603,905 sq miles 1,564,116 sq km  3,031,000  Khalkha Mongolian, Kazakh, Chinese, Russian	 203,848 sq miles 527,968 sq km  27,393,000  Arabic	 145,913 sq miles 377,915 sq km  126,702,000  Japanese, Korean, Chinese	 91,428 sq miles 236,800 sq km  7,019,000  Lao, Mon-Khmer, Yao, Vietnamese, Chinese, French	 55,598 sq miles 143,998 sq km  156,187,000  Bengali, Urdu, Chakma, Marma (Magh), Garo, Khasi, Santhali, Tripura, Mru
Kazakhstan	Pakistan	Thailand	Vietnam	Kyrgyzstan	Tajikistan
 1,052,084 sq miles 2,724,900 sq km  18,360,000  Kazakh, Russian, Ukrainian, German, Uzbek, Tatar, Uyghur	 307,372 sq miles 796,095 sq km  201,956,000  Punjabi, Sindhi, Pashto, Urdu, Balochi, Brahui	 198,116 sq miles 513,120 sq km  68,201,000  Thai, Chinese, Malay, Khmer, Mon, Karen, Miao	 127,880 sq miles 331,210 sq km  95,261,000  Vietnamese, Chinese, Thai, Khmer, Muong, Nung, Miao, Yao, Jarai	 77,201 sq miles 199,951 sq km  5,728,000  Kyrgyz, Russian, Uzbek, Tatar, Ukrainian	 55,251 sq miles 143,100 sq km  8,331,000  Tajik, Uzbek, Russian
Saudi Arabia	Turkey	Turkmenistan	Malaysia	Syria	North Korea
 829,995 sq miles 2,149,690 sq km  28,160,000  Arabic	 302,533 sq miles 783,562 sq km  80,275,000  Turkish, Kurdish, Arabic, Circassian, Armenian, Greek, Georgian, Ladino (Judeo-Spanish)	 188,455 sq miles 488,100 sq km  5,291,000  Turkmen, Uzbek, Russian, Kazakh, Tatar	 127,354 sq miles 329,847 sq km  30,950,000  Bahasa Malaysia, Malay, Chinese, Tamil, English	 71,498 sq miles 185,180 sq km  17,185,000  Arabic, French, Kurdish, Armenian, Circassian, Turkic languages, Assyrian, Aramaic	 46,540 sq miles 120,538 sq km  25,115,000  Korean
Indonesia	Myanmar (Burma)	Uzbekistan	Oman	Cambodia	South Korea
 735,354 sq miles 1,904,569 sq km  258,316,000  Javanese, Sundanese, Madurese, Bahasa Indonesia, Dutch	 261,227 sq miles 676,578 sq km  56,890,000  Burmese, Shan, Karen, Rakhine (Arakanese), Chin, Yangbye, Kachin, Mon	 172,741 sq miles 447,400 sq km  29,474,000  Uzbek, Russian, Tajik, Kazakh	 119,498 sq miles 309,500 sq km  3,355,000  Arabic, Balochi, Farsi, Hindi, Punjabi	 69,898 sq miles 181,035 sq km  15,957,000  Khmer, French, Chinese, Vietnamese, Cham	 38,502 sq miles 99,720 sq km  50,924,000  Korean

Jordan  34,495 sq miles 89,342 sq km 8,185,000 Amman Arabic	Sri Lanka  25,332 sq miles 65,610 sq km 22,235,000 Colombo Sinhala, Tamil, Sinhala-Tamil, English				
Azerbaijan  33,436 sq miles 86,600 sq km 9,873,000 Baku Azerbaijani, Russian	Bhutan  14,824 sq miles 38,394 sq km 750,100 Thimphu Dzongkha, Nepali, Assamese	Israel  8,019 sq miles 20,770 sq km 8,175,000 Jerusalem Hebrew, Arabic, Yiddish, German, Russian, Polish, Romanian, Persian	Qatar  4,473 sq miles 11,586 sq km 2,258,000 Doha Arabic		
United Arab Emirates  32,278 sq miles 83,600 sq km 5,927,000 Abu Dhabi Arabic, Farsi, Indian and Pakistani languages, English	Taiwan  13,892 sq miles 35,980 sq km 23,465,000 Taipei Amoy Chinese, Mandarin Chinese, Hakka Chinese	Kuwait  6,880 sq miles 17,818 sq km 2,833,000 Kuwait City Arabic, English	Lebanon  4,015 sq miles 10,400 sq km 6,238,000 Beirut Arabic, French, Armenian, Assyrian	Bahrain  286 sq miles 741 sq km 1,379,000 Manama Arabic	Seychelles  176 sq miles 455 sq km 93,200 Victoria French Creole, English, French
Georgia  26,911 sq miles 69,700 sq km 4,928,000 Tbilisi Georgian, Russian, Azeri, Armenian, Mingrelian, Ossetian, Abkhazian	Armenia  11,484 sq miles 29,743 sq km 3,051,000 Yerevan Armenian, Azeri, Russian	East Timor  5,743 sq miles 14,874 sq km 1,261,000 Dili Tetum (Portuguese/ Austronesian), Bahasa Indonesia, Portuguese	Brunei  2,226 sq miles 5,765 sq km 436,600 Bandar Seri Begawan Malay, English, Chinese	Singapore  269 sq miles 697 sq km 5,782,000 Singapore Mandarin, Malay, Tamil, English	Maldives  115 sq miles 298 sq km 393,000 Malé Dhivehi (Maldivian), Sinhala, Tamil, Arabic



B C D E F G H

Turkey and the Caucasus

TURKEY LIES IN BOTH ASIA and Europe—separated by the Bosphorus—and was once part of the powerful Ottoman Empire. Although the population is 99 percent Muslim, modern Turkey is a country with no official religion. Western Turkey is relatively industrialized, with a tourist industry along the Mediterranean coast that brings in considerable income. Many farmers and herders in the center and east, however, struggle to make a living in the arid environment.

To the northeast lie the Caucasus countries of Georgia, Azerbaijan, and Armenia. Once part of the USSR, they are now independent.



TURKISH FOOD

Turkey is self-sufficient in food and grows specialized crops such as eggplants, peppers, figs, and dates. A typical Turkish meal might consist of spiced lamb, often grilled on a skewer with onion and tomato to make a *shish kebab*. This would be served with rice or cracked wheat.



ISTANBUL

The different faces of Turkey can be seen in its former capital, Istanbul, which lies on both sides of the Bosphorus waterway. Churches, mosques, and ancient buildings in both European and Islamic styles sit side by side with modern shops and offices. Bridges link the two parts of the city. In 1923, Ankara became the new capital.



TURKISH REPUBLIC OF NORTHERN CYPRUS
(recognized only by Turkey)



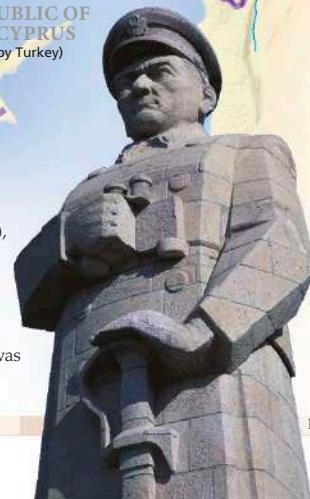
EPHESUS

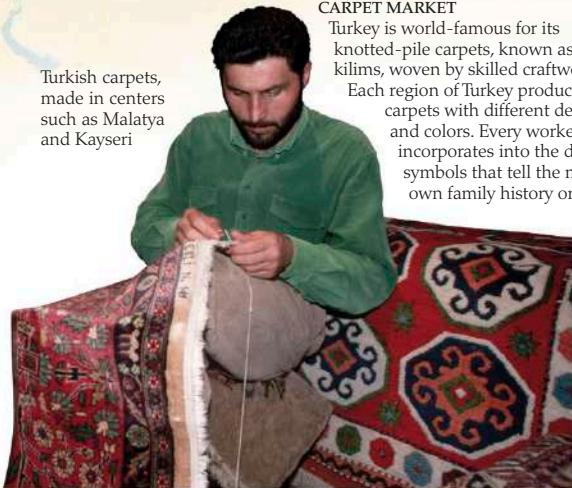
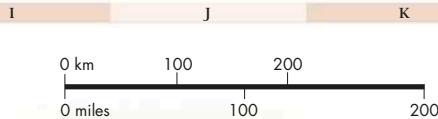
Tourism is one of Turkey's major industries. As well as beach resorts, the country has many ancient sites. One of these is the old Greek city of Ephesus, which lies 35 miles (56 km) south of modern-day Izmir on the Aegean coast. The city was famous for its Temple of Artemis, which was considered one of the seven wonders of the world.

Visitors to Ephesus admiring the remains of the Library of Celsus

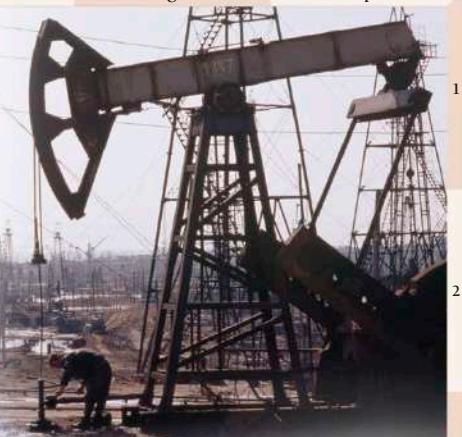
FATHER OF THE TURKS

Mustafa Kemal Atatürk (1881–1938), founder of the modern Turkish state, became its first president in 1923. He introduced many reforms, including more equality for women and better education for all. He also declared that Islam was no longer to be the official religion.

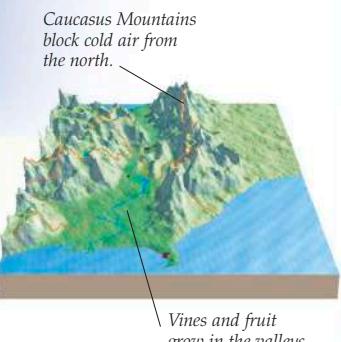




OIL FROM AZERBAIJAN
Many years ago, caravans of camels carried vessels loaded with oil from Baku to nearby countries. By the end of the 19th century, the city was known as the "black gold" capital of the world. Today, Azerbaijan produces and exports oil as well as natural gas.



Mount Ararat in Turkey is said to be the resting place of Noah's ark after the flood described in the Bible.



CAUCASUS
The towering Caucasus Mountains protect Armenia, Georgia, and Azerbaijan from the cold northerly winds. As a result, farmers can take advantage of this mild climate to grow citrus fruit, tobacco, and tea. Walnuts and hazelnuts are valuable export crops.

PEOPLE OF TURKEY
The Turks, who make up about 70 percent of the population of 80 million, are a diverse group with a shared sense of national identity. The largest minority in Turkey—about 15 million people—are the Kurds (below), who speak their own language but have no homeland. They live in eastern Turkey, as well as in neighboring Iraq and Iran.





B C D E F G H

Russia and Kazakhstan

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0 miles 400 800 400 800

THE RUSSIAN FEDERATION is the biggest country in the world, almost twice as big as either the US or China. It extends halfway around the world, crosses two continents, and spans 11 time zones. The vast region of Siberia alone is larger than Canada. Kazakhstan lies to its south and is a large but sparsely populated country. From 1917 to 1991, both countries were part of the Union of Soviet Socialist Republics (USSR), the world's first communist state. When the USSR collapsed, Russia, Kazakhstan, and the 13 other member republics gained independence. Today, Russia and Kazakhstan are both ruled by elected presidents. Both countries have a lot of fertile land, huge mineral deposits, and many other natural resources. However, Russia still has a very low life expectancy rate compared to other industrialized countries.

Lake Baikal is up to 6,365 ft (1,940 m) deep and contains more than 20 percent of the world's freshwater supply.



Kazakh man hunting with a trained golden eagle

KAZAKH CULTURE

The majority of people in Kazakhstan are Kazakh Muslims. They were once a nomadic people who traveled around on horseback, herding their sheep. Although about half of the Kazakhs live in rural areas, retaining a strong loyalty to their clans and families, the city of Almaty and the new, modern capital of Astana are growing quickly, due to wealth generated by oil and gas.

Coal miners in Siberia



NATURAL WEALTH

Siberia contains around a quarter of the world's natural gas reserves and has vast deposits of oil, as well as abundant minerals such as coal and precious metals including gold. However, many of these resources are inaccessible or in remote places, and the extreme winters make it difficult to extract them.





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TAIGA FOREST

Russia's forests cover more than two-fifths of the country's territory. The taiga forest type extends across the Urals to cover much of Siberia. This type of forest is formed by small, widely spaced trees, with large areas of poorly drained marsh grasses.



Nenets man
guiding a sledge
and reindeer



NATIVE PEOPLES

During the winter months, temperatures in Siberia regularly drop to below -45°F (-43°C). The native people who live here, such as the Nenets people of the Yamal Peninsula region, have adapted well to their environment and survive by herding reindeer, hunting, and fishing.



RUSSIAN LANGUAGE
Russian is the official language of the Russian Federation, but many of the 152 other nationalities inside the federation speak their own language as well. The Russian language uses the Cyrillic alphabet, which was devised by Greek missionaries.

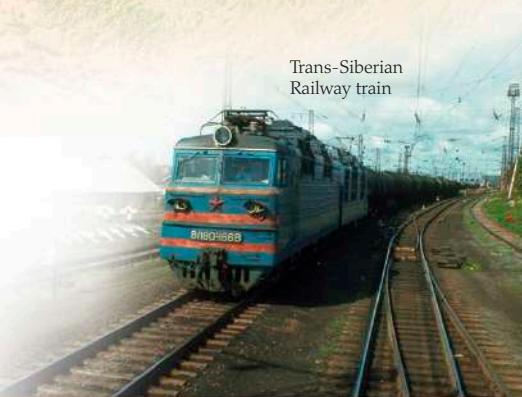
OLD CUSTOMS

The communists tried to impose a Russian national culture on the native peoples of Siberia, but many of their customs survived in remote areas. Today, traditional costume, music, and dance are all flourishing throughout Siberia.



Russian dancer
in traditional dress

Trans-Siberian
Railway train



TRANS-SIBERIAN RAILWAY

The longest railway in the world runs 5,772 miles (9,289 km) from Moscow's Yaroslavl Station in the west, across Siberia to the Pacific port of Vladivostok in the east. The railway was started in 1891 and took 14 years to finish. Trains take eight days to complete the journey and cross eight time zones.

Siberian tiger



SIBERIAN WILDLIFE

Siberia is home to a huge range of wildlife, including the rare Siberian tiger (the biggest tiger in the world), wolves, reindeer, and black and brown bears. The Baikal seal—found only in Lake Baikal—is the world's only freshwater seal.

The Near East



ISRAEL, JORDAN, SYRIA, AND LEBANON are the countries collectively known as the Near East. This is a land that is dominated by desert but also has fertile coastal plains. Lack of water is a constant problem here, although Israel has introduced computerized irrigation systems to extend the land suitable for agriculture. The creation of the Jewish state of Israel in 1948, in what was previously Arab-dominated Palestine, has led to almost continuous conflict in the region. Lately, the devastating civil war in Syria has added more tension in the whole Near and Middle East region.

LEBANON REBUILT
Beirut, the capital of Lebanon, was once the commercial and banking center of the Arab world, but was devastated by the civil war that ravaged the country from 1975 to the early 1990s. Today, Beirut has regained some of its former glory. But Lebanon remains unstable, and is still dominated by its two powerful neighbors—Syria and Israel.



CYPRUS
Cyprus became independent from Britain in 1960. However, conflict between Greeks and Turks caused Turkey to invade the island in 1974. Since then, Cyprus has been split between a Turkish Cypriot north and a Greek Cypriot south. Most Cypriots make a living from farming grapes, citrus fruit, and olives, but tourism makes up a big part of the economy.



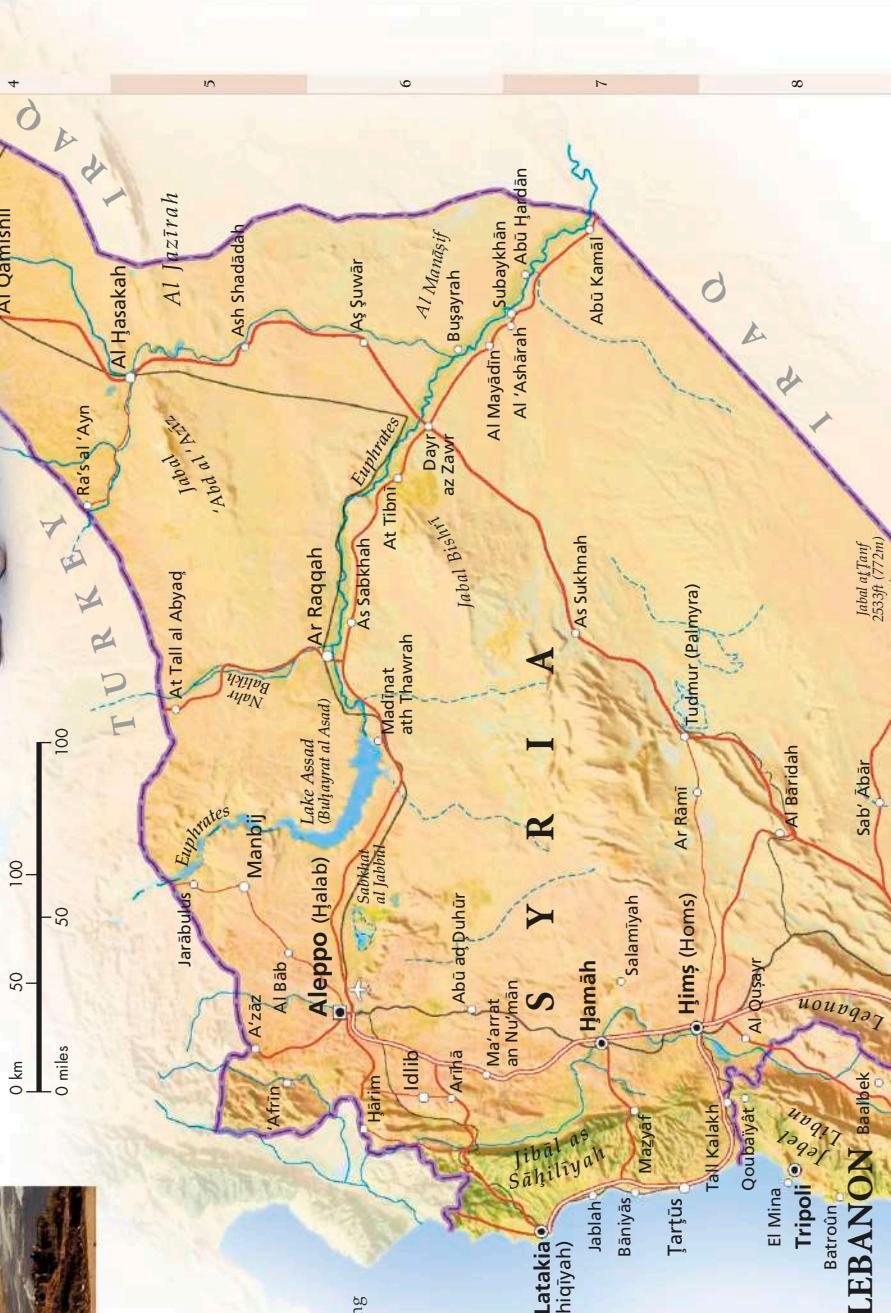
Woman making a lace-item to sell to tourists



SYRIAN MARKET
Damascus is one of the oldest inhabited cities in the world. At its center is a massive souk (bazaar), full of stalls and small shops selling everything from carpets, textiles, and jewelry to household goods and fresh produce.



DAILY LIFE
Even during war or conflicts, people try to continue to live as normally as possible, although it might be difficult to get food or go to school. These Palestinian boys enjoy a game of football in the street.



The map on
Cyprus's flag is
copper-colored
because Cyprus
means "island
of copper."



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The Near East

LAND OF REFUGEES
The frequent wars between Israel and its Arab neighbors, and conflicts in the Gaza Strip and West Bank, led to a huge number of Palestinian refugees fleeing Israel to seek shelter in neighboring countries. In addition, from 2011, the civil war in Syria added almost 5 million new refugees ending up in Jordan, Lebanon, Turkey, and Iraq. While some refugees are permanently settled, the majority live in huge, poorly equipped camps with only basic facilities and little chance of work or education.

9 ANCIENT CITY OF PETRA
Temples and tombs were cut out of the rock to form the spectacular city of Petra, in modern-day Jordan. Petra was built by the Nabateans, an Arab tribe of the 4th century BCE. The remains of the city are situated in a valley surrounded by cliffs with only one narrow entrance. Petra is Jordan's most famous historic site.

10 JORDAN
Much of Jordan is hot, dry desert, with little land available for agriculture. Water is scarce and control of the River Jordan, which forms a border with Israel, is an important issue in peace talks. The desert is home to nomadic tribes of Bedouin, who live in large tents woven from camel hair. Modern Bedouin use cars and trucks for transport; Jordan has few natural resources other than phosphates, which it exports for use as fertilizer, and some limited oil reserves.

11 ISRAEL
Refugees living in crowded conditions near Amman, Jordan

12 THE KINGDOM OF JORDAN
Jordanian desert police officer patrolling the borders; most are from Bedouin families.

13 JERUSALEM
The old city of Jerusalem is sacred to three of the world's major religions: Judaism, Christianity, and Islam, each with their own holy sites and separate districts. Both Israelis and Palestinians claim Jerusalem as their capital. As a result, the city is a frequent source of conflict. The Dome of the Rock, sacred to Muslims, and the Western Wall, sacred to Jews, stand next to each other.

14 GAZA STRIP (under Palestinian administration)
A Bedouin man on a camel in the Jordanian desert.

15 THE DOMED ROCK
The Dome of the Rock, a golden dome set atop a rocky hill in Jerusalem.

16 JERUSALEM
A Bedouin man on a camel in the Jordanian desert.



The Middle East

TH E MIDDLE EAST IS HOME to the world's oldest civilizations, which grew up in the Tigris and Euphrates river valleys of present-day Iraq more than 6,000 years ago. The world's first towns and cities were built here. Since then, many powerful empires have dominated the region, all leaving a wealth of buildings and monuments behind them. Today, the Middle East is at the center of the Islamic world. The population of every country is Arab and speaks Arabic, except Iran, where half the population are Farsi-speaking Persians.

OIL PRODUCTION

The Middle East is the world's major oil producer—Saudi Arabia alone produces more than 12 percent of the world's supply. Oil has brought great wealth to the region, in particular to Saudi Arabia and the Gulf States.

THE IRANIANS

About half the total population of Iran are Persians, who live in the center and north of the country. Large numbers of Azeris live in the northwest, while Kurds live in the west and Baluchis in the southeast. The official language of Iran is Farsi, but many other languages are also spoken.



DESERT WARS

Most international boundaries in the Middle East were drawn by the former European colonial powers, and have often caused conflict. Iraq and Iran fought a bitter eight-year war along their common border from 1980. Since then, further conflicts between Iraq and international forces, as well as against the so-called "Islamic State" terrorist organization, have caused much suffering here.



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The Middle East



Saudi Arabia is the only country in the world to be named after its royal family—the house of Al Saud.

The Qur'an, the book of sacred writings of Islam





B C D E F G H

Central Asia

THE FIVE CENTRAL ASIAN NATIONS rise up from hot deserts in the west and south to cold, high mountain ranges in the east. The area has oil, gas, and mineral reserves, as well as other natural resources, but water is often scarce and agriculture is limited. The four northern nations were once part of the Soviet Union and are now independent nations. Afghanistan is a landlocked country and three-quarters of its land is inaccessible terrain. It was invaded by the Soviet Union in 1979, prompting a continuous series of civil wars. The 2001 invasion by American and other Western forces overthrew the fundamentalist Islamic regime and led to democratic presidential elections, but Afghanistan is still unstable. Wrecked by more than 30 years of warfare, it is one of the poorest and most deprived nations on Earth.



One of the world's largest gold mines is at Muruntau in the Kyzyl Kum desert in Uzbekistan.



An Afghan man carries bread with which to break the Ramadan fast.

FESTIVALS IN AFGHANISTAN

Despite the horrors of recent years, the Afghans still celebrate important Islamic festivals, notably Eid ul-Fitr, which marks the end of the holy month of Ramadan. People visit friends and family and eat a festive meal together. The art of storytelling still flourishes in Afghanistan, as does the *attan*, the national dance.



Children in Kabul, Afghanistan, made homeless by war

LIFE EXPECTANCY

As a result of war, drought, and poverty, people in Afghanistan can expect to live an average of only 51 years, one of the lowest life expectancy rates in the world. Infant mortality is extremely high. Health services have almost completely collapsed and few trained doctors and nurses are available to help the sick.

Many children have been orphaned or made homeless, and few have been able to go to school.

ARAL SEA ENVIRONMENTAL DISASTER
The inland Aral Sea, between Uzbekistan and Kazakhstan, was once a vast, thriving freshwater lake full of fish. Over the years, the rivers flowing into it were diverted or drained to provide irrigation for crops. The sea has now shrunk to less than one-tenth of its original size, reducing the numbers of fish, and leaving former fishing villages and rusting ships stranded inland.

MOUNTAIN LIFE
The two small eastern republics of Kyrgyzstan and Tajikistan are both very mountainous and are subject to earthquakes and landslides. Only about six per cent of Tajikistan can be used for growing crops, whereas Kyrgyzstan is more fertile.

LOCAL WEALTH
Uzbekistan, Turkmenistan, and Kyrgyzstan all grow considerable crops of cotton—Uzbekistan is the world's sixth largest producer—as well as fruit and vegetables. The three countries are also rich in mineral deposits, such as gold, mercury, sulphur, and uranium, and have reserves of coal, oil, and natural gas.

THE TAJIKS
The majority of people of Tajikistan are Iranian in origin and speak Tajik, which is related to Farsi. The minority Uzbeks are made up mainly of descendants of Turkic-speaking (related to Turkish) nomads. This division has led to ethnic tension between the two groups. Civil war between the government and Islamic rebels in the east of the country during the 1990s led to an exodus of Uzbeks and Russians, who had moved into the country when it was part of the Soviet Union.

THE SILK ROAD
The Silk Road is the ancient trading route that brought silks and other fine goods from China through central Asia and the Middle East to Europe. Many cities were built along its route, including Buxoro (Bukhara, Uzbekistan), an important place of pilgrimage for Muslims, and Samarcand, which contains some of the finest Islamic architecture in the world. Many of these cities are now UNESCO-designated World Heritage Sites.



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Indian Subcontinent

SEPARATED FROM the rest of Asia by the Himalayas, the Indian subcontinent is home to more than one-fifth of the world's population—almost 1.7 billion people. They have a long and complex history, form many different ethnic groups, speak a wide variety of languages, and worship many different gods. While some people in these countries are wealthy, many others live in poverty. Tensions between and within countries in this region have sometimes erupted in warfare. The Indian subcontinent is often affected by natural disasters, notably cyclones in the Bay of Bengal, and earthquakes and floods in Pakistan. However, India, the most heavily populated nation and once prone to famine, is now more than self-sufficient in food. All but Nepal and Bhutan were once ruled by the British, whose legacy can be seen in the common language of English, in some architecture, the vast railway system, and in sport—most notably cricket.

MONSOON

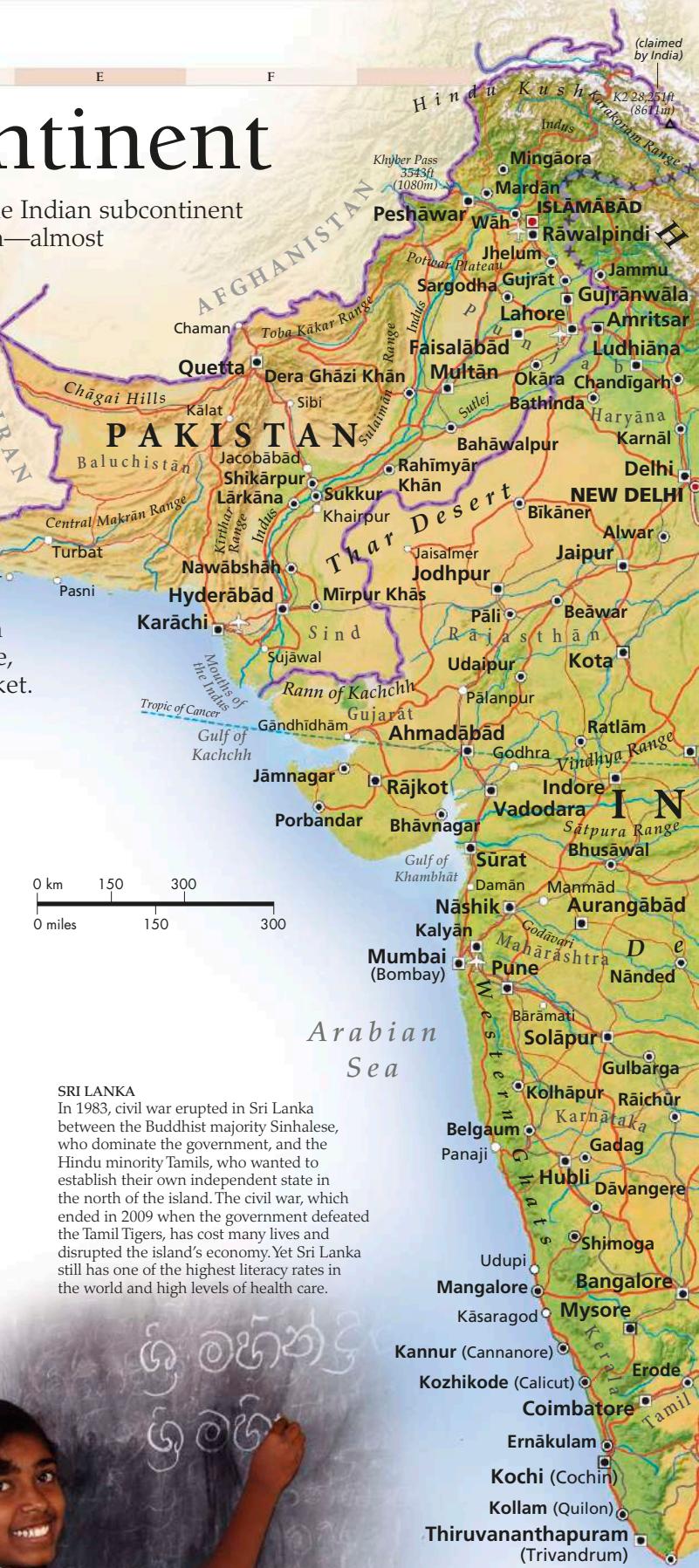
From May/June to September, warm, moist southerly winds sweep up from the Indian Ocean and the Bay of Bengal across the subcontinent. Once these winds meet dry land, moisture falls as monsoon rainfall. Although this irrigates the land and replenishes the water supply, it can also cause severe flooding.



FAMILY LIFE IN PAKISTAN

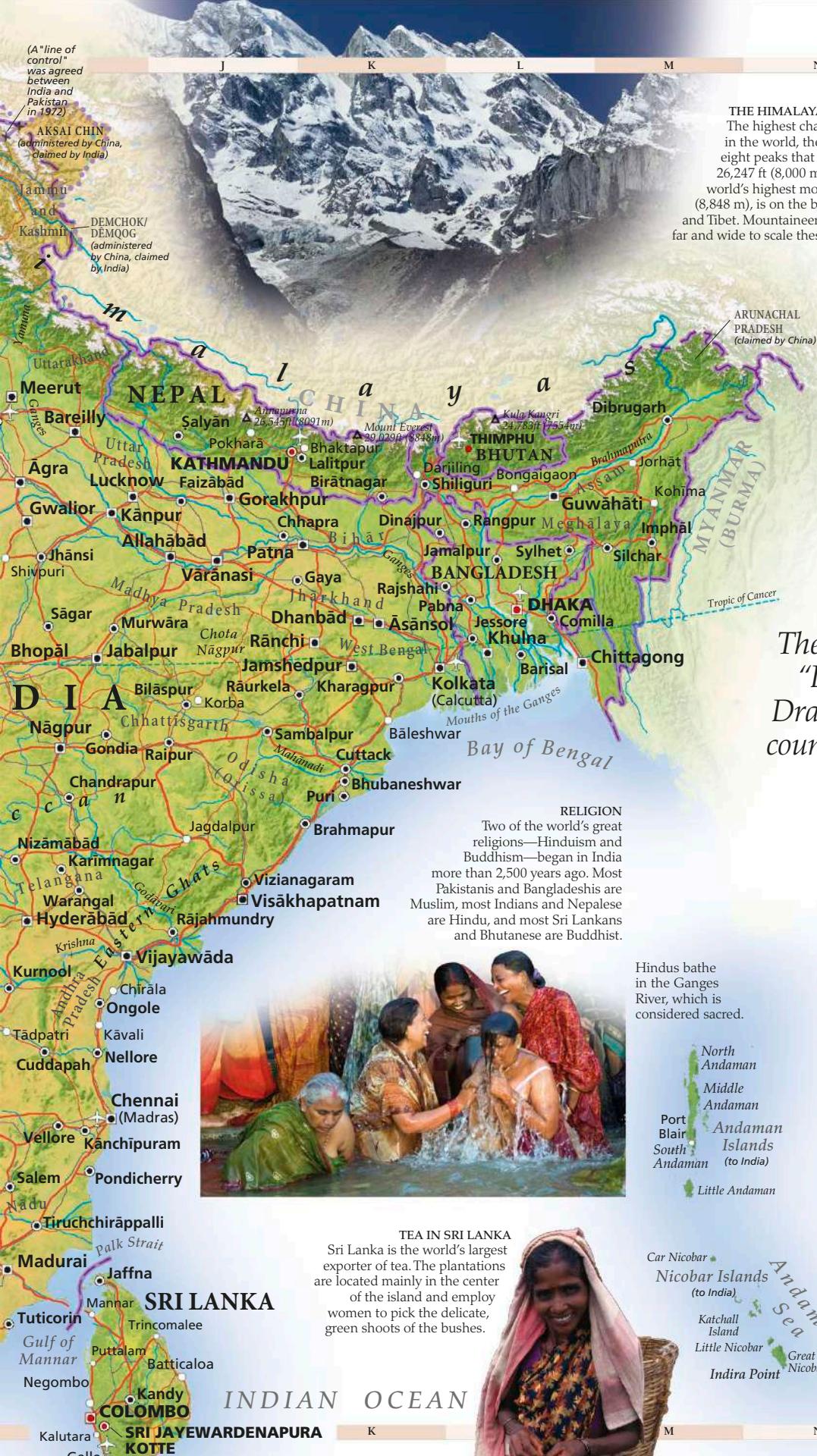
Pakistanis have strong ties to their extended families, and often many generations live and work together in family-run businesses. Smaller family units, however, are becoming more common in urban areas. Although some women hold prominent positions in public and commercial life, such as Benazir Bhutto who was prime minister twice before she was assassinated in December 2007, most women do not work outside the home.

School child,
Sri Lanka



SRI LANKA

In 1983, civil war erupted in Sri Lanka between the Buddhist majority Sinhalese, who dominate the government, and the Hindu minority Tamils, who wanted to establish their own independent state in the north of the island. The civil war, which ended in 2009 when the government defeated the Tamil Tigers, has cost many lives and disrupted the island's economy. Yet Sri Lanka still has one of the highest literacy rates in the world and high levels of health care.



BOLLYWOOD
More films are produced in Mumbai (Bombay), India—more than 1,000 a year—than in the whole of the US, turning “Bollywood,” as it is known, into a major cultural center. Famous for their musical routines and glamorous stars, Bollywood films generally had historical and social themes. Today, these have expanded to include more contemporary stories as the films have found a fan base in the large Indian diaspora across the world.



B C D E F G H

Western China and Mongolia

CHINA IS A LAND of great geographical diversity and amazing landscapes. More than 90 percent of the population are Han Chinese—descendents of people who settled here more than 5,000 years ago. This region includes western China, Mongolia, and Tibet. Mongolia gained its independence from China in 1911 and is now an independent democracy. Tibet is currently governed by China. Compared with eastern China, this region is sparsely populated and characterized by vast deserts, remote mountains, and extreme temperatures.



In traditional Mongolian khoomi singing, men are able to sing several notes at once.

兒童百科全書

CHINESE WRITING
The Chinese alphabet is not made up of letters. Instead, separate symbols stand for individual words or parts of words. There are more than 50,000 characters in the Chinese language. The same symbols are used everywhere in China, and no matter what Chinese language or dialect people speak, they can all read the same script.

Chinese symbols, whose strokes have to be written in a certain order

THE MONGOLIANS
Most of the people living in Mongolia are Khalkh Mongols. About 70 percent of Mongols now live in urban areas, but some still lead traditional lives as nomadic herders. They live in large felt tents, called *yurts*. Smoke from the central iron stove escapes through a chimney in the roof.



MONASTERIES IN MONGOLIA

Under communism, Mongolians were forbidden to practice their traditional Buddhist faith, which was viewed as superstitious and unscientific. Since the democratic government was set up in 1990, some monasteries have reopened. Many people, however, no longer follow any religion.

Western China and Mongolia

Map of Western China and Mongolia

The map shows the regions of Western China and Mongolia, including the Gobi Desert, the Great Wall of China, and the Tibetan Plateau. Major cities like Ulan Bator, Ulan Qab, Baotou, Hohhot, and Lanzhou are marked. Rivers like the Yellow River, Heilong Jiang, and Amur are also shown. A scale bar indicates distances from 0 km to 400 miles.

FESTIVAL OF NAADAM
 Each July, people all over Mongolia celebrate the sports festival of Naadam. Three sports—wrestling (above), archery, and horse riding—are the focus of the festivities. The skills needed to take part in these activities are those that would have helped people survive the traditional nomadic lifestyle.

PEOPLE OF TIBET
 Most Tibetans live in the valleys of the Tibetan plateau, high in the Himalayas and surrounded by the world's tallest mountains. Tibetans have their own language and culture. Recently, many Han Chinese have settled in this region.

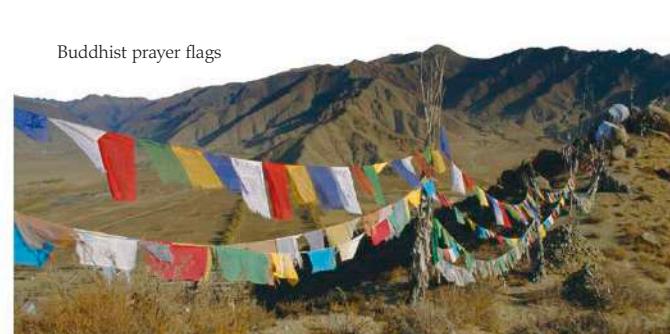
GREAT WALL OF CHINA
 About 2,200 years ago, approximately 300,000 slaves began to build China's enormous Great Wall. Originally built to protect China's northern borders, it is the longest human-made structure ever built and stretches from central Asia to the Yellow Sea, a distance of 3,980 miles (6,400 km).

TRADITIONAL MEDICINE
 As well as modern medicine, many Chinese still use alternative remedies. Traditional medicine is based on the belief that health is achieved by balancing a person's mind and body—*their yin and yang*. Any imbalance is treated with medicines made from dried plant materials (left). Some animals, including Asiatic bears, are now endangered due to the demand for parts used in traditional medicine.

Buddhist prayer flags

BUDDHIST TIBET
 Many Tibetans are devout Buddhists. Their religious leader, the Dalai Lama, used to live in Lhasa. In 1951, however, Tibet became part of China and the government restricted the people's religious freedom and lifestyle. This has resulted in tension between the Tibetans and the Chinese government. The Dalai Lama now lives in exile in India.







B C D E F G H

Eastern China and Korea

CHINA HAS A LARGE population of almost 1.4 billion, with two-thirds living in eastern China. For thousands of years, powerful emperors ruled China. During this period, Chinese civilization was very advanced, but much of the population lived in poverty. In 1949, after a communist revolution, the People's Republic of China was established. Food, education, and health care became available to more people, but there was also a loss of freedom. Today, Chinese people have more freedom, but the government still has tight control over their lives. The Korean peninsula is divided politically into north and south, and political tensions continue to exist between the two governments. Since 1949, Taiwan has been in dispute with China over who governs the mountainous island of Taiwan.



HONG KONG

For 100 years, Hong Kong was a British colony. Then, in 1997, it was returned to China. These small islands are some of the most densely populated parts of the world. Most people live and work in high-rise buildings. It has a prosperous economy at the heart of global finance and the people there have one of the world's highest life expectancies.

Skyline of Hong Kong with a Chinese junk in the foreground



SMALL FAMILIES

China's population grows by millions each year. In 1979, to try to control the rising population, the government brought in policies to stop parents from having more than one child. As a result, many Chinese children do not have brothers and sisters, but this might change as a two-child policy was introduced in 2016.



PADDY FIELDS

Rice forms the basis of most Chinese meals. It grows in paddy fields in the southeast of the country. During the growing season, fields are flooded so farmers can grow more rice more quickly. In the drier regions, wheat is grown and used to make noodles, buns, and dumplings. Rice or wheat is combined with local vegetables, meats, and spices to create regional dishes.



NEW YEAR CELEBRATIONS

Chinese New Year, also known as the Spring Festival, is the country's most important festival. It is usually held in January or February. Good-luck messages decorate buildings and there are feasts, fireworks, fairs, and processions. People wear red clothes for good luck and give gifts of coins to symbolize wealth.

Chinese New Year parade





NORTH KOREA

North Korea is an independent communist country, but since the break up of the Soviet Union it has lost many of its trading partners and is now very poor. However, the country has a good education system and a high literacy rate. Schooling is free and compulsory for all children for 10 years.



SOUTH KOREA

South Korea is a democratic nation with a thriving electronics and machinery industry. A quarter of the population lives in or near the capital city, Seoul. The Internet developed quickly in South Korea and today almost 90 percent of the population use it, with the highest Internet connection speed in the world.

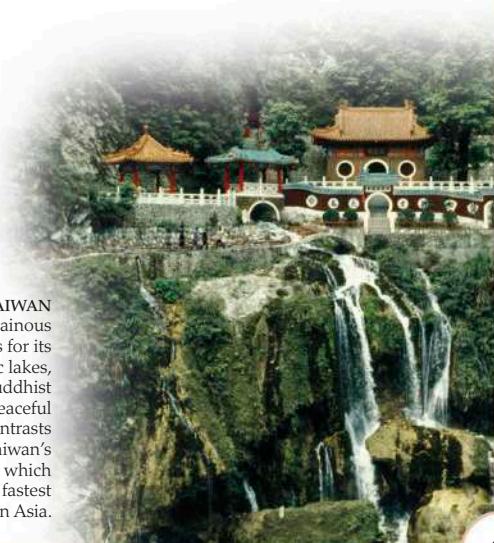


The majority of the Chinese population lives in just 15 percent of the total land area.



MODERN SHANGHAI

China's largest city is Shanghai. More than 23 million people live in this wealthy east-coast port. International trade has transformed Shanghai's skyline, which is now crowded with high-rise buildings and modern shopping malls. The center of town still has some old western-style buildings that have survived from the days before the revolution.



BEAUTY OF TAIWAN

Taiwan's mountainous countryside is famous for its natural beauty, scenic lakes, and many ornate Buddhist temples. This peaceful environment contrasts sharply with Taiwan's capital city, Taipei, which is one of the fastest growing cities in Asia.

Japan



JAPAN IS SITUATED in the north Pacific Ocean off the coast of the Asian continent. It is made up of four main islands and more than 3,000 smaller ones. The Japanese people have a distinctive culture based on traditions built up over thousands of years. They have their own language and script. School children all learn to read and write both in the traditional script and using letters. Social rules in Japan are strict, and respect and politeness are considered very important. Most people bow when greeting one another, for example. Japan is a very modern country, however, with one of the world's most technologically advanced societies. Its economy is based on the development and production of cutting-edge electronics and vehicles, and most families have the latest consumer goods.

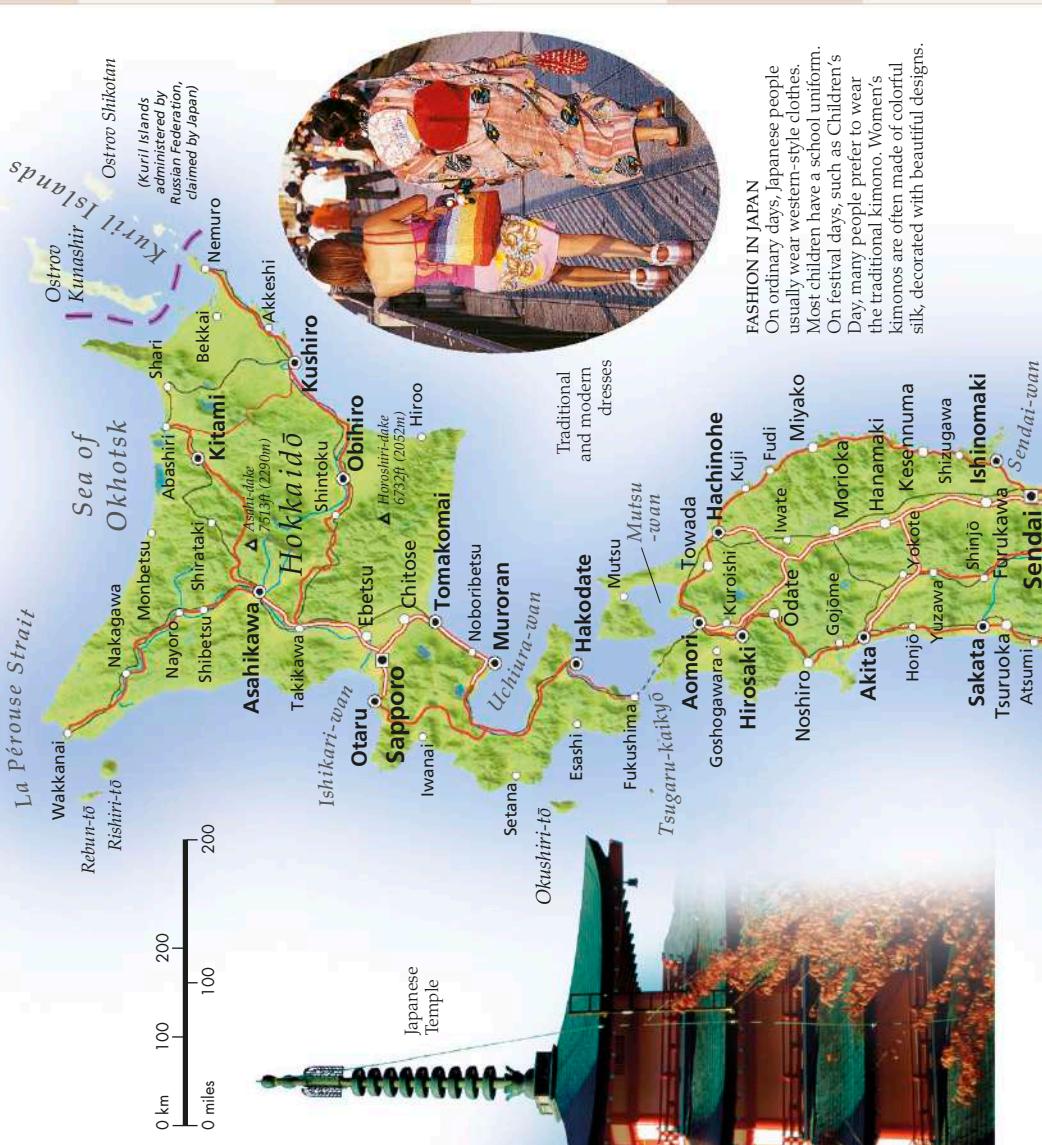
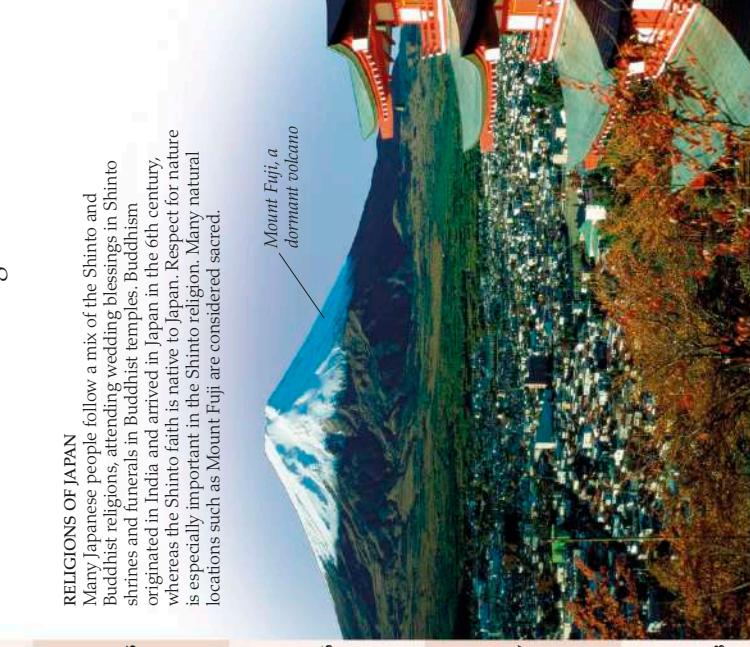
EARTHQUAKES
The islands of Japan are situated in an area where four of Earth's tectonic plates meet. This causes frequent earthquakes. Japanese school children are taught how to keep safe during an earthquake by sheltering in a doorway or under a table.



OVERTROWING
Most of the country's 127 million people live in cities in the flatter, coastal areas. Tokyo and Osaka are very crowded, and homes here are usually very small and are designed to make the most of the limited space.



RELIGIONS OF JAPAN
Many Japanese people follow a mix of the Shinto and Buddhist religions, attending wedding blessings in Shinto shrines and funerals in Buddhist temples. Buddhism originated in India and arrived in Japan in the 6th century, whereas the Shinto faith is native to Japan. Respect for nature is especially important in the Shinto religion. Many natural locations such as Mount Fuji are considered sacred.



**MODERN TECHNOLOGY**

Japan's economy is based on high-tech research, development, and production. The country has built up a reputation for providing the latest technology in vehicles and electronic goods such as televisions, computers, and stereo systems. Their products are usually of a high quality but are still affordable.

Prototype of a
Mazda car, produced
in Hiroshima

**MARTIAL ARTS**

Kendo is a popular martial art in Japan. It was developed (in its modern form) about 200 years ago, and teaches the art of Japanese samurai swordsmanship. Children train using bamboo swords (above).



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Mainland SE Asia



THE PENINSULA of Southeast Asia lies directly to the south of India and China, between the Pacific and Indian Oceans. It is made up of Myanmar (Burma), Thailand, Vietnam, Cambodia, and Laos. Over thousands of years, the influence of people from nearby India, China, and Arabian countries has helped to give this region a diverse mix of cultures and religions. Much of the land here is mountainous, with half the region covered in forest. Most people live in coastal or lowland regions, where they can grow crops such as rice, raise cattle, and catch fish. In recent years, the electronics industry has also become an important part of southeast Asian economies, especially in Thailand.

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ORPHANS IN CAMBODIA
A high number of Cambodian children live in orphanages, some because they have lost their parents, others due to poverty.



Cambodian orphanage

GROWING RICE

Rice is the most important crop in Southeast Asia. It grows well in wet lowland areas, such as the Mekong River delta in Vietnam, where the plants can be grown in paddy fields. Most rice is planted and harvested by women.



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RURAL LIVING
Most people in Southeast Asia live in rural areas rather than cities and farming is the most common occupation. The steep, mountainous regions are often unsuitable for growing crops or raising cattle, however, and many farming communities are based in the fertile river valleys and deltas. There are more than 200 villages on and around this lake (right) in Myanmar.

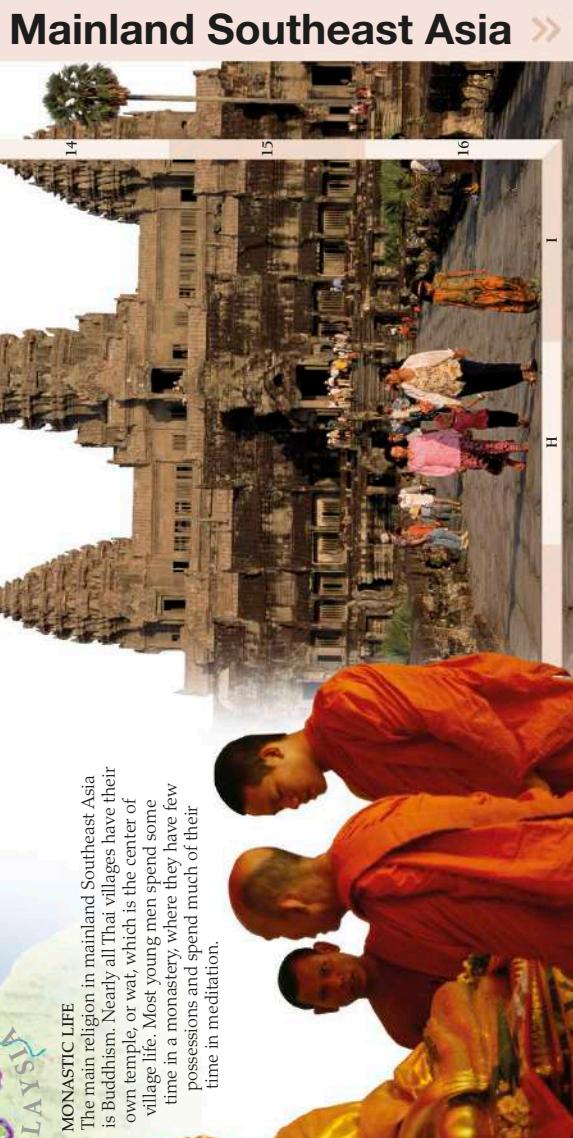
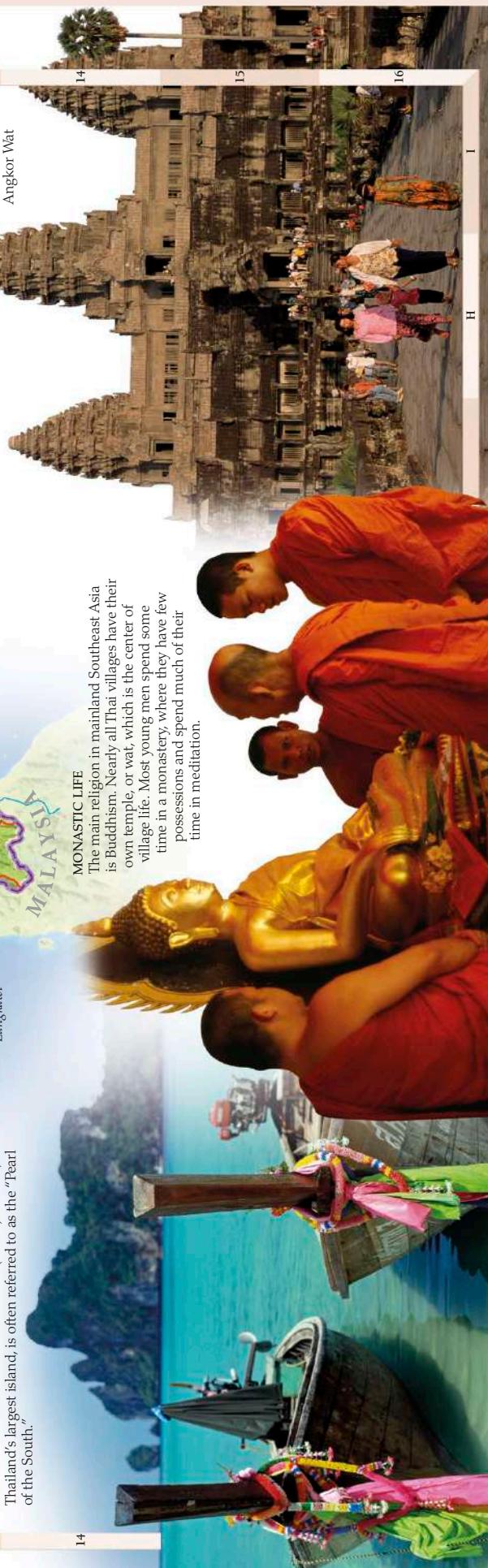


Mainland Southeast Asia



A new type of gibbon, named after Star Wars' Luke Skywalker, was discovered in the mountains between Myanmar and China in 2017.

THAI BEACHES
Tourism is a major industry for Thailand. Popular destinations include the country's lively capital, Bangkok, and the beautiful island beach resorts (below). Phuket, Thailand's largest island, is often referred to as the 'Pearl of the South.'



ANGKOR
The impressive temple complex of Angkor in Cambodia attracts visitors from around the world. This combination of temples and palaces was built in 1113 CE by the Khmer king Suryavaman II. The buildings, such as Angkor Wat, below, are made of stone and brick and are decorated with relief sculptures showing mythical scenes of Hindu gods and great royal processions. The complex was uncovered in 1861 by French naturalist Henri Mouhot, following stories of a "lost city" in the jungle.

MONASTIC LIFE
The main religion in mainland Southeast Asia is Buddhism. Nearly all Thai villages have their own temple, or wat, which is the center of village life. Most young men spend some time in a monastery, where they have few possessions and spend much of their time in meditation.



B C D E F G H

Maritime SE Asia

TO THE SOUTH OF THE ASIAN mainland lies maritime Southeast Asia. It includes Malaysia, Indonesia, East Timor, Singapore, and the Philippines. Part of Malaysia is connected to the mainland, but the rest of the region is made up of more than 20,000 islands that stretch across the Pacific and Indian Oceans. Lying near the Equator, the climate is mostly hot, wet, and humid. Most of the larger islands are mountainous and covered in dense forest, and many people live in villages near rivers or on the coast. Like the rest of Southeast Asia, the population is made up of people from many different cultural backgrounds speaking hundreds of different languages. The most common religion is Islam, except in the Philippines, where most people are Roman Catholic.



Ubudiah Mosque, Malaysia

PEOPLE OF MALAYSIA

Ethnic Malaysians make up 50 percent of the population and are known as bumiputera, meaning "sons of the soil." Most Malaysians are Muslim. Ethnic Chinese form 23 percent of the population.



KITE FLYING
After the harvest, the people of Malaysia celebrate with the Wau-flying (kite-flying) Festival, where skilled people demonstrate the traditional Malaysian sport.



A B C D E F G H



STORMS AND VOLCANOES
The islands of the Philippines are on a fault line and form part of the "Pacific Ring of Fire"—an area prone to volcanic activity and earthquakes. When Mount Pinatubo, on the island of Luzon, erupted in 1991, it destroyed more than 40,000 homes.

*In Malay,
orangutan
means
"man of the
jungle."*



THE PHILIPPINES
The people of the Philippines are called Filipinos and are mostly of Malay descent. It is estimated that around 25 percent of the population lives in poverty. As income is higher in the cities, many people move there in the hope of escaping poverty. However, lack of adequate housing means that many poorer families have to live in crowded slums.

Children living and working in "Smokey Mountain," Manila

Mount Pinatubo erupting in 1991



Machine
replanting rice
seedlings

RICE RESEARCH
Rice is the primary food source for half the world's population. Near Manila, in the Philippines, scientists are now experimenting with ways of creating rice plants that produce greater yields. New varieties are also being developed to grow faster, allowing farmers to harvest and replant several times during one growing season.



OIL RICHES
Oil was first discovered in Brunei in 1929. Since then, oil has also been drilled offshore. Brunei's most important natural resource has made the country very wealthy. Its people enjoy free health care and education, and pay no taxes.



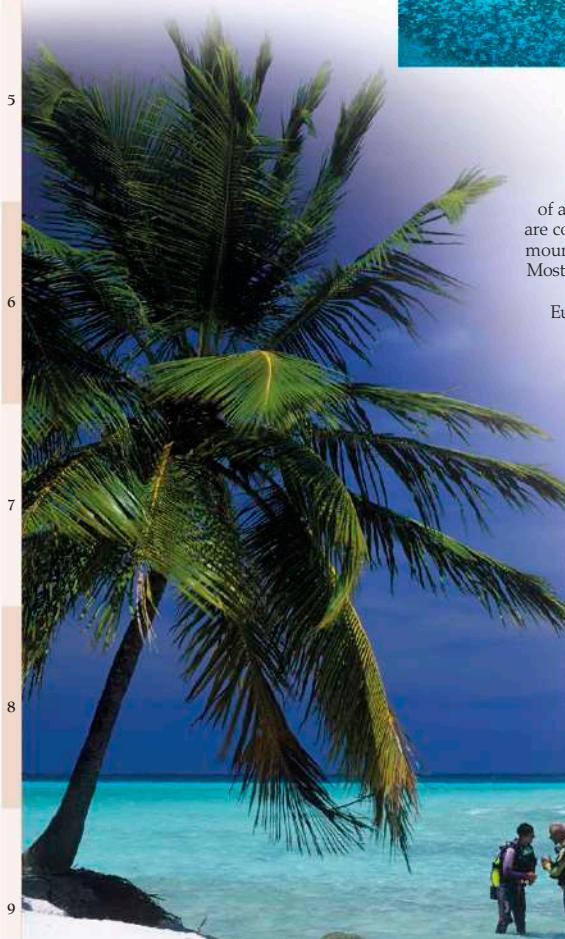
B C D E F G H

Indian Ocean

THE THIRD LARGEST ocean in the world, the Indian Ocean is bounded by Africa, Asia, Australasia, and the Southern Ocean. The ocean contains some 5,000 islands. Madagascar and Sri Lanka are large, but most of the islands are small and ringed by coral reefs. The people of the Maldives have very mixed origins, incorporating Indian, Sinhalese, Arab, and African heritage, while two-thirds of those living on Mauritius are Indian immigrants and their descendants. Altogether, about one-fifth of the world's population live on this ocean's warm shores. Those along the northern coasts are often threatened by monsoon rain and tropical storms, which can cause severe flooding.

CORAL ISLANDS

Coral is a living organism formed in warm water by tiny sea creatures known as polyps. These creatures build limestone skeletons around themselves, which accumulate over thousands of years. As sea levels change, this coral can be exposed as low-lying islands or submerged as reefs.



THE SEYCHELLES

The Seychelles consists of around 155 islands—some are coral islands while others are mountainous and made of granite. Most Seychellois people are Creoles—people of mixed African, Asian, and European ancestry. There are also small Chinese and Indian communities.



Market on the largest Seychelles island, Mahé



ENVIRONMENT

Beautiful shells are for sale on this beach in South Africa. If the trader only collects empty shells, no harm is done, but in many parts of the world, dealers hunt live shellfish, sea turtles, and rare species of starfish and sea urchins. Nations such as the Maldives take great care to protect their environment.

LIMITED TOURISM

The tropical climate, sandy beaches, beautiful coral reefs, and abundant marine life make both the Seychelles and the Maldives ideal tourist destinations. These same features also make them extremely attractive to scuba divers. However, the fragile environment of both island nations means that they have deliberately tried to make them exclusive, attracting only limited numbers of wealthy visitors, instead of pursuing mass tourism.



THE MALDIVES

The Maldives is a low-lying archipelago of 1,190 small, coral islands, of which 200 are inhabited. The main industries are fishing—still carried out by traditional pole-and-line methods to conserve stocks—and tourism. Holiday resorts are on separate islands to those inhabited by the locals, so as not to disturb the Maldivian peoples' traditional Muslim lifestyles.

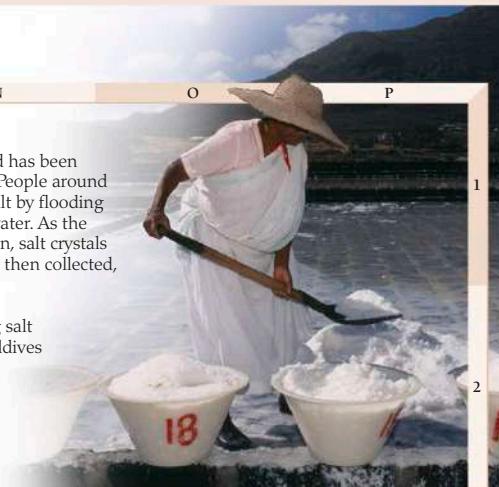




SALT FROM THE SEA

Salt is essential for life and has been traded here for centuries. People around the Indian Ocean make salt by flooding large, flat areas with sea water. As the water evaporates in the sun, salt crystals are left behind. These are then collected, drained, and cleaned.

Collecting salt
in the Maldives



MANGROVES
A lot of the coast in the tropical part of the Indian Ocean is fringed with mangrove forests. These amazing trees live in brackish water and have long roots that trap sediment and protect the coast from erosion. Without these trees, settlements and land along the coast are in danger of being damaged by high tides and strong storms.

The moutia dance of the Seychelles was brought to the islands by African slaves in the 1700s.

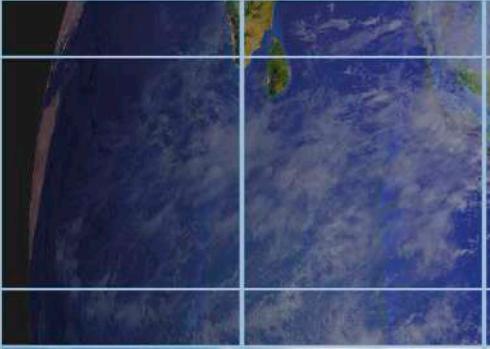
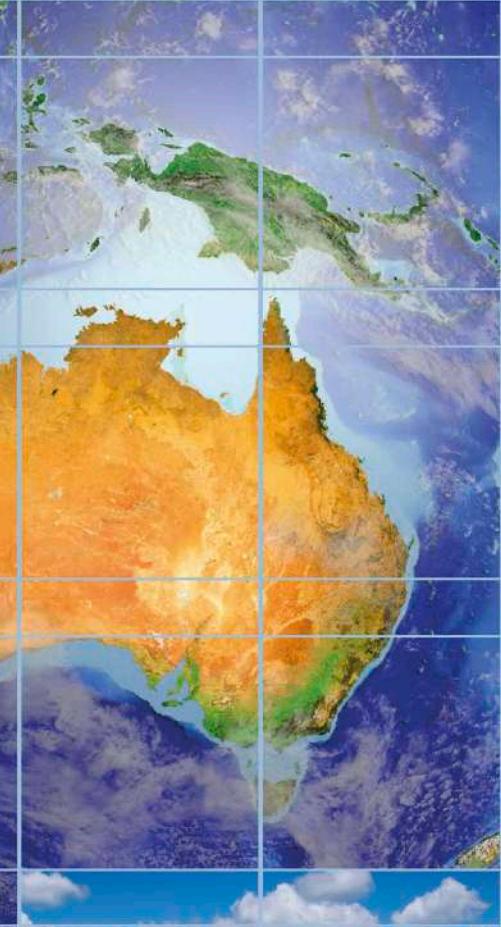
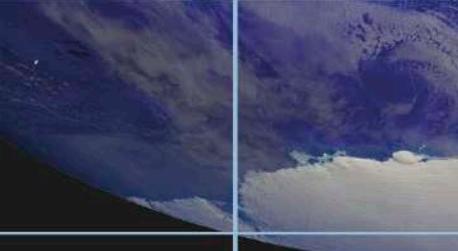


AUSTRALASIA & OCEANIA

Unknown to the outside world before the 17th century, Australia is a still a sparsely inhabited land where most people live in cities. At its heart is a great arid desert, in stark contrast to the islands of Oceania where all life revolves around the glittering ocean. The 3,000 named islands are grouped into nations, listed below in order of land area.

Australia		The thickly wooded Rock Islands of Palau near the Philippines are ancient reefs raised above sea level, fringed by coral sand beaches and blue lagoons.	
New Zealand			
Papua New Guinea		Fiji	
Solomon Islands		Vanuatu	
Samoa			
			
Micronesia			
Palau			
Kiribati			
Tonga			
Marshall Islands			

Sydney's iconic Opera House and Harbor Bridge symbolize this Australian city's role as a center of global culture.

		
<p>The ancestors of today's Pacific Islanders reached their islands by crossing the ocean in giant canoes. Many islanders still rely on the sea for a living.</p>		
<p>Tuvalu</p>   <ul style="list-style-type: none"> 10 sq miles 26 sq km 11,000 Fongafale (Funafuti Atol) Tuvaluan, Kiribati, English 	<p>Nauru</p>  <ul style="list-style-type: none"> 8 sq miles 21 sq km 9,600 None Nauruan, Kiribati, Chinese, Tuvaluan, English 	<p>The colorfully named Champagne Pool is one of many hot springs in Rotorua, New Zealand—one of the most volcanically active countries in the world.</p>



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SW Pacific

THE ISLANDS of the southwest Pacific are home to people of many different cultures and languages. The islands are divided into three general groups based on their location and the similarities between their peoples. The Polynesian islands to the east include Tonga, Samoa, the Cook Islands, and Tahiti. Melanesia includes Fiji, the Solomon Islands, and Vanuatu. The smallest group, Micronesia, includes the Marshall, Kiribati, and Caroline Islands. The first Europeans came to the southwest Pacific in the 1600s, several thousand years after Melanesians, Micronesians, and Polynesians first arrived.

LAND OF MANY LANGUAGES

Historically, the mountainous landscape of Papua New Guinea made contact between the villages difficult. As a result of many years of isolation, some villages developed their own individual languages. Nationwide, about 800 different languages evolved.

Men in Papua New Guinea wearing traditional make-up

Beads, shells, and feathers form part of the decoration.

A MIX OF RELIGIONS

Christianity is the dominant religion on most southwest Pacific islands. However Islam and Hinduism are also practiced. Many people also retain beliefs from traditional religions that existed before the islands were colonized by people from Europe and Asia.



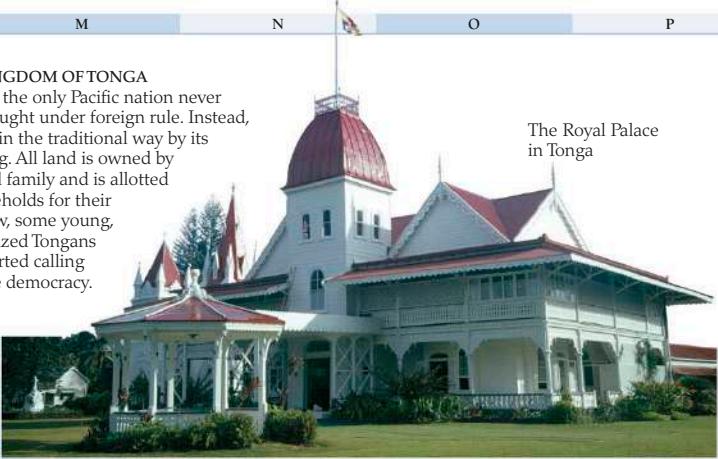
FOOD CROPS
Most Pacific Islanders live in small villages near the sea. Inland areas are often mountainous, making farming difficult. Instead, people grow foods such as sweet potatoes, bananas, and coconuts in lowland areas. As well as providing milk, the coconut meat is used to produce copra, a substance for making soap and cosmetics.

Copra worker in Fiji scooping coconut kernels



THE KINGDOM OF TONGA
Tonga is the only Pacific nation never fully brought under foreign rule. Instead, it is run in the traditional way by its own king. All land is owned by the royal family and is allotted to households for their use. Now, some young, westernized Tongans have started calling for more democracy.

The Royal Palace in Tonga



KIRIBATI

TUVALU

FONAFALE

WALIS & FUTUNA (to France)

MATĀ'UTU

Fiji

SUVA

TONGA

NIUE (to New Zealand)

ALOFI

NUKU' ALOFA

OUTRIGGER CANOES
Transportation between many islands has traditionally been by outrigger canoes. Floats attached to the side provide extra stability, particularly useful for the fishermen who stand in the boats to cast their nets.

BAKER & HOWLAND ISLANDS (to US)

PALMYRA ATOLL (to US)

JARVIS ISLAND (to US)

KINGMAN REEF (to US)

PACIFIC OCEAN

KIRIBATI

KIRIBATI

KIRIBATI

TOKELAU (to New Zealand)

AMERICAN SAMOA (to US)

ĀPIA

PAGO PAGO

COOK ISLANDS (to New Zealand)

Northern Cook Islands

Rakahanga

Manihiki

Penrhyn

Vostok Island

Millennium Island

Flint Island

Tikehau

Takaroa

Fakarava

Makemo

Archipel de la Société

TAHITI

Amanu

Tatakoto

Ahuunu

Marutea

Tureia

Vanavuna

Rurutu

Tubuai

Raeavae

Marotiri

Fangataufa

Tropic of Capricorn

OUTRIGGER CANOES
Transportation between many islands has traditionally been by outrigger canoes. Floats attached to the side provide extra stability, particularly useful for the fishermen who stand in the boats to cast their nets.

Islanders netfishing in an outrigger off the coast of Ifalik, Micronesia



Cook Islands family



FAMILY LIFE
Many Pacific people live in extended family groups. Recently, however, some islanders have migrated to countries such as New Zealand and the United States in order to look for work.

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B C D E F G H

Australia

A HUGE, GENERALLY FLAT COUNTRY, Australia has relatively few inhabitants. This is mainly because most of the land is hot, semi-arid desert—known as the outback—unsuitable for towns or farms. In places where there is some vegetation, or the land has been irrigated, sheep and cattle are grazed. Wheat is grown in the fertile south. The first people to live here were the Aboriginals, who arrived from Asia at least 50,000 years ago. Today, most Australians are descendants of European immigrants, with a more recent addition of Asians.



AUSTRALIAN ABORIGINALS

The original inhabitants of Australia had an intimate understanding of their environment. This connection to the land, and its plants and animals, affects every aspect of their culture. When Europeans started arriving in the late 18th century, only the Aboriginals in remote areas escaped contact with the diseases they brought. Today, Aboriginals rarely live off the land, but work in factories or farms.



MINING

Australia has one of the world's most important mining industries, with resources including gold (left), coal, natural gas, iron ore, copper, and opals. However, damage to the environment, and Aboriginal claims over land used for mining, still need to be faced.

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0 miles
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200 400

AUSTRALIAN FOOTBALL

A popular sport here is Australian Rules Football. One of the rules is that players can kick or punch the ball but they must not throw it. Many Australians either play the game themselves or support their favorite team. As the name implies, the game originated in Australia, but it now has leagues in other countries, such as Great Britain and the US.



FLYING DOCTOR

For anyone living in the remote Australian outback, the nearest doctor can be many hours away. When emergency help is needed, the Royal Flying Doctor Services can get to the scene to treat a patient or fly them to hospital.



OUTDOOR SPORTS

A warm climate, with easy access to beaches and wilderness areas, has made outdoor activities an important part of modern Australian life. Water sports such as swimming, sailing, and surfing are especially popular. Because of the danger of exposure to strong sunlight, people are told to cover up and always use sunscreen.



A B C D E F G H



UNIQUE WILDLIFE
Animal parks and refuges allow "townies" and tourists to get close to Australia's unique wildlife. They can see marsupials such as koalas and wallabies (left), as well as crocodiles, snakes, and the world's only egg-laying mammals—the platypus and the echidna.

Voting in government elections in Australia is compulsory. Citizens who fail to vote can be fined.



TOURIST ATTRACTIONS
Tourism is important to Australia's economy, and there is plenty to attract visitors. Popular destinations include the tropical waters around the Great Barrier Reef (above), the modern cities of Sydney and Melbourne, and the impressive sight of Uluru (Ayers Rock), a mountainous rock sacred to the Aboriginals.



VINEYARDS
Australia boasts an impressive range of high-quality wine-growing regions, specializing in different grapes. Wines are exported to more than 90 countries.

LIFE IN THE CITIES
Most Australians live in the coastal towns and cities of southeastern Australia, where the climate is cooler. Although Canberra is the capital, Sydney is the largest and oldest city, and is beautifully situated around Sydney Harbor. One of the world's most famous landmarks is the Sydney Opera House (below), which has five separate halls for concerts, operas, and plays. The design echoes the sails of a ship.



New Zealand

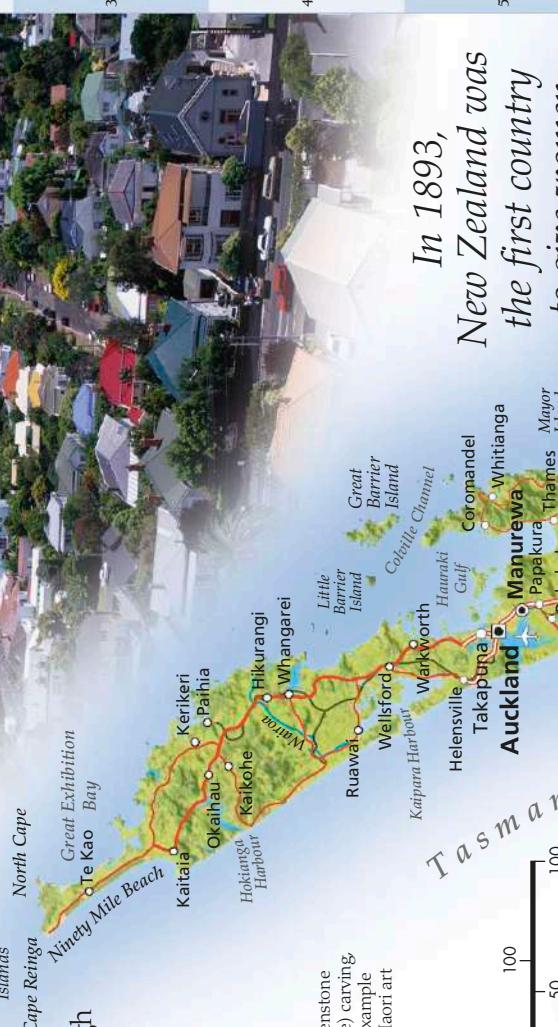
MADE UP OF TWO MAIN ISLANDS and several smaller ones, New Zealand is one of the most isolated countries in the world. Located in the southern Pacific, the country has a mild climate, with warm summers and cool, wet winters. Both main islands have mountains, short, swift-flowing rivers, forests, and fertile farmland. Until the Europeans arrived, most of the landscape was covered in dense forest, known as native bush. Today, although forests remain, much has been cleared for farming. Most New Zealanders live on North Island, which is warmer and less mountainous. Although New Zealanders are of mainly British descent, the Maoris – a people of Polynesian origin – were the first to arrive about 1,000 years ago. Today, non-Maori Polynesians and Asians are adding to the ethnic mix. The country has a liberal, clean, green image and a high standard of living.

AUCKLAND
With its safe harbor and nearby scenic islands, Auckland is known as the “city of sails.” It boasts more pleasure boats per person than anywhere else in the world. The water that separates the bigger islands is home to dolphins, families of blue penguins, and the occasional whale.

MAORI CULTURE
Maoris make up almost 14 per cent of the population, with most living on North Island. Before the coming of the *Pakeha* (white man), Maori history was passed on orally to succeeding generations. This included many legends and *whakatau* (songs). Their carvings in wood (left) and stone (right) were another way they recorded and remembered events. In recent years, interest in Maori culture has increased, and school children are now taught the Maori language.



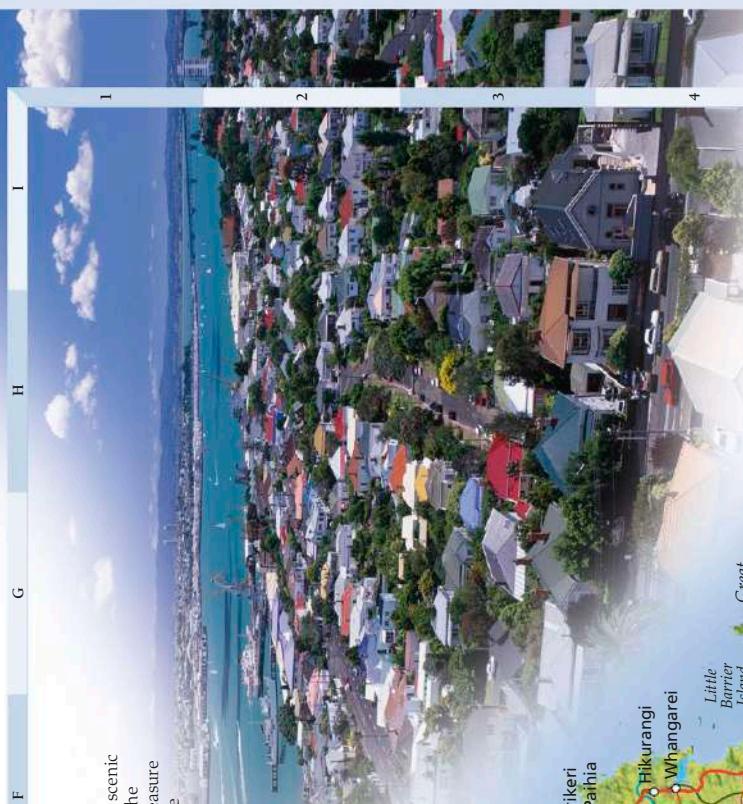
4 Greenstone (jade) carving, an example of Maori art
5 Maori figures (mātua) performing a haka (war dance) on a wooden stage. They are wearing traditional tapa (bark cloth) and pounamu (greenstone) ornaments.
6 Two large, intricately carved wooden Maori figures (mātua) standing side-by-side. They have detailed facial features and traditional patterns.



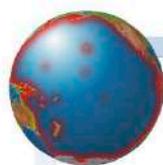
**In 1893,
New Zealand was
the first country
to give women
the vote.**



» Australasia & Oceania







B C D E F G H

Pacific Ocean

THE LARGEST OCEAN ON EARTH, the Pacific covers one-third of Earth's surface. The island nations of Japan, Indonesia, Australia, New Zealand, and many others are completely surrounded by this enormous ocean, which stretches from the Arctic in the north to the Southern Ocean in the south. The Pacific is also the world's deepest ocean – its greatest known depth is in the Mariana Trench, off Guam, which plunges steeply for 36,198 ft (11,033 m). Within the Pacific, there are many smaller seas that lie near land. These include the Tasman Sea, the South China Sea, and the Bering Sea. There are more than 30,000 islands in the Pacific. Most are too small or barren to be inhabited, but others are home to people of many different cultures and religions. The native island peoples fall into three main groups—Polynesians, Melanesians, and Micronesians. Although the word *pacific* means “peaceful,” strong currents, tropical storms, and tsunamis can all make this ocean far from peaceful.

TSUNAMI

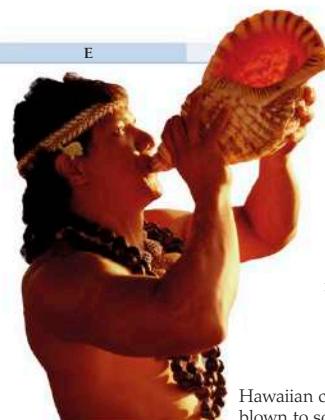
Earthquakes beneath the sea may cause giant waves called tsunamis. These can travel great distances across the ocean, building into a huge wall of water as they approach the coast. They can leave immense damage in their wake.

**SURFING**

The Hawaiian sport of surfing ranks as the oldest sport in the USA. It was first practiced by the nobility as a form of religious ceremony until the 1820s when missionaries, who thought it immoral, tried to ban it. Today, surfing is one of the most popular watersports and can be seen all over the world, from Australia to the UK.



A B C D E F G H

**HAWAII**

This chain of eight volcanic islands and 124 islets forms the 50th state of the United States, and was admitted to the union in 1959. The dramatic landscape and palm-fringed beaches make Hawaii a popular destination for tourists. Today, native Hawaiians are a minority in their own land.

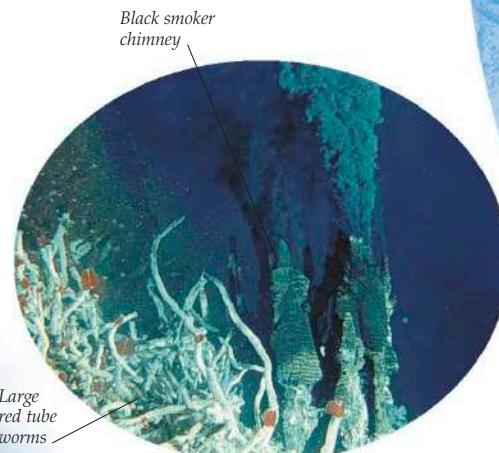
Hawaiian conch shells, once blown to sound a warning



Marine iguana on black volcanic rocks, Galápagos Islands

GALÁPAGOS ISLANDS

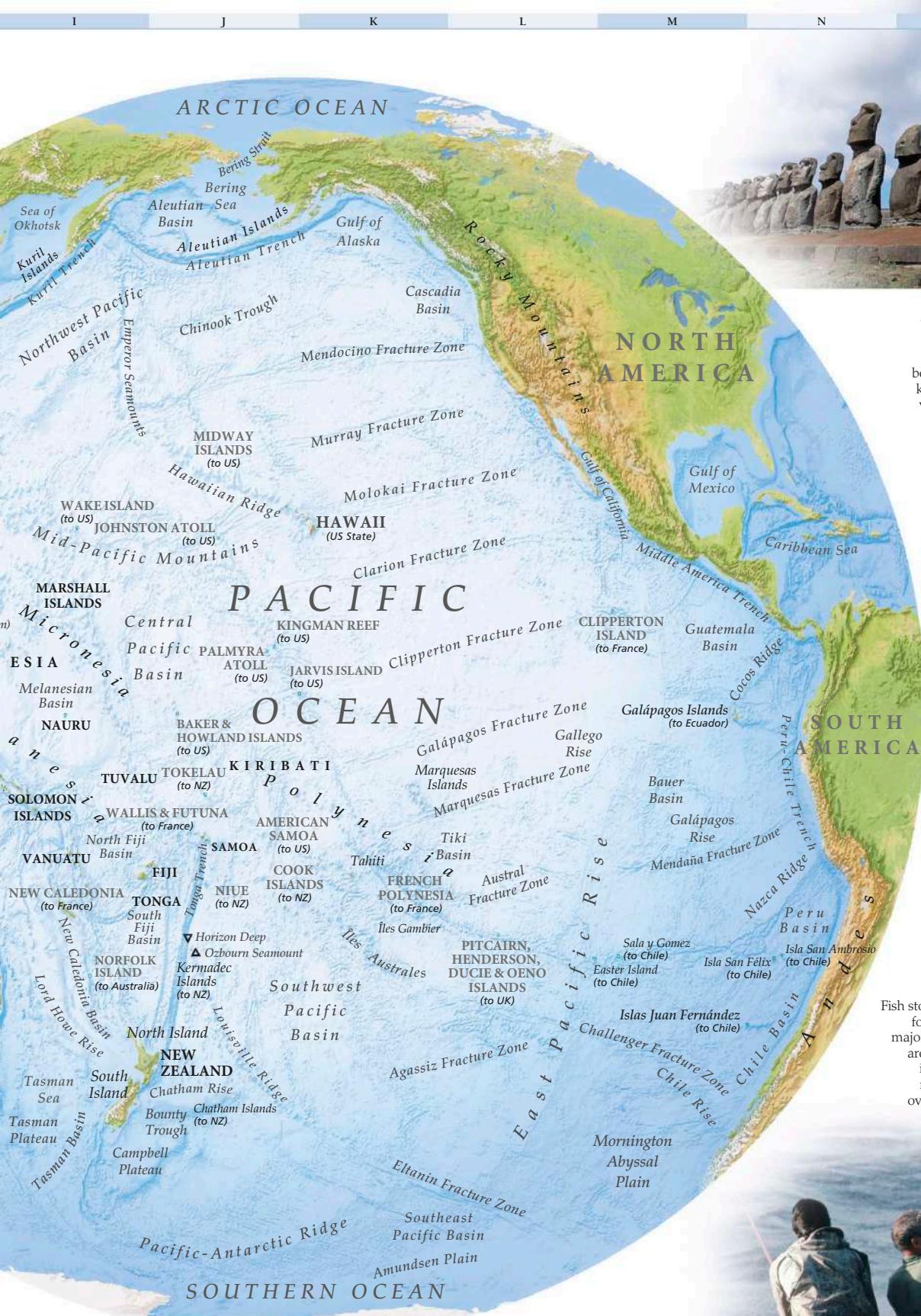
When British naturalist Charles Darwin (1809–1882) went to the Galápagos Islands, he found many unusual animals. He also noticed differences between animals of the same species living elsewhere. This led him to believe that, over time, animals adapt, or evolve, to suit their habitats.

**DEEP-SEA VENTS**

Underwater exploration has revealed some amazing places deep in the Pacific. Large vents, formed by solidified minerals, act as chimneys for super-hot steam and gas that stream up from the sea bed. These vents are known as black smokers. Scientists have found a host of new creatures living in this hostile environment.

The Pacific is larger than Earth's entire land surface.

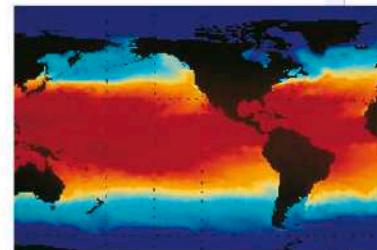




EASTER ISLAND

Easter Island, or Rapa Nui, in the Pacific lies more than 2,000 miles (3,218 km) from the nearest populated land. It is best known for the gigantic stone figures, known as Moai, which were carved from volcanic rock and erected facing the sea.

It is thought that the people who built the statues were of Peruvian descent.



EL NIÑO

Every few years, winds off the South American coast weaken, causing an unusually warm ocean current, known as El Niño. This kills off plankton that provide food for fish such as anchovies. Scientists use heat-sensitive cameras to map ocean temperatures and keep track of El Niño. The warmest waters are shown in orange/red (above).

SOUTH PACIFIC FISH

Fish stocks in the south Pacific are an important food source for the island countries and a major source of employment. Migratory tuna are the most important fish. However, it is important that the industry is effectively managed to avoid the constant threat of overfishing and the collapse of fish stocks.

Tuna fishing needs to be carefully monitored.





Antarctica

THE FROZEN CONTINENT OF ANTARCTICA is covered by a vast icecap, many thousands of years old, and is surrounded by the freezing seas of the Southern Ocean. It is the only continent with no permanent inhabitants—the only people who come here are scientists or tourists.

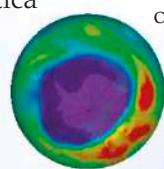
Although the land is rich in oil and minerals, mining is prohibited under the laws of the Antarctic Treaty. This treaty, agreed by 53 countries, made Antarctica a “continent for science” to be used for peaceful purposes only.



RESEARCH
The only people who stay in Antarctica are scientists. They come to study the climate, weather, and geology. By taking ice samples, for example, they can learn about changes in the world's climate over the years.



Scientist checking an ice core



OZONE HOLE

High in the atmosphere, ozone (a gas) forms a natural shield that protects us from the Sun's ultraviolet rays. Scientists at both poles have found holes in the ozone layer, caused by chemicals known as CFCs, once used in aerosols, fridges, and plastic packaging.

Sanae (South Africa)
Georg von Neumayer (Germany)
Novolazarevskaya (Russian Federation)
Dronning Maud Land
Halley (UK)
Coats Land
Belgrano II (Argentina)
Berkner Island

Lützow Holmbrukta
Syowa (Japan)
Molodezhnaya (Russian Federation)
Enderby Land
Mawson (Australia)
Cape Darnley
Mackenzie Bay
Princess Elizabeth Land
Prydz Bay
Davis (Australia)



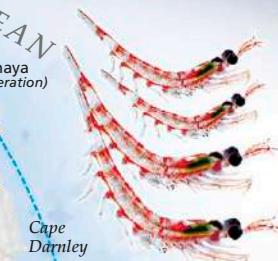
DAY TRIPPERS

Tourists visit Antarctica in summer. There are no resorts, so visitors generally stay on small cruise ships. When they come ashore, people have to wear insulated clothing and goggles to protect their eyes from glare off the ice.

ANTARCTICA

PETER I ISLAND (to Norway)
Bellinghausen Sea
Ellsworth Land
West Antarctica
Marie Byrd Land
Mount Siple 10,171ft (3100m)
Mount Sidley 13,717ft (4181m)
Roosevelt Island
Ross Ice Shelf
McMurdo Base (US)
Mount Erebus 12,448ft (3794m)
Victoria Land
Cape Adare
Leningradskaya (Russian Federation)
George V Land
Dumont d'Urville (France)
Baleeny Islands

East Antarctica
South Pole
South Geomagnetic Pole
Vostok (Russian Federation)
Wilkes Land
Casey (Australia)
Cape Pointett
Terre Adélie



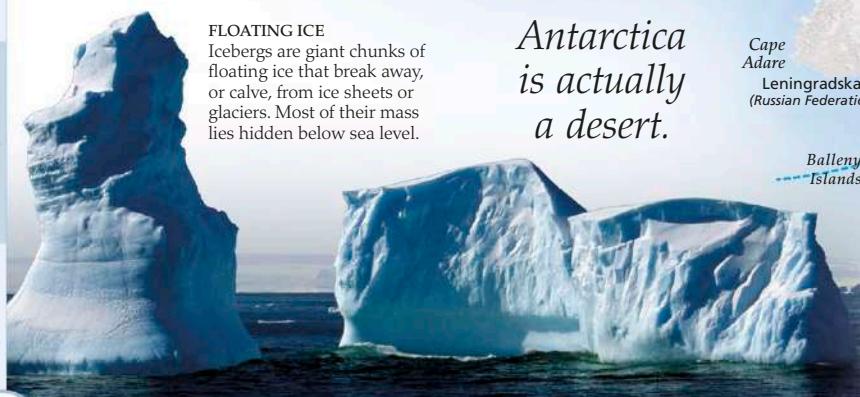
KRILL
Tiny, shrimp-like creatures, krill are the primary food source for a great number of Antarctic animals. These include whales, seals, penguins, squid, and fish.



PENGUINS

Penguins walk awkwardly on land, but can swim swiftly to catch fish. Waterproof feathers and a thick layer of fat help keep them warm.

Antarctica is actually a desert.



FLOATING ICE
Icebergs are giant chunks of floating ice that break away, or calve, from ice sheets or glaciers. Most of their mass lies hidden below sea level.



B

C

D

E

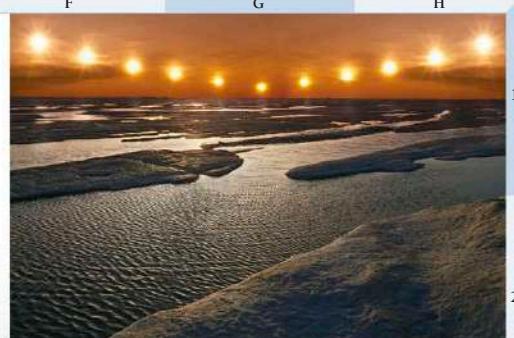
F

G

H

Arctic Ocean

THE SMALLEST OF THE WORLD'S oceans, the Arctic is almost entirely surrounded by the northern edges of North America, Europe, and Asia. For most of the year, its waters are covered by a thick sheet of ice, although warmer currents from the Pacific and Atlantic melt the ice along the continental coasts for a short time in summer. Despite the harsh conditions, the region is home to a range of wildlife, such as reindeer, musk ox, foxes, and wolves. Some people, including the Inuit of Canada and the Sami of northern Scandinavia, have also adapted to this tough environment.



LONG DAYS

Seasons at the poles are extreme. Polar summers are short but there can be sunshine for 24 hours a "day" as the Sun never dips below the horizon (above). This is because Earth rotates at an angle to the Sun.



Gazetteer

HOW TO USE THE GAZETTEER

This gazetteer is a selection of the names in *Children's Illustrated World Atlas*, and helps you find places on the maps. For example, to find the city of Lisbon in Portugal, look up its name in the gazetteer. The entry reads:

Lisbon Capital Portugal 58 E6

The first number, 58, tells you that Lisbon appears on the map on page 58. The second number, E6, shows that it is in square E6. Turn to page 58. Trace down from the letter E along the top of the grid (or up from the letter E on the bottom of the grid), and then across from the number 6 on the side of the grid. You will find Lisbon in the area where the letter and number meet.

A

Aachen Town Germany 56 B7
Aalborg Town Denmark 49 B11
Aalen Town Germany 57 E9
Aalst Town Belgium 53 D11
Aalter Town Belgium 53 C10
Äänekoski Town Finland 48 G8
Aarhus Town Denmark 49 C12
Aba Town Nigeria 41 L8
Aba Town Democratic Republic of the Congo 42 18
Äbäðan Town Iran 82 E7
Abakan Town Russian Federation 78 H7
Abbeville Town France 54 E5
Abéché Town Chad 42 F6
Abengourou Town Côte d'Ivoire 41 I8
Aberdeen Town South Dakota, US 12 G4
Aberdeen Town Maryland, US 9 H8
Aberdeen Town Scotland, UK 50 F5
Aberystwyth Town Wales, UK 51 E10
Abhā Town Saudi Arabia 83 C11
Abidjan Town Côte d'Ivoire 40 H8
Abilene Town Texas, US 17 K5
Äbo see Turku
Abomey Town Benin 41 J7
Abrantes Town Portugal 58 F6
Abu Dhabi Capital United Arab Emirates 83 F9
Abu Hamed Town Sudan 38 E6
Abuja Capital Nigeria 41 L7
Abū Kamāl Town Syria 80 I7
Abū Zāby see Abu Dhabi
Acapulco Town Mexico 19 J9
Acarigua Town Venezuela 26 D5
Accra Capital Ghana 41 I8
Aconcagua, Cerro Mountain Argentina 30 D7
A Coruña Town Spain 58 E2
Adamawa Highlands Mountain range Cameroon 42 D8
'Adan see Aden
Adana Town Turkey 76 G6
Adapazarı Town Turkey 76 E4
Ad Dahnā' Desert Saudi Arabia 83 E9
Ad Dakhla Town Western Sahara 36 C7
Ad Dammān Town Saudi Arabia 83 E9
Ad Dawhāh see Doha
Addis Ababa Capital Ethiopia 39 F9
Adelaide Town South Australia, Australia 105 J7

Aden Town Yemen 83 D13
Aden, Gulf of Indian Ocean 83 E13
Adirondack Mountains New York, US 8 H4
Adis Ābeba see Addis Ababa
Adiyaman Town Turkey 76 H6
Adrar Town Algeria 36 G6
Aegean Sea Greece 67 F9
Afghanistan Country 84 H7
Afmadow Town Somalia 39 G11
Afyon Town Turkey 76 E5
Agadez Town Niger 41 L4
Agadir Town Morocco 36 E5
Agen Town France 55 D10
Agialóusa Town Cyprus 80 B7
Agra Town India 87 I3
Ägri Town Turkey 77 K4
Agrigento Town Sicily, Italy 61 E13
Agropoli Town Italy 61 F10
Aguachica Town Colombia 26 C5
Aqua Prieta Town Mexico 18 F3
Aguascalientes Town Mexico 19 I7
Aguaytía Town Peru 27 B10
Aguilas Town Spain 59 J8
Aguillita Town Mexico 19 I8
Ahaggar Mountain range Algeria 37 I7
Ahlen Town Germany 56 C7
Ahmādābād Town India 86 G4
Ahuachapán Town El Salvador 20 E5
Ahvāz Town Iran 82 E7
Aiken Town South Carolina, US 11 J4
Ailangdī Town Panama 21 N7
'bain Ben Tili' Town Mauritania 40 G2
Aiquele Town Bolivia 27 E12
Aïr, Massif de l' Mountain range Niger 41 L4
Aix-en-Provence Town France 55 G11
Aizu Town Japan 93 G9
Ajaccio Town France 55 I13
Ajo Town Arizona, US 16 E5
Akchār Desert Mauritania 40 E3
Akhalt's'ikhe Town Georgia 77 K3
Akhisar Town Turkey 76 C5
Aktubinsk Town Russian Federation 73 D11
Akita Town Japan 92 F8
Akjoujt Town Mauritania 40 E3
Akkeshi Town Japan 92 H5
Akron Town Ohio, US 13 M6
Akrotírion Town Cyprus 80 A8
Aksai Chin Administrative region China 88 D6
Aksaray Town Turkey 76 F5
Akşehir Town Turkey 76 E5
Aktau Town Kazakhstan 78 D6
Aktobe Town Kazakhstan 78 E6
Aktsyabrski Town Belarus 71 F11
Akula Town Democratic Republic of the Congo 43 F9
Akune Town Japan 93 B14
Alabama State US 10 G5
Alabama River Alabama, US 10 G6
Al 'Amārah Town Iraq 82 D7
Alamo Town Nevada, US 14 H7
Alamogordo Town New Mexico, US 16 H5
Åland Island group Finland 49 F9
Alanya Town Turkey 76 E7
Al 'Aqabah Town Jordan 81 D14
Alaşehir Town Turkey 76 D5
Alaska Province Canada 4 E5
Alaska, Gulf of Alaska, US 4 E6
Alaska Range Mountain Range Alaska, US 4 E5
Albacete Town Spain 59 J6
Alba Iulia Town Romania 68 E6
Albania Country 65 F12
Albany River Ontario, Canada 6 F5
Albany Town Western Australia, Australia 104 E7
Albany Town Georgia, US 10 H6
Albany Town New York, US 9 I5
Al Bāridah Town Syria 80 F8
Al Basrah Town Iraq 82 D7
Alberta Province Canada 4 H7
Albert, Lake Democratic Republic of the Congo 43 I9
Albuquerque Town New Mexico, US 16 H4
Alcañiz Town Spain 59 K5
Alcoy Town Spain 59 K7
Alderney Island Channel Islands, UK 51 G13
Aleksin Town Russian Federation 73 C9
Alengon Town France 54 D7
Alenquer Town Brazil 29 I2
Aleppo Town Syria 80 E6montserrat
Alessandria Town Italy 60 C5
Aleutian Islands Island Group Alaska, US 4 B5
Alexander Archipelago Island British Columbia, Canada 4 E7
Alexandria Town Louisiana, US 10 E6
Alexandria Town Egypt 38 D4
Alexandria Town Romania 68 F7
Alexandroúpoli Town Greece 66 G8
Alga Town Kazakhstan 78 E6
Algarve Region Spain 58 E8
Algeciras Town Spain 58 G9
Alger see Algiers
Algeria Country 36 H5
Al Ghābāh Town Oman 83 G10
Al Ghurdaqah see Hurghada
Algiers Capital Algeria 36 H3
Algona Town Iowa, US 12 H5
Al H̄asakah Town Syria 80 H5
Al Hillah Town Iraq 82 D7
Al Hudaydah see Hodeida
Al Hufūf Town Saudi Arabia 83 E9
Alíartos Town Greece 67 E11
Alicante Town Spain 59 L7
Alice Springs Town Northern Territory, Australia 105 I4
Aliquippa Town Pennsylvania, US 8 E7
Al Ismā'īliya Town Egypt 38 E4
Al Jafr Town Jordan 81 E13
Al Jaghbūb Town Libya 37 N5
Al Jahra' Town Kuwait 82 D8
Al Jawf Town Saudi Arabia 82 B8
Al Jazīrah Physical region Syria/Iraq 80 I5
Al Karib Town Jordan 81 E12
Al Khārijah Town Egypt 38 D5
Al Khums Town Libya 37 K4
Alkmaar Town Netherlands 52 E7
Al Kufrah Town Libya 37 N7
Al Kut Town Iraq 82 D7
Al Kuwait see Kuwait
Allahābād Town India 87 I4
Allegheny Plateau Pennsylvania/New York, US 8 F6
Allentown Town Pennsylvania, US 9 H7
Al Līth Town Saudi Arabia 83 B11
Alma-Ata see Almaty
Al Madīnah see Medina
Al Mafrāq Town Jordan 81 E10
Al Majma'ah Town Saudi Arabia 83 D9
Al Mālikiyah Town Syria 80 I4
Al Manāmah see Manama
Almansa Town Spain 59 K7
Al Marj Town Libya 37 M4
Almaty Town Kazakhstan 78 G8
Al Mawṣil see Mosul
Al Mayādin Town Syria 80 H6
Almelo Town Netherlands 52 G8
Almere Town Netherlands 52 F8
Almería Town Spain 59 J8
Al'met'yevsk Town Russian Federation 73 F9
Al Minyā Town Egypt 38 D4
Almirante Town Panama 21 K8
Al Mukallā Town Yemen 83 E13
Alofi Capital Niue 103 K7
Alotip Town Indonesia 97 N8
Alpena Town Michigan, US 13 L4
Alpine Town Texas, US 17 I7
Alps Mountain range Central Europe 57 D12
Al Qāimishlī Town Syria 80 I4
Al Qunayṭrah Town Syria 81 D9
Altai Mountains Mountain range Mongolia/Russian Federation 88 F4
Altamaha River Georgia, US 11 I5
Altamira Town Brazil 29 J2
Altamura Town Italy 61 H10
Altar, Desierto de Desert Mexico 18 D2
Altay Town China 88 F3
Altay Town Mongolia 88 H3
Altin Köprü Town Iraq 82 C6
Altiplano Physical region Bolivia 27 E13
Altoona Town Pennsylvania, US 9 F7
Altun Ha Ancient site Belize 20 F2
Altun Shan Mountain range China 88 G5
Al 'Umari Town Jordan 81 F11
Al 'Uwaynat Town Libya 37 J6
Alupka Town Ukraine 69 K7
Alva Town Oklahoma, US 17 L3
Al Wajh Town Saudi Arabia 83 A9
Alwar Town India 86 H3
Al Wari'ah Town Saudi Arabia 82 D8
Alytus Town Lithuania 70 D8
Amamapare Town Indonesia 97 N7
Amantea Town Italy 61 G12
Amarapura Town Myanmar 94 B6
Amarillo Town Texas, US 17 J4
Amazon River Brazil 29 J2
Amazon Basin Brazil 28 G3
Ambanja Town Madagascar 45 M4
Ambarchik Town Russia Federation 78 L3
Ambato Town Ecuador 26 A8
Amboasary Town Madagascar 45 L7
Ambon Town Indonesia 97 K7
American Samoa Dependent territory US, Pacific Ocean 103 K6
Amersfoort Town Netherlands 52 F8
Amfilochia Town Greece 67 C10
Amherst Town Nova Scotia, Canada 7 K7
Amiens Town France 54 E6
Amman Capital Jordan 81 E11
'Ammān' see Amman
Ammóchostos Town Cyprus 80 B8
Amoī Town Iran 82 F5
Amos Town Québec, Canada 6 H6
Amritsar Town India 86 H2
Amstelveen Town Netherlands 52 F8
Amsterdam Capital Netherlands 52 E8
Am Timan Town Chad 42 F6
Amundsen Gulf Canada 4 H4
Amundsen-Scott Research station Antarctica 110 E6
Amundsen Sea Southern Ocean 110 B7
Amuntai Town Indonesia 96 H7
Amur River China 89 L2
Amyderya River Uzbekistan 84 G4
Anadyr' Town Russian Federation 78 M2
Anamur Town Turkey 76 F7
Anápolis Town Brazil 29 K5
Anatolia Plateau Turkey 76 E6
Anchorage Town Alaska, Canada 4 E5
Ancona Town Italy 60 F7
Andalucía Region Spain 58 H8
Andaman Islands Island group India 87 M8
Andaman Sea Indian Ocean 87 M8
Anderson Town Indiana, US 13 K6
Andes Mountain range South America 26–27, 30–31
Andijon Town Uzbekistan 85 K4
Andkhoy Town Afghanistan 84 H5
Andorra Country 55 D12
Andorra la Vella Capital Andorra 55 D12
Andreanof Islands Island Group Alaska, US 4 A4
Andrews Town Texas, US 17 J5
Andria Town Italy 61 H10
Andros Island The Bahamas 22 F2
Andros Town Town The Bahamas 22 F2
Angarsk Town Russian Federation 79 I7
Angel Falls Waterfall Venezuela 26 F6
Angermanälven River Sweden 48 E7
Angers Town France 54 C7
Angkor Wat Ancient site Cambodia 95 F10
Anglesey Island Wales, UK 51 E9
Angola Country 44 E3
Angola Basin Undersea feature Atlantic Ocean 33 M6
Angoulême Town France 55 D9
Angren Town Uzbekistan 85 J3
Anguilla Dependent territory UK, Atlantic Ocean 23 N5
Anhui Administrative region China 91 J5
Ankara Capital Turkey 76 F4
Annaba Town Algeria 37 I3
An Nafud Desert Saudi Arabia 82 B8
'Annah' Town Iraq 82 C6
An Najaf Town Iraq 82 C7
Annamite Mountains Mountain range Laos 94 F8
Annapolis Town Maryland, US 8 G8
Ann Arbor Town Michigan, US 13 L5

An Nāṣīriyah *Town* Iraq 82 D7
Anecy *Town* France 55 G9
Anniston *Town* Alabama, US 10 H4
Anqing *Town* China 91 J6
Anshan *Town* China 91 L2
Anshun *Town* China 90 G7
Antakya *Town* Turkey 76 H7
Antalya *Town* Turkey 76 E6
Antananarivo *Capital* Madagascar 45 M5
Antarctica 110
Antarctic Peninsula Antarctica 110 B4
Antibes *Town* France 55 H11
Anticosti, Île d' *Island* Québec, Canada 7 K5
Antigua *Island* Antigua & Barbuda 23 N6
Antigua & Barbuda Country 23 N5
Anti-Lebanon *Mountain range* Syria 81 E9
Antofagasta *Town* Chile 30 D5
Antony *Town* France 54 E7
Antsiranana *Town* Madagascar 45 M3
Antwerp *Town* Belgium 53 E10
Antwerpen *see* Antwerp
Anyang *Town* China 91 J4
Anzio *Town* Italy 61 E9
Aomori *Town* Japan 92 F7
Aoraki Mountain New Zealand 107 C11
Aosta *Town* Italy 60 B4
Aozou *Town* Chad 42 E3
Apatity *Town* Russian Federation 72 D5
Apeldoorn *Town* Netherlands 52 F8
Apennines *Mountain range* Italy 60 C8
Āpia *Capital* Samoa 103 K7
Apoera *Town* Suriname 26 G6
Appalachian Mountains US 8 H4
Appingedam *Town* Netherlands 52 G6
Appleton *Town* Wisconsin, US 13 J4
Apuseni, Munții *Mountain range*
 Romania 68 E5
Āqchāh *Town* Afghanistan 85 I5
Aquidauana *Town* Brazil 29 I6
Arabian Peninsula Saudi Arabia 82 B8
Arabian Sea Indian Ocean 83 H10
Aracaju *Town* Brazil 29 N4
Araçuaí *Town* Brazil 29 L6
'Arad *Town* Israel 81 D12
Arad *Town* Romania 68 D6
Arafura Sea Australia 105 I1
Araguaia, Rio *River* Brazil 29 J5
Araguaina *Town* Brazil 29 K3
Araguari *Town* Brazil 29 K6
Arāk *Town* Iran 82 E6
Arakan Yoma *Mountain range*
 Myanmar 94 B7
Aral Sea Uzbekistan/Kazakhstan 84 G1
Aral'sk *Town* Kazakhstan 78 E7
Aranda de Duero *Town* Spain 59 I4
'Ar'ar *Town* Saudi Arabia 82 C7
Ararat, Mount Turkey 77 L4
Arbil *Town* Iraq 82 D6
Archangel *Town* Russian Federation 72 E6
Arco *Town* Italy 60 D5
Arctic Ocean 111 M5
Ardabil *Town* Iran 82 E5
Ardakan *Town* Iran 82 F7
Ardennes *Physical region* Belgium 53 F13
Arequipa *Town* Peru 27 D12
Arezzo *Town* Italy 60 E7
Argalastí *Town* Greece 67 E10
Argenteuil *Town* France 54 E6
Argentina *Country* 31 E9
Argentine Basin *Undersea feature*
 Atlantic Ocean 33 J8
Argo *Town* Sudan 38 D6
Arica *Town* Chile 30 C3
Arizona *State* US 16 E4
Arkansas *State* US 10 E3
Arkansas City *Town* Kansas, US 12 G8
Arkhangel'sk *see* Archangel
Arklow *Town* Ireland 51 D9
Arles *Town* France 55 F11
Arlington *Town* Texas, US 17 M5
Arlington *Town* Virginia, US 11 K2
Arlon *Town* Belgium 53 F13
Armenia *Country* 77 L4
Armenia *Town* Colombia 26 B6
Armstrong *Town* Ontario, Canada 6 E5
Arnaía *Town* Greece 67 E9
Arnhem *Town* Netherlands 53 F9

Arnhem Land *Region* Australia 105 I2
Ar Ramādi *Town* Iraq 82 C6
Arran, Isle of *Island* Scotland, UK 50 E7
Ar Raqqah *Town* Syria 80 G6
Arras *Town* France 54 F5
Ar Rawḍatayn *Town* Kuwait 82 D8
Arriaga *Town* Mexico 19 M9
Ar Riyād, *see* Riyadh
Ar Rub' al Khāli Desert Saudi Arabia 83 E11
Ar Rustāq *Town* Oman 83 G9
Ar Rut'bah *Town* Iraq 82 B6
Artashat *Town* Armenia 77 L4
Artemisa *Town* Cuba 22 D3
Artvíñ *Town* Turkey 77 J3
Arua *Town* Uganda 39 E10
Aruba *Dependent territory* Netherlands,
 Atlantic Ocean 23 J8
Arusha *Town* Tanzania 39 F12
Arvidsjaur *Town* Sweden 48 E6
Arys' *Town* Kazakhstan 78 F7
Asadābād *Town* Afghanistan 85 K7
Asahikawa *Town* Japan 92 G5
Asamankese *Town* Ghana 41 I8
Āsānsol *Town* India 87 K4
Ascension Island *Dependent territory* UK,
 Atlantic Ocean 33 K5
Ascoli Piceno *Town* Italy 60 F8
Aseb *Town* Eritrea 38 G8
Ashdod *Town* Israel 81 C11
Asheville *Town* North Carolina, US 11 I4
Ashgabat *Capital* Turkmenistan 84 F5
Ashkelon *Town* Israel 81 C11
Ashmyany *Town* Belarus 70 E8
Ash Shadād *Town* Syria 80 H5
Ash Shihr *Town* Yemen 83 E13
Asipovichy *Town* Belarus 71 F10
Asmara *Capital* Eritrea 38 F7
As Sabkhat *Town* Syria 80 G6
Assad, Lake Syria 80 F6
As Ṣafāwī *Town* Jordan 81 F10
As Salv *Town* Jordan 81 D11
Assam *Region* India 87 L3
Assamakka *Town* Niger 41 K4
As Samāwah *Town* Iraq 82 D7
Assen *Town* Netherlands 52 G6
Assu *Town* Brazil 29 M3
As Sukhnah *Town* Syria 80 G7
As Sulaymāniyah *Town* Iran 82 D6
As Sulayyīl *Town* Saudi Arabia 83 D11
As Ṣuwār *Town* Syria 80 H6
As Suwaydā' *Town* Syria 81 E10
Astana *Capital* Kazakhstan 78 F6
Asti *Town* Italy 60 C5
Astrakhan' *Town* Russian Federation 73 D12
Asunción *Capital* Paraguay 30 G4
Baarn *Town* Netherlands 52 E8
Babayev *Town* Russian Federation 72 C7
Babruysk *Town* Belarus 71 F10 *see also*
 Bobruysk
Babuyan Channel *Straight* Philippines 97 J1
Bacobal *Town* Brazil 29 L3
Bacău *Town* Romania 68 G6
Bačka Palanka *Town* Serbia 64 G7
Atacama Desert Chile 30 D6
Albara *Town* Sudan 38 E7
Atbasar *Town* Kazakhstan 78 F6
Ath *Town* Belgium 53 D11
Athabasca, *Lake* Saskatchewan, Canada 5 I7
Athens *Capital* Greece 67 E11
Athens *Town* Georgia, US 11 I4
Athīna *see* Athens
Athlone *Town* Ireland 51 C9
Ati *Town* Chad 42 E6
Atka *Town* Russian Federation 78 L4
Atka *Town* Alaska, US 4 B5
Atlanta *Town* Georgia, US 10 H4
Atlantic City *Town* New Jersey, US 9 I8
Atlantic Ocean 32–33
Atlas Mountains *Mountain range*
 Morocco/Algeria 36 F4
Atsumi *Town* Japan 92 F8
Āṭ Tafilah *Town* Jordan 81 E12
Āṭ Ṭā'if *Town* Saudi Arabia 83 B10
Āṭ Tall al Abyd, *Town* Syria 80 F5
Āṭ Tanf *Town* Syria 81 G9
Attawapiskat *Town* Ontario, Canada 6 G5
Ātyrau *Town* Kazakhstan 78 E6
Auch *Town* France 55 D11
Auckland *Town* New Zealand 106 F5
Augsburg *Town* Germany 57 E10
Augusta *Town* Georgia, US 11 I5
Augusta *Town* Maine, US 9 K3
Aurangābād *Town* India 86 H5

Aurillac *Town* France 55 E10
Aurora *Town* Colorado, US 15 L6
Aurora *Town* Illinois, US 13 J6
Austin *Town* Texas, US 17 L7
Australes, Īles *Island chain*
 French Polynesia 103 N8
Australia *Country* 105 L5
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Austria *Country* 57 G11
Ausuituq *see* Grise Fiord
Auxerre *Town* France 54 F7
Avarua *Capital* Cook Islands 103 M8
Aveiro *Town* Portugal 58 E5
Avellino *Town* Italy 61 F10
Avezzano *Town* Italy 61 F9
Aviemore *Town* Scotland, UK 50 E5
Avignon *Town* France 55 F11
Avilés *Town* Spain 58 G2
Avon *Town* New York, US 8 F5
Āwāsh *Town* Ethiopia 39 G9
Awbārī *Town* Libya 37 K6
Axel Heiberg Island Nunavut, Canada 5 I2
Ayacucho *Town* Peru 27 C11
Ayaguz *Town* Kazakhstan 78 G7
Ayaviri *Town* Peru 27 D11
Aydin *Town* Turkey 76 C6
Ayers Rock *see* Uluru
Ayorou *Town* Niger 41 J5
Ayutthaya *Town* Thailand 95 D10
Ayalik *Town* Turkey 76 C5
Azaouād *Desert* Mali 41 I4
A'zāz *Town* Syria 80 E5
Azerbaijan *Country* 77 M4
Azores *Island group* Portugal 32 H5
Azov, Sea of Black Sea 69 L6
Azuaga *Town* Spain 58 G7
Azul *Town* Argentina 31 G9
Az Zaqqāzīg *Town* Egypt 38 E4
Az Zarqā' *Town* Jordan 81 E11
Az Zāwiyah *Town* Libya 37 K4

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Baalbek *Town* Lebanon 80 E8
Baardheere *Town* Somalia 39 G11
Baarn *Town* Netherlands 52 E8
Babayev *Town* Russian Federation 72 C7
Babruysk *Town* Belarus 71 F10 *see also*
 Bobruysk
Babuyan Channel *Straight* Philippines 97 J1
Bacobal *Town* Brazil 29 L3
Bacău *Town* Romania 68 G6
Bačka Palanka *Town* Serbia 64 G7
Bac Liêu *Town* Vietnam 95 G12
Bacolod City *Town* Philippines 97 J3
Badajoz *Town* Spain 58 F6
Baden-Baden *Town* Germany 57 C9
Bad Hersfeld *Town* Germany 56 D7
Badlands *Region* North Dakota, US 12 E3
Bafatá *Town* Guinea-Bissau 40 E6
Baffin Bay Nunavut, Canada 5 K3
Baffin Island Nunavut, Canada 5 K4
Bafoussam *Town* Cameroon 42 C8
Bafra *Town* Turkey 76 G3
Bagé *Town* Brazil 29 J9
Baghdad *Capital* Iraq 82 D6
Baghlan *Town* Afghanistan 85 J6
Bago *Town* Myanmar 94 B8
Bagrationovsk *Town* Kaliningrad 70 B7
Baguio *Town* Philippines 97 I2
Bahamas, The *Country* 22 G3
Baharly *Town* Turkmenistan 84 F4
Bahāwalpur *Town* Pakistan 86 G3
Bahía Blanca *Town* Argentina 31 F9
Bahir Dar *Town* Ethiopia 38 F8
Bahrain *Country* 83 F9
Bahushevsk *Town* Belarus 71 G9
Baia Mare *Town* Romania 68 E5
Baikal, *Lake* Russia 79 J6
Bailén *Town* Spain 57 I7
Ba Illí *Town* Chad 42 E6
Bairiki *Capital* Kiribati 103 I4
Baishan *Town* China 89 M4
Baja *Town* Hungary 63 E12

» Barisan, Pegunungan – Brecon Beacons

- Barisan, Pegunungan** Mountain range Indonesia 96 D7
- Barkly Tableland** Plateau Northern Territory, Australia 105 J3
- Bârlad** Town Romania 68 G6
- Barles Range** Mountain range Western Australia, Australia 104 E4
- Barletta** Town Italy 61 H10
- Barnau** Town Russian Federation 78 H6
- Barnstaple** Town England, UK 51 E11
- Baron'ki** Town Belarus 71 H11
- Barquisimeto** Town Venezuela 26 D5
- Barrancabermeja** Town Colombia 26 C5
- Barranquilla** Town Colombia 26 B4
- Barreiras** Town Brazil 29 L4
- Barreiro** Town Portugal 58 E7
- Barrow-in-Furness** Town England, UK 50 F8
- Barstow** Town California, US 14 H8
- Bartlesville** Town Oklahoma, US 17 M3
- Bartoszyce** Town Poland 62 F5
- Baryswa** Town Belarus 71 F9 *see also* Borisov
- Basarabeasca** Town Moldova 68 H6
- Basel** Town Switzerland 57 C11
- Basque Country, The** Region Spain 59 I3
- Basra** *see* Al Basrah
- Bassano del Grappa** Town Italy 60 E5
- Basse-Terre Island** Guadeloupe 23 N6
- Basse-Terre Capital** Guadeloupe 23 N6
- Bassetterre** Capital Saint Kitts & Nevis 23 N6
- Bassikounou** Town Mauritania 40 H5
- Bass Strait** Australia 105 K9
- Bata** Town Equatorial Guinea 43 C9
- Batangas** Town Philippines 97 I2
- Bădăcină** Town Cambodia 95 E10
- Bath** Town England, UK 51 F11
- Bath** Town Maine, US 8 K4
- Bathinda** Town India 86 H2
- Bathurst** Town New South Wales, Australia 105 L7
- Batman** Town Turkey 77 J6
- Batna** Town Algeria 37 I3
- Baton Rouge** Town Louisiana, US 10 E6
- Batticaloa** Town Sri Lanka 87 J9
- Batum** Town Georgia 77 J3
- Batu Pahat** Town Malaysia 96 E5
- Bauchi** Town Nigeria 41 L6
- Bauska** Town Latvia 70 E6
- Bavaria** Region Germany 57 E10
- Bayamo** Town Cuba 22 G4
- Bayan Har Shan** Mountain range China 88 H7
- Bay City** Town Michigan, US 13 L5
- Baydhabo** Town Somalia 39 H10
- Bayeux** Town France 54 D6
- Bäyir** Town Jordan 81 F12
- Baykal, Ozero** *see* Lake Baikal
- Bayreuth** Town Germany 56 E8
- Baytown** Town Texas, US 17 N7
- Beaufort Sea** Arctic Ocean 111 L4
- Beaumont** Town Texas, US 17 N6
- Beauvais** Town France 54 E6
- Béawar** Town India 86 H3
- Béchar** Town Algeria 36 G5
- Bedford** Town England, UK 51 H10
- Bedford** Town Pennsylvania, US 8 F8
- Be'er Sheva** Town Israel 81 D12
- Bei'an** Town China 89 M2
- Beihai** Town China 90 H9
- Beijing** Capital China 91 J3
- Beilen** Town Netherlands 52 G7
- Beira** Town Mozambique 45 J5
- Beirut** Capital Lebanon 81 D9
- Beja** Town Portugal 58 F7
- Békéscsaba** Town Hungary 63 G12
- Bekobod** Town Uzbekistan 85 J4
- Belarus** Country 71 E9
- Belchatów** Town Poland 62 E7
- Belcher Islands** Island group Canada 6 G3
- Beledweyne** Town Somalia 39 H10
- Belém** Town Brazil 29 K2
- Belén** Town Nicaragua 20 H6
- Belfast** Town Northern Ireland, UK 50 D7
- Belfield** Town North Dakota, US 12 E3
- Belfort** Town France 54 H8
- Belgaum** Town India 86 G6
- Belgium** Country 53 D11
- Belgorod** Town Russian Federation 73 B10
- Belgrade** Capital Serbia 64 G7
- Belgrano II** Research station Antarctica 110 D4
- Belize** Country 20 F2
- Belize City** Town Belize 20 F2
- Belle Isle, Strait of** Québec, Canada 7 M5
- Bellevue** Town Washington, US 14 G2
- Bellingham** Town Washington, US 14 G1
- Bello** Town Colombia 26 C6
- Bellville** Town South Africa 44 F9
- Belmopan** Capital Belize 20 F2
- Belogradchik** Town Bulgaria 66 D5
- Belo Horizonte** Town Brazil 29 L6
- Belomorsk** Town Russia 72 D6
- Beloretsk** Town Russian Federation 73 G10
- Bemaraha** Mountain range Madagascar 45 L5
- Benavente** Town Spain 58 G4
- Bend** Town Oregon, US 14 G3
- Bendigo** Town Victoria, Australia 105 K8
- Benevento** Town Italy 61 F10
- Bengal, Bay of** Indian Ocean 87 L5
- Bengbu** Town China 91 J5
- Benghazi** Town Libya 37 M4
- Bengkulú** Town Indonesia 96 E7
- Benguela** Town Angola 44 D3
- Benidorm** Town Spain 59 K7
- Beni-Mellal** Town Morocco 36 F4
- Benin** Country 41 J7
- Benin, Bight of** Coastal feature Nigeria 41 J8
- Benin City** Town Nigeria 41 K8
- Beni Suef** Town Egypt 38 D4
- Ben Nevis** Mountain Scotland, UK 50 E5
- Benson** Town Arizona, US 16 F6
- Bent Jbail** Town Lebanon 81 D10
- Benton** Town Arkansas, US 10 E4
- Benue** River Nigeria 41 L7
- Benue** River Nigeria 41 L7
- Beograd** *see* Belgrade
- Berat** Town Albania 65 F12
- Berbera** Town Somalia 39 H9
- Berbérati** Town Cameroon 42 D8
- Berdyans'k** Town Ukraine 69 L6
- Berdychiv** Town Ukraine 68 H3
- Berezhany** Town Ukraine 68 F3
- Berezynki** Town Russian Federation 72 G8
- Bergamo** Town Italy 60 D5
- Bergen** Town Norway 49 A9
- Bergen** Town Germany 56 F4
- Bergerac** Town France 55 D10
- Bering Sea** Russian Federation 79 N3
- Bering Strait** Russian Federation/US 79 M2
- Berkeley** Town California, US 14 F6
- Berlin** Capital Germany 56 G6
- Berlin** Town New Hampshire, US 9 J3
- Bermuda** Dependent territory UK, Atlantic Ocean 32 H3
- Bern** Capital Switzerland 57 C11
- Berner Alps** Mountain range Switzerland 57 C12
- Bertoua** Town Cameroon 42 D8
- Besançon** Town France 54 G8
- Betafo** Town Madagascar 45 M5
- Bethlehem** Town Israel 81 D11
- Béticos, Sistemas** Mountain range Spain 59 I8
- Bétou** Town Congo 43 E9
- Beveren** Town Belgium 53 D10
- Beyrouth** *see* Beirut
- Béziers** Town France 55 E11
- Bhaktapur** Town Nepal 87 J3
- Bhāvnagar** Town India 86 G5
- Bhopāl** Town India 86 H4
- Bhubaneshwar** Town India 87 K5
- Bhusāwal** Town India 86 H5
- Bhutan** Country 87 L3
- Biala Podlaska** Town Poland 62 H7
- Bialystok** Town Poland 62 H6
- Biarritz** Town France 55 B11
- Bicaz** Town Romania 68 G5
- Biel** Town Switzerland 57 C11
- Bielefeld** Town Germany 56 D6
- Bielsko-Biala** Town Poland 63 E9
- Biên Hoa** Town Vietnam 95 G11
- Bié, Planalto do** Plateau Angola 44 F3
- Bighorn Mountains** Wyoming, US 15 K3
- Bighorn River** Montana, US 15 K3
- Bignona** Town Senegal 40 E5
- Big Sioux River** South Dakota, US 12 G4
- Bijać** Town Bosnia & Herzegovina 64 C7
- Bijelo Polje** Town Montenegro 65 F9
- Bikāner** Town India 86 G3
- Bikin** Town Russian Federation 78 M7
- Bikini Atoll** Marshall Islands 102 H2
- Bilaspur** Town India 87 J5
- Bilăsuvar** Town Azerbaijan 77 N4
- Bila Tserkva** Town Ukraine 69 I3
- Bilauktaung Range** Mountain range Thailand 95 D11
- Bilbao** Town Spain 59 I3
- Billings** Town Montana, US 15 J3
- Bilma, Grand Erg de** Desert Niger 41 M4
- Biloxi** Town Mississippi, US 10 F6
- Binghamton** Town New York, US 8 G6
- Bingöl** Town Turkey 77 J5
- Bintulu** Town Malaysia 96 G5
- Binzhou** Town China 91 K4
- Birák** Town Libya 37 K6
- Birao** Town Central African Republic 42 G7
- Biratnagar** Town Nepal 87 K3
- Birjand** Town Iran 82 H6
- Birkensfeld** Town Germany 57 C9
- Birkendenhead** Town England, UK 51 F9
- Birmingham** Town England, UK 50 G10
- Birmingham** Town Alabama, US 10 G5
- Birin** Konni Town Niger 41 K5
- Birobidzhan** Town Russian Federation 79 L7
- Birkst** Town Russian Federation 73 G9
- Biržai** Town Lithuania 70 E6
- Biscay, Bay of** Atlantic Ocean 33 L2
- Bishkek** Capital Kyrgyzstan 85 L2
- Biskra** Town Algeria 37 I4
- Bislig** Town Philippines 97 K4
- Bismarck** Town North Dakota, US 12 F3
- Bismarck Archipelago** Island chain Papua New Guinea 102 E5
- Bismarck Sea** Pacific Ocean 102 E5
- Bissau** Capital Guinea-Bissau 40 E6
- Bistrița** Town Romania 68 F5
- Bitlis** Town Turkey 77 K5
- Bitola** Town Macedonia 65 G12
- Bitonto** Town Italy 61 H10
- Bitterroot Range** Mountain range Idaho, US 15 I2
- Bitung** Town Indonesia 97 K6
- Bizerte** Town Tunisia 37 J3
- Björnöya** Norway 111 N8
- Black Forest** Region Germany 57 C10
- Black Hills** Mountain range South Dakota, US 12 F4
- Blackpool** Town England, UK 50 F8
- Black Range** Mountain range New Mexico, US 16 G5
- Black Rock Desert** Nevada, US 14 G5
- Black Sea** Asia/Europe 69 I6
- Black Sea Lowland** Ukraine 69 J6
- Black Volta** River Ghana 41 I6
- Blagoevgrad** Town Bulgaria 66 E7
- Blagoveschensk** Town Russian Federation 79 L7
- Blanca, Bahía Bay** Argentina 31 F10
- Blanca, Costa** Coastal region Spain 59 K7
- Blanes** Town Spain 59 M4
- Blantyre** Town Malawi 45 J4
- Blida** Town Algeria 36 H3
- Bloemfontein** Capital South Africa 44 H7
- Bloomfield** Town New Mexico, US 16 G3
- Bloomington** Town Indiana, US 12 H4
- Bloomington** Town Minnesota, US 13 K7
- Bloomsbury** Town Queensland, Australia 105 M4
- Bluefields** Town Nicaragua 21 J6
- Blue Nile** River Sudan 38 E8
- Blumenau** Town Brazil 29 K8
- Bo** Town Sierra Leone 40 F7
- Boa Vista** Town Brazil 28 H1
- Bobo-Dioulasso** Town Burkina Faso 40 H6
- Bobruysk** Town Belarus 71 F10
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- Bocay** Town Nicaragua 20 H4
- Bocholt** Town Germany 56 C6
- Bochum** Town Germany 56 C7
- Bodaybo** Town Russian Federation 78 J6
- Boden** Town Sweden 48 F6
- Boğaz** Town Turkey 76 C6
- Bogale** Town Myanmar 95 B9
- Bogor** Town Indonesia 96 F8
- Bogotá** Capital Colombia 26 C6
- Bo Hai** Gulf China 91 K3
- Bohemia** Region Czechia 63 B9
- Bohemian Forest** Region Germany 57 F10
- Bohol Sea** Philippines 97 J4
- Boise** Town Idaho, US 14 H4
- Boise City** Town Oklahoma, US 17 J3
- Bojnūrd** Town Iran 82 G5
- Boké** Town Guinea 40 E6
- Bolesławiec** Town Poland 62 C7
- Bolgatanga** Town Ghana 41 I6
- Bolívia** Country 27 E11
- Bologna** Town Italy 60 E6
- Bolton** Town England, UK 51 F9
- Bolu** Town Turkey 76 E4
- Bolzano** Town Italy 60 E4
- Boma** Town Democratic Republic of the Congo 43 D11
- Bombay** *see* Mumbai
- Bonaire** Dependent territory Netherlands, Atlantic Ocean 23 K8
- Bonaparte Archipelago** Island group Australia 104 F2
- Bondoukou** Town Côte d'Ivoire 41 I7
- Bone, Teluk** Bay Indonesia 97 I7
- Bongaigaon** Town India 87 L3
- Bono, Massif des** Mountain range Central African Republic 42 G7
- Bonifacio** Town Corsica, France 55 I13
- Bonifacio, Strait of** Mediterranean Sea 61 B9
- Bonn** Town Germany 56 C8
- Boppard** Town Germany 56 C8
- Borås** Town Sweden 49 D11
- Bordeaux** Town France 55 D10
- Bordj Omar Driss** Town Algeria 37 I6
- Børgefjellet** Mountain range Norway 48 D6
- Borgholm** Town Sweden 49 E11
- Borisoglebsk** Town Russian Federation 73 D10
- Borisov** Town Belarus 71 F9 *see also* Barysaw
- Borneo** Island Indonesia 96 G6
- Bornholm** Island Denmark 49 D13
- Borovan** Town Bulgaria 66 E5
- Borovichi** Town Russia 72 C7
- Boryslav** Town Ukraine 68 E3
- Bose** Town China 90 H8
- Bosnia & Herzegovina** Country 64 D8
- Bosphorus** River Turkey 76 D3
- Bosseembélé** Town Central African Republic 42 E8
- Bossier City** Town Louisiana, US 10 D5
- Boston** Town Massachusetts, US 9 K5
- Bothnia, Gulf of** Finland 48 F7
- Botoșani** Town Romania 68 G5
- Boton** Town China 91 J3
- Botswana** Country 44 G6
- Bouar** Town Central African Republic 42 E8
- Bou Craa** Town Western Sahara 36 D6
- Bougouni** Town Mali 40 G6
- Boujdour** Town Western Sahara 36 C6
- Boulder** Town Colorado, US 15 K5
- Boulogne-sur-Mer** Town France 54 E5
- Boundiali** Town Côte d'Ivoire 40 H7
- Bourges** Town France 54 E8
- Bourke** Town New South Wales, Australia 105 L6
- Bournemouth** Town England, UK 51 G12
- Bouvet Island** Dependent territory Norway, Atlantic Ocean 33 L8
- Boysun** Town Uzbekistan 85 I5
- Bozeman** Town Montana, US 15 J3
- Brades** Capital Montserrat 23 N6
- Bradford** Town England, UK 50 G8
- Brahmaput** Town India 87 K5
- Brahmaputra** River Asia 87 L3
- Brăila** Town Romania 68 G7
- Brampton** Town Ontario, Canada 6 G8
- Brandenburg** Town Germany 56 F6
- Brasília** Capital Brazil 29 K5
- Brașov** Town Romania 68 F6
- Bratislava** Capital Slovakia 63 D10
- Bratsk** Town Russian Federation 79 I6
- Braunschweig** Town Germany 56 E6
- Brava, Costa** Coastal region Spain 59 N4
- Brawley** Town California, US 14 H8
- Brazil** Country 28 G4
- Brazzaville** Capital Congo 43 D11
- Brecon Beacons** Hills Wales, UK 51 F10

Breda Town Netherlands 53 E9
Bregovo Town Bulgaria 66 D5
Bréko District *Administrative region* Bosnia & Herzegovina 64 E7
Bremen Town Germany 56 D5
Bremerhaven Town Germany 56 D5
Brenner Pass Italy/Austria 60 E4
Brescia Town Italy 60 D5
Brest Town Belarus 71 B10
Brest Town France 54 A6
Brezovo Town Bulgaria 66 F6
Bria Town Central African Republic 42 F8
Briançon Town France 55 G10
Bridgeport Town Connecticut, US 9 I6
Bridgeport Capital Barbados 23 P7
Bridlington Town England, UK 50 H8
Brig Town Switzerland 57 C12
Brighton Town England, UK 51 H11
Brindisi Town Italy 61 I10
Brisbane Town Queensland, Australia 105 M6
Bristol Town England, UK 51 F11
Bristol Channel Wales/England, UK 51 E11
British Columbia Province Canada 4 G7
British Indian Ocean Territory *Dependent territory* UK, Indian Ocean 99 J5
British Virgin Islands *Dependent territory* UK, Atlantic Ocean 23 M5
Brittany Region France 54 B6
Brive-la-Gaillarde Town France 55 D10
Brno Town Czechia 63 D9
Broken Arrow Town Oklahoma, US 17 M3
Brookhaven Town Mississippi, US 10 F6
Brooks Range Mountain Range Alaska, US 4 F4
Broome Town Western Australia, Australia 104 F3
Brownfield Town Texas, US 17 J5
Brownwood Town Texas, US 17 L6
Brownsville Town Texas, US 17 M9
Bruges Town Belgium 53 C10
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Brunei Country 96 H5
Brussel see Brussels
Brussels Capital Belgium 53 D11
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Bryan Town Texas, US 17 M6
Bryansk Town Russian Federation 73 B9
Bucaramanga Town Colombia 26 C5
Bucharest Capital Romania 68 F7
Bucureşti see Bucharest
Budapest Capital Hungary 63 E11
Buenaventura Town Colombia 26 B6
Buena Vista Town Bolivia 27 E12
Buenos Aires Capital Argentina 30 G8
Buffalo Town New York, US 8 F5
Buffalo Town South Dakota, US 12 E3
Bug River Poland 66 G6
Burgurusan Town Russian Federation 73 F10
Buhayrat al Asad *see* Lake Assad
Bujanovac Town Serbia 65 G10
Bujumbura Capital Burundi 39 D12
Bukavu Town Democratic Republic of the Congo 43 H10
Bukoba Town Tanzania 39 E11
Bulawayo Town Zimbabwe 44 H5
Bulgaria Country 66 F6
Bumba Town Democratic Republic of the Congo 43 G9
Bungo-suidō Strait Japan 93 D13
Bünyan Town Turkey 76 G5
Buraydah Town Saudi Arabia 83 C9
Burdur Town Turkey 76 D6
Burgas Town Bulgaria 66 H6
Burgos Town Spain 59 I3
Burgundy Region France 54 F8
Buriram Town Thailand 95 E9
Burketown Town Queensland, Australia 105 J3
Burkina Faso Country 41 I6
Burlington Town New York, US 9 I4
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Burns Town Oregon, US 14 G4
Burnsville Town Minnesota, US 12 H4
Bursa Town Turkey 76 D4
Burundi Country 39 D12
Busan Town South Korea 91 M4

Buta Town Democratic Republic of the Congo 43 G9
Butterworth Town Malaysia 96 D4
Butuan Town Philippines 97 K4
Buxoro Town Uzbekistan 84 H4
Buynaks Town Russian Federation 73 D14
Büyükağrı Dağı *see* Ararat, Mount
Buzău Town Romania 68 G7
Buzuluk Town Russian Federation 73 F10
Byahom' Town Belarus 71 F9
Byalynichy Town Belarus 71 G10
Bydgoszcz Town Poland 62 E6
Byeloruskaya Hrada Ridge Belarus 71 D9
Bytom Town Poland 62 E8
Bytča Town Slovakia 63 E9

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Cabanatuan Town Philippines 97 J2
Cabimas Town Venezuela 26 D5
Cabinda Town Angola 44 D1
Cabinda Province Angola 44 D1
Caborca Town Mexico 18 E3
Cabot Strait Canada 7 L6
Cáceres Town Spain 58 G6
Cachimbo Town Brazil 29 I4
Cachimbo, Serra do Mountain range Brazil 29 I4
Cadiz Town Philippines 97 J3
Cádiz Town Spain 58 G9
Cadiz, Gulf of Spain 58 F8
Caen Town France 54 D6
Cagayan de Oro Town Philippines 97 K4
Cagliari Town Sardinia, Italy 61 B11
Caguas Town Puerto Rico 23 L5
Caiacos Passage Strait The Bahamas 23 I3
Cairns Town Queensland, Australia 105 L3
Cairo Capital Egypt 38 E4
Cajamarca Town Peru 27 B9
Čakovec Town Croatia 64 D5
Calabar Town Nigeria 41 L8
Calafat Town Romania 68 E7
Calais Town France 54 E5
Calais Town Maine, US 9 L2
Calama Town Chile 30 D4
Călărași Town Romania 68 G7
Calatayud Town Spain 59 J4
Calbayog Town Philippines 97 J3
Calcutta see Kolkata
Calgary Town Alberta, Canada 4 H8
Calí Town Colombia 26 B6
Calicut Town India 86 H8 *see also* Kozhikode
California State US 14 H7
California, Gulf of Mexico 18 E4
Callao Town Peru 27 B11
Caltanissetta Town Sicily, Italy 61 E13
Caluula Town Somalia 38 I8
Camacupa Town Angola 44 E3
Camagüey Town Cuba 22 F4
Camaná Town Peru 27 C12
Ca Mau Town Vietnam 95 F12
Cambodia Country 95 F10
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Cambrian Mountains Wales, UK 51 F10
Cambridge Town England, UK 51 H10
Cambridge Town Maryland, US 8 H9
Cambridge Town Ohio, US 13 M6
Cambridge Bay Town Nunavut, Canada 5 I5
Camden Town Maine, US 9 K4
Cameroun Country 42 C8
Camopi Town French Guiana 26 I7
Campeche Town Mexico 19 N7
Campeche, Bay of Mexico 19 M7
Câm Pha Town Vietnam 94 G6
Câmpina Town Romania 68 F7
Campina Grande Town Brazil 29 N4
Campinas Town Brazil 29 K7
Campobasso Town Italy 61 F9
Campo Grande Town Brazil 29 I6
Campos dos Goytacazes Town Brazil 29 L7
Câmpulung Town Romania 68 E6
Cam Ranh Town Vietnam 95 H11
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Canada Country 4 G8

Canary Islands *Island group* Spain, Atlantic Ocean 33 K3
Canaveral, Cape Coastal feature Florida, US 11 J7
Canavieiras Town Brazil 29 M5
Canberra Capital Australia 105 L8
Cancún Town Mexico 19 P6
Cangzhou Town China 91 J3
Caniapiscau, Réservoir de Reservoir Québec, Canada 7 I4
Çankırı Town Turkey 76 F4
Cannanore Town India 86 H8 *see also* Kannur
Cannes Town France 55 H12
Canoas Town Brazil 29 J8
Canon City Town Colorado, US 15 K6
Cantábrica, Cordillera Mountain range Spain 58 G3
Canterbury Town England, UK 51 I11
Cân Tho Town Vietnam 95 G12
Canton Town Ohio, US 13 M6
Canyon Town Texas, US 17 J4
Cape Basin Undersea feature Atlantic Ocean 33 M7
Cape Breton Island Nova Scotia, Canada 7 L7
Cape Charles Town Virginia, US 11 L2
Cape Coast Town Ghana 41 I8
Cape Horn Coastal feature Chile 31 E15
Cape Town Capital South Africa 44 F9
Cape Verde Country 33 K4
Cape Verde Basin Undersea feature Atlantic Ocean 33 J4
Cape York Peninsula Queensland, Australia 105 K2
Cap-Haïtien Town Haiti 23 I5
Capitán Arturo Prat Research station Antarctica 110 B4
Caprivi Strip Physical region Namibia 44 G4
Caracará Town Brazil 28 H1
Caracas Capital Venezuela 26 E4
Caravelas Town Brazil 29 M6
Carbonia Town Sardinia, Italy 61 B11
Cárdenas Town Cuba 22 E3
Cardiff Town Wales, UK 51 F11
Carei Town Romania 68 E5
Caribbean Sea Atlantic Ocean 32 H4
Carlisle Town England, UK 50 F7
Carlisle Town Pennsylvania, US 8 G7
Carlow Town Ireland 51 D9
Carlsbad Town New Mexico, US 17 I5
Carmarthen Town Wales, UK 51 E10
Carmelita Town Guatemala 20 E2
Carmen Town Mexico 19 N7
Carnarvon Town Western Australia, Australia 104 D5
Carolina Town Brazil 29 K3
Caroline Islands *Island group* Micronesia 102 F3
Carpathian Mountains Mountain range Poland/Slovakia/Romania 68 F5
Carpentaria, Gulf of Australia 105 J2
Carpis Town Italy 60 D6
Carrara Town Italy 60 D6
Carson City Town Nevada, US 14 G6
Cartagena Town Colombia 26 B5
Cartagena Town Spain 59 K8
Carthage Ancient site Tunisia 37 J3
Cartwright Town Newfoundland & Labrador, Canada 7 I4
Carúpano Town Venezuela 26 F4
Caruthersville Town Missouri, US 13 J8
Cary Town North Carolina, US 11 K3
Casablanca Town Morocco 36 E4
Cascade Range Mountain Range Oregon/Washington, US 14 F4
Casper Research station Antarctica 110 G7
Casper Town Wyoming, US 15 K4
Caspian Depression Lowland Russia Federation 73 D12
Caspian Sea Asia 73 D13
Casteggio Town Italy 60 C5
Castellon de la Plana Town Spain 59 K5
Castelvetrano Town Sicily, Italy 61 D13
Castlebar Town Ireland 50 B8
Castricum Town Netherlands 52 E7
Castries Capital St. Lucia 23 O7
Castrovilliari Town Italy 61 G11

Catacamas Town Honduras 20 H4
Catalonia Region Spain 59 L4
Cataluña *see* Catalonia
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Logan *Town Utah, US* 15 I5
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Loja *Town Ecuador* 26 A8
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Lomas *Town Peru* 27 C11
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Lommel *Town Belgium* 53 E10
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Lom Sak *Town Thailand* 95 D9
Lomža *Town Poland* 62 G6
Loncoche *Town Chile* 31 C10
London *Town Ontario, Canada* 6 G8
London *Capital United Kingdom* 51 H11
Londonderry *Town Northern Ireland, UK* 50 C7
Londrina *Town Brazil* 29 J7
Long Beach *Town California, US* 14 G8
Longford *Town Ireland* 50 C8
Long Island *The Bahamas* 22 H3
Long Island *New York, US* 9 J7
Longlac *Town Ontario, Canada* 6 F6
Longreach *Town Queensland, Australia* 105 L4
Longview *Town Texas, US* 17 N5
Long Xuyên *Town Vietnam* 95 G11
Longyan *Town China* 91 J7
Longyearbyen *Capital Svalbard* 111 F7
Lop Buri *Town Thailand* 95 D9
Lorca *Town Spain* 59 J8
Loreto *Town Mexico* 18 F5
Lorient *Town France* 54 B7
Los Angeles *Town California, US* 14 G8
Los Angeles *Town Chile* 31 C9
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Louangnamtha *Town Laos* 94 D7
Louangphabang *Town Laos* 94 E7
Loudéac *Town France* 54 B7
Loudi *Town China* 91 J7
Loughrea *Town Ireland* 51 B9
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Lowell *Town Massachusetts, US* 9 J5
Lower Hutt *Town New Zealand* 107 F9
Lowestoft *Town England, UK* 51 I10
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Luanshya *Town Zambia* 44 H3
Luarca *Town Spain* 58 G2
Lubango *Town Angola* 44 D4
Lubao *Town Democratic Republic of the Congo* 43 G11
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Lübeck *Town Germany* 56 E5
Lubin *Town Poland* 62 D7
Lubumbashi *Town Democratic Republic of the Congo* 43 H13
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Lucan *Town Ireland* 51 D9
Lucca *Town Italy* 60 D6
Lucena *Town Philippines* 97 J2
Lucena *Town Spain* 58 H8
Lučenec *Town Slovakia* 63 F10
Lucknow *Town India* 87 J3

Lüderitz *Town Namibia* 44 E7
Ludhiana *Town India* 86 H2
Ludwigsburg *Town Germany* 57 D9
Ludwigsfelden *Town Germany* 56 F6
Ludwigshafen *Town Germany* 57 D9
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Lufkin *Town Texas, US* 17 N6
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Lugano *Town Switzerland* 57 D12
Lugo *Town Spain* 58 F3
Lugoj *Town Romania* 68 D6
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Luhuo *Town China* 90 F5
Lukovit *Town Bulgaria* 66 E6
Luleå *Town Sweden* 48 F6
Lund *Town Sweden* 49 D12
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Luoyang *Town China* 91 J4
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Luton *Town England, UK* 51 G10
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Luxembourg *Capital Luxembourg* 53 G13
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Luza *Town Russian Federation* 72 F7
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Luzon *Island Philippines* 97 J2
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Makeni *Town Sierra Leone* 40 F7
Makhachkala *Town Russian Federation* 73 D14
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Máku *Town Iran* 82 D5
Makurdi *Town Nigeria* 41 L7
Malabo *Capital Equatorial Guinea* 42 B8
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Maladzyechina *Town Belarus* 71 E9
Málaga *Town Spain* 58 H8
Malakal *Town Southern Sudan* 39 E9
Malang *Town Indonesia* 96 G8
Mälaren *Lake Sweden* 49 F10
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Malawi *Country* 45 J3
Malaysia *Country* 96 E5
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Malta *Town Montana, US* 15 K2
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Mamoudzou *Capital Mayotte* 45 L3
Manado *Town Indonesia* 97 K6
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Manama *Capital Bahrain* 83 E9
Mananjary *Town Madagascar* 45 M6
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Manchester *Town England, UK* 51 F9
Manchester *Town New Hampshire, US* 9 J5
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Manila *Capital Philippines* 97 I2
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Maniwi *Town Indonesia* 97 M7
Manizales *Town Colombia* 26 B6
Mankato *Town Minnesota, US* 12 H4
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Mannheim *Town Germany* 57 D9
Manokwari *Town Indonesia* 97 M6
Manono *Town Democratic Republic of the Congo* 43 H12
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Mansfield *Town Pennsylvania, US* 8 G6
Manta *Town Ecuador* 26 A8
Mantova *Town Italy* 60 D5
Manurewa *Town New Zealand* 106 G5
Manzanares *Town Spain* 59 I6
Manzanillo *Town Cuba* 22 G4
Manzanillo *Town Mexico* 18 H8
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Maquincha *Town Argentina* 31 D10
Marabá *Town Brazil* 29 K3

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Mauritius *Country* 45 O6
Mawlamyine *Town* Myanmar 95 C9
Mawson *Research station* Antarctica 110 G4
Mayagüez *Town* Puerto Rico 23 L5
Mayamey *Town* Iran 82 G5
Maya Mountains *Mountain range*
 Belize 20 F3
Maych'ew *Town* Ethiopia 38 F8
Maykop *Town* Russian Federation 73 B12
Mayotte *Dependent territory* France,
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Mazabuka *Town* Zambia 44 H4
Mazar-e Sharif *Town* Afghanistan 85 I6
Mazatlán *Town* Mexico 18 G6
Mazury *Physical region* Poland 62 G5
Mazyr *Town* Belarus 71 F12
Mbabane *Capital* Swaziland 45 I7
Mbaké *Town* Senegal 40 E5
Mbale *Town* Uganda 39 E11
Mbandaka *Town* Democratic Republic
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Mbarara *Town* Uganda 39 D11
Mbeya *Town* Tanzania 39 E13
Mbuji-Mayi *Town* Democratic Republic
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McAlester *Town* Oklahoma, US 17 M4
McAllen *Town* Texas, US 17 L9
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Meadville *Town* Pennsylvania, US 8 E6
Mecca *Town* Saudi Arabia 83 B10
Mechelen *Town* Belgium 53 D11
Medan *Town* Indonesia 96 D5
Medellín *Town* Colombia 26 B6
Médénine *Town* Tunisia 37 J4
Medias' *Town* Romania 68 F6
Medicine Hat *Town* Alberta, Canada 5 I9
Medina *Town* Saudi Arabia 83 B9
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Meghályai *Cultural region* India 87 L4
Mehtar Lám *Town* Afghanistan 85 J7
Melktila *Town* Myanmar 94 B7
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Melbourne *Town* Victoria, Australia 105 K8
Melekeok *Capital* Palau 102 C3
Melilla *Town* Spain 36 G3
Melilla *Town* Spain 36 G3
Melitopol' *Town* Ukraine 69 K6
Mellerud *Town* Sweden 49 C10
Melo *Town* Uruguay 30 H8
Melville Island *Northern Canada* 5 I3
Memmingen *Town* Germany 57 E10
Memphis *Town* Tennessee, US 10 F4
Mende *Town* France 55 F10
Mendoza *Town* Argentina 30 D8
Menongue *Town* Angola 44 F4
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Meppel *Town* Netherlands 52 F7
Merano *Town* Italy 60 E4
Mercer *Town* Pennsylvania, US 8 E7
Mérida *Town* Venezuela 26 D5
Mérida *Town* Spain 58 G6
Mérida *Town* Mexico 19 O6
Mérignac *Town* France 55 C10
Mersin *Town* Turkey 76 G6
Meru *Town* Kenya 39 F11
Mesa *Town* Arizona, US 16 E5
Messina *Town* Sicily, Italy 61 G12
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Mestia *Town* Georgia 77 K2
Mestre *Town* Italy 60 E5
Metairie *Town* Louisiana, US 10 F6
Metan *Town* Argentina 30 E5
Metapán *Town* El Salvador 20 E4

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Metz *Town* France 54 H6
Meulaboh *Town* Indonesia 96 C5
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Miami Beach *Town* Florida, US 11 J8
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Michalovce *Town* Slovakia 63 G10
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Middletown *Town* New Jersey, US 9 I7
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Midland *Town* Texas, US 17 J6
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Miercurea-Ciuc *Town* Romania 68 F6
Mieres del Camín *Town* Spain 58 G3
Miguel Asua *Town* Mexico 19 I6
Mikashevichy *Town* Belarus 71 E11
Mikhaylovka *Town* Russian Federation
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Milagro *Town* Ecuador 26 A8
Milan *Town* Italy 60 C5
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Milas *Town* Turkey 76 C6
Miles City *Town* Montana, US 15 K3
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Milford Haven *Town* Wales, UK 51 E11
Milford Sound *Town* New Zealand 107 B12
Milford Sound Inlet *New Zealand* 107 A12
Mil'kovo *Town* Russian Federation 78 N4
Millbridge *Town* Maine, US 9 L3
Millennium Island *Island* Kiribati 103 N6
Milo *Town* Maine, US 9 K3
Milton *Town* Pennsylvania, US 8 G7
Milton Keynes *Town* England, UK 51 G10
Milwaukee *Town* Wisconsin, US 13 J5
Minatitlán *Town* Mexico 19 M8
Minbu *Town* Myanmar 94 B7
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Minden *Town* Germany 56 D6
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Mingăçevir *Town* Azerbaijan 77 M3
Mingãora *Town* Pakistan 86 G1
Minna *Town* Nigeria 41 K7
Minneapolis *Town* Minnesota, US 12 H4
Minnesotá *State* US 12 H4
Minorca *Island* Balearic Islands, Spain 59 N5
Minot *Town* North Dakota, US 12 F2
Minsk *Capital* Belarus 71 E9
Miraflores *Town* Mexico 18 F6
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Miri *Town* Malaysia 96 H5
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Mirny *Research station* Antarctica 110 G6
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Mirpur Khás *Town* Pakistan 86 F3
Miskolc *Town* Hungary 63 F10
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Mitchell *Town* South Dakota, US 12 G5
Mitchell *Town* South Dakota, US 12 G5
Mito *Town* Japan 93 G10
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Mitspe Ramon *Town* Israel 81 D12
Mítú *Town* Colombia 26 D7
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Moab *Town* Utah, US 15 J6
Mobile *Town* Alabama, US 10 G6
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Modena *Town* Italy 60 D6
Modesto *Town* California, US 14 F6
Modica *Town* Sicily, Italy 61 F14
Moe *Town* Victoria, Australia 105 K8
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Mogilev *Town* Belarus 71 G10
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Mogilno *Town* Poland 62 E6
Mohammedia *Town* Morocco 36 E4
Mohawk River *New York*, US 8 H5
Mohe *Town* China 89 L1
Mohyliv-Podil's'kyi *Town* Ukraine 68 H4
Mo i Rana *Town* Norway 48 D6
Mojave Desert *California*, US 14 H8
Mokpo *Town* South Korea 91 M4
Moldé *Town* Norway 48 B8
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Molfetta *Town* Italy 61 H10
Mölndal *Town* Sweden 49 C11
Molodezhnaya *Research station*
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Mombasa *Town* Kenya 39 G12
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Moncton *Town* New Brunswick, Canada 7 K7
Mondovi *Town* Italy 60 B6
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Mongolia *Country* 88 H3
Monroe *Town* Louisiana, US 10 E5
Monrovia *Capital* Liberia 40 F8
Mons *Town* Belgium 53 D12
Monseilice *Town* Italy 60 E5
Montana *State* US 15 J2
Montana *Town* Bulgaria 66 E5
Montauban *Town* France 55 D11
Mont Blanc *Mountain* France 55 H9
Mont-de-Marsan *Town* France 55 C11
Monteagudo *Town* Bolivia 27 E13
Monte Albán *Ancient site* Mexico 19 L9
Monte Caseros *Town* Argentina 30 G7
Monte Cristi *Town* Dominican Republic 23 I5
Montego Bay *Town* Jamaica 22 F5
Montélimar *Town* France 55 F10
Montemorelos *Town* Mexico 19 J5
Montenegro *Country* 65 F10
Monterey *Town* California, US 14 F7
Montería *Town* Colombia 26 B5
Montero *Town* Bolivia 27 F12
Monterrey *Town* Mexico 19 J5
Montevideo *Capital* Uruguay 30 H8
Montgomery *Town* Alabama, US 10 G5
Montluçon *Town* France 55 E9
Montpellier *Town* France 55 F11
Montréal *Town* Québec, Canada 7 I7
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Monza *Town* Italy 60 C5
Moorhead *Town* Minnesota, US 12 G3
Mopti *Town* Mali 40 H5
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Moree *Town* New South Wales,
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Morelia *Town* Mexico 19 J8
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Morogoro *Town* Tanzania 39 F13
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Moroni *Capital* Comoros 45 L3
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Mostaganem *Town* Algeria 36 G3
Mostar *Town* Bosnia & Herzegovina 65 D9
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Moundou *Town* Chad 42 E7
Mount Cook *Town* New Zealand 107 C11
Mount Isa *Town* Queensland,
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Mount Magnet *Town* Western Australia,
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Mouscron *Town* Belgium 53 C11
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Mthatha *Town* South Africa 44 H8
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Mufulira *Town* Zambia 44 H3
Mugi *Town* Japan 93 E12
Mukacheve *Town* Ukraine 68 F4
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Mull, Isle of *Island* Scotland, UK 50 D6
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Multān *Town* Pakistan 86 G2
Mumbai *Town* India 86 G6
Münchberg *Town* Germany 56 F8
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Munich *Town* Germany 57 F10
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Münster *Town* Germany 56 C6
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Mwanza *Town* Tanzania 39 E12
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Myanaung *Town* Myanmar 94 B8
Myaungmya *Town* Myanmar 95 B9
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Myingyan *Town* Myanmar 94 B6
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Mýrina *Town* Greece 67 F9
Myrtle Beach *Town* South Carolina,
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Mysore *Town* India 86 H8
My Tho *Town* Vietnam 95 G11
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Naberezhnye Chelny *Town* Russian Federation 73 F9
Nablus *Town* Israel 81 D11
Nacala *Town* Mozambique 45 K4
Nadi *Town* Fiji 103 I7
Nadvirna *Town* Ukraine 68 F4
Nadym *Town* Russian Federation 78 G5
Naga *Town* Philippines 97 J2
Nagano *Town* Japan 93 F10
Nagaoka *Town* Japan 93 F9
Nagasaki *Town* Japan 93 B14
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Nagqu *Town* China 88 G7
Nagykanizsa *Town* Hungary 63 D12
Nagykörös *Town* Hungary 63 F11
Naha *Town* Ryukyu Islands 93 A16
Nā'in *Town* Iran 82 F7
Nain *Town* Newfoundland & Labrador,
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Nairobi *Capital* Kenya 39 F11
Najin *Town* North Korea 91 M2
Najrān *Town* Saudi Arabia 83 C12
Nakagawa *Town* Japan 92 F4
Nakamura *Town* Japan 93 D13
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Nakhodka *Town* Russian Federation 79 M7
Nakhon Ratchasima *Town* Thailand 95 E9
Nakhon Sawan *Town* Thailand 95 D9
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Nakuru *Town* Kenya 39 F11
Nal'chik *Town* Russian Federation 73 C13
Nälût *Town* Libya 37 J5
Namangan *Town* Uzbekistan 85 K3
Nam Dinh *Town* Vietnam 94 G7
Namib *Desert* Namibia 44 E5
Namibe *Town* Angola 44 D4
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Nampa *Town* Idaho, US 14 H4
Nampula *Town* Mozambique 45 K4
Namur *Town* Belgium 53 E12
Nanaimo *Town* British Columbia,
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Nancha *Town* China 89 M2
Nanchang *Town* China 91 J6
Nanchong *Town* China 90 H6
Nancy *Town* France 54 H7
Nanded *Town* India 86 H6
Nanfeng *Town* China 91 J7
Nanjing *Town* China 91 K5
Nanning *Town* China 90 H8
Nanping *Town* China 91 K7
Nanterre *Town* France 54 E6
Nantes *Town* France 54 C8
Nantucket *Town* Massachusetts, US 9 K6
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Nanyang *Town* China 91 I5
Napa *Town* California, US 14 F6
Napier *Town* New Zealand 106 H7
Naples *Town* Italy 61 F10
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Napo, Río *River* Peru 26 C8
Narathiwat *Town* Thailand 95 E13

Narita *Town* Japan 93 G10
Närpes *Town* Finland 48 F8
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Narvik *Town* Norway 48 E4
Näsäud *Town* Romania 68 F5
Nashik *Town* India 86 G5
Nashua *Town* New Hampshire, US 9 J5
Nashville *Town* Tennessee, US 10 G3
Nassau *Capital* The Bahamas 22 G2
Nasser *Lake* Egypt 38 E6
Nata *Town* Botswana 44 H5
Natal *Town* Brazil 29 N3
Natitingou *Town* Benin 41 J6
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Navapolatsk *Town* Belarus 70 G8
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Navoiy *Town* Uzbekistan 85 I4
Navojos *Town* Mexico 18 F5
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Nayoro *Town* Japan 92 F4
Nay Pyi Taw *Capital* Myanmar 94 C7
Nazareth *Town* Israel 81 D10
Nazca *Town* Peru 27 C11
Nazilli *Town* Turkey 76 D6
Nazrēt *Town* Ethiopia 39 G9
N'Dalatando *Town* Angola 44 E2
Ndélé *Town* Central African Republic 42 F7
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Neápoli *Town* Greece 67 G14
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Negotin *Town* Serbia 64 H8
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Neufchâteau *Town* Belgium 53 F13
Neumünster *Town* Germany 56 D4
Neunkirchen *Town* Germany 57 C9
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Newied *Town* Germany 56 C8
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Nevinomysk *Town* Russia 73 C11
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Newark *Town* New Jersey, US 9 I7
Newark *Town* New York, US 8 G5
New Bedford *Town* Massachusetts, US 9 K6
Newberg *Town* Oregon, US 14 F3
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 Pacific Ocean 102 G7
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Newcastle upon Tyne *Town* England,
 UK 50 F7
New Delhi *Capital* India 86 H3
Newfoundland *Island* Ontario, Canada 7 M5

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New Glasgow *Town* Nova Scotia,
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New Guinea Island *Indonesia/*
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New Haven *Town* Connecticut, US 8 I6
New Iberia *Town* Louisiana, US 10 E6
New Jersey State US 9 I7
Newman *Town* Western Australia,
 Australia 104 E4
New Mexico State US 17 I4
New Orleans *Town* Louisiana, US 10 F6
New Plymouth *Town* New Zealand 106 F7
Newport *Town* Vermont, US 9 I3
Newport *Town* Wales, UK 51 F11
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Newry *Town* Northern Ireland, UK 50 D8
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Nizhnevartovsk *Town* Russia 78 G5
Nizhniy Novgorod *Town* Russia 73 E9
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Nkongsamba *Town* Cameroon 42 C8
Nobeoka *Town* Japan 93 C14
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Nong Khai *Town* Thailand 94 E8
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Novi Sad *Town* Serbia 64 F7
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Novocherkassk *Town* Russian Federation
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Nuneaton *Town* England, UK 51 G10
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Olmalıq *Town* Uzbekistan 85 J4
Olomouc *Town* Czechia 63 D9
Olovyanaya *Town* Russian Federation
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Olpe *Town* Germany 56 C7
Olsztyn *Town* Poland 62 F5
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Osnabrück *Town* Germany 56 C6
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Oss *Town* Netherlands 53 F9
Ossora *Town* Russian Federation 78 M4
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Östersund *Town* Sweden 48 D8
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UK 50 C4
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Paducah *Town* Kentucky, US 10 G3
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Parechcha *Town* Belarus 70 D8
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Passau *Town* Germany 57 G10
Passo Fundo *Town* Brazil 29 J8
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Seraing Town Belgium 53 F11
Séries Town Greece 66 E8
Sesto San Giovanni Town Italy 60 C5
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Sète Town France 55 F11
Sétif Town Algeria 37 I3
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Setúbal Town Portugal 58 E7
Sevan Town Armenia 77 L4
Sevastopol' Town Ukraine 69 J7
Severn River England, UK 51 F11
Severnaya Zemlya Island group Russian Federation 79 I3
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Severodvinsk Town Russia 72 E6
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Seville Town Spain 58 G8
Sevlievo Town Bulgaria 66 F6
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Shandong Administrative region China 91 J4
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Shangrao Town China 91 K6
Shannon River Ireland 51 C9
Shan Plateau Myanmar 94 C6
Shantou Town China 91 J8
Shaoguan Town China 91 J7
Shar Town Kazakhstan 78 G7
Shari Town Japan 92 H4
Sharjah Town United Arab Emirates 83 G9
Shchuchinsk Town Kazakhstan 78 F6
Sheboygan Town Wisconsin, US 13 J5
Shebski Mountains Mountain range Nigeria 41 M7
Sheffield Town England, UK 51 G9
Shelby Town Montana, US 15 I2
Shenyang Town China 91 L2
Shepparton Town Victoria, Australia 105 K8
Shetland Islands Island group Scotland, UK 50 F2
Shiborghán Town Afghanistan 85 I6
Shihezi Town China 88 F4
Shijiazhuang Town China 91 J3
Shikarpur Town Pakistan 86 F3
Shikoku Island Japan 93 E13
Shiliguri Town India 87 K3
Shimoga Town India 86 H7
Shimonoseki Town Japan 93 B13
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Shinyang Town Tanzania 39 E12
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Shirataki Town Japan 92 G4
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Shouzhou Town China 91 I3
Shreveport Town Louisiana, US 10 D5
Shrewsbury Town England, UK 51 F9
Shu Town Kazakhstan 78 F8
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Shuqrah Town Yemen 83 D13
Shwebo Town Myanmar 94 B6
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Šiauliai Town Lithuania 70 D6
Šibenik Town Croatia 64 C8
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Sibiu Town Romania 68 F6
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Sicily, Strait of Mediterranean Sea 61 E14
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Sidi Bel Abbès Town Algeria 36 G4
Sidney Town Nebraska, US 12 E6
Sidney Town Montana, US 15 L2
Siedlce Town Poland 62 G7
Siegen Town Germany 56 C7
Siena Town Italy 60 D7
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Sierra Leone Country 40 F7
Sierra Madre Mountain range Guatemala 20 D4
Sierra Madre Occidental Mountain range Mexico 18 G5
Sierra Madre Oriental Mountain range Mexico 19 J6
Sierra Nevada Mountain range Spain 59 I8
Sierra Nevada Mountain range California, US 14 G6
Sierra Vieja Mountain range Texas, US 17 I7

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Sigli *Town* Indonesia 96 C4
Signy *Research station* Antarctica 110 B3
Siguri *Town* Guinea 40 G6
Siirt *Town* Turkey 77 K6
Sikhote-Alin', *Khrebet* *Mountain range*
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Silchar *Town* India 87 L4
Silesia *Region* Poland 62 C7
Silifke *Town* Turkey 76 F7
Silistra *Town* Bulgaria 66 H5
Sillamäe *Town* Estonia 70 H4
Silvan *Town* Turkey 77 J5
Silverek *Town* Turkey 76 H6
Simferopol' *Town* Ukraine 69 K7
Simpson Desert Northern Territory/
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Sinai *Desert* Egypt 38 E4
Sincelejo *Town* Colombia 26 B5
Singapore *Country* 96 E6
Singida *Town* Tanzania 39 E12
Singkang *Town* Indonesia 97 I7
Singkawang *Town* Indonesia 96 F6
Siniscola *Town* Sardinia, Italy 61 C9
Sinnamary *Town* French Guiana 26 I6
Sinsheim *Town* Germany 57 D9
Sint Maarten *Island* Caribbean Sea 23 N5
Sint-Niklaas *Town* Belgium 53 D10
Sinjūju *Town* North Korea 91 L3
Sioux City *Town* Iowa, US 12 G5
Sioux Falls *Town* South Dakota,
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Siping *Town* China 89 M3
Siquirres *Town* Costa Rica 21 J7
Siracusa *Town* Sicily, Italy 61 F13
Sirjan *Town* Iran 82 G8
Sirnak *Town* Turkey 77 K6
Sirte, *Gulf of* Libya 37 L4
Sittoung *River* Myanmar 94 C8
Sittwe *Town* Myanmar 94 A7
Siuna *Town* Nicaragua 21 I4
Sivas *Town* Turkey 76 H4
Sjælland *Island* Denmark 49 C12
Skagerrak *Sea* Norway 49 B11
Skaudvilė *Town* Lithuania 70 D6
Skegness *Town* England, UK 51 H9
Skellefteå *Town* Sweden 48 F7
Skopje *Capital* Macedonia 65 G11
Skovorodino *Town* Russia Federation
 78 K6
Slagelse *Town* Denmark 49 C12
Slatina *Town* Romania 82 D5
Slavonski Brod *Town* Croatia 64 E7
Sligo *Town* Ireland 50 B8
Sliven *Town* Bulgaria 66 G6
Slonim *Town* Belarus 71 D9
Slovakia *Country* 63 E10
Slovenia *Country* 57 G12
Slov'yans'k *Town* Ukraine 69 M4
Slupsk *Town* Poland 62 D5
Slutsk *Town* Belarus 71 E10
Smallwood Reservoir Nova Scotia,
 Canada 7 K4
Smara *Town* Western Sahara 36 D6
Smederevo *Town* Serbia 64 G8
Smolensk *Town* Russia Federation 72 B8
Snake River Idaho/Oregon, US 14 H3
Snowdonia *Physical region* Wales, UK 51 F9
Sochi *Town* Russia Federation 73 B12
Société, Archipel de la *Island chain* French
 Polynesia 103 N7
Socotra *Island* Yemen 83 F13
Soc Träng *Town* Vietnam 95 G12
Söderhamn *Town* Sweden 49 E9
Söderälje *Town* Sweden 49 E10
Sofia *Capital* Bulgaria 66 E6
Sofiya *see* Sofia
Sogamoso *Town* Colombia 26 C6
Sokal' *Town* Ukraine 68 F2
Sokhumi *Town* Georgia 77 J2
Sokodé *Town* Togo 41 J7
Sokone *Town* Senegal 40 E5
Sokoto *Town* Nigeria 41 K6
Solapur *Town* Pakistan 86 H6
Sol, Costa del Coastal region Spain 58 H9
Soledad *Town* Colombia 26 B4
Solikamsk *Town* Russia Federation 72 G8

Solingen *Town* Germany 56 C7
Sollentuna *Town* Sweden 49 E10
Solok *Town* Indonesia 96 D6
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Solomon Islands *Island group* Papua New
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Solomon Sea Pacific Ocean 102 F5
Solwezi *Town* Zambia 44 H3
Sōma *Town* Japan 93 G9
Somalia *Country* 39 H10
Somaliland *Cultural region* Somalia 39 H9
Somerset *Town* Kentucky, US 10 H3
Somme *River* France 54 E5
Somotillo *Town* Nicaragua 20 G5
Somoto *Town* Nicaragua 20 H5
Songea *Town* Tanzania 39 F14
Songkhla *Town* Thailand 95 D13
Sonoran Desert Arizona, US 16 D5
Sonsonate *Town* El Salvador 20 E5
Sop Hao *Town* Laos 94 F7
Sopron *Town* Hungary 63 D11
Sorgun *Town* Turkey 76 G4
Soria *Town* Spain 59 J4
Sorong *Town* Indonesia 97 L6
Sortavalta *Town* Russia Federation 72 C6
Sousse *Town* Tunisia 37 J3
South Africa *Country* 44 G7
Southampton *Town* England, UK 51 F12
Southampton Island Nunavut,
 Canada 5 K5
South Australia *State* Australia 105 J6
South Bend *Town* Indiana, US 13 K6
South Carolina *State* US 11 J4
South China Sea Pacific Ocean 91 L8
South Dakota *State* US 12 F4
Southeast Indian Ridge *Undersea feature*
 Indian Ocean 99 K7
Southend-on-Sea *Town* England, UK
 51 H11
Southern Alps *Mountain range* New Zealand
 107 C11
Southern Cook Islands *Island group* Cook
 Islands 103 L8
Southern Cross *Town* Western Australia,
 Australia 104 E6
Southern Ocean 110 G3
Southern Sudan *Country* 39 D9
Southern Uplands *Mountain range* Scotland,
 UK 50 E7
South Georgia & The Sandwich Islands
Dependent Territory UK, Atlantic Ocean
 33 J8
South Island New Zealand 107 D11
South Korea *Country* 91 M4
South Orkney Islands *Island group* Antarctica
 110 B3
South Shetland Islands *Island group*
 Antarctica 110 B4
South Shields *Town* England, UK 50 G7
Southwest Indian Ridge *Undersea feature*
 Indian Ocean 99 I6
Southwest Pacific Basin *Undersea feature*
 Pacific Ocean 109 K7
Soweto *Town* South Africa 44 H7
Spain *Country* 58 H5
Spanish Town *Town* Jamaica 22 G5
Spartanburg *Town* South Carolina, US
 11 I4
Spijkenisse *Town* Netherlands 53 D9
Spīn Büldak *Town* Afghanistan 85 I8
Spitsbergen *Island* Arctic Ocean 111 M7
Split *Town* Croatia 64 C8
Spokane *Town* Washington, US 14 H2
Springfield *Town* Massachusetts, US 8 J6
Springfield *Town* Illinois, US 13 J7
Springfield *Town* Ohio, US 13 L6
Springfield *Town* Missouri, US 12 H8
Spring Hill *Town* Florida, US 11 I7
Srbobran *Town* Serbia 64 F7
Srebrenica *Town* Bosnia & Herzegovina
 64 F8
Sri Jayewardenapura Kotte *Capital*
 Sri Lanka 87 I9
Sri Lanka *Country* 87 J9
Stafford *Town* England, UK 51 F9
Stakhanov *Town* Ukraine 69 M4
Stalowa Wola *Town* Poland 62 G8

Stamford *Town* Connecticut, US 8 I6
Starachowice *Town* Poland 62 F8
Stara Zagora *Town* Bulgaria 66 G6
Stargard Szczecinski *Town* Poland 62 C5
Starobil's'k *Town* Ukraine 69 M4
Starry Oskol *Town* Russian Federation
 73 C10
State College *Town* Pennsylvania, US 8 F7
Statesboro *Town* Georgia, US 11 I5
Staunton *Town* Virginia, US 11 K2
Stavanger *Town* Norway 49 A10
Stavropol' *Town* Russia Federation 73 C11
Steamboat Springs *Town* Colorado,
 US 15 K5
Steinkjer *Town* Norway 48 C7
Sterling *Town* Illinois, US 13 J6
Sterlitamak *Town* Russia Federation 73 G10
Stevenage *Town* England, UK 51 H10
Stevens Point *Town* Wisconsin, US 13 J4
Stewart Island New Zealand 107 B14
Stillwater *Town* Oklahoma, US 17 L3
Stockholm *Capital* Sweden 49 E10
Stockton *Town* California, US 14 F6
Stockton Plateau Texas, US 17 J7
Sténg Tréng *Town* Cambodia 95 G10
Stoke-on-Trent *Town* England, UK 51 F9
Stonehenge *Ancient site* England,
 UK 51 G11
Stormway *Town* Scotland, UK 50 D4
Stormyan *Town* Sweden 48 E6
Stralsund *Town* Germany 56 F4
Strasbourg *Town* France 54 H7
Strelka *Town* Russia Federation 78 H6
Strumica *Town* Macedonia 65 H12
Stryi *Town* Ukraine 68 F3
Stuttgart *Town* Germany 57 D9
Subotica *Town* Serbia 64 F6
Suceava *Town* Romania 68 G5
Sucré *Capital* Bolivia 27 E12
Sudan *Country* 38 D7
Sudbury *Town* Ontario, Canada 6 G7
Sudd Region Southern Sudan 39 D9
Sudeten *Region* Poland 62 C8
Suez *Town* Egypt 38 E4
Suez, Gulf of Egypt 38 E4
Sümbü *Town* Mongolia 89 I2
Suhl *Town* Germany 56 E8
Sujawal *Town* Pakistan 86 F4
Sukabumi *Town* Indonesia 96 F8
Sukagawa *Town* Japan 93 G9
Sukkur *Town* Pakistan 86 F3
Sukuma *Town* Japan 93 D13
Sulawesi *see* Celebes
Sullana *Town* Peru 27 A9
Sulu Archipelago *Island chain*
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Sumatra *Island* Indonesia 96 E7
Sumbawanga *Town* Tanzania 39 E13
Sumbe *Town* Angola 44 D3
Sumqayıt *Town* Azerbaijan 77 N3
Sumy *Town* Ukraine 69 K2
Sunderland *Town* England, UK 50 F7
Sundsvall *Town* Sweden 48 E8
Sungaipenuh *Town* Indonesia 96 D7
Sunnyvale *Town* California, US 14 F6
Suöng *Town* Cambodia 95 G11
Superior *Town* Wisconsin, US 13 I3
Superior, Lake Canada/US, 13 I3
Suqurā *see* Socotra
Sür *Town* Oman 83 H3
Surabaya *Town* Indonesia 96 G8
Surakarta *Town* Indonesia 96 G8
Sūrat *Town* India 86 G5
Surat Thani *Town* Thailand 95 D12
Surdulica *Town* Serbia 65 H10
Surfers Paradise *Town* Queensland,
 Australia 105 N6
Surgut *Town* Russia Federation 78 G5
Suriname *Country* 26 G6
Surt *Town* Libya 37 L5
Surt, Khalif *see* Sirte, Gulf of
Susa *Town* Italy 60 B5
Susteren *Town* Netherlands 53 F10
Susuman *Town* Russia Federation 78 L4
Suva *Capital* Fiji 103 J7
Suwaliki *Town* Poland 62 G5

Suzhou *Town* China 91 K5
Svalbard *Dependent Territory* Norway,
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Svenstavik *Town* Sweden 48 D8
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Svilengrad *Town* Bulgaria 66 G7
Svobodny *Town* Russian Federation
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Svetlahorsk *Town* Belarus 71 F11
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Swansea *Town* Wales, UK 51 E11
Swaziland *Country* 45 I7
Sweden *Country* 48 D7
Świdnica *Town* Poland 62 D8
Świebodzin *Town* Poland 62 C7
Swindon *Town* England, UK 51 G11
Świnoujście *Town* Poland 62 B5
Switzerland *Country* 57 C11
Sydney *Town* New South Wales,
 Australia 105 M7
Syeverodonets'k *Town* Ukraine 69 M4
Syktyvkar *Town* Russian Federation 72 F7
Sylhet *Town* Bangladesh 87 L4
Syowa *Research station* Antarctica 110 F4
Syracuse *Town* New York, US 8 G5
Syria *Country* 80 F7
Syrian Desert Jordan 81 G10
Syzran' *Town* Russia Federation 73 E10
Szczecin *Town* Poland 62 C5
Szeged *Town* Hungary 63 F12
Székesfehérvár *Town* Hungary 63 E11
Szolnok *Town* Hungary 63 F11
Szombathely *Town* Hungary 63 D11

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Tabora *Town* Tanzania 39 E12
Tabriz *Town* Iran 82 D5
Tabük *Town* Saudi Arabia 82 A8
Taby *Town* Sweden 49 E10
Tacloban *Town* Philippines 97 K3
Tacoma *Town* Washington, US 14 F2
Tacuarembó *Town* Uruguay 30 H7
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Tädpatri *Town* Bhutan 87 I7
Taganrog *Town* Russia Federation 73 B11
Taguatinga *Town* Brazil 29 K5
Tagus *River* Spain/Portugal 58 F6
Tahoua *Town* Niger 41 K5
Tainan *Town* Taiwan 91 K8
Taipei *Capital* Taiwan 91 L7
Taiping *Town* Malaysia 96 D5
Taiwan *Country* 91 L8
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Taiyuan *Town* China 91 I4
Taizhong *Town* Taiwan 91 L8
Ta'izz *Town* Yemen 83 C13
Tajikistan *Country* 85 K5
Takaoka *Town* Japan 93 E10
Takapuna *Town* New Zealand 106 F5
Takasaki *Town* Japan 93 F10
Takikawa *Town* Japan 92 F5
Takla Makan Desert China 88 E5
Talamanca, Cordillera de *Mountain range*
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Talas *Town* Kyrgyzstan 85 K3
Talavera de la Reina *Town* Spain 58 H5
Talca *Town* Chile 30 C8
Talcahuano *Town* Chile 31 C9
Taldykorghan *Town* Kazakhstan 78 G8
Tallahassee *Town* Florida, US 10 H6
Tallinn *Capital* Estonia 70 G3
Talnakh *Town* Russia Federation 78 H4
Talsi *Town* Latvia 70 E5
Talvik *Town* Norway 48 F3
Tamale *Town* Ghana 41 I7
Tamanrasset *Town* Algeria 37 I7
Tamazunchale *Town* Mexico 19 K7
Tambacounda *Town* Senegal 40 E5
Tambov *Town* Russia Federation 73 D10
Tampa *Town* Florida, US 11 I7
Tampa Bay Florida, US 11 I8
Tampere *Town* Finland 48 G8
Tampico *Town* Mexico 19 K6

Tamworth *Town* New South Wales, Australia 105 M6

Tana *Town* Norway 48 G3

Tanabe *Town* Japan 93 E12

Tanami Desert Northern Territory, Australia 104 H3

Tandil *Town* Argentina 31 G9

Tane Range *Mountain range* Thailand 94 D8

Tanezrouft *Desert* Algeria 36 H7

Tanga *Town* Tanzania 39 G12

Tanganyika, Lake Democratic Republic of the Congo 43 I12

Tanggula Shan *Mountain range* China 88 G7

Tanger *Town* Morocco 36 F3

Tangshan *Town* China 91 K3

Tan-Tan *Town* Morocco 36 D5

Tanzania *Country* 39 E12

Taoudenni *Town* Mali 40 H3

Tapa *Town* Estonia 70 G4

Tapachula *Town* Mexico 19 N9

Tapajós, Rio *River* Brazil 29 I3

Tarabulus *see* Tripoli

Tarancón *Town* Spain 59 I6

Taranto *Town* Italy 61 H10

Taranto, Gulf Italy 61 H11

Taparoto *Town* Peru 27 B9

Taraz *Town* Kazakhstan 78 F8

Tarbes *Town* France 55 D11

Târgoviște *Town* Romania 68 F7

Târgu Jiu *Town* Romania 68 E7

Târgu Mureş *Town* Romania 68 F5

Tarija *Town* Bolivia 27 E13

Tarim Basin China 88 F5

Tarnobrzeg *Town* Poland 62 G8

Tarnów *Town* Poland 63 F9

Tarragona *Town* Spain 59 L4

Tarsus *Town* Turkey 76 G6

Tartu *Town* Estonia 70 G5

Tartús *Town* Syria 80 D7

Tarvisio *Town* Italy 60 F4

Tashkent *Capital* Uzbekistan 85 J3

Tash-Kumyr *Town* Kyrgyzstan 85 K3

Tasikmalaya *Town* Indonesia 96 F8

Tasmania *State* Australia 105 K9

Tasman Sea Pacific Ocean 105 M8

Tassili-n-Ajjer *Plateau* Algeria 37 I6

Tatabánya *Town* Hungary 63 E11

Tathlith *Town* Saudi Arabia 83 C11

Tatra Mountains Slovakia 63 F9

Tatvan *Town* Turkey 77 K5

Taungdwingyi *Town* Myanmar 94 B7

Taunggyi *Town* Myanmar 94 C7

Taunton *Town* England, UK 51 F11

Taupo *Town* New Zealand 106 G7

Taupo, Lake New Zealand 106 G7

Tauranga *Town* New Zealand 106 G6

Taurus Mountains *Mountain range* Turkey 76 E6

Tawau *Town* Malaysia 97 I5

Taxco *Town* Mexico 19 K8

Taxiātosh *Town* Uzbekistan 84 F2

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Te Anau *Town* New Zealand 107 B13

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Tegucigalpa *Capital* Honduras 20 G4

Tehrān *Capital* Iran 82 E6

Tehuacán *Town* Mexico 19 L8

Tehuantepec *Town* Mexico 19 M9

Tehuantepec, Gulf of Mexico 19 M9

Tehuantepec, Istmo de Isthmus Mexico 19 M8

Tejen *Town* Turkmenistan 84 F5

Te Kao *Town* New Zealand 106 E3

Tekeli *Town* Kazakhstan 78 G8

Tekirdağ *Town* Turkey 76 C3

Tel Aviv-Yafo *Town* Israel 81 C11

Temirtau *Town* Kazakhstan 78 F7

Temple *Town* Texas, US 17 M6

Temuco *Town* Chile 31 C10

Ténéré *Physical region* Niger 41 M4

Tennessee *State* US 10 G3

Tennessee River Alabama/Tennessee, US 10 G4

Tepic *Town* Mexico 18 H7

Teplice *Town* Czechia 62 B8

Tequila *Town* Mexico 19 I7

Teramo *Town* Italy 60 F8

Teresina *Town* Brazil 29 M3

Termiz *Town* Uzbekistan 85 I5

Termate *Town* Indonesia 97 K6

Terni *Town* Italy 60 E8

Teropil' *Town* Ukraine 68 G3

Terrassa *Town* Spain 59 M4

Terra Haute *Town* Indiana, US 13 K7

Teruel *Town* Spain 59 K5

Teseney *Town* Eritrea 38 F8

Tessalit *Town* Mali 41 J3

Tete *Town* Mozambique 45 I4

Tetouan *Town* Morocco 36 F3

Tevere *River* Italy 60 E8

Texarkana *Town* Texas, US 17 N5

Texas *State* US 17 L6

Teziutlán *Town* Mexico 19 K7

Thai Binh *Town* Vietnam 94 G7

Thailand *Country* 95 D9

Thailand, Gulf of Pacific Ocean 95 E11

Thai Nguyên *Town* Vietnam 94 G6

Thakhek *Town* Laos 94 F8

Thamarit *Town* Oman 83 G11

Thames *River* England, UK 51 G11

Thandwe *Town* Myanmar 94 B8

Thanh Hoa *Town* Vietnam 94 F7

Thar Desert Pakistan/India 86 F3

Thaton *Town* Myanmar 94 C8

Thayetmyo *Town* Myanmar 94 B7

The Fens *Physical region* England, UK 51 H9

Thessaloníki *see* Salonica

The Valley *Capital* Anguilla 23 N5

Thimphu *Capital* Bhutan 87 L3

Thiruvananthapuram *Town* India 86 H9

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Thracian Sea Greece 66 F8

Thun *Town* Switzerland 57 C11

Thunder Bay *Town* Ontario, Canada 6 E6

Thurso *Town* Scotland, UK 50 E3

Tianjin *Town* China 91 J3

Tianjin Shu *Administrative region* China 91 J3

Tianshui *Town* China 89 J6

Tiberias, Lake Israel 81 D10

Tibesti *Mountain range* Chad 42 E3

Tibet *Administrative region* China 88 F7

Tibet, Plateau of China 88 F6

Tichít *Town* Mauritania/China 40 G4

Ticul *Town* Mexico 19 O6

Tien Shan *Mountain range* Kyrgyzstan 85 L3

Tierra del Fuego *Region* Argentina/ Chile 31 D14

Tifu *Town* Indonesia 97 K7

Tighina *Town* Moldova 68 H6

Tigris *River* Iraq 82 C6

Tiguentourine *Town* Algeria 37 J6

Tijuana *Town* Mexico 18 C2

Tikal *Ancient site* Guatemala 20 E2

Tikhoretsk *Town* Russian Federation 73 C12

Tikhvin *Town* Russian Federation 72 C7

Tiksí *Town* Russian Federation 78 J4

Tilburg *Town* Netherlands 53 E10

Timaru *Town* New Zealand 107 D12

Timbedgha *Town* Mauritania 40 G5

Timbuktu *Town* Mali 41 I4

Timișoara *Town* Romania 68 D6

Timor Sea Asia/Australasia 97 J9

Tindouf *Town* Algeria 36 E6

Tirana *Capital* Albania 65 F11

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Tiraspol *Town* Moldova 68 H6

Tiroli *Region* Austria 57 F11

Tiruchirāppalli *Town* India 87 I8

Tisza *River* Hungary 63 F11

Titicaca, Lake Peru 27 D12

Tivoli *Town* Italy 61 E6

Tizi Ouzou *Town* Algeria 36 H3

Tiznit *Town* Morocco 36 E5

Tlaquepaque *Town* Mexico 19 I7

Tlaxcala *Town* Mexico 19 K8

Tlemcen *Town* Algeria 36 G4

Toamasina *Town* Madagascar 45 M5

Tobago *Island* Trinidad & Tobago 23 O8

Tobol'sk *Town* Russian Federation 78 G5

Tocantins, Rio *River* Brazil 29 K4

Tocopilla *Town* Chile 30 D4

Todi *Town* Italy 60 E8

Togo *Country* 41 J7

Tokar *Town* Sudan 38 F7

Tokat *Town* Turkey 76 H4

Tokelau *Dependent territory* New Zealand, Pacific Ocean 103 K6

Tokmak *Town* Kyrgyzstan 85 L3

Tokmak *Town* Ukraine 69 L5

Tokoroa *Town* New Zealand 106 G6

Tokushima *Town* Japan 93 D12

Tokyō *Capital* Japan 93 G10

Toledo *Town* Spain 59 L6

Tolida *Town* Italy 60 E4

Tolito *Town* Indonesia 97 J6

Tolmin *Town* Slovenia 57 G12

Toluca *Town* Mexico 19 J8

Tol'yatti *Town* Russia 73 E10

Tomakomai *Town* Japan 92 F5

Tomaszów Mazowiecki *Town* Poland 62 F7

Tombouctou *see* Timbuktu

Tomini, Gulf of Indonesia 97 J6

Tomsk *Town* Russian Federation 78 H6

Tonga *Country* 103 K7

Tongatapu Group *Island group* Tonga 103 J8

Tongchuan *Town* China 90 H4

Tonghe *Town* China 89 M2

Tongzi *Town* China 90 H6

Tongliao *Town* China 89 L3

Tongxin *Town* China 89 J6

Tongzi *Town* China 90 H6

Tonkin, Gulf of South China Sea 90 H9

Tönlé Sap *Lake* Cambodia 95 F10

Tonopah *Town* Nevada, US 14 H6

Tooele *Town* Utah, US 15 I5

Toowoomba *Town* Queensland, Australia 105 M6

Topeka *Town* Kansas, US 12 G7

Torez *Town* Ukraine 69 M5

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» Turkana, Lake – Walvis Bay

Turkana, Lake Kenya 39 F10
Turkistan *Town* Kazakhstan 78 F7
Turkey *Country* 76 F5
Türkmenabat *Town* Turkmenistan 84 H4
Türkmenbaşy *Town* Turkmenistan 84 D3
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