



# ***Chapter 14-A***

## ***Europe & World New Encounters***



**Wayne E. Sirmon**

**HI 101 – Western Civilization**

# HI-101 Western Civilization I

<b>Nov. 30</b>	<b>Article Review Four (if needed) – DUE</b>
<b>Dec 1</b>	<b>On-Line Quiz (Ch. 14)</b>
<b>Dec 6</b>	<b>Review Session - TBD</b>
<b>Dec. 7</b>	<b>Final Exam (Ch. 13-14)</b>

## Chapter 14 – *Europe & World New Encounters*

Why the push for a sea route to the Far East?



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## Chapter 14 — *Europe & World New Encounters*

Why was it so hard to sail around Africa?

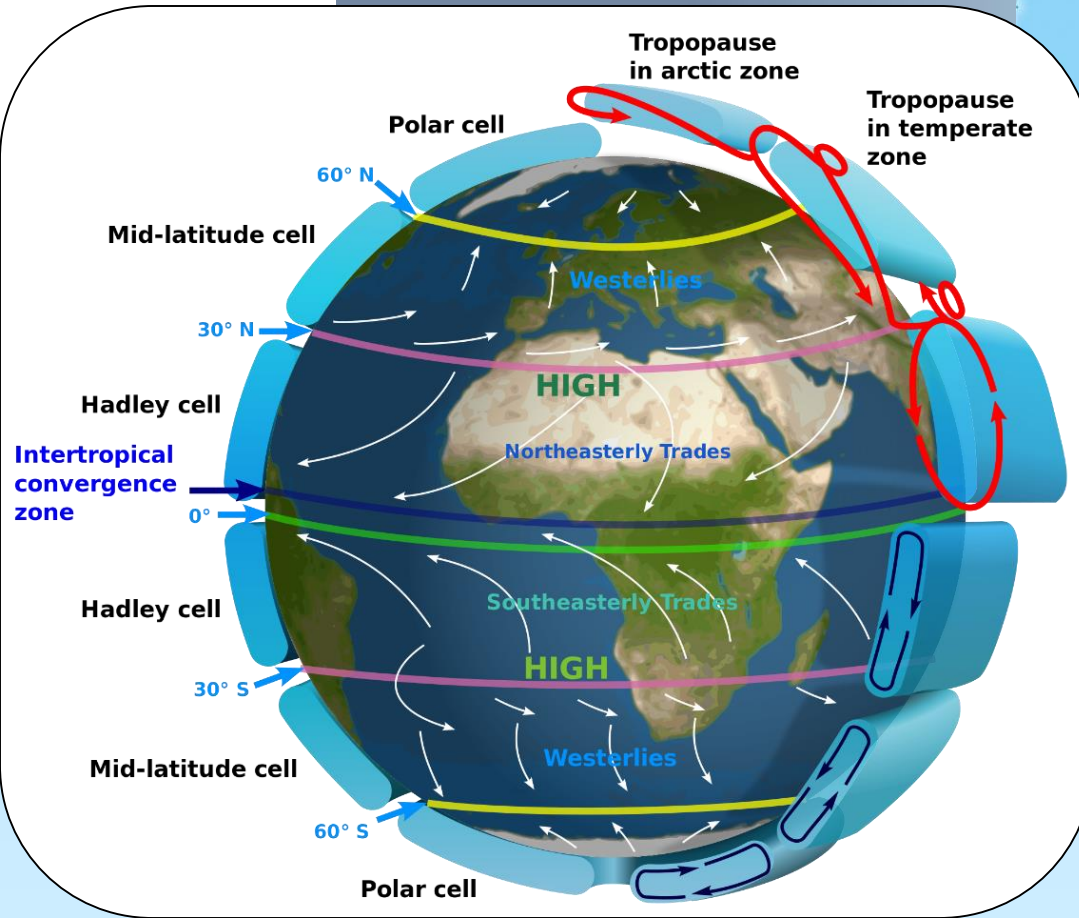
### Portuguese Voyages



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## Chapter 14 — *Europe & World New Encounters*

Why was it so hard to sail around Africa?



Portuguese Voyages



## Chapter 14 – *Europe & World New Encounters*

### Advances in Technology

#### Firearms Manufacture

- Not a factor at first,
- Cannon impressed natives
  - but give it 100 years



#### Shipbuilding

- Galleys out, Caravel in



#### Navigation

- Compass, Astrolabe
- (a clock would have been nice)

## Chapter 14 – *Europe & World New Encounters*

# Shipbuilding

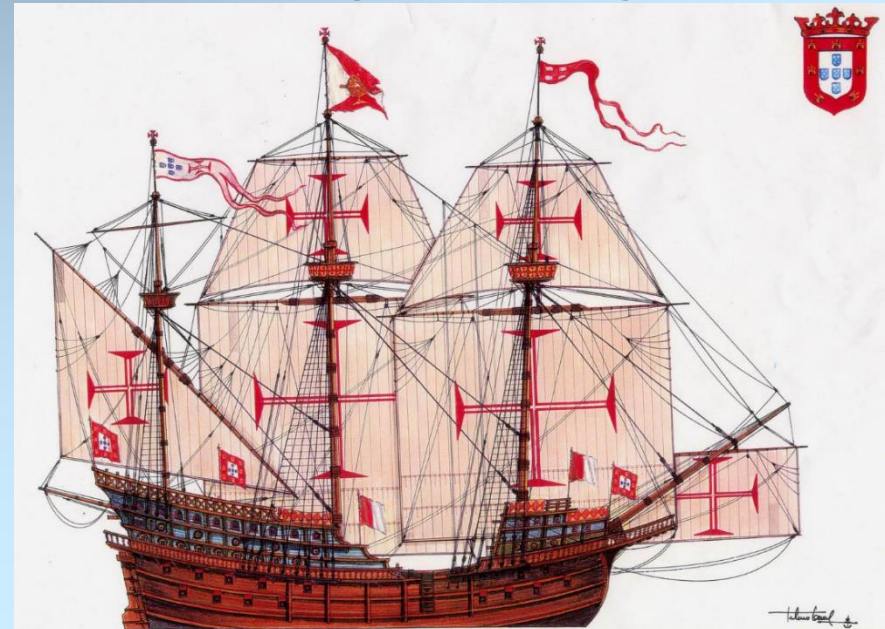
CARAVEL – latten and square rigged sails



GALLEY - oars



CARRACK – larger, more cargo and sails



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### Shipbuilding

Niña – caravel – 50 ft long, 7 ft draft, 16 ft beam  
crew of 24

Pinta – caravel – 56 ft long, 8 ft draft, 18 ft beam  
crew of 26

Santa María – carrack - 62 ft long, 10 ft draft  
18 ft beam, crew of 40





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## Chapter 14 – *Europe & World New Encounters*

### Niña

caravel – 50 ft long, 7 ft draft, 16 ft beam  
crew of 24



### Hunter 50 AC

49.92 ft long, 7.00 ft draft, 14.75 ft. beam

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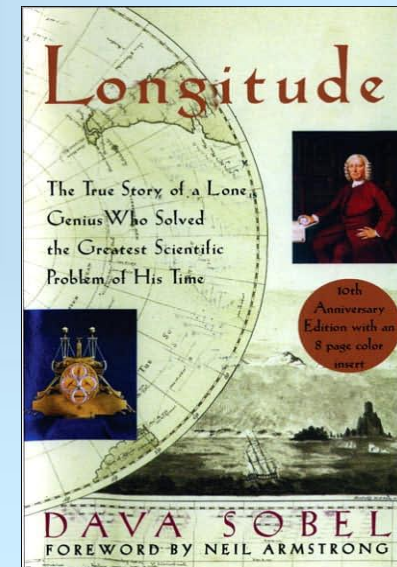
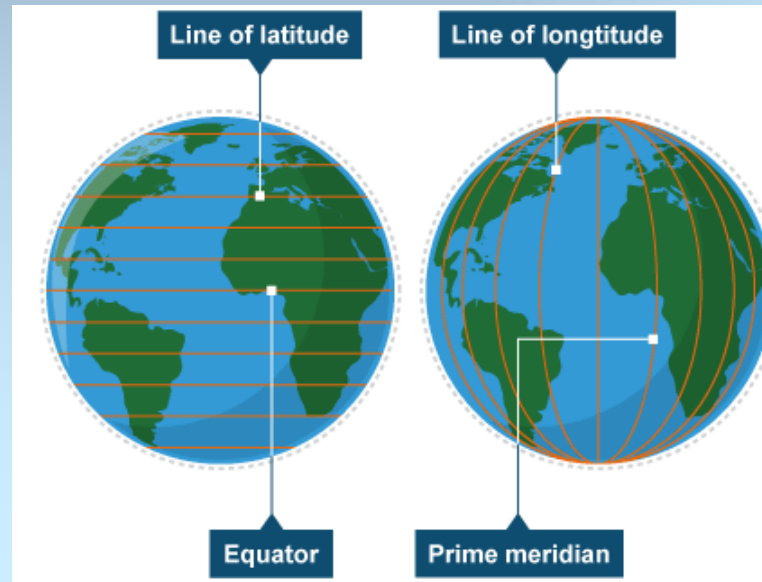
# Navigation

Compass – direction

Astrolabe – position - latitude only

Dead Reckoning – guess speed & distance

Marine Chronometer – not until 1761



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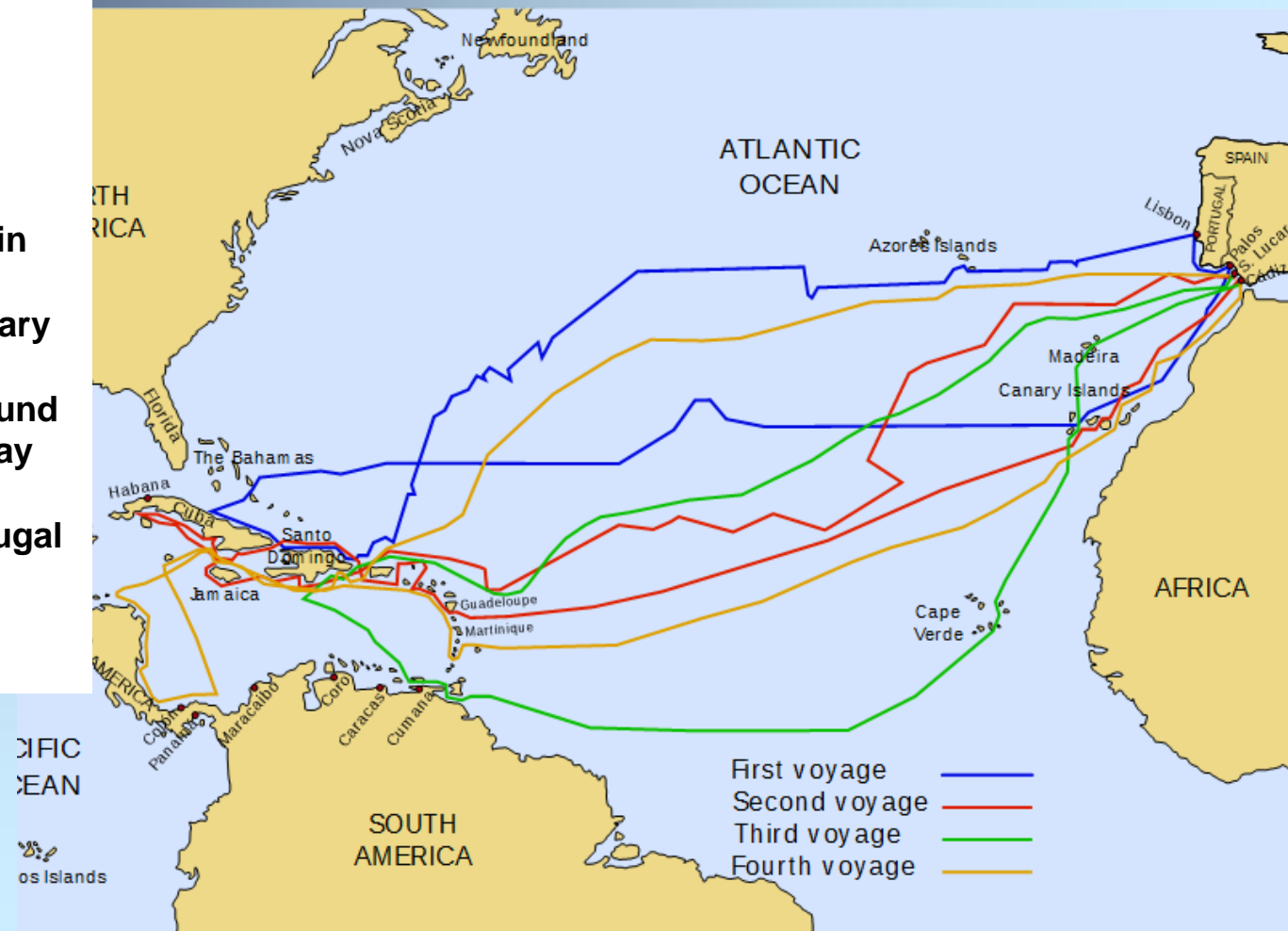
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### Christopher Columbus

3 ships  
90 men

Aug 3, 1492 depart Spain  
Aug 9, 1492 Canary  
Sep 6, 1492 depart Canary  
Oct 12, 1492 Land  
Dec 25, 1492 St. M. aground  
—40 men stay  
Jan 15, 1493 depart  
Mar 5, 1493 arrive Portugal

34 days – no land

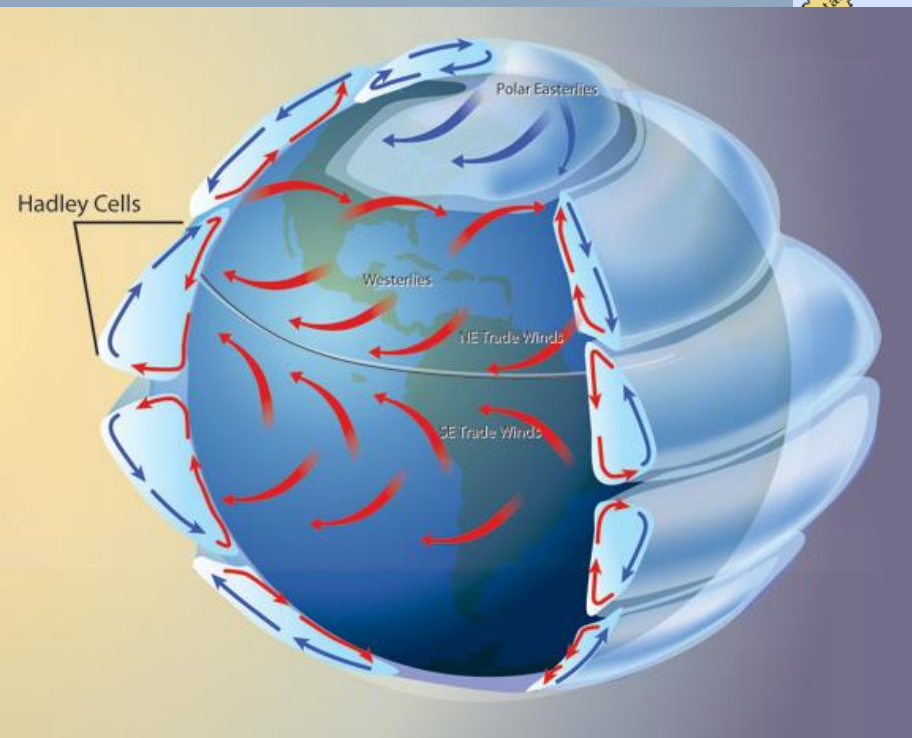
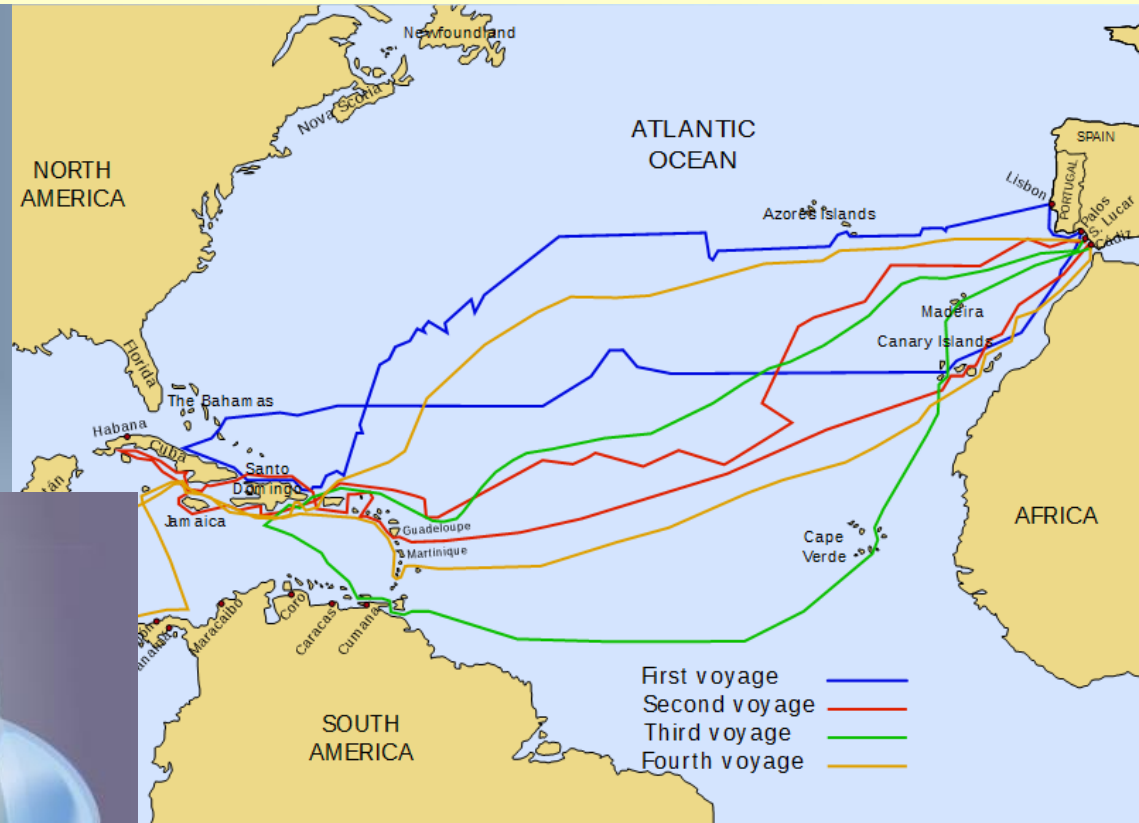


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## Chapter 14 — *Europe & World New Encounters*

**Christopher  
Columbus**

**Go where the wind blows**

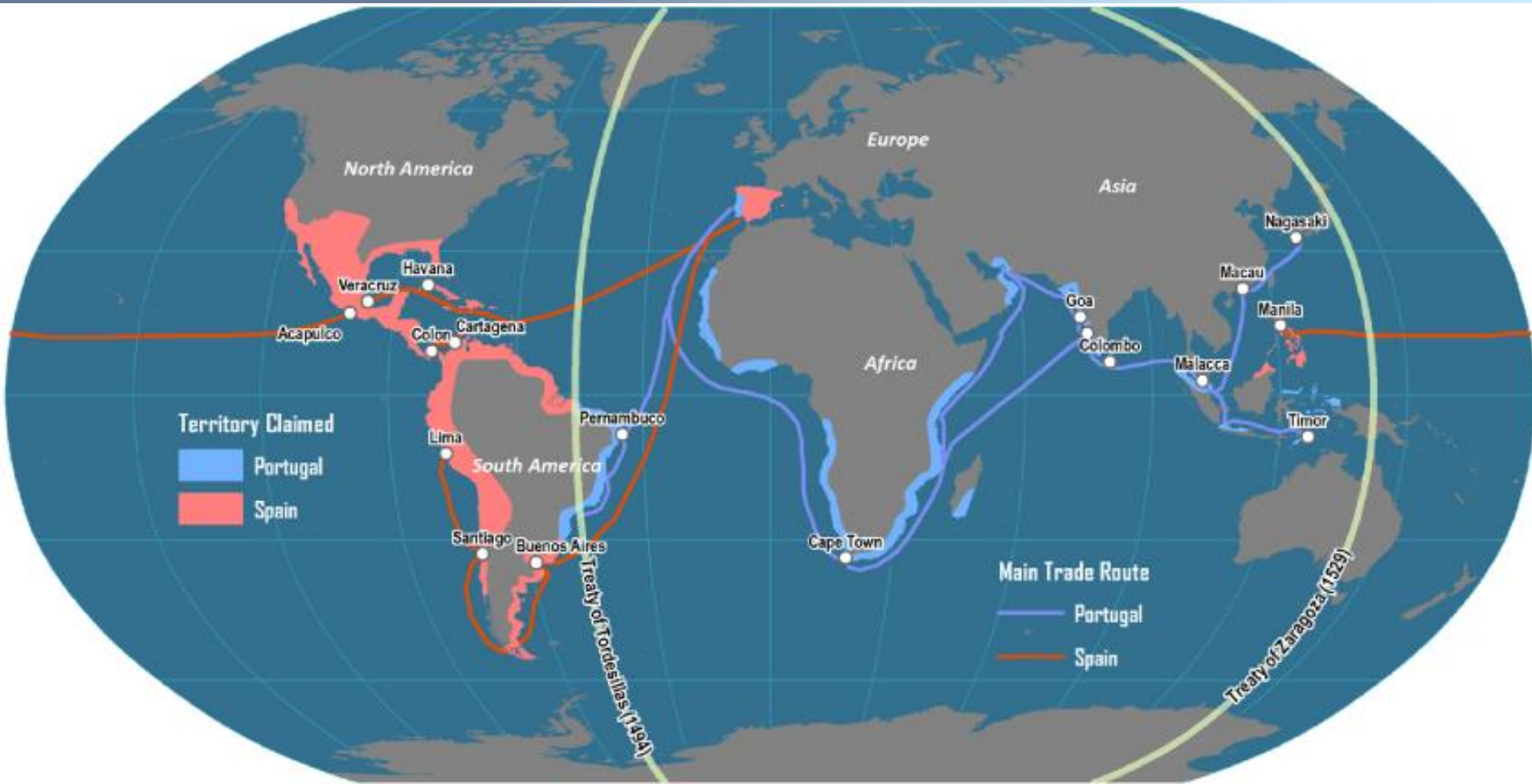


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1494 Treaty of Tordesillas - 370 leagues/1,184 n.mi west of Cape Verde Islands

1529 Treaty of Zaragoza – antimeridian



## Chapter 14 – *Europe & World New Encounters*

First the Portuguese

*Trading Posts*

Then the Spanish  
*Conquistadors*

Different attitudes towards intermarriage and establishment of settlements



## Chapter 14 – *Europe & World New Encounters*

### *Motives*



#### ★ The 3 G's

##### ★ God

- ★ religious fervor
- ★ convert natives

##### ★ Gold

- ★ expand trade - esp. spices & precious metals
- ★ profit

##### ★ Glory

- ★ adventure
- ★ power
- ★ national pride

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### *Mostly Silver*

1503 – 1650

(17,500 tons Ag vs 200 tons Au)  
(98% by weight, 85% by value)



### *Spanish Treasure Ships and the Manila Galleons*



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### The Columbian Exchange

- Beans
- Cacao (chocolate)
- Maize (corn)
- Peanuts
- Pineapples
- Potatoes
- Pumpkins
- Squash
- Sweet potatoes
- Tobacco
- Tomatoes
- Turkeys

**NORTH AMERICA**

**EUROPE**

ATLANTIC OCEAN

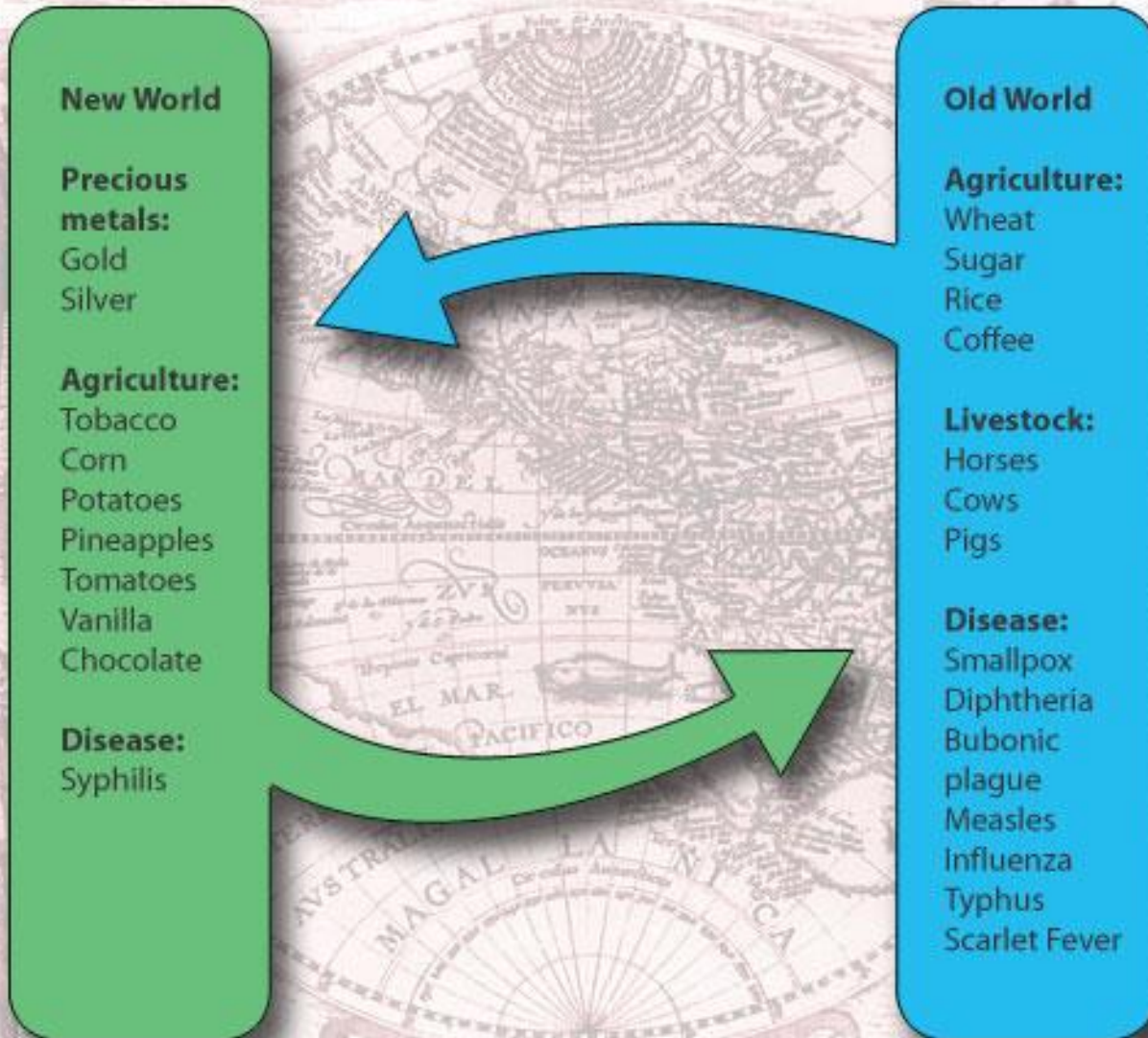
**AFRICA**

**SOUTH AMERICA**

- Bananas
- Cattle
- Chickens
- Citrus fruits
- Coffee beans
- Grapes
- Horses
- Onions
- Peaches
- Pigs
- Rice
- Sugarcane
- Wheat

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### **Columbian Exchange part 2**

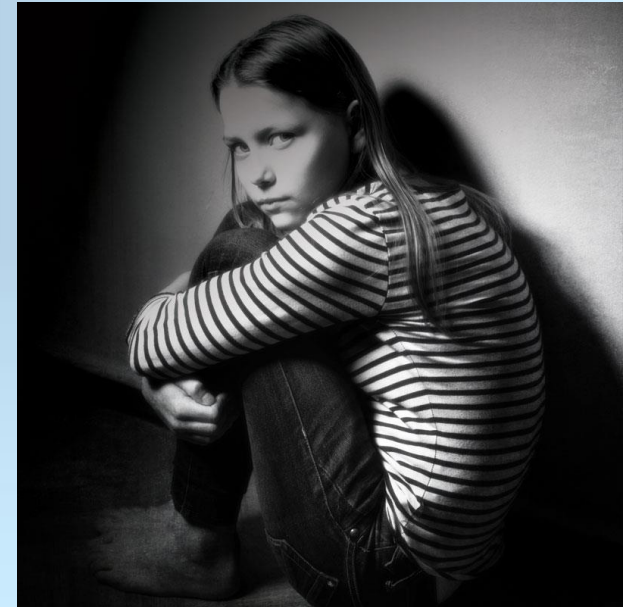
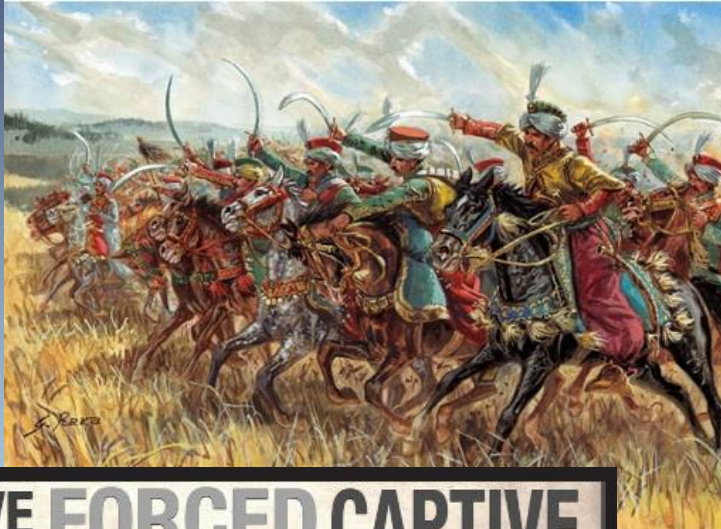


***Chapter 14 – Europe & World New Encounters***

***Define “Slavery”***

## Chapter 14 — *Europe & World New Encounters*

### Define “Slavery”



EXPLOITATIVE ADOPTIONS CHILD LABOR INDENTURED SERVITUDE  
FORCED MARRIAGE  
CAPTIVE DOMESTIC SERVANTS  
FORCED LABOR  
DEBT BONDAGE  
LABOR

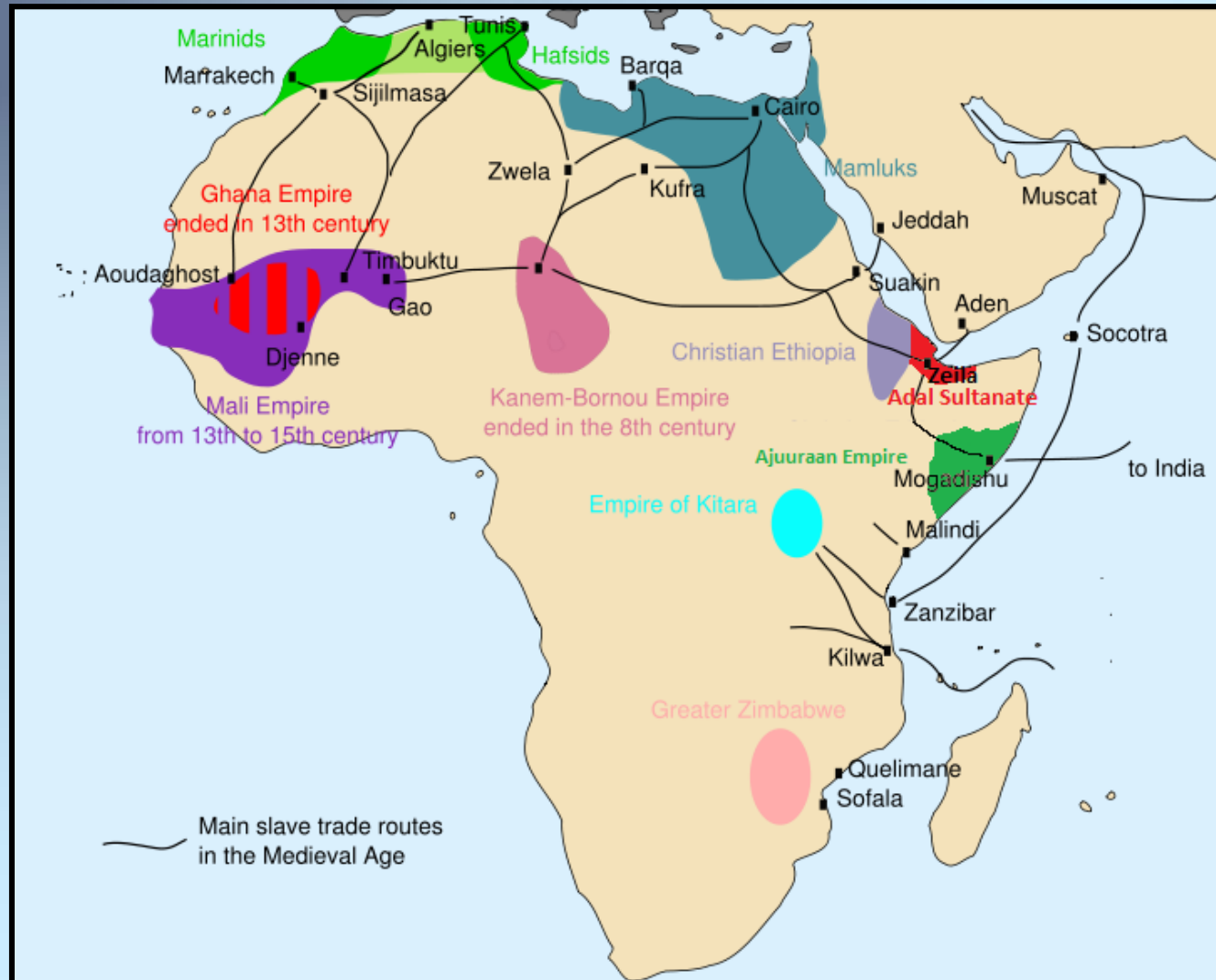
**West Africa & Atlantic Slave Trade— 1450-1800**

## Chapter 14 – *Europe & World New Encounters*

### *West Africa before 1492*

Trans-Saharan  
9<sup>th</sup> century AD  
From “few  
thousand”  
to 50,000 each  
year

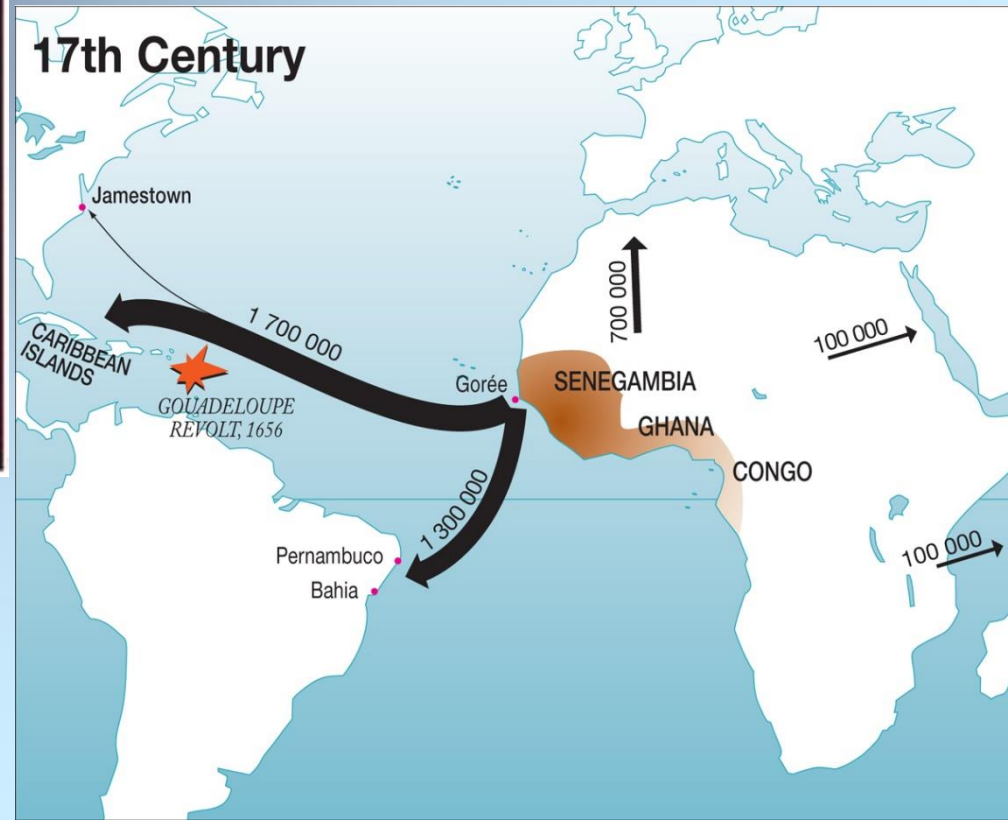
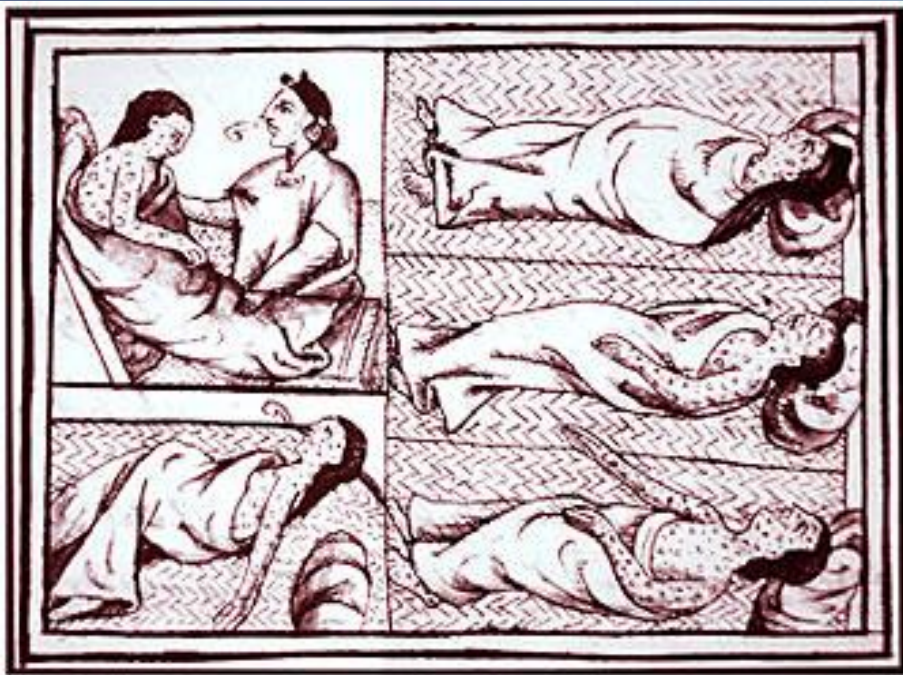
~ 6.2 million



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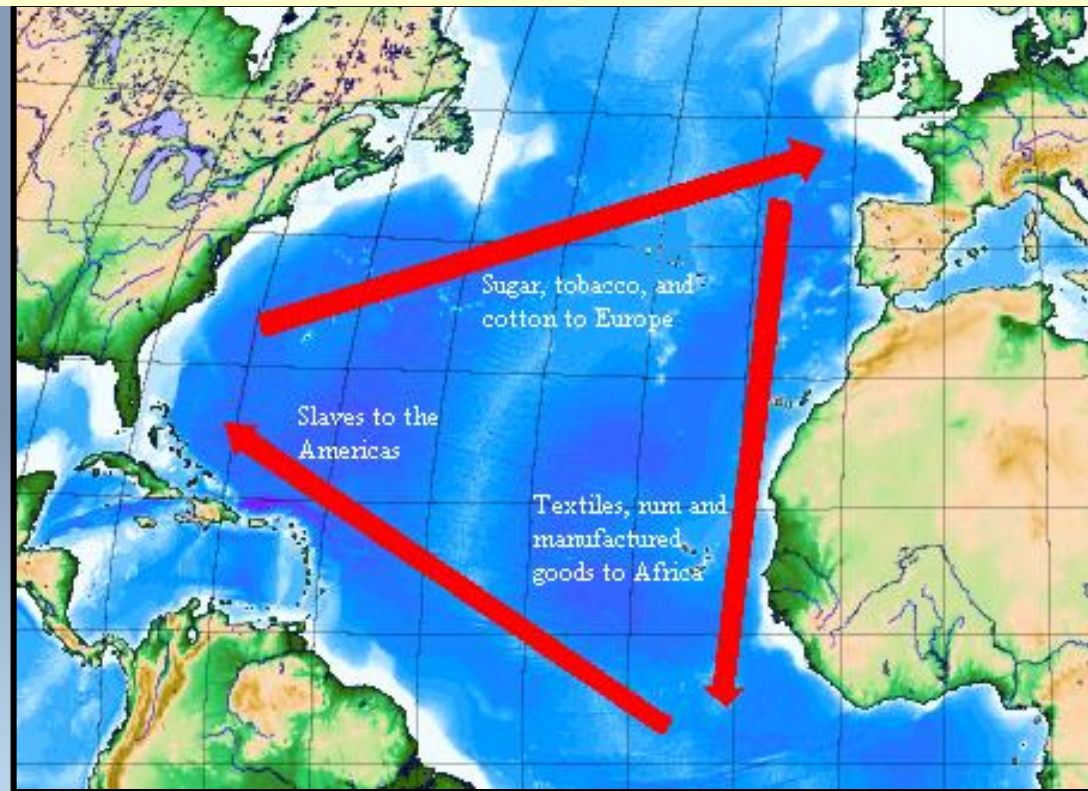
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### Portuguese: *disease & African slaves*



## Chapter 14 – *Europe & World New Encounters*

### Triangular Trade



British ... goods  
New England ... fish  
Jamaica ... sugar

## Chapter 14 – *Europe & World New Encounters*

### Triangular Trade

New England ... rum  
Africa ... slaves  
W. Indies ... molasses



British ... goods  
New England ... fish  
Jamaica ... sugar

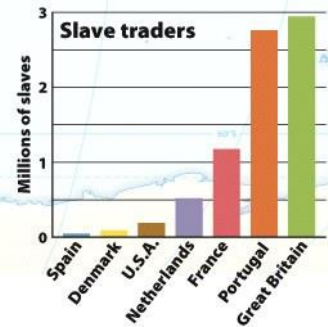
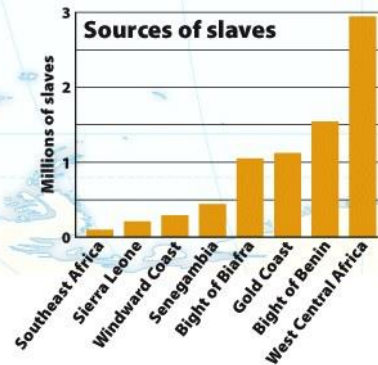


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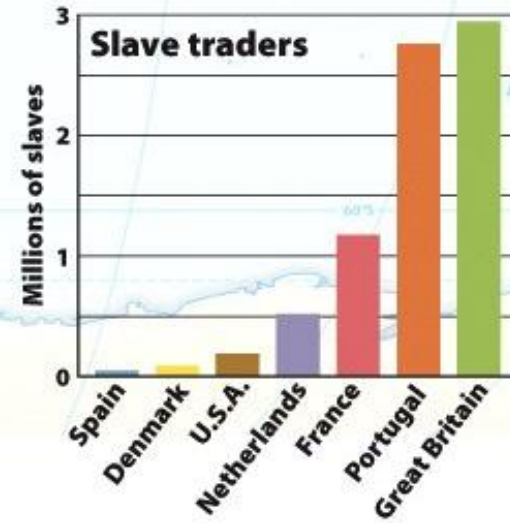
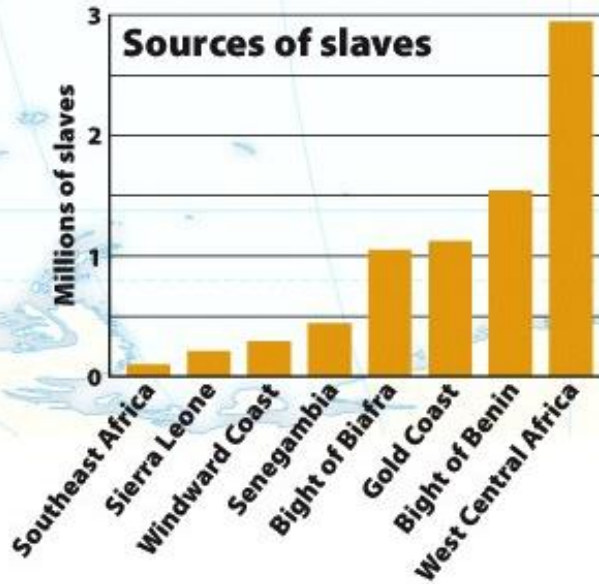
Atlantic slave trade, 1650–1800



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## Chapter 14 – *Europe & World New Encounters*

Atlantic slave trade, 1650–1800

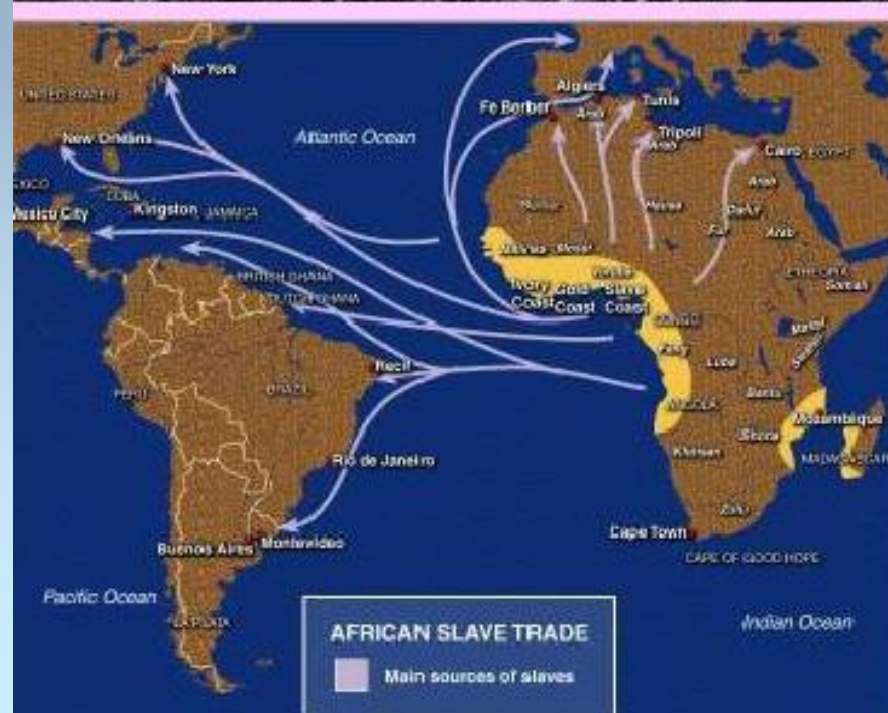
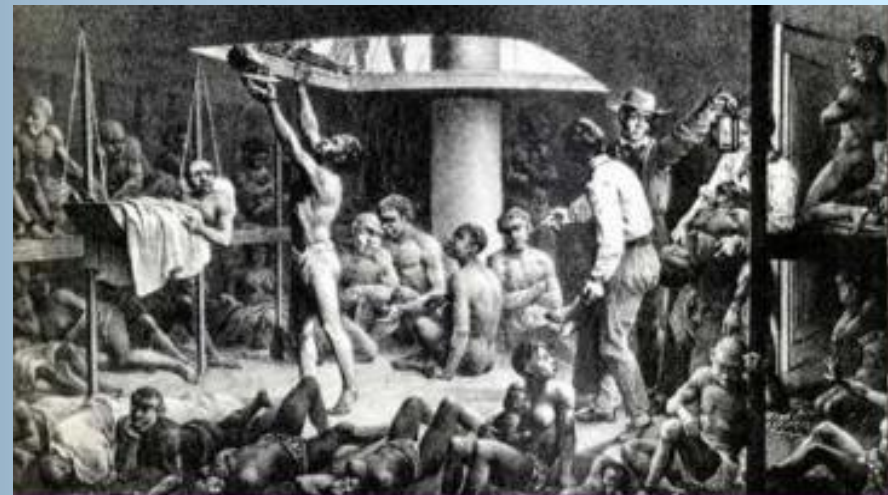


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**Slavery:  
the Foundation of the Empire**

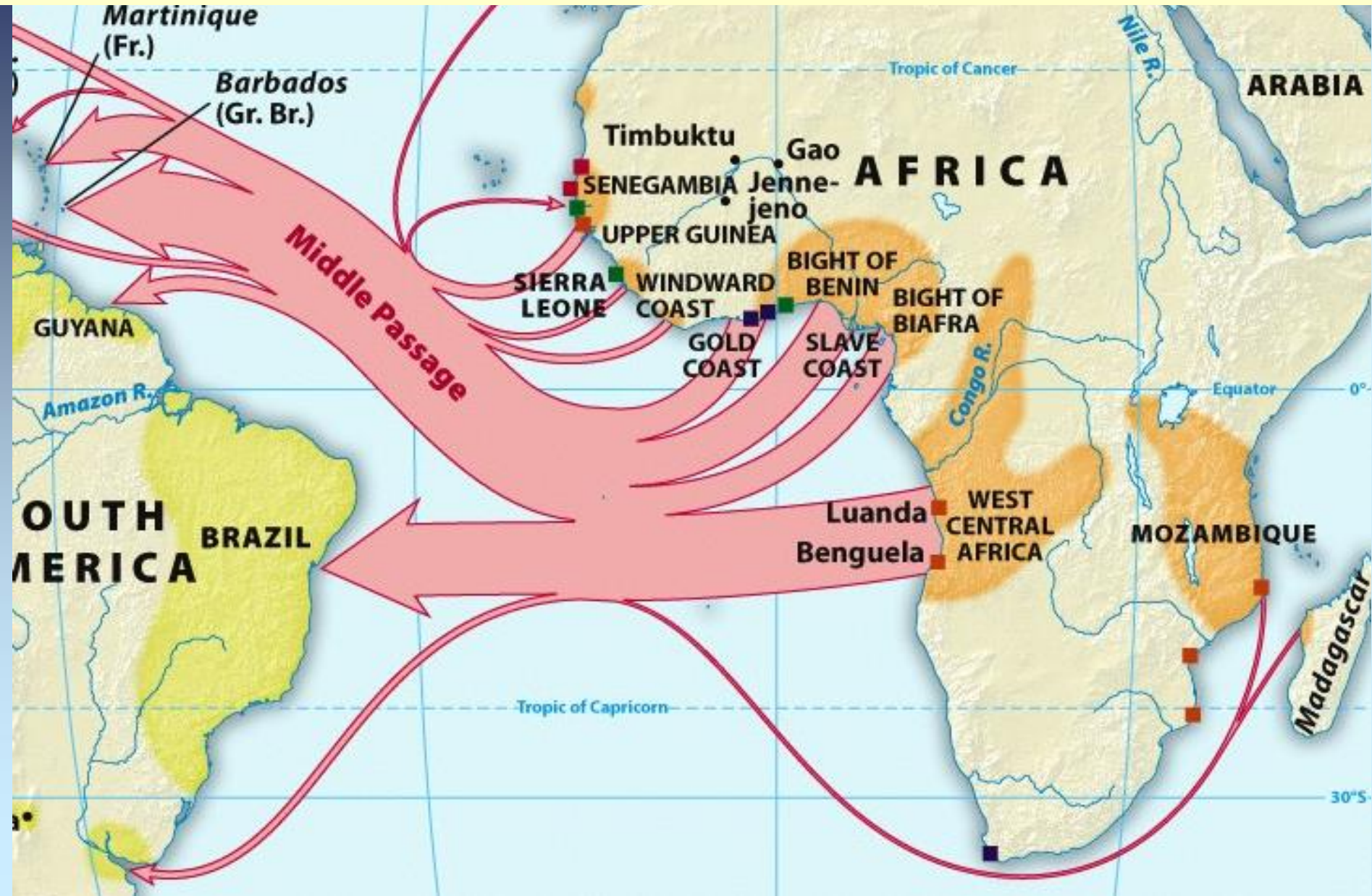
British N.Amer.	275,000
USA	124,000
British Caribbean	1,665,000
French Caribbean	1,600,000
Dutch Caribbean	500,000
(total Caribbean)	(3,765,000)
Spanish Amer.	1,552,000
Brazil	3,646,000

**Most of Africa maintained or increased in population due to improved diet – American food (maize) and greater demand for male slaves**



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**Chapter 14 – *Europe & World New Encounters***



## **John Newton**

**1748 – violent storm and a cry for mercy**

**1755 – ended slave trade**

**1764 – ordained**

**1773 – hymn or chant**

**1779 – *Olney Hymns***

**1 Chronicles 17-16-17**

**1835 – set to tune “New Britain”**

**1847 – published in *Southern harmony***

# Next Up... Chapter 14-B

## Europe and the World: New Encounters 1500-1800

