Columbian Exchange

We are crushed to the ground; we lie in ruins.
There is nothing but grief and suffering in Mexico and Tlatelolco, where once we saw beauty and valor.

—from "Flowers and Songs of Sorrow," anonymous Aztec poet, (c. 1521–1540)

Essential Question: What were the causes of the Columbian Exchange and its effects on the Eastern and Western Hemispheres?

As the excerpt from the poem above suggests, initial contact and the subsequent conquest and colonization of the Americas proved disastrous for the native peoples. Overpowered by superior weapons and decimated by disease, many native populations declined, dissipated, or were forced to submit to new rulers and a new religion.

Although European conquest seriously damaged entire native societies and their ways of life, eventually new ways of life developed out of the interaction of three broad traditions of culture: indigenous American, European, and African. In the process, the Eastern and Western Hemispheres became linked in a new way, sharing disease, foods, and animals. For the role Christopher Columbus played in establishing the link, these interactions became known as the Columbian Exchange.

The Columbian Exchange had far-reaching effects beyond dramatic changes in population and biodiversity. It also contributed to a changing global economy, sometimes with unintended consequences. For example, Spain successfully mined silver in the Americas. However, this silver sparked inflation in Spain, which contributed to the downfall of the Spanish Empire.

Diseases and Population Catastrophe

Until the arrival of Columbus, the peoples of the Western and Eastern Hemispheres had been almost completely isolated from each other. For that reason, the indigenous people of the Americas had no exposure—and therefore no immunity—to the germs and diseases brought by Europeans. Although European horses, gunpowder, and metal weapons helped conquer indigenous Americans, disease was responsible for the majority of deaths.
Spanish soldiers, called **conquistadores**, such as Francisco Pizarro and Hernán Cortés, brought **smallpox** with them. Smallpox pathogens are spread through the respiratory system. When Europeans, who were largely immune after millennia of exposure in Afro-Eurasia, had face-to-face contact with indigenous populations, they infected these populations with the deadly disease.

As colonists began to settle in the Americas, so did insects, rats, and other disease-carrying animals. Measles, influenza, and malaria, in addition to smallpox, also killed many native peoples of the Americas.

The indigenous population of the Americas fell by more than 50 percent through disease alone in less than a century. Some American lands lost up to 90 percent of their original populations. It was one of the greatest population disasters in human history.

![Image](source: Wikimedia Commons)

Deadly diseases such as smallpox that came from Europe spread rapidly in the Americas.

**Animals and Foods**

Germ and disease transmissions were only one part of the Columbian Exchange. Another major component of the exchange was the sharing of new crops and livestock in both directions. Before the exchange began around 1500, Mesoamerican peoples consumed very little meat. Although contemporary Mexican food sold in the United States is reliant on pork, beef, and cheese, the indigenous people of Mexico knew nothing of pigs or cows until Europeans introduced them. These animals, along with Mediterranean foods such as wheat and grapes, were introduced to the Western Hemisphere and eventually became staples of the American diet.

Another domesticated animal the Europeans brought to the Americas, the **horse**, transformed the culture of the American Indians living in the Plains region. With the arrival of the horse, Indians could hunt buffalo on horseback so efficiently—and over a larger region—that they had a surplus of food. That
efficiency gave them more time for other pursuits, such as art and spirituality. However, competition and even armed conflict among tribes increased, with those having the most horses having the most power.

At the same time, European explorers took back Mesoamerican maize (corn), potatoes, tomatoes, beans, peppers, and cacao to their home countries, where people started to grow them. Potatoes became so popular in Europe that they are often thought of as being native to certain regions, such as Ireland. The introduction of these vegetable crops caused tremendous population growth in Europe in the 16th and 17th centuries.

Cash Crops and Forced Labor

People themselves also became part of the exchange. The coerced arrival of enslaved Africans to the Americas brought biological and demographic changes. For example, Africans brought okra and rice with them to the Americas. Tobacco and cacao produced on American plantations with forced labor were sold to consumers in Europe, Africa, and the Middle East.

Even though slave traders kidnapped millions of Africans from their homelands, populations actually grew in Africa during the 16th and 17th centuries. That population growth happened because of the nutritious foods that were introduced to the continent. Yams and manioc, for example, were brought to Africa from Brazil.

The Lure of Sugar While Spain and Spanish America profited from silver, the Portuguese empire focused its endeavors on agriculture. Brazil, the center of the Portuguese-American empire, with its tropical climate and vast tracts of land, was perfect for sugarcane cultivation. As disease had decimated the indigenous population, however, there were not enough laborers available to do the cultivation. Moreover, many of the people who were forced to labor in the sugar fields escaped to the uncharted Brazilian jungle. In response, the Portuguese began to import enslaved people from Africa, especially from the Kongo Kingdom and cities on the Swahili coast.

Slavery Sugar’s profitability in European markets dramatically increased the number of Africans captured and sold through the transatlantic slave trade. Sugar cultivation in Brazil demanded the constant importation of African labor. African laborers were so numerous in Brazil that their descendants became the majority population of the region. Slave importers sent more than 90 percent of slaves to the Caribbean and South America. Only about 6 percent of slaves went to British North America. Until the mid-1800s, more Africans than Europeans went to the Americas.

Slaves often died from backbreaking working conditions, poor nutrition, lack of adequate shelter, and tropical heat and the diseases that accompanied such heat. Sugar plantations processed so much sugar that they were referred to as engenhos, which means “engines” in Portuguese. Because of the engenhos’ horrible working conditions, plantation owners lost from 5 to 10 percent of their labor force per year. Slavery is discussed in more detail in the Topic 4.4.
Growing Cash Crops The Spanish noticed Portugal's success with plantation agriculture and returned to the Caribbean to pursue cash crop cultivation, such as sugar and tobacco. Cash crops are grown for sale rather than subsistence. Soon, sugar eclipsed silver as the main moneymaker for the European empires. (Connect: Write a paragraph comparing the economic practices of Spain in the Americas and Portugal in South, Southwest, and Southeast Asia. See Topic 4.2.)

African Presence in the Americas

African cultures were not completely lost once captives arrived in the Americas. In fact, during the African Diaspora (dispersion of Africans out of Africa), enslaved Africans retained some aspects of their cultures.

Languages With a few exceptions, Africans were not able to transplant their languages to the Americas. The captives were forced away from their communities, and they soon found themselves on ships among captives from all across West Africa (and, on some slave ships, from across East Africa as well).

Since captives were taken from myriad African cultural groups, most did not share a common language. Understandably, they found it difficult, if not impossible, to communicate en route. Because of their linguistic isolation on the ships and in the Americas, most Africans lost their languages after a generation. In spite of this forced isolation from their cultures, West Africans managed to combine European colonizers' languages (English, Spanish, French, or Portuguese, for example) with parts of their West African languages and grammatical patterns to create new languages known broadly as creole.

Because the Caribbean islands had a larger concentration of enslaved Africans than did North America, creole languages dominate there even today. In the United States, which had a smaller percentage of Africans in comparison to the total population, few examples of creole languages exist. One notable exception is the Gullah or Geechee language of coastal South Carolina and Georgia, in places where slaves once composed 75 percent of the population.

Music Africans brought their music with them. The syncopated rhythms and percussion they used influenced later styles. These include gospel, blues, jazz, rock and roll, hip-hop, rap, samba, reggae, and country music.

One reason many African descendants maintained their musical traditions was because enslaved Africans in America used them as a means of survival, singing tunes from home to help them endure long workdays as well as to communicate with other slaves, such as when planning an escape. They blended European Christian music with their own religious songs, known today as Negro spirituals—essential elements of American folk music history. Enslaved people also invented the banjo, which is very similar to stringed instruments found in West Africa.
In addition to rice and okra, Africans brought their knowledge of how to prepare these foods. The dish known as **gumbo**, popular in the southern United States, has roots in African cooking. With influences on language, music, food, and much more, African culture has had a profound and lasting impact on life in the Americas.

### Columbian Exchange: Eastern Hemisphere to Western Hemisphere

<table>
<thead>
<tr>
<th>Type of Exchange</th>
<th>Examples</th>
<th>Effects on the Western Hemisphere</th>
</tr>
</thead>
</table>
| **Crops**        | Sugar, Wheat, Barley, Okra, Rice, Oranges, Grapes, Lettuce, Coffee | • Deforestation to make way for sugar, wheat, barley, okra, rice, and other crops  
                  |                              | • Soil depletion from growing the same crops repeatedly on the same land |
| **Animals**      | Horses, Oxen, Pigs, Cattle, Sheep, Goats, Mosquitoes, Rats, Chickens | • Overgrazing by cattle, sheep, and goats  
                  |                              | • Soil erosion because of overgrazing  
                  |                              | • Spread of diseases from mosquitoes, rats, and livestock |
| **People**       | Europeans, Africans          | • Racial diversity  
                  |                              | • Chattel slavery  
                  |                              | • Social structures based on race and ethnicity |
| **Diseases**     | Smallpox, Measles, Typhus, Bubonic plague, Influenza               | • Spread of disease  
                  |                              | • Millions of deaths among Native American populations |
| **Technology and Ideas** | Alphabetic writing, Firearms | • Improved communication  
                  |                              | • New methods for hunting and warfare |
Columbian Exchange: Western Hemisphere to Eastern Hemisphere

<table>
<thead>
<tr>
<th>Type of Exchange</th>
<th>Examples</th>
<th>Effects on the Eastern Hemisphere</th>
</tr>
</thead>
</table>
| Crops            | • Potatoes  
                   • Maize  
                   • Manioc  
                   • Tobacco  
                   • Cacao  
                   • Peanuts  | • Better nutrition  
                   • Increase in population  
                   • Greater wealth  |
| Animals          | • Turkeys  
                   • Llamas  
                   • Alpacas  
                   • Guinea pigs  | • More diverse diet  
                   • New types of textiles  |
| Diseases         | • Syphilis  | • Increased health risks  |
| People           | • Native Americans  | • Ethnic diversity  |
| Technology and Ideas | • Rubber  
                   • Quinine  | • Rubber was first used as an eraser  
                   • Quinine provided a treatment for malaria  |

Environmental and Demographic Impact

Contact between Afro-Eurasia and the Americas brought dramatic changes to both. Most changes resulted from the Columbian Exchange. In addition, though, Europeans used agricultural land more intensively than did American Indians. For example, colonists cut down trees to clear areas for planting crops, and they created large fields that they cultivated year after year. As a result, deforestation and soil depletion became problems in the Americas. In addition, Europeans often lived in more densely populated communities than did American Indians. This increased the strain on water resources and created more concentrated areas of pollution.

KEY TERMS BY THEME

| ENVIRONMENT: Disease | smallpox |
| ENVIRONMENT: Animals | horse |
| GOVERNMENT: Empire | conquistadores |
| ENVIRONMENT: Foods | maize  
                   cacao  
                   okra  
                   rice  
                   sugarcane |
| CULTURE: African | creole  
                   gumbo |
| ECONOMY: Exchanges | Columbian Exchange  
                   transatlantic slave trade  
                   engenhos  
                   cash crop |
| SOCIETY: Population | African Diaspora |
MULTIPLE-CHOICE QUESTIONS

Questions 1 to 3 refer to the passage below.

"And so at the rumor of the rich deposits of mercury . . . in the years 1570 and 1571, they started the construction of the town of Huancavelica de Oropesa in a pleasant valley at the foot of the range. It contains 400 Spanish residents, as well as many temporary shops of dealers in merchandise and groceries, heads of trading houses, and transients, for the town has a lively commerce. . . . Up on the range there are 3,000 or 4,000 Indians working in the mine. . . . The ore was very rich black flint . . . and when they have filled their little sacks, the poor fellows, loaded down with ore, climb up those ladders or rigging, some like masts and others like cables, and so trying and distressing that a man empty-handed can hardly get up them.”

Antonio Vázquez de Espinosa, Compendium and Description of the West Indies, 1622

1. The excerpt implies that Espinosa felt
   (A) sympathy for those working in the mine
   (B) loyal to the Spanish government
   (C) concerned for the souls of the indigenous population
   (D) interested primarily in making profits from the mine

2. The system for using Indian labor described in the passage was most similar to the system of labor used
   (A) on indentured servants in the British North American colonies
   (B) in the bureaucracy in Tang China
   (C) in early capitalism in Western Europe
   (D) by merchants in the trans-Saharan salt trade

3. What impact did the products of mines described in the passage, along with metals extracted from other mines, have on Spain and the rest of the world?
   (A) It enabled the Spanish navy to defeat the English navy in 1588.
   (B) It resulted in inflation and a worldwide devaluation of silver.
   (C) It caused gold to become the new form of worldwide currency.
   (D) It allowed many South Americans to move to Europe.
1. Use the passages below to answer all parts of the question that follows.

"On the evening of October 11, 1492... The two worlds [Old and New world], which God had cast asunder, were reunited, and the two worlds, which were so very different, began on that day to become alike. That trend toward biological homogeneity is one of the most important aspects of the history of life on this planet since the retreat of the continental glaciers."

Alfred W. Crosby Jr., *The Columbian Exchange: Biological and Cultural Consequences of 1492* (1972)

"Maize was the most important grain of the American Indians in 1491, and it is one of the most important grain sources in the world right now. It is a standard crop of people not only throughout the Americas, but also southern Europe. It is a staple for the Chinese. It is a staple in Indonesia, throughout large areas of Africa. If suddenly American Indian crops would not grow in all of the world, it would be an ecological tragedy. It would be the slaughter of a very large portion of the human race."

Alfred W. Crosby Jr., Smithsonian.com, October 4, 2011

(A) Describe Crosby's argument about the interactions that occurred between the Americas and Europe/Africa in the period c. 1450–c. 1750.

(B) Explain ONE way in which the biological impact referred to in the passage differed from other encounters between the Americas and Europe/Africa in the period c. 1450–c. 1750.

(C) Explain ONE historical situation in the period 1450–1750, other than the one illustrated in the passage, in which states experienced environmental impact.

2. Answer all parts of the question that follows.

(A) Explain ONE way in which disease transformed the Americas, Africa, and Europe in the period c. 1450–c. 1750.

(B) Explain ONE way in which commodities affected economies in the Americas, Africa, and Europe in the period c. 1450–c. 1750.

(C) Explain ONE way in which European practices affected the environment in the Americas in the period c. 1450–c. 1750.
THINK AS A HISTORIAN: IDENTIFY EVIDENCE IN AN ARGUMENT

Historians develop arguments to explain and interpret the past. They develop claims—statements that express the assertions they make—and they support their claims with evidence.

Reread the second passage by Alfred W. Crosby Jr. in question 1 on the previous page. Then answer these questions.

1. What claim(s) does Crosby make in this passage?
2. Identify five pieces of evidence Crosby uses to back up his claims.

REFLECT ON THE TOPIC ESSENTIAL QUESTION

1. In one to three paragraphs, explain the causes of the Columbian Exchange and its effects on the Eastern and Western Hemispheres.

Source: Getty Images

Maize is one of the most important grain sources in the world today.
Maritime Empires

Link Regions

You grow your peanuts
And plenty millet
The king sets a hand on everything
And says it is not yours anymore!
In the deepest of your sleep
The king beats his drum
And says wake up!
You are not free anymore –
—Anonymous West African griot (storyteller) song

Essential Question: How were the empires of European states established between 1450 to 1750, and what economic and labor systems fueled them?

European nations, driven largely by political, religious, and economic rivalries, established new maritime empires and administered trading posts in Asia and Africa and colonies in the Americas. Asian trade frequently exchanged silver and gold for luxury goods such as silk and spices, while newly developed colonial economies in the Americas often depended on agriculture.

American plantations relied on existing labor systems and also introduced new labor systems. Among these were indentured servitude, arrangements through which servants contracted to work for a specified period of years in exchange for passage. Another was chattel slavery, a system in which individuals were considered as property to be bought and sold. The appalling shock of free people being seized and enslaved is captured in the griot (storyteller) song of the West African Wolof people. The growth of the plantation economy increased the demand for slaves in the Americas, leading to significant demographic, social, and cultural changes.

State-Building and Empire Expansion

The explorations of European states (see Topic 4.2) were the foundation of maritime empires. States claimed lands and established the basis of an empire in the areas they explored.
Trading Posts in Africa and Asia

Certain regions of East and West Africa were the targets of European conquest during the late 15th century. Portuguese ruler Prince Henry the Navigator was keenly interested in navigational technology. (See Topic 4.2.) He financed expeditions along Africa’s Atlantic Coast and around the Cape of Good Hope, exploring African coastal communities before other European powers.

With the cooperation of local rulers, first Portuguese and then other European traders set up trading posts along Africa’s coasts. Some local rulers traded slaves to the Europeans in exchange for gunpowder and cannons, giving those coastal governments a military advantage when battling neighboring villages. Some African city-states grew wealthy by selling enslaved Africans to Europeans. In particular, the Kingdom of Dahomey grew stronger because it raided other villages to enslave people, and sold them to European merchants.

African States In central West Africa, Portuguese explorers, traders, and missionaries made inroads into the Kongo and Benin kingdoms. Artwork from these societies bears signs of European as well as African cultural influences. As early as the 16th century, Benin artisans incorporated images of the European “intruder” into their carvings and sculptures. Yet the expansion of maritime trading networks supported the growth of some African states, including the Asante Empire and the Kingdom of the Kongo. Their participation in trade led to an increase in their influence.

In 1498, Portuguese explorer Vasco da Gama (see Topic 4.1) invaded the Swahili city-states of East Africa, most of which were thriving commercial centers in the Indian Ocean trade. The Portuguese took over trade in Kilwa, Mombasa, and other city-states by sending heavily armed ships and building fortresses. This takeover threw the region into a devastating decline.

Japan Just as European states were expanding their trade networks, Japan was sharply restricting its networks. Japan had tolerated the first Portuguese and Dutch traders and missionaries in the mid-16th century. Thousands of Japanese converted to Christianity. Some Christians, intolerant of other faiths, destroyed Buddhist shrines. In response, in 1587, the Japanese government banned Christian worship services. Over the next 40 years, Japan took additional steps to persecute Christians and limit foreign influences. By the 1630s, the government had expelled nearly all foreigners, banned most foreign books, and prohibited Japanese people from traveling abroad.

For more than two centuries, Japan was partially isolated from the rest of the world. They allowed some Dutch merchants to live on a small island in Nagasaki harbor, in almost total seclusion. In addition, Japan continued some trade with the Chinese, mostly carried out by regional lords who were far from the capital city with easy access by sea to Korea, Taiwan, and Okinawa. The Japanese thought that they were through with the “uncouth” Europeans. However, Europeans and Americans would return in the mid-19th century.

China After the voyages of Zheng He in the 15th century, the Ming Dynasty tried to limit outside influence on China by restricting trade. The
Ming prohibited private foreign trade, destroyed some dockyards, limited the size of ships that could be built, and began reconstructing the Great Wall. These changes were part of a broader pattern of conservatism under the Ming to undo the influence of the Mongol Yuan Dynasty that ruled China before them. For example, the Ming reemphasized the importance of Confucianism and reinvigorated the traditional exam system. Many of the limits on trade were eventually reversed, and China resumed its important role in global trade.

**European Rivalries on Five Continents**

European rivalries fueled by political, economic, and religious motives shaped the expansion of empires. Several powers established trading posts in India:

- The British East India Company had begun a commercial relationship with the Mughal Empire in the 17th century.
- Portugal controlled a coastal trading post in the southwestern state of Goa.
- France controlled Pondicherry, a city in the southeastern state of Tamil Nadu.

During the mid-18th century, France and Great Britain, along with their respective allies, competed for power on five continents in the Seven Years' War. Britain's victory in that war in 1763 drove the French out of India. The Portuguese remained in India until driven out in the mid-20th century.

**British in India** At first, British trading posts in India were typical of those established by Europeans in India and elsewhere. The East India Company (EIC) established small forts on the coasts that focused solely on making a profit through trade. Limited by the power of India's Mughal Empire, the EIC posts controlled very little territory.

However, the EIC then began to expand. It took advantage of the tensions between Muslims and Hindus in India and began to increase its political power through treaties with local rulers. With the help of European-trained Indian private forces called sepoys, the East India Company moved inland, spreading its influence. Ultimately, Britain intervened in India politically and militarily to such an extent that it controlled much of the subcontinent.

**The British Global Network** The British also set up trading posts in West Africa, where the Asante Empire limited their impact. Trading posts in Africa, India, and elsewhere paved the way for globalization. Each post became a node, an intersection of multiple points serving as a trade center for goods from many parts of the world.

**Europeans in the Americas**

Before the arrival of Europeans in the late 15th century, the Aztec Empire in Mexico and the Inca Empire in South America each included 10 million to 15 million people. However, the spread of European diseases caused their populations to plummet. Both empires collapsed quickly when attacked by Spanish forces.
In Mexico, helped by groups that the Aztecs had conquered, Cortés’s forces overthrew the Aztec by 1521 and established the colony of New Spain. The Spaniards melted down the Aztecs’ treasures and sent the gold back home. They destroyed Tenochtitlán and built their own capital, Mexico City, on its ruins.

In the Andes of South America, Francisco Pizarro and his crew attacked the Inca and captured their ruler, Atahualpa. Pizarro offered to release Atahualpa if the Inca would fill a large room with gold. The Inca complied. However, in 1533 the Spanish killed Atahualpa anyway. By 1572, the Spaniards had completed their conquest of the Inca Empire.

**Spain Versus Portugal** In the Treaty of Tordesillas of 1494, Spain and Portugal divided the Americas between them. Spain reserved all lands to the west of a meridian that went through eastern South America. Portugal reserved all lands east of this line. This arrangement put Brazil under Portugal’s rule, while Spain claimed the rest of the Americas.

---

Spanish and Portuguese Colonies, c. 1600

[Map of Spanish and Portuguese colonies in the Americas, showing the division of territories between Spain and Portugal.]

---

**Treaty of Tordesillas, 1494**
In addition to establishing colonies in Mesoamerica and South America, Spain explored other parts of North America north of present-day Mexico. The explorer Pedro Menéndez de Avilés established a fort in St. Augustine on the east coast of Florida in 1565, which became the oldest continuous settlement in what later became the United States. Spain would not be able to control all of North America, however, because the French, British, and Dutch later made claims and settlements there.

**France Versus Britain**  France and Britain continued to vie for dominance in North America. As British settlers moved into former Dutch territory in upper New York, they began to form ties with the powerful Iroquois, who had been in conflict with the French over trade issues for decades. The British hoped that the Iroquois could frustrate French trade interests. Over time, the Iroquois began to realize that the British posed more of a threat than the French. In a shift of alliances, the Iroquois and French signed a peace treaty known as the Great Peace of Montreal in 1701. In the same war in which Britain drove France out of India, the British drove France out of Canada as well. The North American portion of this war is sometimes called the French and Indian War.

---

**Continuity and Change in Economic Systems**

Although the intensification of trade and the increasing influence of Europeans brought some disruption to the Indian Ocean trading networks, on the whole, the system absorbed the changes and continued its familiar ways of doing business. Merchants in the Indian Ocean networks were used to paying taxes and fees to states controlling sea lanes and ports and operated often through
religions and ethnic ties. They did not use arms to protect their trade, and if the fees in one trading center became too high, they were free to move elsewhere.

**Europeans in the Indian Ocean Trade** The Portuguese, however, arrived with superior naval forces, religious zeal, and a determination to profit from the increasingly diverse products being traded, both from Asia to Europe and also within Asia. In addition to porcelain and silk from China, cloth from Gujarati weavers in western India, agricultural goods from Java, and spices from many places created an abundant market for trade and profit. In contrast to the ethnic and religious trading ties developed over hundreds of years, the Portuguese used their military superiority to take control of trade, creating a string of armed trading posts along the trade routes of the Indian Ocean. In 1509, for example, the Portuguese had a decisive victory in the Battle of Diu in the Arabian Sea over the combined forces of Gujaratis, the Mamluks of Egypt, and the Zamorin of Calicut with the support of Venice, Portugal's European competitor.

Despite the differences between the traditional trading networks and those controlled by European powers, merchants in the Indian Ocean trade networks continued as before in many ways—paying for the right to use certain ports or passageways and developing trade links through traditional networks.

**Spain and Gold in the Americas** The Western European search for profit began with Columbus. On his first voyage, he was convinced that gold was plentiful on **Hispaniola**, the name he gave the island now occupied by Haiti and the Dominican Republic. But gold was sparse in the Caribbean. Desiring to return home with something valuable, Columbus and his crew kidnapped Tainos, indigenous peoples, and took them, enslaved, to Spain.

In the early 1500s, the Spanish established a system called the **encomienda** to gain access to gold and other resources of the Americas. **Encomenderos**, or landowners, compelled indigenous people to work for them in exchange for food and shelter, as landowners required of serfs in Europe's manorial system. This **coercive labor system** was notorious for its brutality and harsh living conditions.

The Spanish crown often granted land to **conquistadores** as a reward for their efforts. The **hacienda system** arose when landowners developed agriculture on their lands—wheat, fruit, vegetables, and sugar. They used coerced labor to work the fields.

**Silver** While gold did not yield riches for Spanish conquistadores, the discovery of **silver** in Mexico and Peru revived economic fortunes—for both individual explorers and Spain. The use of mercury to separate silver from its ore increased the profitability of silver mining. By the end of the 16th century, the cities of Zacatecas, in Mexico, and especially Potosí, in the Andes Mountains in modern-day Peru, became thriving centers of silver mining. For this industry to flourish, Spanish prospectors needed labor. The indigenous populations would do all but the most dangerous work in the mines. In response, Spanish authorities in Peru transformed the traditional
Inca mit’a system of labor obligation, in which young men were required to devote a certain amount of labor to public works projects, into a coerced labor system. Villages were compelled to send a percentage of their male population to do the dangerous work in the mines for a paltry wage.

**Silver and Mercantilism** The silver trade not only made individual Spanish prospectors wealthy, it also strengthened the Spanish economy. European powers at the time were adopting mercantilism, an economic system that increased government control of the economy through high tariffs and the establishment of colonies, claimed lands settled by immigrants from the home country. In the case of Spain, the main purpose of the colonies in the Americas was to supply as much gold and silver as possible.

Another way to increase national wealth, according to the mercantilist system, was for a colonizing country to export more than it imported. A percentage of overseas silver production went directly to the Spanish crown. The empire used this wealth to build up the military and establish foreign trade.

**Continuity and Change in Labor Systems**

Different regions and different economies used different labor systems.

<table>
<thead>
<tr>
<th>Types of Labor in the Early Modern Period</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Laborer</strong></td>
</tr>
<tr>
<td>Slave</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Serf</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Indentured Servant</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Free Peasant</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Nomad</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Guild Member</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
During this era, Europeans sought sources of inexpensive labor in the Americas. Western European countries such as Portugal, Spain, and England were developing their naval technology, but Portugal was ahead of the others. In West Africa during the latter part of the 1400s, Portuguese trading fleets arrived in the Kingdom of the Kongo seeking slaves. Initially they took the enslaved Africans back to Europe to work as domestic servants.

Slavery existed in Africa—including the extensive enslavement of women as household workers—well before Europeans sought labor for their investments in the Americas. For example, in many societies, the entire community shared the land. In order to establish positions of wealth and power, individuals not only showcased the property they owned, but also showcased the enslaved people they owned.

Europeans were also not the first foreigners to seek out African labor. Arab merchants during the Postclassical Era (600–1450) often bought enslaved people during their travels to the Swahili Coast of East Africa. However, it was the Atlantic slave trade that wreaked the most havoc on African societies. Why Africans? Several factors converged to make Africa a target for slave raids by Europeans after 1450. Slavery in Latin America and the Caribbean began toward the end of the 16th century, when European conquistadores sought fortunes in gold, silver, and sugar. Land was plentiful, but labor to make the land profitable was scarce.

Europeans initially forced indigenous people to do the hard labor of mining and farming, but European diseases wiped out large portions of these coerced laborers. The indigenous slaves who survived often escaped bondage because, in comparison with the Europeans, they were more familiar with the territory, had social networks that could protect them, and could easily camouflage themselves within the native population. Repeated efforts to enslave Native Americans failed, although other efforts to coerce labor did have some success.

Labor for Plantations In North America, plantation owners recruited European indentured servants who would come to work, mostly to grow tobacco, for a specified period in exchange for passage, room, and board. However, most of these people were not used to the backbreaking agricultural working conditions and the climate of the Americas. In addition, indentured servants were required to work for only about seven years. If they survived their indenture, they became free laborers. Thus, landowners did not think of indigenous captives and European indentured servants as ideal workers.

Capture and Shipment of Slaves to the Americas Capturing Africans for slavery was invariably violent. When African leaders along the coast realized that their kingdoms could economically benefit from the slave trade, they invaded neighboring societies in a quest for slaves to take back to the coast. At times, African rulers were also willing to hand over individuals from the lower rungs of their own societies, such as prisoners of war, servants, or criminals.
However, King Afonso of Kongo understood that slave raids were not easily controllable. Though he had initially allowed slave trading in his kingdom, he had no intention of giving up his society’s elite to slavery, nor did he want Kongo to be depopulated. King Afonso also saw that his authority was undermined because his subjects were able to trade slaves for European goods without his involvement. Before the Europeans came, he had been able to control all trade in his domain.

The Horrors of the Journey Captive Africans, swept away from their families, were taken to holding pens in West Africa known as barracoons, or “slave castles.” The modern country of Ghana has preserved these “Points of No Return,” where thousands upon thousands of Africans saw their homeland for the last time. Today, people can visit one such holding prison—the so-called House of Slaves on Ile de Gorée (Gorée Island), on the coast of Senegal.

From these holding pens, slave traders next crammed their captives into the dank cargo section of a ship, providing them little water, food, or even room for movement. The grueling journey across the Atlantic was known as the Middle Passage, because it was the middle part of the captives’ journey. Many captured Africans attempted rebellions at sea, but most uprisings were crushed.

During the journey to the Americas, which usually took about six weeks, up to half of a ship’s captives might die. Over the hundreds of years of the Atlantic slave trade, from the early 1500s to the mid-19th century, 10 to 15 percent of all African captives perished before reaching the Americas. (Connect: Write an outline of the effects of the Atlantic slave trade on Africa. See Topic 4.3.)
**Demographic, Social, and Cultural Changes**

The growth of the plantation economy and the expansion of slavery in the Americas led to significant changes that affected not only countless individual lives but also broad patterns of history. The physical migration of captives had significant impact on the demographics of both their African homes and the countries of their captivity. The exportation of enslaved people that was required to keep the population continuing in the country of captivity caused a century-long decline in population in African home countries.

In addition to physical migration, slavery resulted in a migration of status, from free person to enslaved, setting up social classes that remain influential in post-slavery countries. Further, it disrupted family organization, since families were often separated, and more men than women were taken captive. Polygyny (having more than one wife) became more common. With people treated as commodities, as chattel slavery, social and family groupings were determined more by supply and demand than by the familial bonds of kinship.

Each region in which slavery was introduced was affected in a unique way. However, in all of them, people with African roots helped shape and enrich the language and culture of the societies into which they were brought. The mixing of ethnic groups resulted in new groups of multiracial people, such as mestizos and mulattos.

**The Indian Ocean Slave Trade**

While most Africans who were enslaved and transported to the Americas came from west and central Africa, there was a long-running slave trade in the eastern part of the continent. By routes overland or in the Indian Ocean, slaves from eastern Africa were sold to buyers in northern Africa, the Middle East, and India. Many were transported to the islands off the southeast coast of Africa, such as Madagascar. The trade reached its peak in the 18th and 19th centuries.
Slaves taken in the Indian Ocean trade suffered different fates from those taken across the Atlantic. Slaves in the Indian Ocean were more likely to work in seaports as laborers in the shipping industry and as household servants. Some worked as sailors or even soldiers. Living in towns or cities, they had some opportunity to develop communities and to work alongside free laborers. Slaves who ended up in Islamic communities had certain rights, such as the right to marry. As a result of the Indian Ocean slave trade, African words, musical styles, and customs can be found in Oman, India, and elsewhere.

**KEY TERMS BY THEME**

**GOVERNMENT:** African States
- Asante Empire
- Kingdom of the Kongo

**GOVERNMENT:** Americas
- Aztec Empire
- Inca Empire
- New Spain
- Mexico City
- Francisco Pizarro
- Atahualpa
- Treaty of Tordesillas
- Hispaniola
- conquistadores

**ECONOMY:** Economic Systems
- mercantilism
- colonies

**ECONOMY:** Labor Systems
- indentured servitude
- chattel slavery
- encomienda
- encomenderos
- coercive labor system
- hacienda system
- mit'a system
- Middle Passage

**ECONOMY:** Products
- silver
MULTIPLE-CHOICE QUESTIONS

Questions 1 to 3 refer to the image below.

Source: Oil on canvas. 1760. Juan Patricio Mokiele Ruiz (1713-1772) Gift of the 2011 Collectors Committee / LACMA

A Spanish colonist, an American Indian woman, and their child

1. This painting probably represents a family in Latin America rather than one in British North America because Latin American families were more likely to
   (A) have young children living with them
   (B) wear formal clothing with lace
   (C) consist of a European man and a native woman
   (D) include a husband and a wife of similar ages

2. Why would the family portrayed in this painting have been rarer to find in a French colony than in other European colonies?
   (A) The French developed worse relationships with Native Americans.
   (B) French settlers were less likely to settle permanently in one place.
   (C) The French had a strict ban on marriage with Native Americans.
   (D) French settlers were usually females rather than males.
3. Which of the following best describes the cultural exchange represented in the painting?
   (A) The colonist has adopted aspects of the culture of the woman.
   (B) The child likely speaks Spanish.
   (C) The woman is raising her child in the traditions of her culture.
   (D) The woman has adopted aspects of the culture of the colonist.

SHORT-ANSWER QUESTIONS

1. Use the passage below to answer all parts of the question that follows.

   "The widespread use of slavery was a systematic Spanish adaptation on
   the north Mexican frontier wherever nomadic Indians were encountered.
   Almost at the very moment that the New Laws (1542) made slavery illegal
   in Mesoamerican Mexico, the Mixtón War (1541-1542) in Nueva Galicia
   provided the initial reason for retaining the practice legally on the frontier
   for generations. The discovery of silver at Zacatecas sealed the fate of
   Spanish-Indian relations not only on the Gran Chichimeca, but throughout
   most of the North. The inevitable resistance by hunter-gatherers to Spanish
   domination, the shortage of labor, and the semiautonomous political power
   wielded by provincial and local authorities insured the survival of slavery and
   encomienda in northern New Spain into the eighteenth century.”


   (A) Explain Cuello’s argument in the passage.
   (B) Explain ONE way in which the treatment of slaves in Mexico was
different from the treatment of slaves taken in the Indian Ocean
trade in the period 1450–1750.
   (C) Explain ONE historical situation in the period 1450–1750, other
   than the one illustrated in the passage, in which European states
   transformed the lives of colonized states.

2. Answer all parts of the question that follows.

   (A) Describe ONE economic impact that the mit’a system had on
   Europe in the period c. 1450–c. 1750.
   (B) Explain ONE similarity between the trade in the Indian Ocean
   networks before the arrival of the Portuguese and the trade after
   their arrival c. 1450–c. 1750.
   (C) Explain ONE difference between the economic development of
   Portugal and the economic development of China in the period
   c. 1450–c. 1750.
One way to determine the accuracy of historical sources is to identify their purpose. However, their stated purpose is not necessarily their real purpose. Identifying their intended audience can help pin down the purpose of sources.

Spanish historian, reformer, and later Dominican Friar Bartolomé de las Casas (c. 1484–1566) wrote what he referred to as eyewitness accounts of the suffering the Spaniards inflicted on the indigenous people. The following passage is from *A Brief Account of the Destruction of the Indies* published in Seville in 1552. Las Casas had used his observations to help pass the so-called New Laws in 1542, which outlawed forcing indigenous people into slavery and attempted to ban the system of encomienda.

“In the Year 1509, the Spaniards sailed to the Islands of St. John and Jamaica . . . with the same purpose and design they proposed to themselves in the Isle of Hispaniola, perpetrating innumerable Robberies and Villanies as before; whereunto they added unheard of Cruelties . . . and Finally by afflicting and harasing them with un-exampled Oppressions and tormentes in the Mines, they spoiled and unpeopled this Contrey [country] of these Innocents. These two Isles containing six hundred thousand at least, though at this day there are scarce two hundred men to be found in either of them, the remainder perishing without the knowledge of Christian Faith or Sacrament.”

Answer the following questions to help understand how the intended audience can reveal an author’s purpose.

1. For what audience did Las Casas write these accounts? What does that audience suggest about his purpose for writing?

2. Suppose these accounts had been written by a visitor from a competing European power eager to remove the Spanish from the Americas and take over the land for itself. What might be that author’s audience and purpose?

3. Read the historical perspectives on the brutality of the Spanish on page 265. Then in a sentence or two explain the role of identifying purpose and audience in determining the accuracy of a historical source, referring to specific examples from that page.

**Reflect on the Topic Essential Question**

1. In one to three paragraphs, explain how the empires of European states were established between 1450 to 1750 and what economic and labor systems fueled them.