

The American Military Experience

American Civil War

1861

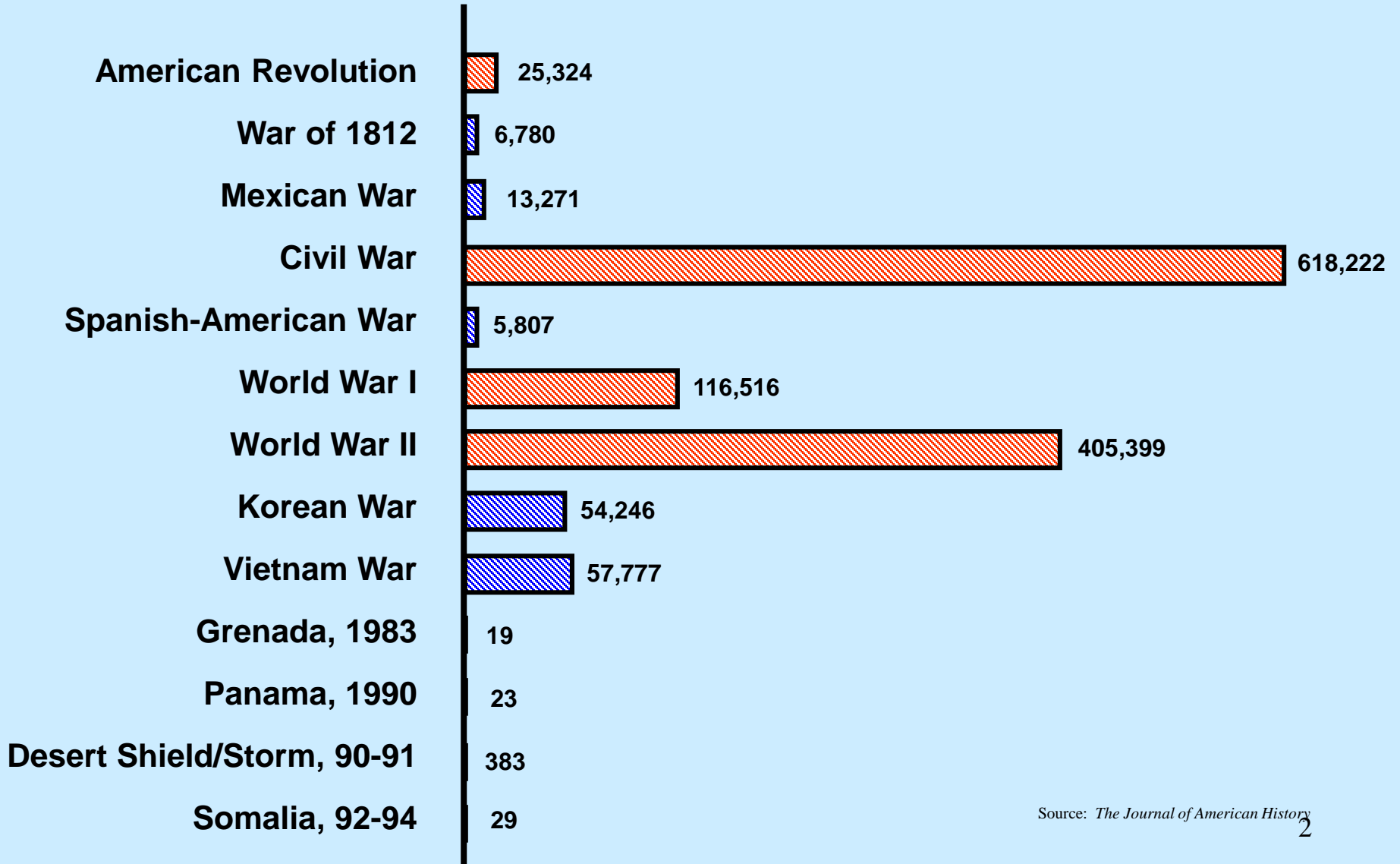


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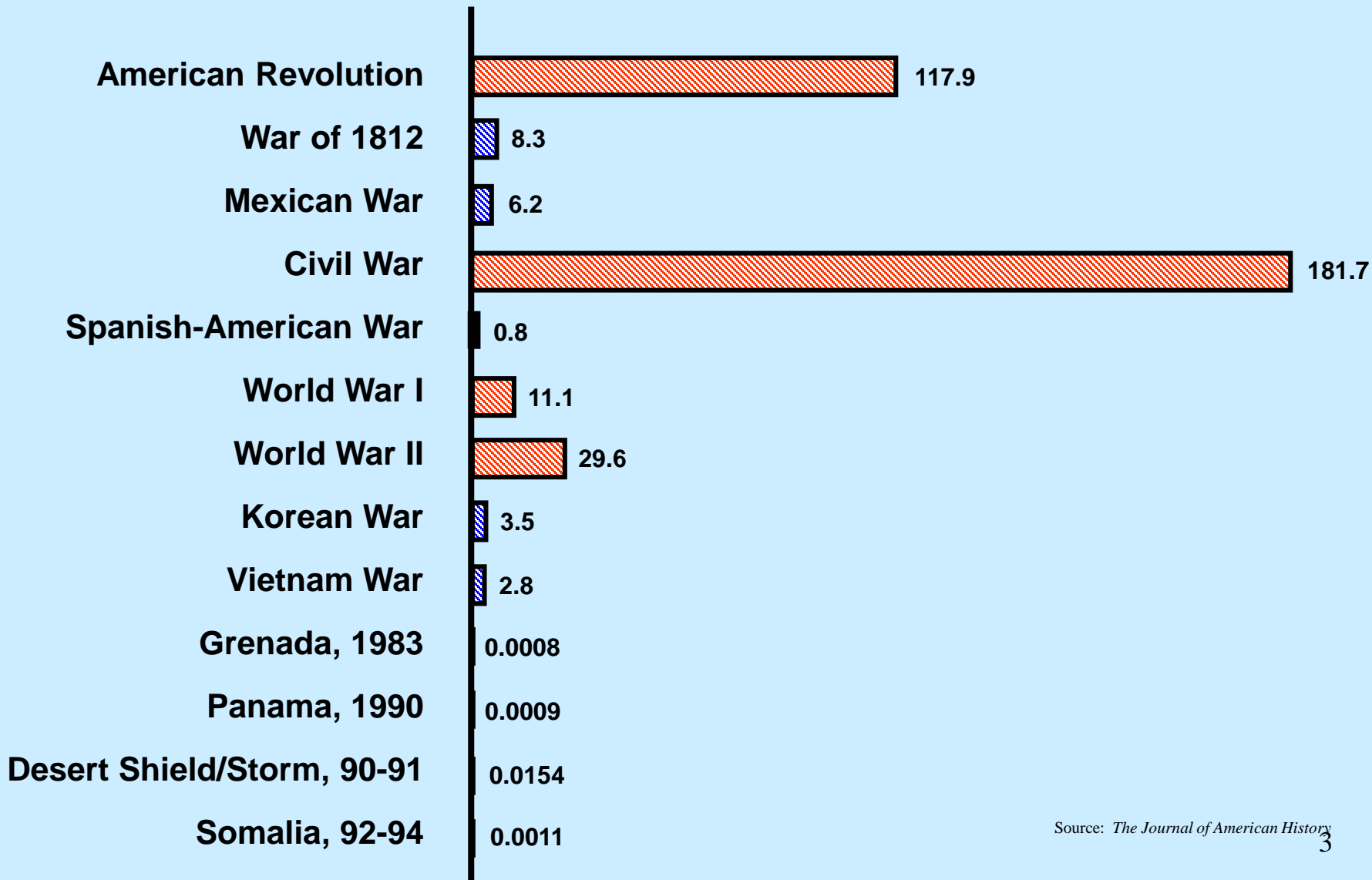
AMERICAN MILITARY DEATHS, 1775 - 1994

(Wars and Recent Operations)

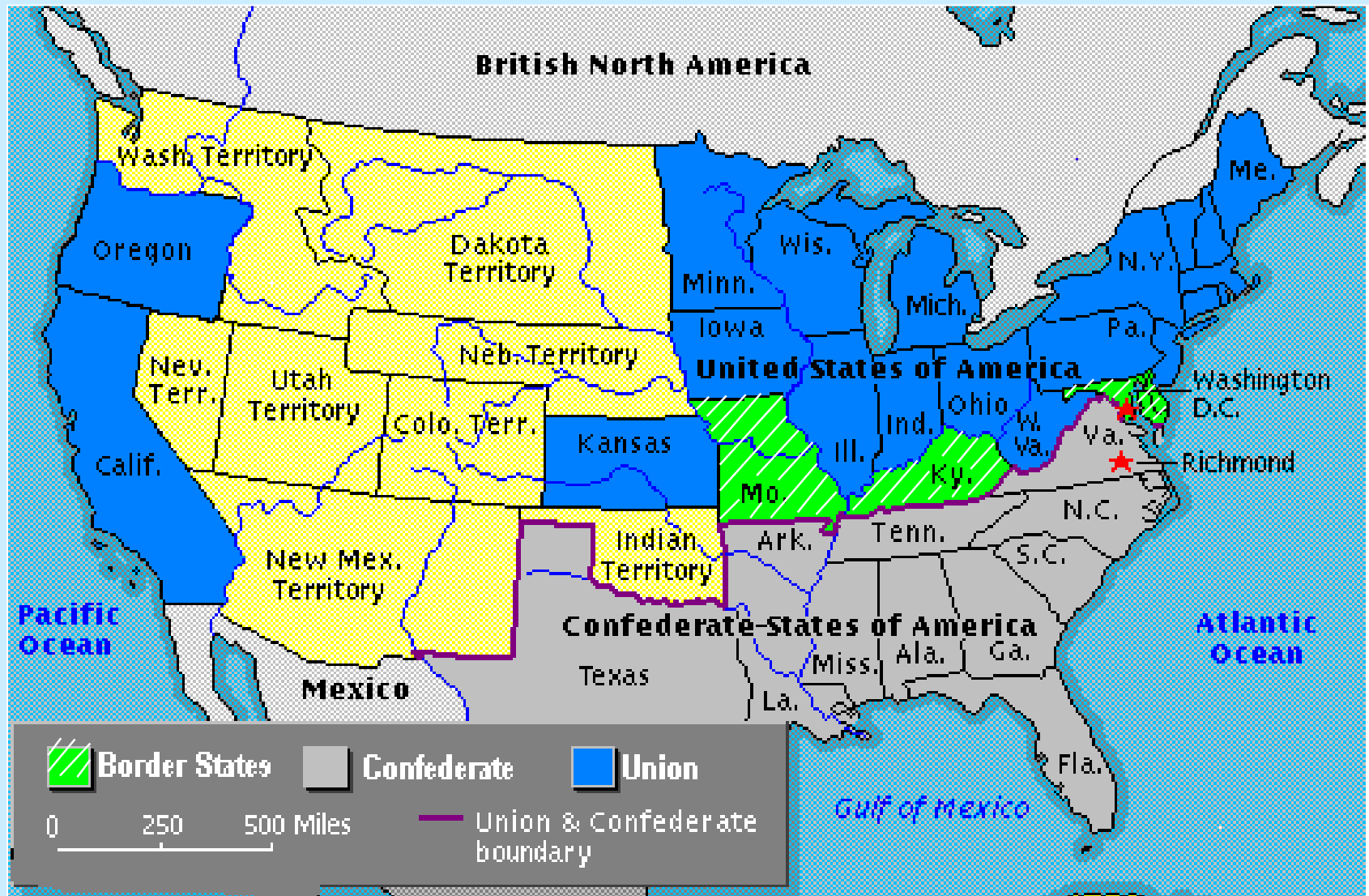


AMERICAN MILITARY DEATHS, 1775 - 1994

(Wars and Recent Operations - per 10,000 Population)



States in the Civil War



Distinct Issues

- *Causes* of war
- *Aims* of belligerent governments
- *Motivations* of individuals

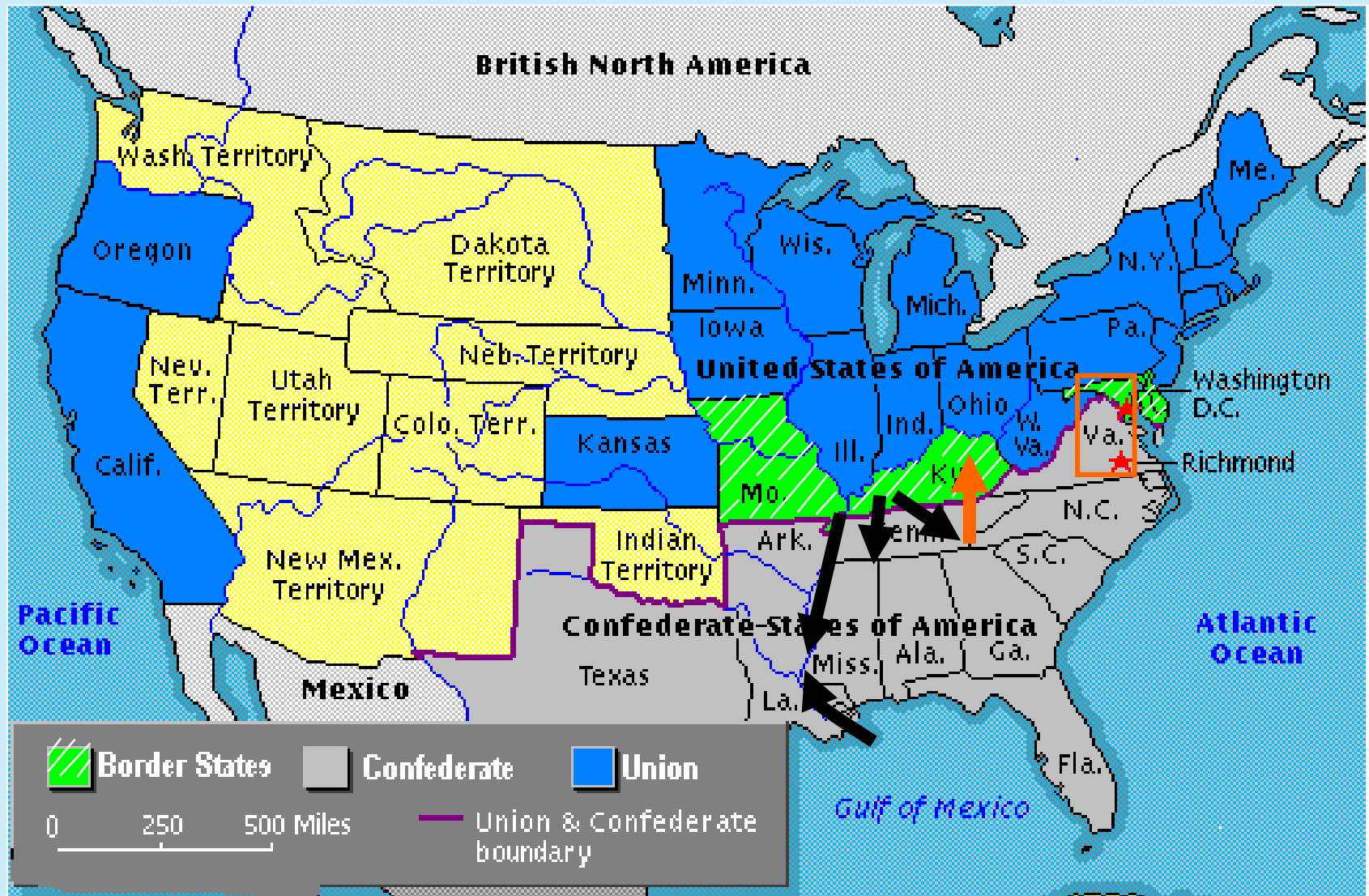
Probably related, quite unlikely to be identical

American Civil War

CIVIL WAR STRATEGIES

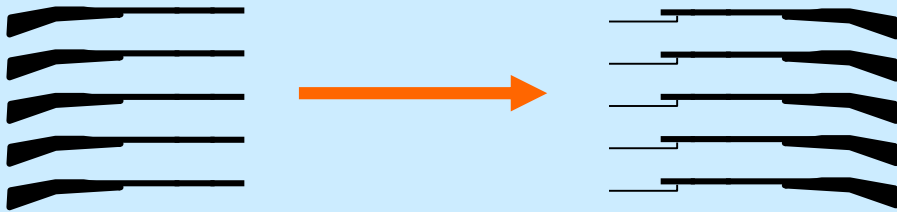
	US	CS
WAR AIMS	Restore (Preserve) Union	Independent Sovereignty
1861	Scott Armed Diplomacy “Anaconda”	Davis Armed Diplomacy Cordon defense
1862-63	Halleck Decisive Points Decisive Battle	Lee Decisive Points Decisive battle Offensive Defense
1864	Grant Hard War Break will	Defense Break will

Campaigns, 1861-63



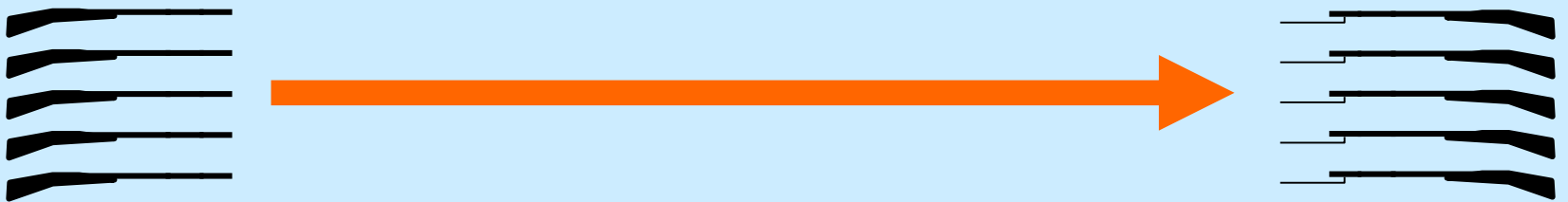
Infantry

Napoleonic Wars



Deadly Ground: 100 yards. Attack receives 2 volleys

Civil War



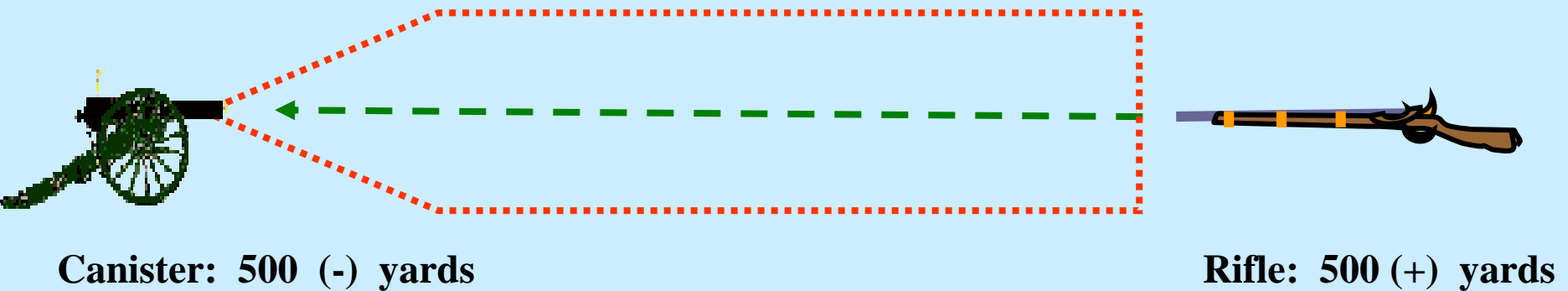
Deadly Ground: 500 yards. Attack receives 5-10 volleys.

Artillery / Infantry Combat

Napoleonic Wars



Civil War



Projectile Comparison

Diameter	Mass	Velocity	Energy	Penetration
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●	<i>5.56 mm</i>	<i>4.0 gm</i>	<i>925 m/s</i>	<i>1711 Nm</i>	<i>34 cm</i>
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●	<i>7.62 mm</i>	<i>9.7 gm</i>	<i>862 m/s</i>	<i>3603 Nm</i>	<i>65 cm</i>
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●	<i>14.7 mm</i> <i>.58 cal</i>	<i>28 gm</i>	<i>293 m/s</i>	<i>1201 Nm</i>	<i>24 cm</i>
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Lethality?

- **Waterloo**
 - 200,000 involved
 - 68,000 casualties
 - 12 hours
- **Gettysburg**
 - 191,000 involved
 - 42,000 casualties
 - 3 days

Lethality?

- Napoleonic wars: 300-500 shots/wound
- Civil War: 127-181 shots/wound
- *Russo-Japanese War (1904-05)*
20,000 shots/wound

THE REGULAR ARMY ON THE EVE OF WAR

**1861 REGIMENTS: 10 INFANTRY, 2 DRAGOONS, 1
MOUNTED RIFLE, 2 CAVALRY, 4 ARTILLERY.**

Total Strength: 16,215 (out of 17,867 authorized)

- Regiments in theory, Companies in practice

Location: (198 line Co's) 183: frontier; 15: Canada/Atlantic)

Officers: 286 of 1098 resign, join CSA (very few enlisted)

Concentrate as skilled nucleus?

Scatter as cadre?

Comparative Resources

TOTAL POPULATION 2.5-1



FACTORY PRODUCTION 10-1



WEALTH PRODUCED 3-1



FIREARMS PRODUCTION 32-1



RAILROAD MILAGE 2.4-1



IRON PRODUCTION 20-1



MERCHANT SHIP TONNAGE 9-1



FARM ACERAGE 3-1



NAVAL SHIP TONNAGE 25-1



COTTON PRODUCTION 1-24



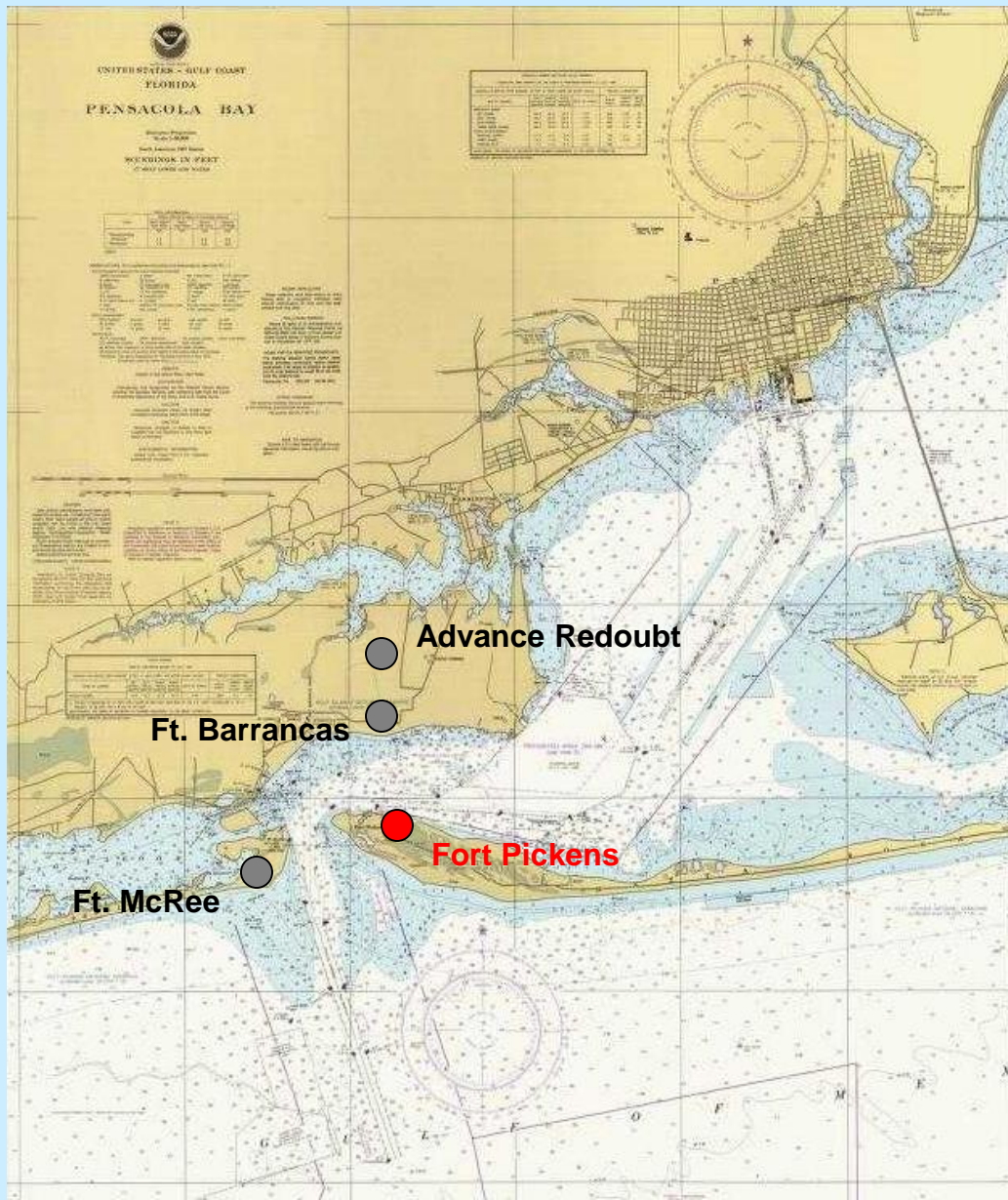
Junior Leaders Matters



Junior Leaders Matters



Junior Leaders Matters



Junior Leaders Matters

