



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### **Usage guidelines**

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

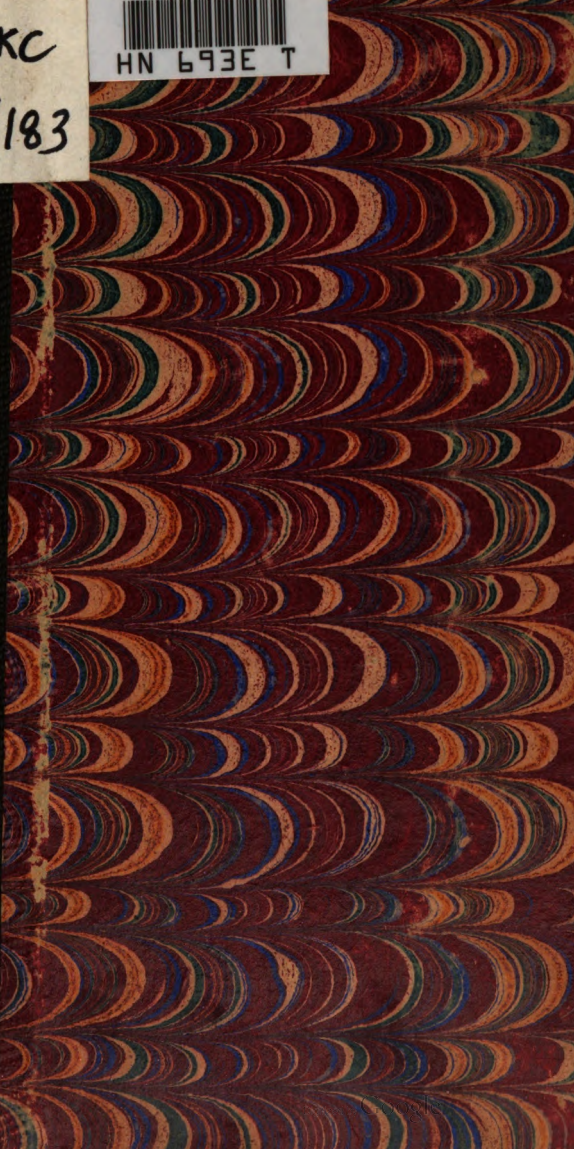
### **About Google Book Search**

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

KC

HN 693E T

18183



Bd. October, 1891.

KC 18183



Harvard College Library

BEQUEATHED BY

MRS. ANNA LOUISA MÖRING,  
OF CAMBRIDGE, MASS.

Received Sept. 15, 1890.

14362.11.6

ISSUED FEBRUARY 15, 1862.

PAPER, 15 CENTS.

CLOTH, 25 CENTS

*S. C. F.*

Other  
14362



FOURTH EDITION, REVISED AND ENLARGED.



STATISTICAL

POCKET MANUAL,

OF THE

ARMY, NAVY, AND CENSUS

OF

The United States of America.

TOGETHER WITH

STATISTICS OF ALL FOREIGN NAVIES.

---

“The people need *facts* and *figures*, instead of theories and opinions.”

---

Fifth Edition, Revised and Enlarged.

BOSTON:  
D. P. BUTLER, PUBLISHER,  
142 Washington Street.

1862. Digitized by Google.

~~14362.11.6~~

U.S. 2071.6.5

KC 18183

Harvard College Library.

15 Sept. 1890.

Mearing Bequest.

---

Entered according to Act of Congress, in the year 1862, by

D. P. BUTLER,

In the Clerk's Office of the District Court of Massachusetts.

---

Printed by  
BAZIN & CHANDLER,  
37 Cornhill.

# STATISTICAL POCKET MANUAL.

---

## Pay of Army Officers, per month.

### RANK AND CLASSIFICATION OF OFFICERS

#### LIEUTENANT GENERAL.

Monthly pay.....	\$270 00
40 Rations.....	360 00
6 Horses.....	50 00
4 Servants.....	98 00

Total monthly pay.....\$778 00

#### AIDE-DE-CAMP, AND MILITARY SECRETARY TO LIEUTENANT GENERAL, EACH.

Monthly pay.....	\$80 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00

Total monthly pay.....\$198 00

#### MAJOR GENERAL.

Monthly pay.....	\$220 00
15 Rations.....	135 00
3 Horses.....	24 00
4 Servants.....	98 00

Total monthly pay.... ..\$477 00



## SENIOR AIDE-DE-CAMP TO GENERAL-IN-CHIEF.

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants ..	49 00
	<hr/>
Total monthly pay.....	\$189 00

## AIDE-DE-CAMP.

(In addition to pay, &amp;c., of Lieutenant.)

Monthly pay.....	\$24 00
1 Horse.....	8 00
	<hr/>
Total monthly pay.....	\$32 00

## BRIGADIER GENERAL.

Monthly pay.....	\$124 00
12 Rations.....	108 00
3 Horses.....	24 00
3 Servants.....	73 50
	<hr/>
Total monthly pay.....	329 50

## AIDE-DE-CAMP.

(In addition to pay, &amp;c., of Lieutenant.\*)

Monthly pay.....	\$20 00
3 Rations.....	
1 Horse.....	8 00
	<hr/>
Total monthly pay.....	\$19 00

## ADJUTANT GENERAL'S DEPARTMENT.

## ADJUTANT GENERAL—COLONEL.

Monthly pay.....	\$110 00
6 Rations.....	54 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$237 00

\*Entitled to only three rations per day as Lieutenants.

**ASSISTANT ADJUTANT-GENERAL—LIBUT.-COLONEL.**

Monthly pay .....	\$95 00
5 Rations .....	45 00
3 Horses .....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$213 00

**ASSISTANT ADJUTANT-GENERAL—MAJOR.**

Monthly pay .....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$189 00

**ASSISTANT ADJUTANT-GENERAL—CAPTAIN.**

Monthly pay .....	\$70 00
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$138 50

**JUDGE-ADVOCATE—MAJOR.**

Monthly pay.....	\$80 00
4 Rations .....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$189 00

**INSPECTOR GENERAL'S DEPARTMENT.**

**INSPECTOR GENERAL—COLONEL.**

Monthly pay .....	\$110 00
6 Rations.....	54 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$237 00

**SIGNAL DEPARTMENT.****SIGNAL OFFICER—MAJOR.**

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$189 00

**QUARTERMASTER'S DEPARTMENT.****QUARTERMASTER-GENERAL—BRIGADIER-GENERAL.**

Monthly pay.....	\$124 00
12 Rations.....	108 00
3 Horses.....	24 00
3 Servants.....	78 50
	<hr/>
Total monthly pay.....	\$329 50

**ASSISTANT QUARTERMASTER-GENERAL—COLONEL.**

Monthly pay.....	\$110 00
6 Rations.....	54 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$237 00

**DEPUTY QUARTERMASTER-GENERAL—LIEUT.-COLONEL.**

Monthly pay.....	\$95 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$213 00

**QUARTERMASTER—MAJOR.**

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$189 00

ASSISTANT QUARTERMASTER—CAPTAIN.

Monthly pay.....	\$70 00
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$138 50

SUBSISTENCE DEPARTMENT.

COMMISSARY-GENERAL OF SUBSISTENCE—COLONEL.

Monthly pay.....	\$110 00
6 Rations.....	54 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$237 00

ASSISTANT COM.-GEN. OF SUBSISTENCE—LIEUT.-COL.

Monthly pay.....	\$95 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$213 00

COMMISSARY OF SUBSISTENCE—MAJOR.

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$189 00

COMMISSARY OF SUBSISTENCE—CAPTAIN.

Monthly pay.....	\$70 00
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$138 50

## ASSISTANT COMMISSARY OF SUBSISTENCE.

(In addition to pay, &amp;c., of Lieutenant.\*)

Monthly pay.....	\$20 00
3 Rations.....	
<hr/>	
Total monthly pay.....	\$11 00

## MEDICAL DEPARTMENT.

## SURGEON GENERAL.

Total monthly pay.....	\$228 33
------------------------	----------

## SURGEONS OF TEN YEARS' SERVICE.

Monthly pay.....	\$80 00
8 Rations.....	72 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$225 00

## SURGEONS OF LESS THAN TEN YEARS' SERVICE.

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$189 00

## ASSISTANT SURGEONS OF TEN YEARS' SERVICE.

Monthly pay.....	\$70 00
8 Rations.....	72 00
1 Horse ...	8 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$174 50

Entitled to only three rations per day as Lieutenant

**ASSISTANT SURGEONS OF FIVE YEARS' SERVICE.**

Monthly pay.....	\$70 00
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
	<hr/>
Total monthly pay.....	\$138 50

**ASSISTANT SURGEONS OF LESS THAN FIVE YEARS' SERVICE.**

Monthly pay.....	\$53 33
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
	<hr/>
Total monthly pay.....	\$121 83

**PAY DEPARTMENT.**

**PAYMASTER-GENERAL.**

Total monthly pay.....	\$228 83
------------------------	----------

**DEPUTY PAYMASTER-GENERAL.**

Monthly pay.....	\$95 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay .....	\$213 00

**PAYMASTER.**

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$189 00

**OFFICERS OF THE CORPS OF ENGINEERS,  
CORPS OF TYPOGRAPHICAL ENGINEERS,  
AND ORDNANCE DEPARTMENT.**

**COLONEL.**

Monthly pay.....	\$110 00
6 Rations.....	54 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$237 00

**LIEUTENANT-COLONEL.**

Monthly pay.....	\$95 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$213 00

**MAJOR.**

Monthly pay.....	\$80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
	<hr/>
Total monthly pay.....	\$189 00

**CAPTAIN.**

Monthly pay.....	\$70 00
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
	<hr/>
Total monthly pay.....	\$138 50

**FIRST LIEUTENANT.**

Monthly pay.....	\$53 33
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50
	<hr/>
Total monthly pay.....	\$121 83

SECOND LIEUTENANT.

Monthly pay.....	\$53 33
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50

Total monthly pay.....\$121 83

BREVET SECOND LIEUTENANT.

Monthly pay.....	\$53 33
4 Rations.....	36 00
1 Horse.....	8 00
1 Servant.....	24 50

Total monthly pay.....\$121 83

OFFICERS MOUNTED DRAGOONS, CAVALRY, RIFLEMEN, AND LIGHT ARTILLERY.

COLONEL.

Monthly pay .....	\$110 00
6 Rations.....	54 00
8 Horses .....	24 00
2 Servants.....	49 00

Total monthly pay.....\$237 00

LIEUTENANT-COLONEL.

Monthly pay.....	\$95 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00

Total monthly pay.....\$213 00

MAJOR.

Monthly pay.....	\$ 80 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00

Total monthly pay.....\$189 00



## CAPTAIN.

Monthly pay.....	\$ 70 00
4 Rations.....	36 00
2 Horses.....	16 00
1 Servant.....	24 50

---

Total monthly pay..... \$146 50

## FIRST LIEUTENANT.

Monthly pay.....	\$ 53 33
4 Rations.....	36 00
2 Horses.....	16 00
1 Servant.....	24 50

---

Total monthly pay.....\$129 83

## SECOND LIEUTENANT.

Monthly pay.....	\$ 53 33
4 Rations.....	36 00
2 Horses .....	16 00
1 Servant.....	24 50

---

Total monthly pay .....\$129 83

## BREVET SECOND LIEUTENANT.

Monthly pay.....	\$ 53 33
4 Rations.....	36 00
2 Horses.....	16 00
1 Servant.....	24 50

---

Total monthly pay.....\$129 83

## ADJUTANT REG'L QUARTERMASTER.

Monthly pay, in addition to pay of Lieutenant..\$ 10 00

**OFFICERS OF ARTILLERY AND INFANTRY.**

## COLONEL.

Monthly pay.....	\$ 95 00
6 Rations.....	54 00
3 Horses ..	24 00
2 Servants.....	49 00

---

Total monthly pay.....\$222 00

LIEUTENANT-COLONEL.

Monthly pay.....	\$ 80 00
5 Rations.....	45 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$198 00

MAJOR.

Monthly pay.....	\$ 70 00
4 Rations.....	36 00
3 Horses.....	24 00
2 Servants.....	49 00
<hr/>	
Total monthly pay.....	\$179 00

CAPTAIN.

Monthly pay.....	\$ 60 00
4 Rations.....	36 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$120 50

FIRST LIEUTENANT.

Monthly pay.....	\$ 50 00
4 Rations.....	36 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$110 50

SECOND LIEUTENANT.

Monthly pay.....	\$ 45 00
4 Rations.....	36 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$105 50

BREVET SECOND LIEUTENANT.

Monthly pay.....	\$ 45 00
4 Rations.....	36 00
1 Servant.....	24 50
<hr/>	
Total monthly pay.....	\$105 50

## ADJUTANT.

Monthly pay, in addition to pay, &c., of Lieut..	\$ 10 00
1 Horse.....	8 00

---

Total monthly pay.....\$ 18 00

## REG'L QUARTERMASTER.

Monthly pay, in addition to pay, &c., of Lieut..	\$ 10 00
2 horses.....	16 00

---

Total monthly pay.....\$ 26 00

The officer in command of a company is allowed \$10 per month for the responsibility of clothing, arms, and accoutrements.

Every commissioned officer below the rank of a Brigadier-General is entitled to one additional ration a day for every five years' service.

Paymaster's clerks, \$700 per annum, and 75 cents per day when actually on duty.

Chaplains in army, \$40 to \$60 per month and four rations a day.

Chaplains in Volunteers, same as Captain of Cavalry.

---

## MONTHLY PAY OF NON-COMMISSIONED OFFICERS, PRIVATES, &c.

## CAVALRY.

Sergeant-Major.....	\$21 00
Quartermaster-Sergeant.....	21 00
Chief Bugler.....	21 00
First Sergeant.....	20 00
Sergeant.....	17 00
Corporal.....	14 00
Bugler.....	13 00
Farrier and Blacksmith.....	15 00
Private.....	13 00

ORDNANCE.

Master-Armorer, Master Carriage-Maker, or Master Blacksmith. ....	\$34 00
Armorer, Carriage-Maker, or Blacksmith.....	20 00
Artificer... ..	17 00
Laborer.....	13 00

ARTILLERY AND INFANTRY.

Sergeant-Major.....	\$21 00
Quartermaster Sergeant....	17 00
First Sergeant.....	20 00
Sergeant.....	17 00
Corporal.....	13 00
Artificer, artillery.....	15 00
Private .....	13 00
Principal Musician.....	21 00
Musician .....	12 00

SAPPERS, MINERS, AND PONTONIERS.

Sergeant .....	\$34 00
Corporal.....	20 00
Private, first class.....	17 00
Private, second class.....	13 00
Musician.....	12 00

---

Medical Cadets.....	30 00
Hospital Steward, first class.....	22 00
“ “ second class.....	20 00
Matron.....	6 00
Female Nurses, 40 cents per day and 1 ration.	

“Two dollars per month is to be retained from the pay of each private soldier until the expiration of his term of enlistment, and 12½ cents per month from all enlisted men, for the support of the “Soldier’s Home.” All enlisted men are entitled to \$2 per month additional for re-enlisting, and \$1 per month for each subsequent period of five year’s service, provided they re-enlist within one month after the expiration of their term.

Volunteers and militia, when called into service of the United States, are entitled to the same pay, allowances, &c., as regulars.”

**RANK OF ARMY OFFICERS.**

- 1.—Lieutenant-General.
- 2.—Major-General.
- 3.—Brigadier-General.
- 4.—Colonel.
- 5.—Lieutenant-Colonel.
- 6.—Major.
- 7.—Captain.
- 8.—First Lieutenant.
- 9.—Second Lieutenant.
- 10.—Cadet.
- 11.—Sergeant-Major.
- 12.—Quartermaster-Sergeant of a Regiment.
- 13.—Ordnance Sergeant and Hospital Steward.
- 14.—First Sergeant.
- 15.—Sergeant.
- 16.—Corporal.

“Officers serving *by commission* from any state of the Union take rank next after officers of like grade *by commission* from the United States.”

“Brevet rank takes effect only in the following cases: 1st, by special assignment of the President in command composed of *different corps*; 2d, on courts-martial or *detachments* composed of different corps. Troops are on *detachment*, only when sent out *temporarily* to perform a *special service*.”

---

**COMMAND OF ARMY OFFICERS ACCORDING TO RANK.**

- 1.—For a Captain at least a company.
- 2.— “ Major “ 2 “
- 3.— “ Lieutenant-Colonel at least 4 companies.
- 4.— “ Colonel at least 1 regiment or 10 “
- 5.— “ Brigadier-General 2 “ “ 20 “
- 6.— “ Major-General 4 “ “ 40 “
- 7.— “ Lieutenant-General 8 “ “ 80 “

**SALUTES.**

<i>President of the United States</i> ,.....	21	guns.
<i>Vice-President</i> " " .....	17	" "
<i>Heads of the great Executive Departments of the National Government</i> ,.....	15	" "
<i>General commanding the Army</i> ,.....	15	" "
<i>Governor of a State or Territory</i> ,.....	15	" "
<i>Major-General</i> ,.....	13	" "
<i>Brigadier-General</i> .....	11	" "
<i>Foreign Ships of War</i> , .....	gun for	gun.
<i>Officers of the Navy</i> , according to relative rank.		
<i>Foreign Officers</i> , as guests, " " "		
<i>Envoys and Ministers</i> —United States and foreign powers.. ..	13	guns.

---

**FUNERAL ESCORTS.**

**GENERAL commanding-in-chief**,—one regiment of infantry, one squadron of cavalry, and six pieces of artillery.

**MAJOR-GENERAL**—One regiment of infantry, one squadron of cavalry, and four pieces of artillery.

**BRIGADIER-GENERAL**—One regiment of infantry, one company of cavalry, and two pieces of artillery.

**COLONEL**—One regiment.

**LIEUTENANT-COLONEL**—Six companies.

**MAJOR**—Four companies.

**CAPTAIN**—One company.

**SUBALTERN**—Half a company.

**NON-COMMISSIONED STAFF OFFICER**—Sixteen rank and file.

**SERGEANT**—Fourteen rank and file.

**CORPORAL**—Twelve rank and file.

**PRIVATE**—Eight rank and file, commanded by a **CORPORAL**.

Funeral escorts are commanded by an officer of the same rank with the deceased; or, if none such be present, by one of the next inferior grade.

## BADGES OF RANK.

## EPAULETTES.

*Major-General Commanding the Army*—Gold, with three silver embroidered stars.

*Other Major-Generals*—Gold, two stars, instead of three.

*Brigadier-General*—Gold, one star.

*Colonel*—Gold, silver embroidered eagle instead of a star.

*Lieutenant Colonel*—Silver embroidered leaf, instead of the eagle.

*Major*—Same as Colonel, omitting the eagle.

*Captain*—Two silver embroidered bars instead of the eagle.

*First Lieutenant*—One silver embroidered bar.

*Second Lieutenant*—Same as First Lieutenant, omitting the bar.

*Brevet Second Lieutenant*—Same as Second Lieutenant.

All officers of military rank wear an epaulette on each shoulder. The epaulette may be dispensed with when not on duty and on certain duties of parade.

## SHOULDER STRAPS.

*Major-General commanding the Army*—Dark blue cloth; border, of gold embroidery; three silver embroidered stars of five rays.

*Other Major-Generals*—Two stars instead of three.

*Brigadier-General*—One star instead of two.

*Colonel*—A silver embroidered spread eagle—cloth of the straps as follows: for the *General Staff and Staff Corps*—Dark blue; *Artillery*—Scarlet; *Infantry*—Light or sky blue; *Cavalry*—Yellow.

*Lieutenant Colonel*—Silver embroidered leaf at each end, instead of the eagle.

*Major*—Gold embroidered leaf at each end

*Captain*—Two gold embroidered bars.

*First Lieutenant*—One gold embroidered bar.

*Second Lieutenant*—The same as for a Colonel, omitting the eagle.

*Brevet Second Lieutenant*—The same as for a Second Lieutenant.

*Medical Cadet*—A strip of gold lace in the middle of a strap of green cloth.

The shoulder straps to be worn whenever the epaulettes is not.

#### CHEVRONS.

The rank of non-commissioned officers is marked by chevrons upon both sleeves of the uniform coat and overcoat, above the elbow, of silk or worsted binding, as follows:

*Sergeant-Major*—Three bars and one arc, in silk.

*Quartermaster Sergeant*—Three bars and a tie, in silk.

*Ordnance Sergeant*—Three bars and a star, in silk.

*Hospital Steward*—A half chevron, of emerald green cloth embroidered with yellow silk.

*First Sergeant*—Three bars and a lozenge, in worsted.

*Sergeant*—Three bars, in worsted.

*Corporal*—Two bars, in worsted.

*Pioneer*—Two crossed hatchets of cloth, same color and material as the edging of the collar, in the place indicated for a chevron.

#### OVERCOAT.

##### *For Commissioned Officers.*

A "cloak coat" of dark blue cloth, extending down the leg from six to eight inches below the knee.

To indicate rank, a knot of flat black silk braid, as follows:

*General*—Of five braids, double knot.

*Colonel*— " " single "

*Lieutenant Colonel*—Four braids, single knot.

*Major*—Three braids, single knot.

*Captain*—Two braids, single knot.

*First Lieutenant*—One braid, single knot.

*Second Lieutenant*—A plain sleeve without knot or ornament.

*Brevet Second Lieutenant*—Same as Second Lieutenant.



**ROOMS AND FUEL FOR OFFICERS AND MEN.**

*Major-General*—Five rooms as quarters, and one as kitchen; and six cords of oak wood per year.

*Brigadier-General or Colonel*—Four rooms as quarters, one room as kitchen and five cords oak wood.

*Lieutenant-Colonel or Major*—Three rooms, as quarters, and one as kitchen; and four and one half cords of oak wood.

*Captain or Chaplain*—Two rooms as quarters; one as kitchen; and three and three quarter cords of oak wood.

*Lieutenant*—One room as quarters, one as kitchen; and two and one half cords of hard wood.

*Military Store-Keeper*—One room as quarters and one as kitchen.

The General commanding the army has three rooms as offices and three cords of oak wood.

The commanding officer of a Division or Department, an assistant or Deputy Quartermaster General—two rooms as offices and two cords of oak wood.

Coal, at the rate 1500 lbs. anthracite, or 30 bushels bituminous, to the cord; may be furnished instead of oak wood; or two cords of pine in lieu of one of oak.

**ALLOWANCE OF CAMP AND GARRISON EQUIPAGE.**

*A General*, three tents, in the field, one axe and one hatchet.

*Field or Staff Officers*, above the rank of Captain, two tents, one axe, one hatchet.

*Other Staff Officers or Captains*, one tent, one axe, one hatchet.

Subalterns of a Company, every two, one tent, one axe, one hatchet.

To every 15 foot and 13 mounted men, one tent, two spades, two axes, two pickaxes, two hatchets, two camp-kettles, and five mess-pans.

Bedsacks are provided for troops in garrison, and iron pots may be furnished to them instead of camp-kettles.

In barracks, each man, servant, and company woman, is allowed twelve pounds of straw per month, for bedding. For the sick allowance and change of straw regulated by the Surgeon.

---

### ARMY TRANSPORTATION.

When troops are moved, or officers travel with escorts or stores, the means of transport is provided for the whole command.

The baggage to be transported is limited to camp and garrison equipage, and officers' baggage. Officers baggage shall not exceed as follows :

*General Officers*, in the field, 125 lbs; changing stations, 1000 lbs.

*Field Officers*, in the field, 100 lbs.; changing stations, 800 lbs.

*Captains*, in the field, 80 lbs.; changing stations, 700 lbs.

*Subalterns*, in the field, 80 lbs.; changing stations, 600 lbs.

These amounts may be reduced *pro rata* by the commanding officer when necessary, or increased by the Quartermaster-General in special cases.

---

### THE RATION.

The quantity of each part of the ration is as follows : 12 ounces of pork or bacon, or 1 pound 4 ounces of fresh or salt beef, 1 pound 2 ounces of bread or flour, or 12 ounces of hard bread, or 1 pound 4 ounces of corn meal ; 64-100 of a gill of beans, 1 6-100 of an ounce of rice, or 1 5-100 of an ounce of desiccated potatoes, 1 6-100 of an ounce of coffee, or 24-100 of an ounce of tea; 2 4-100 ounces of sugar, 32-100 of a gill of vinegar, 16-100 of an ounce of sperm candles, 64-100 of an ounce of soap, 16-100 of a gill of salt, 1 ounce of mixed vegetables.

“ During the rebellion in the Southern States, the ration is to be increased as follows :—Twenty-two ounces of bread or flour, or one pound of hard bread, instead of the present issue ; fresh beef shall be issued as often as the commanding officer of any detachment or regiment

shall require it, when practicable, in place of salt meat; beans and rice shall be issued in the same ration in the proportion now provided by the regulation, and one pound of potatoes per man shall be issued at least three times a week, if practicable; and when those articles cannot be issued in those proportions, an equivalent in value shall be issued in some other proper food, and a ration of tea may be substituted for a ration of coffee upon the requisition of the proper officer."

When a soldier is detached on duty, and it is impracticable to carry his subsistence with him, or when stationed in a city with no opportunity of messing, the ration is commuted at 75 cents per day.

### ALLOWANCE OF CLOTHING.

A soldier is allowed the uniform clothing in the following statement, or articles thereof of equal value. When a balance is due him at the end of the year, it is added to his allowance for the next.

*Cap*, complete—2 the first year, 1 the second, 2 the third, 1 the fourth, 1 the fifth—total, 7 in five years.

*Hat*, with trimmings complete—one each year.

*Fatigue Forage Cap*—one each year.

*Pompon*—1 the first, and 1 the third year.

*Eagle and Ring*—1 the first, and one the third year.

*Cover*—one each year.

*Coat*—2 the first, 1 the second, 2 the third, 1 the fourth, and 2 the fifth—total, 8 for 5 years.

*Trowsers*—3 the first, 2 the second, 3 the third, 2 the fourth, and 3 the fifth—total, 13 in 5 years.

*Flannel Shirt*—3 each year—total, 15.

*Flannel Drawers*—1 the first, and 1 the third year—total, 2 for 5 years.

\**Bootees*—4 pair each year—total, 20 in 5 years.

*Stockings*—4 pair each year—total, 20 in 5 years.

*Leather Stock*—1 the first and 1 the third—total, 2 in 5 years.

*Great-coat*—1 the first year.

\*Mounted men may receive one pair of "boots" and two pairs of "bootees," instead of four pairs of bootees.

*Stable-frock*, for mounted men—1 the first, 1 the third—total, 2 in 5 years.

*Fatigue Overalls*, for Engineers and Ordnance—1 each year—total, 5 in 5 years.

*Blanket*—1 the first and 1 the third year—total, 2 in 5 years.

## Forts, Castles, Batteries and Arsenals,

### OF THE UNITED STATES.

#### FORTS.

- Adams, Rhode Island—Newport harbor, east side of the entrance, on Brenton's Point.
- Calhoun, Virginia—Hampton Roads of the Chesapeake, at the Rip Raps.
- Carroll, Maryland—Baltimore harbor, at Soller's Point Flats.
- Caswell, North Carolina—On Oak Island, mouth of Cape Fear River.
- Clinch, Georgia—On Amelia Island, mouth of St. Mary's River.
- Columbus, New York—On Governor's Island, harbor of New York.
- Constitution, New Hampshire—Portsmouth Harbor.
- Delaware, Delaware—Pea Patch Island, Delaware River.
- Gaines, Alabama—Mobile Bay, on Dauphin Island.
- George, Upper Canada—British, opposite Fort Niagara.
- Gibson, New York—On Ellis Island, New York harbor.
- Hamilton, New York—Harbor of New York, left of "The Narrows," near Fort Lafayette.
- Independence, Massachusetts—On Castle Island, south side of inner harbor of Boston.
- Jackson, Georgia—West bank of Savannah River.
- Jackson, Louisiana—Right bank of the Mississippi River, 70 miles below New Orleans.
- Jefferson, Florida—At the Garden Key, Tortugas.
- Johnson, North Carolina—At Smithville, right bank of Cape Fear River, 28 miles from Wilmington.

- LaFayette, New York**—Harbor of New York, left of "The Narrows."
- Livingston, Louisiana**—On Grand-terre Island, in Barataria Bay.
- McClary, Maine**—Portsmouth harbor.
- McHenry, Maryland**—Baltimore harbor.
- Mackinack, Michigan**—On the Island of Michilimackinack.
- Macomb, Louisiana**—Outlet of Lake Pontchartrain.
- Macon, North Carolina**—Beaufort Harbor.
- Madison, Maryland**—At Annapolis.
- McRae, Florida**—Pensacola harbor.
- Mifflin, Pennsylvania**—On Mud Island, seven miles below Philadelphia.
- Monroe, Virginia**—On Old Point Comfort, Hampton Roads.
- Montgomery, New York**—At Rouse's Point.
- Morgan, Alabama**—At Mobile Point.
- Moultrie, South Carolina**—Charleston harbor.
- Nelson, Virginia**—Norfolk harbor.
- Niagara, New York**—Right bank of Niagara River.
- Ontario, New York**—Right bank of the river.
- Pickens, Florida**—On Santa Rosa Island, Pensacola Harbor.
- Pike, Louisiana**—At the Rigolets, an outlet of Lake Pontchartrain.
- Porter, New York**—Redout near Buffalo harbor, at Black Rock.
- Phoenix, Massachusetts**—Fairhaven, opposite Palmer's Island.
- Preble, Maine**—On Spring Point, Portland harbor.
- Pulaski, Georgia**—On Cockspar Island, mouth of Savannah river.
- Richmond, New York**—On Staten Island, at "The Narrows."
- St. Philip, Louisiana**—70 miles below New Orleans.
- Scammel, Maine**—On House Island, Portland harbor.
- Schuyler, New York**—At Throg's Neck, on Long Island Sound.
- Severn, Maryland**—At Annapolis.
- Sullivan, Maine**—At Eastport.
- Sumpter, South Carolina**—Charleston harbor.

- Taber, Massachusetts—Clark's Point, New Bedford harbor  
 Taylor, Florida—At Key West.  
 Tompkins, New York—On Staten Island.  
 Trumbull, Connecticut—At New London.  
 Warren, Massachusetts—Boston harbor.  
 Washington, Maryland—On the Potomac River, 15 miles below Washington city.  
 Wayne, Michigan—On the Detroit Straits, 3 miles below Detroit.  
 Winthrop, Massachusetts—Boston harbor, on Governor's Island.  
 Wolcott, Rhode Island—On Goat Island, Newport harbor.  
 Wood, New York—On Bedloe's Island, New York harbor.

**CASTLES.**

- Clinton, New York—Off the Battery, New York City.  
 Pinckney, South Carolina—Charleston harbor.  
 Williams, New York—Governor's Island.

**BATTERIES.**

- Hudson, New York—On Staten Island.  
 Morton, New York—On Staten Island.  
 West Head, Massachusetts—Boston harbor.

**ARSENALS.**

Arsenal.	State or Territory.
Kennebec.....	Maine.
Watertown.....	Massachusetts.
Watervleit.....	New York.
New York.....	New York.
Alleghany.....	Pennsylvania.
Frankfort.....	Pennsylvania.
Pikesville.....	Maryland.
Washington.....	District of Columbia.
Fort Munroe.....	Virginia.
North Carolina.....	North Carolina.
Charleston.....	South Carolina.
Mount Vernon.....	Alabama.
Baton Rouge.....	Louisiana.
Texas.....	Texas.
St. Louis.....	Missouri.
Benicia.....	California.

There is a National Armory at Springfield, Mass., Captain Dyer, U. S. Army, Superintendent, and one at Harper's Ferry, Va., Henry W. Clowe, Civil Superintendent. The Detroit Arsenal, at Dearbornville, Mich.; the Champlain Arsenal and Ordnance Depot at Vergenes, Vt.; the Rome, at Rome, N. Y.; the Augusta, at Augusta, Ga.; the Appalachicola, at Chattahooche, Fla.; the Little Rock Arsenal, Ark., and the Santa Fe, at Santa Fe, New Mexico, are under charge of military storekeepers. The Bellona Arsenal is not used at present. An Ordnance Sergeant is at the post, in charge of the buildings and grounds.

## Military Posts of the United States.

### DEPARTMENT OF THE EAST.

Augusta Arsenal.....	Georgia
Fort Mackinac.....	Michigan
Plattsburgh Barracks.....	New York
Fort Independence.....	Massachusetts
West Point.....	New York
Fort Columbus.....	"
Fort Hamilton.....	"
Carlisle Barracks.....	Pennsylvania
Fort Sumter... ..	Charleston, S. C.
Newport Barracks.....	Kentucky
Fort Monroe.....	Virginia
Fort Moultrie.....	South Carolina
Barrancas Barracks.....	Florida
Key West Barracks.....	"

### DEPARTMENT OF THE WEST.

Fort Ripley.....	Minnesota
Fort Abercrombie.....	"
Fort Ridgely.....	"
Fort Randall.....	Nebraska
Fort Laramie.....	"

Fort Kearney .....	“
Fort Leavenworth .....	Kansas
Fort Ripley.....	“
Fort Wise .....	“

**DEPARTMENT OF TEXAS.**

Fort Cobb....	Wichita City
Fort Arbuckle.....	Choctaw Nation
Fort Washita.....	Chickasaw
Camp Cooper.....	Texas
Fort Chadbourne.....	“
Camp Colorado.....	“
Camp Stockton.....	“
Fort Quitman.....	“
Fort Mason .....	“
Fort Lancaster .....	“
Fort Davis.....	“
Camp Hudson.....	“
Camp Verde .....	“
San Antonio Barracks.....	“
Fort Clark. ....	“
Fort Inge .....	“
Fort Brown.....	“
Fort Duncan .....	“
Fort McIntosh.....	“
Ringgold Barracks.....	“

**DEPARTMENT OF NEW MEXICO.**

Fort Garland.....	New Mexico
Fort Fauntleroy .....	“
Fort Breckenridge.....	“
Fort Union.....	“
Fort Defiance .....	“
Fort Marcy....	“
Albuquerque.....	“
Fort Craig.....	“



Fort Stabton.....	New Mexico.
Fort Filmore.....	“
Fort Bliss.....	Texas
Fort Buchanan.....	New Mexico.

### DEPARTMENT OF CALIFORNIA.

Fort Umpqua.....	Oregon
Fort Ter-waa.....	California
Fort Gaston.....	“
Fort Crook.....	“
Fort Humboldt.....	“
Fort Bragg.....	“
Benicia Barracks.....	“
Presidia.....	San Francisco
Fort Mojave.....	New Mexico
Fort Tejoo.....	California
New San Diego.....	“
Fort Yuma.....	“
Fort Churchill.....	Utah Territory

### DEPARTMENT OF UTAH.

Fort Bridger.....	Utah Territory
Camp Floyd.....	“

### DEPARTMENT OF OREGON.

Harvey Depot... Colville Valley,	Washington Territory
Camp Pickett.....	San Juan Island
Fort Townsend.....	“
Fort Chehalis.....	“
Fort Stellacoom.....	“
Fort Wella-Walla.....	“
Fort Cascades.....	“
Fort Vancouver.....	“
Fort Dalles.....	Oregon
Fort Yamhill.....	“

## Military Terms.

Adjutant communicates orders, forms the Regiments for drill, parade, etc., and acts as an assistant to the Lieut-Colonel. Adjutant-General's Department, Inspector-General's, Quartermaster-General's Commissary, Engineer, Ordnance, Pay, and Medical Department. *Army Corps*—A division of the army organized for a campaign—composed of Infantry, Cavalry and Artillery. The backbone of an army is the Infantry, which is sometimes divided into light and heavy Infantry. Four fifths of an army should be composed of Infantry, *Battalion*—A body of Infantry, or two or more Companies, under one command. A Regiment or a part of it, may be a Battalion. A Colonel may divide his Regiment into several parts, assigning separate commands to subordinate officers, and each part will be a Battalion. *Batteries*—When a number of Field-pieces or Artillery are arranged together they constitute a Battery. A Battery or Field Artillery is usually composed of six pieces. The cannon are six pound brass pieces, or twelve pound howitzers. *Brigade*—Two or more Regiments. *Brigadier-General*—Commander of a Brigade, entitled to one aid. The Columbiad or Paixham (pronounced payzan) is a large gun, designed principally for firing shells—it being far more accurate than the ordinary short mortar. Embrasure is the hole or opening through which guns are fired from fortifications. Loop-holes are openings in walls to fire musketry through.

---

We have now an army of upwards of 650,000 men. If we add to this the number of the discharged three months' volunteers, the aggregate force furnished to the government since April last, exceeds 750,000.

## The Telegraph Lines along the Coast,

*Proposed by Cyrus W. Field, and approved by General McClellan.*

Assuming that there can be no question as to the great advantages to be derived by the War and Navy Departments, and, in fact, the whole government, from the establishment of direct telegraphic communication between the seat of government and the principal military and naval stations which the government may have on our Southern Atlantic and Gulf coast, I would most respectfully recommend.

1. That the land line of telegraph be extended from its present terminus in Delaware, through Accomac and Northampton counties, in Virginia, to a point on the coast near Cape Charles.

	<i>Miles.</i>
2. That a submarine cable be laid from said point to Fortress Monroe .....	20½
3. That Newport News and Fortress Monroe be connected by a submarine cable.....	6½

Total to Fortress Monroe and Newport News.... 27

Thus, by the completion of this short land line, and the use of only 27 miles of submarine cable, direct communication would be established between Washington and Fortress Monroe and Newport News. Or, if there be any doubt about the government being able to maintain the land line through Accomac and Northampton counties in Virginia, a cable can be laid from Fortress Monroe and Newport News to Annapolis, or any other point desired, on the west coast of the Chesapeake Bay, near Washington.

4. That a cable be laid from Fortress Monroe to Fort Clark at Hatteras Inlet..... 152

Total to Hatteras Inlet..... 179

5. That Fort Clark at Hatteras Inlet, be connected with Fort Beauregard at Bay Point, Port Royal entrance ..... 352

Total to Port Royal..... 531

6. That Fort Beauregard and Fort Walker at Hilton Head, be connected by a cable..... 2½

7. That the southern point of Hilton Head Island be connected with Tybee Island at the entrance to Savannah, Ga. (The opposite ends of Hilton Head Island can be connected by a short land line)..... 6
- Total to Tybee Island..... 53 9½
- Or, instead of connecting the opposite ends of Hilton Head Island by a land line, a cable can be laid direct from the fort on Hilton Head to Tybee Island.
8. That a cable be laid from Tybee Island to Fernandina, Florida ..... 97
- Total to Fernandina..... 636½
- From Fernandina across Florida to Cedar Keys there is a railroad and a good land line of telegraph in operation.
9. That a cable be laid from Cedar Keys to Fort Pickens ..... 271
- Total to Fort Pickens..... 907½
10. That a cable be laid from Fort Pickens to Ship Island..... 102
- Total to Ship Island..... 1,009½
- Should government desire it to be done at any time, branch lines to connect with the main line, can be laid—
- From Ship Island to Galveston, Texas.....432 miles.
- From Cedar Keys to Key West.....329 “
- From Key West to Tortugas..... 72 “
- or to any other points on the coast with which it may be desirable to have telegraphic communication.

A careful examination of the charts of the above proposed routes will show that nature has interposed no obstacle to the successful prosecution of this enterprise.

The cable throughout the route may, and should be, laid in deep water, beyond the reach of either accidental or intentional injury.

ROUTE ONE.

	<i>Miles.</i>
Cape Charles to Fortress Monroe.....	20½
Fortress Monroe to Newport News.....	6½
Fortress Monroe to Fort Clark, at Hatteras Inlet....	152
Fort Clark, at Hatteras Inlet, to Fort Beaufort, at Bay Point, Port Royal entrance.....	352
Fort Beaufort to Fort Walker, at Hilton Head....	2½
Southern point of Hilton Head Island to Tybee Island, entrance to Savannah, Ga .....	6
Tybee Island to Fernandina, Fla.....	97

From Fernandian across Florida to Cedar Keys, there is a railroad and a good land line of telegraph in operation.

From Cedar Keys to Fort Pickens .....	271
From Fort Pickens to Ship Island.....	102
<b>Total.....</b>	<b>1,069½</b>

*Branches.*

Cedar Keys to Key West.....	320
Key West to Tortugas.....	72
<b>Total .....</b>	<b>401</b>
Ship Island to Galveston.....	432
	<b>833</b>
<b>Total . . . . .</b>	<b>1,842½</b>

**ROUTE TWO.**

Cape Charles to Fortress Monroe.....	20½
Fortress Monroe to Newport News.....	6½
Fortress Monroe to Fort Clark, at Hatteras Inlet....	152
Fort Clark, at Hatteras Inlet, to Fort Beauregard, at Bay Point, Port Royal Entrance.....	352
Fort Beauregard to Fort Walker, at Hilton Head....	2½
Southern point of Hilton Head Island, to Tybee Island, entrance to Savannah, Ga.....	6
Tybee Island to Fernandina, Fla.....	97
<b>Total .....</b>	<b>636½</b>
Fernandina to Key West.....	528
Key West to Tortugas.....	72
Tortugas to Fort Pickens....	475
Fort Pickens to Ship Island.....	102
<b>Total.....</b>	<b>1,813½</b>

*Branches.*

Ship Island to Galveston.....	432
<b>Total.....</b>	<b>2,245½</b>

The cable can be landed at any other point on the coast that may be desired.

**EXPERIMENTS WITH ARMOR.**

An experiment is to be made upon a suit of steel armor, imported as a sample of armor to be worn by officers. It has been subjected to very severe tests, and is capable of resisting even a Minnie ball, at an ordinary distance.

## The Army Appropriation Bill.

The bill reported from the Committee of Ways and Means, making appropriations for the support of the army, provides for the support of the army for the year ending the 30th of June, 1863, as follows:—

For expenses of recruiting, transportation of recruits, and compensation to citizen surgeons for medical attendance,.....	\$180,000 00
For purchase of books of tactics and instructions for volunteers,.....	50,000 00
For pay of the army,.....	8,905,318 00
For commutation of officers' subsistence,.....	1,574,186 50
For commutation of forage for officers' horses,	283,414 00
For payments to discharged soldiers for clothing not drawn,.....	150,000 00
For payments in lieu of clothing for officers' servants,.....	71,630 00
For pay of volunteers under acts of 22d and 25th of July, 1861,.....	147,283,282 00
For subsistence in kind for regulars and volunteers,	56,429,170 80
For the regular supplies of the Quartermaster's Department,.....	30,300,000 00
For the incidental expenses of Quartermaster's Department.....	16,000,000 00
For the purchase of cavalry and artillery horses,	3,913,680 00
For mileage or the allowance made to officers of the army for the transportation of themselves and their baggage, when travelling on duty, without troops, escorts or supplies,....	1,000,000 00
For hire or commutation of quarters for officers on military duty, hire of quarters for troops, of storehouses for the safe keeping of military stores, of grounds for summer cantonments, for the construction of temporary huts, hospitals and stables, and for repairing public buildings at established posts,.....	3,500,000 00
For heating and cooking stoves,.....	75,000 00
For gun-boats on the Western rivers,.....	1,000,000 00
For contingencies of the army,.....	400,000 00
For clothing for the army, camp and garrison equipage, and for expenses of offices and arsenals,.....	30,630,717 91
For the Medical and Hospital Department,.....	3,500,000 00
For contingent expenses of the Adjutant General's Department, at Department Headquarters	200,000 00
For compensation of the Clerk and Messenger in the office of the Commanding General.....	200,000 00

For contingent expenses of the office of the Commanding General,.....	300 00
For supplies, transportation and care of prisoners of war,.....	1,124,576 00
For amount of fortifications,.....	1,620,500 00
For the current expenses of the ordnance service,	732,600 00
For ordnance, ordnance stores and supplies, including horse equipments for all mounted troops,.....	7,380,000 00
For the manufacture of arms at the National Armory,.....	1,800,000 00
For repairs and improvements and new machinery at the National Armory at Springfield, Mass.,.....	150,000 00
For the purchase of gunpowder and lead,.....	1,100,000 00
For additions to and extension of shop-room, machinery, tools and fixtures at arsenals,....	500,000 00
For survey of military defences,.....	100,000 00
For purchase and repair of instruments,.....	10,000 00
For printing charts of lake surveys,.....	10,000 00
For continuing the survey of the Northern and North-western lakes, including Lake Superior	105,000 00
For pay of two and three years' volunteers,....	50,000,000 00
For payments to discharged soldiers for clothing not drawn,.....	50,000 00
For subsistence in kind for two and three years' volunteers,.....	26,688,902 00
For transportation of the army and its supplies,	14,000,881 00
For the purchase of dragoon and artillery horses,.....	1,661,040 00
For clothing, camp and garrison equipage,....	12,173,546 77
For the medical and hospital department,.....	1,000,000 00
For amount required to refund to the States' expenses, incurred on account of volunteers called into the field,.....	15,000,000 00
<b>Total,.....</b>	<b>\$442,833,744 98</b>

### HEAVY ORDNANCE ORDERED.

- The Ordnance Department has issued orders to the three largest cannon foundries in the country—the Fort Pitt in Pittsburgh, the West Point, and Alger's in Boston—to manufacture to their utmost capacity, 10-inch columbiads, for the next twelve months. Their present make would, in that time, yield eighteen hundred guns. Contracts for immense quantities of small ordnance, rams, and shot and shell, have been made.

**PROPOSED REDUCTION**

**OF THE PAY OF COMMISSIONED ARMY OFFICERS.**

The reduction in pay per month which the commissioned officers of the army will be subjected to if the Senate bill passes both Houses will be as follows:—

	Present Pay.	Proposed Pay.
Major General,.....	\$469 00	300
Brigadier General,.....	323 50	240
Colonel,.....	218 00	200
Lieutenant Colonel,.....	194 00	180
Major,.....	175 00	150
Captain,.....	118 50	120
First Lieutenant,.....	108 50	100
Second Lieutenant,.....	103 50	80
Surgeon General,.....	228 33	200
Surgeons, ten years' service,..	223 00	180
Surgeons, less than ten years,..	187 00	150
Surgeons, five years' service,..	137 00	120
Surgeons, less than five years,..	120 00	100
Paymaster General,.....	228 33	200
Deputy Paymaster General,.....	211 00	180
Paymaster,.....	187 00	150
Chaplain,.....	—	80
All military storekeepers.....	—	120

**The Fortification Appropriation Bill.**

The Fortification Bill which passed the House makes the following appropriations for the year ending June 30, 1862:—

For fortifications on the Northern frontier, including fortifications at Oswego, Niagara, Buffalo, Detroit and Mackinaw,.....	\$750,000
For Fort Montgomery, at the outlet of Lake Champlain, N. Y.....	50,000
For Fort Knox, Penobscot River, Me.....	50,000
For Fort on Hog Island Ledge, Portland harbor, Me	50,000
For Fort Winthrop and the exterior batteries at Boston harbor, Mass.....	50,000
For Fort at New Bedford harbor, Mass.....	50,000
For Fort Adams, Newport, Rhode Island.....	50,000
For Fort Schuyler, East river, New York,.....	25,000
For Fort at Willett's Point, opposite Fort Schuyler, N. Y.....	50,000
For Fort Richmond, Staten Island, New York.....	25,000
For Fort on the site of Fort Tompkins, Staten Island New York.....	50,000



For the commencement of the casemate at the battery on Staten Island, New York.....	100,000
For a new battery at Fort Hamilton, at the Narrows, New York .....	100,000
Fort Mifflin, near Philadelphia, Pennsylvania.....	25,000
For a new fort opposite Fort Delaware, on the Delaware shore,.....	200,000
For Fort Monroe, Hampton Roads, Va.....	50,000
For Fort Taylor, Key West, Fla.....	100,000
For Fort Jefferson, Garden Key, Fla....	100,000
For an additional Fort at the Tortugas, Fla.....	200,000
For a Fort at Ship Island, Coast of Mississippi.....	100,000
For contingencies of fortifications,.....	100,000
For bridges, trains and equipage.....	250,000

The following appropriations are for the year ending June 30, 1863:—

For Fort Montgomery, at the outlet of Lake Champlain, New York .....	100,000
For Fort Knox, at the narrows of Penobscot river, Maine,.....	100,000
For the Fort on Hog Island Ledge, Portland harbor, Maine, ...	100,000
For Fort Warren, Boston harbor,.....	75,000
For Fort Winthrop Boston harbor,.....	50,000
For Fort at New Bedford harbor,.....	100,000
For Fort at Willet's Point, opposite Fort Schuyler, New York.....	200,000
For Fort on the site of Fort Tompkins, Staten Island, New York,.....	200,000
For Fort at Sandy Hook, New Jersey.....	300,000
Fort Delaware, on Delaware river.....	60,000
Fort Carroll, Baltimore harbor, .....	200,000
Fort Calhoun, Hampton Roads, .....	200,000
For Fort Taylor, Key West, Florida.....	200,000
For Fort Jefferson, Garden Key, Fla....	200,000
Fort at Fort Point, San Francisco Bay, Cal.,.....	200,000
Fort at Alcatraz Island, San Francisco Bay, Cal....	150,000
For Contingencies of fortifications, including field works.....	500,000
For bridge trains and equipage for armies in the field.....	250,000
For tool and seige trains for armies in the field,....	250,000
<b>Total .....</b>	<b>\$5,960,000</b>

DEFENSES OF BOSTON HARBOR.

The plan of defences for Boston harbor, when completed, will make it a perfect Sebastopol. It embraces a fort to be built on Nantasket Head, Fort Warren, a Fort off Long Island, Fort Independence, Fort Winthrop, and a Fort at Jeffries' Point, South Boston.

**PAY OF THE NAVY, PER ANNUM.**

<b>CAPTAINS, the senior flag officer.....</b>	<b>\$4,500</b>
"    commanding squadrons.....	5,000
"    all others on duty at sea.....	4,200
"    on other duty.....	3,600
"    on leave or waiting orders.....	3,000
<b>COMMANDERS on duty at sea.....</b>	
"    1st 5 yrs. after date of commiss'n..	2,825
"    2d    "          "          "      ....	3,150
"    on other duty,.....	
"    1st 5 yrs. after date of commiss'n..	2,662
"    2d    "          "          "      ....	2,825
"    all others.....	2,250
<b>LIEUTENANTS, commanding at sea.....</b>	<b>2,550</b>
"    on duty at sea .....	1,500
"    after 7 yrs. sea service in navy.....	1,700
"    "    9      "          "          ....	1,900
"    "    11    "          "          ....	2,100
"    "    13    "          "          ....	2,250
"    on leave on waiting orders.....	1,200
"    after 7 yrs. sea service in navy.....	1,266
"    "    9      "          "          ....	1,333
"    "    11    "          "          ....	1,400
"    "    13    "          "          ....	1,450
<b>SURGEONS FLEET .....</b>	<b>3,300</b>

<b>SURGEONS on duty at sea, . . . . .</b>	
“ 1st 5 yrs. after date of commis’n . . .	2,200
“ 2d “ “ “ . . . . .	2,400
“ 3d “ “ “ . . . . .	2,600
“ 4th “ “ “ . . . . .	2,800
“ 20 years and upwards “ . . . . .	3,000
“ on other duty . . . . .	
“ 1st 5 yrs. after date of commis’n . . .	2,000
“ 2d “ “ “ . . . . .	2,200
“ 3d “ “ “ . . . . .	2,400
“ 4th “ “ “ . . . . .	2,600
“ 20 years and upwards “ . . . . .	2,800
“ on leave or waiting orders . . . . .	
“ 1st 5 yrs. after date of commis’n . . .	1,600
“ 2d “ “ “ . . . . .	1,800
“ 3d “ “ “ . . . . .	1,900
“ 4th “ “ “ . . . . .	2,100
“ 20 years and upwards . . . . .	2,300
<b>PASSED ASSISTANT SURGEONS. . . . .</b>	
“ on duty at sea . . . . .	1,500
“ on other duty . . . . .	1,400
“ on leave or waiting orders . . . . .	1,100
<b>ASSISTANT SURGEONS on duty at sea. . . . .</b>	1,250
“ on other duty . . . . .	1,050
“ on leave or waiting orders . . . . .	800
<b>PAYMASTERS on duty at sea . . . . .</b>	
“ 1st 5 yrs. after date of commis’n . . .	2 000
“ 2d “ “ “ . . . . .	2,400
“ 3d “ “ “ . . . . .	2,600
“ 4th “ “ “ . . . . .	2,900
“ 20 years and upwards “ . . . . .	3,100
“ on other duty . . . . .	
“ 1st 5 years after date of commis’n . .	1,800
“ 2d “ “ “ . . . . .	2,100
“ 3d “ “ “ . . . . .	2,400
“ 4th “ “ “ . . . . .	2,600

“	20 years and upwards	“	....	2,800
“	on leave or waiting orders.....			
“	1st 5 yrs. after date of commis'n. ..			1,400
“	2d “ “ “	“	....	1,600
“	3d “ “ “	“	....	1,800
“	4th “ . “	“	....	2,000
“	20 yrs. and upwards	“	....	2,250
<b>CHAPLAINS</b> same pay as Lieutenants.....				
<b>PROFESSORS</b> of Mathematics, on duty.....				1,800
“	on leave or waiting orders.....			960
<b>MASTERS</b> in the line of promotion.....				
“	on duty as such at sea.....			1,200
“	on other duty.....			1,100
“	on leave or waiting orders.....			825
<b>PASSED MIDSHIPMEN</b> , on duty as such at sea... ..				1,000
“	on other duty....			800
“	leave or waiting orders.....			650
<b>MIDSHIPMEN</b> , at sea.....				550
“	on other duty..			500
“	leave of absence or waiting. ....			450
<b>CHIEF ENGINEERS</b> , on duty....				
“	1st 5 yrs. after date of commis'n....			1,800
“	2d “ “ “	“	....	2,200
“	3d “ “ “	“	....	2,450
“	15 years “ “	“	....	2,600
<b>1ST ASSISTANT ENGINEERS</b> , on duty... ..				1,250
“	leave or waiting orders.....			900
<b>2D ASSISTANT ENGINEERS</b> , on duty.....				1,000
“	on leave or waiting orders .....			750
<b>3D ASSISTANT ENGINEERS</b> , on duty.....				750
“	on leave or waiting orders.....			600
<b>BOATSWAINS,</b>	} on duty at sea.....			
<b>GUNNERS,</b>		1st three years sea service....		
<b>CARPENTERS,</b>		after date of warrant. ....		1,000
<b>SAILMAKERS,</b>		2d 3 yrs. after date of warrant		1,150
“	3d “ “ “	“	....	1,250
“	4th “ “ “	“	....	1,350

"	12 years and upward...	1,450
"	on other duty...	
"	1st 3 yrs. sea service after date war.	800
"	2d " " " .....	900
"	3d " " " .....	1,000
"	4th " " " .....	1,100
"	12 years and upward " .....	1,200
"	on leave or waiting orders.....	
"	1st 3 yrs. sea service, after date war.	600
SAILMAKERS,	2d three yrs. sea service, after date war	700
"	3d " " " ..	800
"	4th " " " ..	900
"	12 years and upwards.....	1,000

NOTE.—One ration per day only is allowed to each Officer when attached to vessels for sea service, since the passage of the law of the 3d of March, 1835, regulating the pay of the Navy.

### HEAVY GUNS RECEIVED.

The Navy Department is receiving thirty Dahlgreen guns of the heaviest calibre every week, which are immediately mounted on board the new gun-boats and other war vessels.

The House has passed the following bills:—Providing for the construction of twenty iron-clad steam gun-boats, which are to cost over half a million dollars each; a million of dollars for gun-boats in the Western waters; one hundred and fifty thousand to complete the defences of Washington.

# VESSELS OF WAR,

OF

# THE UNITED STATES NAVY.

Names.	Guns.	Tons.	Names	Guns.	Tons
<i>Ships of the Line, 10.</i>			<i>Sloops of War, 21</i>		
Pennsylvania*	120	3241	Cumberland	24	1725
Columbus	80	2480	Savannah	24	1726
Ohio	84	2757	Constellation	22	1452
N. Carolina	84	2633	Macedonian,	22	1341
Delaware	84	2633	Portsmouth	22	1022
Vermont	84	2633	Plymouth	22	989
New Orleans	84	2805	St. Mary's	22	958
Alabama	84	2633	Jamestown	22	985
Virginia	84	2633	Germantown	22	939
New York	84	2632	Saratoga	20	882
<i>Frigates, 10.</i>			John Adam	20	700
Constitution	50	1607	Vincennes	20	700
United States	50	1607	Vandalia	20	783
Potomac	50	1726	St. Louis	20	700
Brandywine	50	1726	Cyane	20	792
Columbia,	50	1726	Levant (lost)	20	792
Congress	50	1867	Decatur	16	566
Raritan	50	1726	Marion	16	566
St. Lawrence	50	1726	Dale	16	566
Santee	50	1726	Preble	16	566
Sabine	50	1726			

\* Burnt.

Names.	Guns.	Tons.	Names.	Guns.	Tons
<i>Brigs, 3.</i>			Mohawk	6	464
Bainbridge	6	259	Sumpter	5	464
Perry	6	280	Wyandott	6	454
Dolphin	4	224	Pocahontas	5	694
<b>STEAMERS.</b>			<i>Screw Tender, 1</i>		
<i>Screw, 1st Class 8.</i>			Anacostia		217
Niagara	12	4580	<i>Side-Wheel, 1st Class, 3.</i>		
Roanoke	40	3400	Mississippi	10	1692
Colorado	40	3400	Susquehanna	15	2450
Merrimack (P)	40	3220	Powhattan	9	2415
Minnesota	40	3200	<i>Side-Wheel, 2d Class 1.</i>		
Wabash	40	3200	Saranac	6	1446
Franklin	50	3680	<i>Side-Wheel, 3d Class 3.</i>		
Stevens' War St'r	6	4683	Fulton	5	698
<i>Screw 2d Class. 6.</i>			Michigan	1	582
San Jacinto	13	1446	Saginaw	3	453
Lancaster	18	2360	<i>Side-Wheel Tenders, 2</i>		
Pensacola	16	2158	Water-Witch	1	378
Brooklyn	14	2070	Pulaski		395
Hartford	14	1990	<i>Store Vessels, 3.</i>		
Richmond	14	1929	Relief	2	468
<i>Screw 3d Class, 15.</i>			Supply	2	547
Massachusetts	9	765	Release	1	327
John Hancock	2	382	<i>Permanent Store and Receiv-</i>		
Mohican	6	984	<i>ing Ships.</i>		
Narragansett	3	816	Independence		2257
Iroquois	6	1016	Alleghany		989
Wyoming	6	997	Princeton		900
Pawnee	6	1289	Warren		691
Dacota h	6	996	Fredonia		800
Seminole	3	801	Falmouth		730
Crusader	8	549			
Mystic	5	464			

VESSELS PURCHASED.

Name,	Class.	Tonnage.	paid.
Flag	Propeller	938	\$90,000
Massachusetts	Propeller	1155	172,500
South Carolina	Propeller	1165	172,500
Thos. Freeborn	Sidewheel steamer	269	32,500
Resolute	Propeller	90	15,000
Reliance	Propeller	90	15,000
Roman	Ship	350	7,400
Wm. Badger	Ship	334	7,150
Penguin	Propeller	389	75,000
Albatross	Propeller	378	75,000
Yankee	Sidewheel steamer	328	19,000
Keystone State	Sidewheel steamer	1364	125,000
Chas. Phelps	Ship	362	7,000
Connecticut	Sidewheel steamer	2250	200,000
Rhode Island	Sidewheel steamer	1517	185,000
Pampero	Ship	1375	29,000
National Guard	Ship	1046	35,000
Nightingale	Ship	—	23,000
J. C. Kuhn	Ship	888	32,000
Chotank	Schooner	53	1,250
Louisiana	Steamer	235	35,000
Stars and Stripes	Propeller	407	55,000
Brazeliera	Bark	540	22,000
Satellite	Steamtug	150	36,000
Gen. W. G. Putnam	Steamtug	123	
Jas. Adgar	Sidewheel steamer	1142	85,000
Fear Not	Sailing ship	1012	40,000
Cambridge	Steamer	—	80,000
Valley City	Propeller	190	18,000
Augusta	Sidewheel	1310	96,000
Alabama	Steamer	1261	93,000
Roebuck	Bark	455	20,000
Midnight	Bark	387	19,000
E. B. Hale	Propeller	220	23,000
Florida (1st)	Steamship	1261	87,500
Fernandina	Bark	297	15,000
Lucky Star	Bark	—	—
Flash	Bark	—	—
Amanda	Bark	368	15,000



Name.	Class.	Tonnage.	paid.
Wm. G. Anderson		600	—
Zephyr	Bark	—	—
Young Rover	Steam bark	—	27,500
Gem of the Sea	Bark	371	15,000
Mercedita	Steamship	1070	*100,000
Arthur	Bark	554	20,000
Gemsbok	Ship	622	*—
Kingfisher	Clipper whaler	451	17,000
Quaker City	Sidewheel	1428	117,000
Restless	Bark	266	12,000
Mercury	Steamtug	183	} 36,000
O. M. Petit	Steamtug	130	
Jacob Bell	Steamtug	229	12,000
Ceres	Steamtug	150	12,100
Varuna	Propellor	1300	135,000
New boat at Norwich	Propeller	400	31,000
Rescue (N. Y.)	Steamtug	—	17,300
R. R. Cuyler	Propeller	2040	} 305,000
Huntsville	Propeller	840	
Montgomery	Propeller	840	
Underwriter	Sidewheel steamer	—	18,500
R. B. Forbes	Tug	—	52,500
Baltimore	Sidewheel steamer	250	35,000
Powhattan (2d)	Sidewheel steamer	—	*—
Philadelphia	Sidewheel steamer	—	*—
Rescue (Phila.)	Steamtug	—	17,500
Ino	—	895	40,000
De Soto	Sidewheel steamer	1675	} 322,000
Bienville	Sidewheel steamer	1600	
Florida	Bark	297	14,000
New London	Propeller	240	30,000
Racer	Schooner	200	7,500
Sarah Bruin	Schooner	233	7,000
Shepard Knapp	Ship	838	36,872
C. F. Williams	Schooner	210	6,000
Sophonria	Schooner	217	8,000
O. H. Lee	Schooner	200	7,000
Morning Light	Ship	910	37,500
Pursuit	Bark	600	22,000
Island Belle	Steamtug	150	24,000

\*Owners add \$15,060 to cost in addition.

Name.	Class.	Tonnage.	paid.
Courier, (new)	Ship	554	20,000
Onward	Ship	874	27,000
Bohio	Brig	197	9,000
H. Andrews	Propeller	—	24,000
Isaac Smith (new)	Propeller	—	50,000
J. E. Lockwood	Steamtug	180	16,000
Arletta	Schooner	250	8,500
Dan Smith	Schooner	150	8,000
M. Vassar, Jr.	Schooner	216	7,500
Wm. Bacon	Schooner	183	6,000
John Griffith	Schooner	240	8,000
Para (new)	Schooner	260	10,500
Eastern City	Sidewheel steamer	750	50,000
Emerald	Ship	600	5,500
Gunboat	Iron clad	1000	—
Ethan Allan	Bark	600	—
*Daylight,	Propeller	650	55,000
*Dawn	Propeller	400	35,000
Potomska	Propeller	237	33,000
Wamsutta	Propeller	270	27,000
Monticello,	Propeller	650	} †105 000
Mount Vernon,	"	650	
Mississippi,	Steamship,	2,000	200 000
Eagle,	"	1,550	185 000
Dawn,	Bark,	387	19,000
Wyandank,	Ferryboat,	400	19 000
Sea Foam,	Brig	251	10 000
H. Beals	Bark	196	10 000
Young America,	Steamtug	180	20 000
S. Stones	Ferry-boat	—	20 000
West World	Propeller	—	37 000
Uncas	"	190	10 000
Sachem	"	180	10 000
Seneca	"	180	10 000
Henry James	Schooner	260	11 000
A. C. Powell	Steamtug	90	5 000

\*The total amount paid previous to their purchase for the charter of the Dawn, was \$36,886.66; Daylight, \$38,400. †Including charter money due.

Name.	Class.	Tonnage.	Paid.
Narragansett	"	100	14 500
Orretta	Schooner	171	8 000
S. C. Jones	"	245	10 500
M. J. Carleton	"	178	7 200
Com. Perry	Ferryboat	512	38 000
E. Allen	"	512	38 000
Madgie	Propellor	210	13 000
T. A. Ward	Schooner	284	11 500
A. Houghton	Bark	330	11 500
Norwich	Propellor	450	43 600
H. Brincker	"	109	13 000
Patroon	"	186	15 500
I. N. Seymour	Tug	140	18 000
Norfolk Packet	Schooner	349	12 000
P. Jackson	Ferryboat	700	60 000
Morse	"	512	40 000
Victoria	Propellor	260	25 000

In a few instances the price is not given, complete returns not having been made.

---

Names.	Class.	Guns.	Tons
Maratanzo	Steamer	9	900
Shawsheene	Gunboat	2	—
Georgia	Gunboat	4	—
S. J. Holly	Propeller	4	—
.Flambeau	Gunboat	7	950
Active	Steamer	4	480
Wm. L. Marcy	Steamer	6	190
Shubrick	Steamer	3	250
Whitehall	Ferryboat	—	—
Westfield	Ferryboat	—	1000
Clifton	Ferryboat	—	1000
Saxon	Propeller	2	400

CHARTERED WAR VESSELS.

Union	7,000 per month	Propeller
Pembroke	—	Tug
Edwin Forrest	25 per day	Tug
Tigress	35 per day	Tug
Herbert*	40 per day	Tug
Pusey*	30 per day	Tug

Propeller Curlew has been offered for the sum of \$45,000.

VESSELS BUILT.

*Steam Sloops.*

Name.	Yard where Built.
Tuscarora	Philadelphia Navy Yard.
Juniata	Philadelphia Navy Yard.
Oneida	New York Navy Yard.
Adirondack	New York Navy Yard.
Wachusett	Boston Navy Yard.
Housatonic	Boston Navy Yard.
Kearsage	Portsmouth Navy Yard.
Ossipee	Portsmouth Navy Yard.

*Gunboats.*

Name.	Where built.	By whom.
Tahoma	Wilmington, Del	W. & A. Thatcher.
Wissahickon	Philadelphia	John Lynn.
Scioto	Philadelphia	John Birely.
Itasca	Philadelphia	Hillman & Streaker.
Unadilla	New York	John Englis.
Ottawa	New York	J. A. Westervelt.
Pembina	New York	Thos. Stack.
Port Eoyal	New York	Thos. Stack.
Seneca	New York	Jeremiah Simonson.
Chippewa	New York	Webb & Bells.
Winona	New York	C. & R. Poillon.
Owasco	Mystic River, Ct	Maxson, Fish & Co.
Kanawha	E. Haddam	E. G. & W. H. Goodspeed
Cayuga	Portland	Gildersleeve & Son.
Huron	Boston	Paul Curtis.
Chocura	Boston	Curtis & Tilden.
Sagamore	Boston	Messrs. Sampson.
Marblehead	Newburyport	G. W. Jackman, Jr.

Name.	Where built.	By whom.
Kennebec	Thomaston, Me	G. W. Lawrence.
Aroostook	Kennebunk, Me	A. W. Thompson.
Kineo	Portland, Me	J. W. Dyer.
Katahdin	Bath, Me	Larrabee & Allen.
Penobscot	Belfast, Me	C. P. Carter & Co.
Pinola	Baltimore	J. J. Abrahams.

The steam sloops are of about 1,200 and 1,400 tons burthen.

The gunboats are of about 500 tons burthen, are of light draught, strongly built, and are calculated to carry one 150-pound rifled gun and four 32-pounders.

### THE STONE FLEET.

We give below a full official list of the old vessels purchased by the Navy Department, and loaded with stone, for the purpose of blocking up the Southern ports :

Name.	Class.	Where purchased.	Cost.
Corea.....	Ship.....	New London.....	\$2300
Tenedos.....	Bark.....	New London.....	1650
Lewis.....	Ship.....	New London.....	3250
Fortune.....	Bark.....	New London.....	3250
Robin Hood.....	Ship.....	Mystic.....	4000
Archer.....	Ship.....	New Bedford.....	6300
Cossack.....	Bark.....	New Bedford.....	2200
Amazon.....	Bark.....	Fairhaven.....	3675
T. Henrietta.....	Bark.....	New Bedford.....	4000
Garland.....	Bark.....	New Bedford.....	3150
Harvest.....	Bark.....	Fairhaven.....	4000
American.....	Bark.....	Edgartown.....	3370
Timor.....	Ship.....	Sag Harbor.....	2290
Meteor.....	Ship.....	Mystic.....	4000
Rebecca Sims.....	Ship.....	Fairhaven.....	4000
L. C. Richmond.....	Ship.....	New Bedford.....	4000
Courier.....	Ship.....	New Bedford..	5000
M. Theresa.....	Ship.....	New Bedford.....	4000
Kensington.....	Ship.....	New Bedford.....	4000
Herald.....	Ship.....	New Bedford.....	4000
Potomac.....	Ship.....	Nantucket.....	3500
Peter Demil.....	Ship.....	New York.....	2600

Phoenix.....	Ship ..	New London.....	2600
Leonidas.....	Bark....	New Bedford.....	3050
S. America.....	Bark....	New Bedford.....	3600
Edward.....	Bark....	New York.....	4000
Mechanic.....	Ship ...	Newport .....	4300
Messenger .....	Bark....	Salem.....	2250
India .....	Ship....	New Bedford.....	5500
Noble.....	Bark....	Sag Harbor.....	4300
Valparaiso.....	Ship....	New Bedford.....	5000
N. England.....	Ship ...	New London.....	5000
Dove.....	Bark....	New London.....	2500
Newburyport.....	Ship....	Boston.....	4500
William Lee.....	Ship....	Newport.....	4200
Emerald .....	Ship....	Sag Harbor.....	5500
Majestic.....	Bark....	New Bedford.....	3150
Stephen Young.....	Brig....	New Bedford.....	1600

The total amount paid for old ships for blockading purposes is \$160,205, including 21 schooners bought in Baltimore and sunk in the North Carolina Inlets.

### IRON-PLATED VESSELS OF WAR.

Five iron-plated ships or batteries are now in process of construction—one in New York by J. Ericsson, another at Philadelphia by Merrick & Son, and a third at New Haven by Bushnell & Co. The cost of these vessels will be \$1,290,750.

It is interesting to observe that while we now have five iron-clad vessels in progress, the Secretary of the Navy includes in his estimate the cost of building a fleet of *twenty* of these invincible monsters. The specifications are ready, and the contracts will soon be given out.

On the 4th of March last, all the Government vessels available for service against the rebels were only four in number, carrying twenty-five guns. Our navy now consists of 264 vessels of all sizes, carrying 2557 guns, and having an aggregate tonnage of 218,016 tons. The number of seamen now employed is 22,000. Of 136 vessels purchased, 79 are propelled by steam; all the 52 constructed or nearly finished are steam vessels.

## BRIEF SUMMARY

## OF THE NAVAL FORCE OF THE UNITED STATES.

Number of vessels, total,.....	264
“ of guns, “ .....	2,557
“ of seamen, “ .....	22,000
Number effective steam vessels,.....	164
“ guns,.....	1,055
“ effective sailing vessels,.....	82
“ guns,.....	837
“ effective vessels of war, total,.....	246
“ guns,.....	1,892

The above statement of *effective* naval force does not include the store-ships and transports of the regular navy, or those chartered by government, for the emergencies of war.

## POPULATION

OF THE PRINCIPAL

## Cities, Towns, and Villages, IN THE UNITED STATES IN 1860.

MAINE.		VERMONT.	
Portland,	26,342	Burlington,	7,713
Bangor,	16,407	Rutland,	7,577
Biddeford,	9,349		
Bath,	8,076	MASSACHUSETTS.	
Augusta,	7,609	Boston,	177,481
Rockland,	7,816	Lowell,	36,827
Saco,	6,223	Cambridge,	26,060
Calais,	5,621	Roxbury,	25,137
Belfast,	5,520	Charlestown,	25,063
Westbrook,	5,113	Worcester,	24,960
		New Bedford,	22,300
		Salem,	22,252
NEW HAMPSHIRE.		Lynn,	19,083
Manchester,	20,107	Lawrence,	17,639
Concord,	10,896	Taunton,	15,376
Nashua,	10,065	Springfield,	15,199
Portsmouth,	9,335	Fall River,	14,027
Dover,	8,502		

**MA SSACHUSETTS.**

Newburyport,	13,401
Chelsea,	13,395
Gloucester,	10,903
Haverhill,	9,995
Dorchester,	9,769
Milford,	9,132
Abington,	8,527
Newton,	8,382
Pittsfield,	8,045
Somerville,	8,025
Fitchburg,	7,805
Weymouth,	7,742
Marblehead,	7,646
Chicopee,	7,261
Adams,	6,924
Northampton,	6,788
Quincy,	6,778
Woburn,	6,778
N. Bridgewater,	6,584
So. Danvers,	6,549
Waltham,	6,397
Dedham,	6,330
West Roxbury,	6,310
Plymouth,	6,272
Beverly,	6,154
Attleboro',	6,066
Marlboro',	5,911
Malden,	5,865
Randolph,	5,760
Natick,	5,515
Blackstone,	5,453
Brookline,	5,164
Barnstable,	5,129
Danvers,	5,110
Westfield,	5,054
Holyoke,	4,996

**RHODE ISLAND.**

N. Providence,	11,818
Newport,	10,508
Warwick,	8,916
Cumberland,	8,339
Cranston,	7,500
Bristol,	5,271

**CONNECTICUT.**

New Haven,	39,269
Hartford,	29,152
Norwich,	14,047
Bridgeport,	13,299
New London,	10,115
Waterbury,	10,004
Stonington,	7,740
Norwalk,	7,582
Meriden,	7,426
Danbury,	7,234
Stamford,	7,185
Greenwich,	6,522
Derby,	5,444
New Britain,	5,212
Enfield,	4,937

**NEW YORK.**

New York,	813,668
Brooklyn,	266,664
Buffalo,	81,131
Albany,	62,368
Rochester,	48,243
Troy,	39,235
Syracuse,	28,199
Utica,	22,528
Oswego,	16,817
Kingston,	16,640
Newburg,	15,198
Poughkeepsie,	14,726
Newtown,	13,725
Hempstead,	12,375
Yonkers,	11,848

**RHODE ISLAND.**

Providence,	50,665
Smithfield,	13,283



NEW YORK.		NEW YORK.	
Auburn,	10,986	Middletown,	6,243
Flushing,	10,139	Manlius.	6,028
Cortland,	10,075	Corning,	6,003
Brookhaven,	9,923	Little Falls,	5,989
Schenectady,	9,579	Verona,	5,966
Fishkill,	9,546	Champlain,	5,857
Saugerties,	9,536	Southold,	5,833
Morrisania,	9,245	Lisbon,	5,640
Oyster Bay	9,168	Hector,	5,623
Parishville,	9,033	Ellisburgh,	5,614
Greenbush,	8,929	Phelps,	5,586
Huntington,	8,925	East Chester,	5,582
West Troy,	8,820	Lansingburg,	5,577
Johnstown,	8,811	N. Hempsted,	5,419
Cohoes,	8,800	Haverstraw,	5,401
Elmira,	8,682	Galen,	5,340
Seneca,	8,448	Arcadia,	5,318
Binghamton,	8,326	Milton,	5,255
Volney,	8,045	Sullivan,	5,233
Lenox,	8,024	Deer Park,	5,186
Watertown,	7,572	Bath,	5,187
Ogdensburgh,	7,410	Onondaga,	5,123
Hudson,	7,252	Amherst,	5,098
Barre,	7,227	Lyons,	5,077
Queensburg,	7,146		
Canandagua,	7,075	NEW JERSEY.	
Orangetown,	7,060	Newark,	71,941
Ithaca,	6,843	Jersey City,	29,226
Castleton,	6,778	Patterson,	19,588
Potsdam.	6,737	Trenton,	17,221
Plattsburg,	6,680	Camden,	14,358
Niagara,	6,603	Elizabeth,	11,567
Walkill,	6,603	N. Brunswick,	11,255
Malone,	6,565	Hoboken,	9,652
Saratoga,	6,521	Orange.	8,877
Lockport,	13,523	Bergen,	7,429
Jamaica,	6,515	Hudson,	7,229
Canton,	6,379	Rahway,	7,180
Catskill,	6,275	Hackensack,	5,483
Rome,	6,246	Burlington,	5,174

**PENNSYLVANIA.**

Philadelphia,	565,531
Pittsburg,	49,220
Alleghany,	28,703
Reading,	23,162
Lancaster,	17,603
Harrisburg,	13,406
Pottsville,	9,444
Erie,	9,419
Scranton,	9,223
Easton,	8,944
York,	8,605
Allentown,	8,026
Danville,	6,385
Birmingham,	6,046
Carlisle,	5,664
Carbondale,	5,575
Hempfield,	5,450
Chambersburg,	5,257
Columbia,	5,007

**DELAWARE.**

Wilmington,	21,258
-------------	--------

**MARYLAND.**

Baltimore,	212,419
Cumberland,	8,478
Frederick,	8,143
Frostburg,	6,286

**DIST'CT OF COLUMBIA.**

Washington,	61,118
Georgetown,	8,733

**NORTH CAROLINA.**

Wilmington,	9,553
Newbern,	5,434

**SOUTH CAROLINA.**

Charleston,	51,210
Columbia,	8,083

**VIRGINIA.**

Richmond,	37,910
Petersburgh,	18,266
Norfolk,	14,609
Wheeling,	14,184
Staunton,	14,124
Waynesboro',	13,626
Alexandria,	11,226
Portsmouth,	9,487
Lynchburg,	6,853
Fredericksburg,	5,022

**GEORGIA.**

Savannah,	22,292
Augusta,	12,493
Columbus,	9,621
Atlanta,	9,554
Macon,	8,247

**FLORIDA.**

Pensacola,	3,680
Key West,	2,832
Jacksonville,	2,128

**ALABAMA.**

Mobile,	29,259
Montgomery,	9,889
Tuscaloosa,	3,989
Prattville,	3,200

**MISSISSIPPI.**

Natchez,	13,553
Vicksburg,	4,591
Columbus,	3,308

**LOUISIANA.**

New Orleans,	168,472
Algiers,	5,816
Baton Rouge,	5,428
Jefferson,	5,107

<b>TEXAS.</b>		<b>INDIANA.</b>	
San Antonio,	8,274	Indianapolis,	18 612
Galveston,	8,177	New Albany,	12,647
Houston,	5,000	Evansville,	11,486
<b>ARKANSAS.</b>		Fort Wayne,	10,388
Little Rock,	3,827	Lafayette,	9,426
Fort Smith,	1,529	Terra Haute,	8,594
Camden,	1,343	Madison,	8,133
<b>TENNESSEE.</b>		Richmond,	6,603
Memphis,	22,625	La Porte,	5,128
Nashville,	16,987	<b>ILLINOIS.</b>	
<b>KENTUCKY.</b>		Chicago,	109,263
Louisville,	69,740	Peoria,	14,425
Covington,	16,471	Quincy,	13,718
Newport,	10,046	Galena,	8,196
Lexington,	9,321	Bloomington,	7,076
<b>OHIO.</b>		Springfield,	6,499
Cincinnati,	161,044	Alton,	6,333
Cleveland,	36,054	Aurora,	6,011
Dayton,	20,482	Galesburg,	5,626
Columbus,	18,555	Rockford,	5,281
Toledo,	13,768	Rock Island,	5,130
Zanesville,	9,229	<b>OREGON.</b>	
Sandusky,	8,408	Portland,	1,371
Chilicothe,	7,657	<b>WISCONSIN.</b>	
Hamilton,	7,223	Milwaukee,	45,254
Springfield,	7,202	Racine,	7,822
Portsmouth,	6,268	Janesville,	7,703
Steubenville,	6,154	Madison,	6,611
<b>MICHIGAN.</b>		Oshkosh,	6,086
Detroit,	45,619	Fond du Lac,	5,450
Grand Rapids,	8,058	Watertown,	5,302
Adrian,	6,213	<b>IOWA.</b>	
Kalamazoo,	6,070	Dubuque,	13,012
<b>MINNESOTA.</b>		Davenport,	11,266
St. Paul,	10,401	Keokuk,	8,137
St. Anthony,	3,258	Burlington,	6,706
Minneapolis,	2,564	Muscatine,	5,324
		Iowa City,	5,214

<b>MISSOURI.</b>		<b>WASHINGTON TERR'Y.</b>	
St. Louis,	151,780	Pt. Townsend,	264
St. Joseph,	8,932	<b>UTAH TERRITORY.</b>	
Hannibal,	6,505	Great Salt Lake City; 8,218	
Lexington,	4,115	Ogden,	
Jefferson City,	2,500	1,464	
<b>KANSAS.</b>		<b>NEVADA TERRITORY.</b>	
Leavenworth,	7,429	Virginia City,	
Atchison,	2,616	2,345	
Lawrence,	1,645	Carson City,	
<b>CALIFORNIA.</b>		708	
San Francisco,	56,805	<b>NEBRASKA TERR'Y.</b>	
Sacramento,	13,788	Nebraska City,	
<b>COLEBADO TERR'Y.</b>		1,912	
Denver,	4,749	Omaha,	
Golden City,	1,014	1,888	
		<b>NEW MEXICO.</b>	
		Santa Fe,	
		4,635	
		Messilla,	
		2,406	
		<b>DACOTAH TERR'Y.</b>	
		Pembina,	
		3,556	

## Population of the United States.

From the Census of 1860.

States.	Population.	States.	Population.
Alabama	964,296	Maine	628,276
Arkansas	435,427	Maryland	687,034
California	380,015	Massachusetts	1,231,065
Connecticut	460,151	Michigan	749,112
Delaware	112,218	Minnesota	162,022
Florida	140,439	Mississippi	791,395
Georgia	1,057,327	Missouri	1,173,317
Illinois	1,711,753	New Hampshire	326,072
Indiana	1,350,479	New Jersey	672,031
Iowa	674,948	New York	3,887,542
Kansas	107,110	North Carolina	992,667
Kentucky	1,155,713	Ohio	2,339,599
Louisiana	709,433	Oregon	52,464

State.	Population.	TERRITORIES, ETC.	
Pennsylvania	2,906,370	Colorado	34,197
Rhode Island	174,621	Dakotah	4,839
South Carolina	703,312	Nebraska	28,842
Tennessee	1,109,847	Nevada	6,857
Texas	601,039	New Mexico	93,541
Vermont	315,116	Utah	40,295
Virginia	1,596,083	Washington	11,578
Wisconsin	775,873	Dist. of Columbia	75,076
		<b>Total,</b>	<b>31,429,891</b>

---

## SLAVE POPULATION

### OF THE UNITED STATES,

From the Census of 1860.

S T A T E S			
Alabama	435,132	S Carolina	402,541
Arkansas	111,104	Tennessee	275,784
Delaware	1,798	Texas	180,388
Florida	61,753	Virginia	490,887
Georgia	462,230	TERRITORIES, ETC.	
Kentucky	225,490	Nebraska	10
Louisiana	332,520	New Mexico	24
Maryland	87,188	Utah	29
Mississippi	436,696	Dist. Columbia	3,181
Missouri	114,965		
N. Carolina	331,081	<b>Total,</b>	<b>3,952,801</b>

## Population of African Descent ON THIS CONTINENT.

United States.....	4,500,000
Brazil.....	4,150,000
Cuba.....	1,500,000
South and Central America.....	1,200,000
Hayti.....	2,000,000
British Possessions..	800,000
French.....	250,000
Dutch, Danish and Mexican.....	200 000
<hr style="width: 20%; margin: 0 auto;"/>	
Total.....	14,600,000

## ROUTES AND DISTANCES,

### BY RAILROAD AND WATER.

#### DISTANCES FROM BOSTON.

To	Miles.		Miles
Halifax, N. S.,	387	Savannah, Ga.	900
Liverpool, Eng.,	2.884	Fort Pickens, Fla.	1.850
Southampton "	2 886	Mobile, Ala.,	1.925
Fortress Monroe, Va.,	575	New Orleans, La.,	2.000
Charleston, S. C.,	800		

#### DISTANCES FROM BOSTON, (by Railroad.)

To	Miles.		Miles
Albany, N. Y.,	200	New York City	236
Augusta, Me.,	166	Philadelphia, Pa.,	324
Baltimore, Md.,	422	Portland, Me.,	104
Buffalo, N. Y.,	500	Quebee, C. E.,	423
Charleston, S. C.,	1,020	Richmond, Va.,	590
Chicago, Ill.,	1.014	Savannah, Ga.,	1.142
Cincinnati, Ohio,	934	St. Louis, Mo.,	1.204
Montreal, Ca.,	320	Washington, D. C.,	485

**DISTANCES FROM ST. ANTHONY Via Missis-  
sippi River.)**

To	Miles.	Miles
St. Paul, Min.,	12	Cairo, Ill., 910
Dubuque, Iowa,	312	Memphis, Tenn., 1.152
Galena, Ill.,	333	Vicksburg, Miss., 1,535
Rock Island, Ill.,	420	Natchez, Miss., 1.550
Burlington, Ill.,	509	Baton Rouge, La., 1.810
Hannibal, Ill.,	618	New Orleans, La., 1.950
St. Louis, Mo.,	742	

**DISTANCES FROM PITTSBURG. (Via Ohio  
River.)**

To	Miles.	Miles
Wheeling, Va.,	100	Louisville, Ky., 635
Portsmouth, Va.,	382	Cairo, Ill., 1.012
Cincinnati, Ohio,	495	

**DISTANCES FROM WASHINGTON, by Rail-  
road.**

To	Miles.	Miles
Aquia Creek, by Water,	55	Norfolk, Va. 230, by Water, 155
Thence by Railroad to		Wilmington, N C., 430
Richmond, Va.,	130	Augusta, Ga., 550
Petersburg, Va.,	152	Charleston, S. C., 600
Weldon, N. C.,	216	Savannah, Ga., 710
Lynchburg, Va.,	118	Chicago, Ill., 862
Montgomery, Ala.,	1.018	Cincinnati, Ohio, 667
New Orleans, La.,	1.200	Cleveland, Ohio, 508
Baltimore, Md.,	38	St. Louis, Mo., 938
Boston, Mass.,	458	Toronto, C. E., 620
Buffalo, N. Y.,	440	

**DISTANCES FROM WASHINGTON, By Rail-  
road.**

To	Miles.	Miles
Alexandria (by water)	7	Beltsville, 11
Annapolis Junction,	20	Cumberland, Md., 140
Annapolis,	30	Charlottesville, Va., 118
Baltimore,	38	Ft'ss Monroe (via C. Bay,) 225
Bladensburgh,	5	

	Miles.		Miles.
Fredericksburgh, Va.,	70	New York,	226
Havre de Grace, via C. Bay and An. R. R.)	85	" via Sea, C. Bay, and Potomac River,	530
Harrisburgh, Pa.,	123	Philadelphia,	136
Harper's Ferry, (by Poto- mac R.; 53,)	84	Petersburgh,	152
Jessup's Cut,	23	Richmond,	130
Laurel,	16	Washington Junction,	29
Lynchburgh,	177	Weldon, N. C.,	216
Manassa Gap Junction	35	Wilmington, N. C.,	378
Mt. Clare Junction,	36	White Oak Bottom,	14
Mt. Vernon (by water or road,)	14	Winchester,	81

**DISTANCES FROM RICHMOND, VA.**

To	Miles.		Miles
Baltimore, .	168	Staunton, Va.,	116
Charlottesville, Va.,	79	Weldon, N. C.,	82
Lynchburgh, Va.,	132	Washington City	130
Norfolk, Va.,	116	Yorktown,	91

**DISTANCES FROM NEW YORK, (By Water.)**

To	Miles.		Miles
Aspinwall, via Havana,	2.340	London, Eng.,	3.200
San Francisco, Cal.,	5.249	Melbourne, Aus.,	12.900
Calcutta, via Cape Good Hope	17.478	Nangasaki, Japan,	9.750
Via Panama,	13.350	St. Petersburg, Rus.,	4.400
Havana, Cuba,	1.275	Vera Cruz, Mexico,	2.190
		San Francisco, by the over- land Mail,	3.000

**DISTANCES FROM WASHINGTON, (By Rail-  
road.)**

To	Miles		Miles
Bladensburgh,	5	Annapolis Junction,	20
Point Branch,	8	Jessup's Cut,	23
Beltsville,	11	Washington Junction,	29
White Oak Bottom,	14	Mt. Clare Junction,	36
Laurel,	16	Baltimore,	38
Watson's Cut,	18	Havre de Grace,	74



**DISTANCES FROM BALTIMORE, (By Railroad.**

To	Miles.	Miles
Annapolis Junction,	17	Norfolk (via water) 175
Cockeysville,	15	New York, 188
Cumberland,	178	Philadelphia, 98
Ellicott's Mills,	15	Parkersburgh, Va., on
Frederic, at Monocacy		Ohio R., 383
River,	58	Richmond, 188
Havre de Grace, Md.,	36	Washington, 38
Hanover Junction,	43	Wheeling, Va., on Ohio
Harper's Ferry, Va.,	81	R., 379
Harrisburgh, Pa.,	85	Williamsport, Pa., on
Monocacy, Md.,	85	Susq. R., 178

**DISTANCES FROM CAIRO, ILL., Mouth of the Ohio River, by Steamboat.**

To	Miles.	Miles
St. Louis, Mo.,	172	Pittsburgh, 1013
Columbus, Ky.,	18	To the Mounds, by the
Memphis,	242	Chicago Railroad, 8
New Orleans,	1,040	Villa Ridge, 10
Paducha, or Tenn. River	47	Pulaski, 16
Louisville,	376	Wetang, 24
Cincinnati,	516	Jonesboro', 32
Wheeling,	913	Chicago, 365

---

**GOVERNORS OF STATES AND TERRITORIES,  
FOR 1862.**

Alabama.....	— Shorter.....	Rebel
Arkansas .....	Henry M. Rector.....	Rebel
California.....	Leland Stanford.....	Union
Connecticut.....	Wm. A. Buckingham.....	Union
Delaware.....	William Burton.....	Union
Florida .....	John Milton.....	Rebel
Georgia.....	Joseph E. Brown.....	Rebel
Illinois.....	Richard Yates.....	Union
Indiana .....	Oliver P. Morton*.....	Union
Iowa.....	Samuel J. Kirkwood.....	Union
Kentucky.....	Beriah Magoffin... ..	Union
	George W. Johnson.....	Rebel

Kansas.....	Charles Robinson.....	Union
Louisiana.....	Thomas O. Moore.....	Rebel
Maine.....	Israel Washburne, Jr.....	Union
Maryland.....	Augustus W. Bradford.....	Union
Massachusetts.....	John A. Andrew.....	Union
Michigan.....	Austin Blair.....	Union
Mississippi.....	Jacob Thompson.....	Rebel
Missouri.....	Hamilton B. Gamble.....	Union
	Clairborne F. Jackson.....	Rebel
Minnesota.....	Alexander Ramsey.....	Union
New Hampshire.....	N. S. Berry.....	Union
New Jersey.....	Charles C. Olden.....	Union
New York.....	Edwin D. Morgan.....	Union
North Carolina.....	— Clark†.....	Rebel
	Marble Nash Taylor.....	Union
Ohio.....	David Tod.....	Union
Oregon.....	John Whiteaker.....	Union
Pennsylvania.....	Andrew G. Curtin.....	Union
Rhode Island.....	William Sprague.....	Union
South Carolina.....	Francis W. Pickens.....	Rebel
Tennessee.....	Isham G. Harris.....	Rebel
Texas.....	Frank R. Lubbock.....	Rebel
Vermont.....	Frederick Holbrook.....	Union
Virginia.....	Francis H. Pierrepont.....	Union
	John Letcher.....	Rebel
Wisconsin.....	Louis P. Harvey.....	Union
<i>Territories.</i>		
Nebraska.....	Alvin Sanders.....	Union
Nevada.....	James W. Nye.....	Union
Washington.....	Wm. H. Wallace.....	Union
Colorado.....	Wm. Gilpin.....	Union
Utah.....	John W. Dawson.....	Union
New Mexico.....	— Connelly.....	Union
Dacotah.....	— .....	
Arizona.....	— .....	In rebellion

\* Mr. Morton was elected Lieutenant Governor, but became acting Governor on the election of Hon. Henry L. Lane to the Senate of the United States.

† Mr. Clark was elected Lieutenant Governor, but succeeded to the Executive chair after the death of John W. Ellis.

# THE ENGLISH NAVY.

## STEAM VESSELS.

### *Screw Ships of the Line.*

Three deckers,.....6	Horse-power,* total,..18,780
Two Deckers,.....30	Tonnage, " ..107,847
Number vessels, total,....36	Guns, " ....3,374

\* Horse-power of one three-decker not given.

### *Screw Coast Guard and Block Ships.*

Number vessels, total,.....9	Tonnage, total,.....76,046
Horse-power, " ...2,800	Guns, " .....540

### *Screw Frigates.*

Number vessels, total,.....19	Tonnage, total,.....45,188
Horse-power, " ..10,360	Guns, " .....813

### *Screw Corvettes.*

Number vessels, total,.....14	Tonnage, total,.....19,453
Horse-power, " ..4,950	Guns, " .....293

### *Screw Sloops.*

Number vessels, total,.....33	Tonnage, total,.....23,136
Horse-power, " ...5,774	Guns, " .....349

### *Paddle-Wheel Frigates.*

Number vessels, total,.....9	Tonnage, total..... 984
Horse-power, " ..4,730	Guns, " .....169

### *Paddle-Wheel Corvettes.*

Number vessels, total,.....7	Tonnage, total,.....8,656
Horse-power, " ...3,197	Guns, " .....42

### *Paddle-Wheel Sloops.*

Number vessels, total,.....61	Tonnage,* total,..... 42,332
Horse-power,* " ..14,517	Guns, " .....291

\*Tonnage and Horse-power of one sloop not given.

*Paddle-Wheel Tugs.*

Number vessels, total,.....18 | Tonnage,\* total,.....3,226  
 Horse-power, " ..1,990 | Guns,\* " .....15

\* Tonnage of five, and guns of twelve Tugs not given.

*Screw Gun Vessels.*

Number vessels, total,....21 | Tonnage, total,.....14,491  
 Horse-power, " ..4,580 | Guns, " .....93

*Screw Mortar Ships.*

Number vessels, total,.....4 | Tonnage, total,.....4,698  
 Horse-power, " ....850 | Guns, " .....48

*Screw Floating Batteries.*

Number vessels, total,.....8 | Tonnage, total,.....13,498  
 Horse-power, " 1,400 | Guns, " .....120

*Screw Transports.*

Number vessels, total,.....6 | Tonnage,\* total,.....3,744  
 Horse-power, " ..1,810 | Guns, " .....68

\*Of four vessels. tonnage not given.

*Screw Store-ships.*

Number vessels, total,.....9 | Tonnage,\* total,.....7,150  
 Horse-power,\* " ..2,240 | Guns,\* " .....4

\* Not given, Horse-power, 1; Tonnage, 4; Guns, 7.

*Paddle-Wheel and Sailing Tenders.*

Number vessels, total,.....30 | Tonnage,\* total,.....2,228  
 Horse-power,\* " 12,000 | Guns,\* " .....31

\*Not given, Horse-power, 19; Guns, 20; Tonnage. 22.

*Yachts.*

Number vessels, total,.....8 | Tonnage,\* total,.....4,327  
 Horse-power,\* " ..1,458 | Guns,\* " .....5

\* Not given, Horse-power, 3; Guns, 4; Tonnage, 3.

SAILING VESSELS.

*Ships of the Line.\**

Number vessels, total,....43 | Guns, total,.....3,763

\* 4 ordered to be fitted with screws. Only 13 or 15 really effective.

*Frigates.\**

Number vessels, total,....57 | Guns, total,.....2,618

\* 4 being fitted with screws. Only 14 or 16 effective

*Corvettes and Sloops.\**

Number vessels total,.....71 | Guns, total, .....1,168

\* Only 30 effective.

*Brigs.\**

Number vessels, total,....7 | Guns, total,.....38

\* Only one effective.

*Brigantines and Schooners.*

Number vessels, total,.....5 | Guns, total,.....13

*Cutters.*

Number vessels, total,....3 | Guns,\* total,.....6

\* One, guns not given.

*Surveying Vessels.*

Number vessels, total,....8 | Guns, total,.....28

\* Four, guns not given.

## DEPOTS, STORE-SHIPS, &amp;C.

Number vessels, total, ...23 | Guns, total,.....350

\*Eleven, guns not given.

## TRAINING AND GUNNERY SHIPS.

Number vessels, total,....3 | Guns, total,.....205

In addition to the above, there are 46 mortar vessels, (from 120 to 170 tons), and 150 mortar "floats." In many instances, the number of guns given, indicates the *capacity*, instead of the *actual armament*.

*Gun-Boats.*

Number vessels, total,....161 | Guns, from 2 to 4 each. ]

Most of the gun-boats are under 240 tons each.

VESSELS ON THE STOCKS,  
(Building or converting.)*Ships of the Line, (Screw.)†*

Number vessels, total,....12 | Guns, total,.....1,225  
Horse-power,\* " ..7,800 |

\* Of two ships not given.

†Of the above, six ships of the line, and five frigates were to be launched in 1859

*Frigates, (Screw.)\**

Number vessels, total,....7	Guns, total,.....308
Horse-power,* " 3,800	

\* Of one frigate, not given.

*Corvettes, &c., (Screw.)*

Number vessels, total,....12	Guns, total,.....206
Horse-power,* " ...860	

\* Of seven of the above not given.

VESSELS ORDERED.

Number vessels, total,....4	Guns, total,.....254
Horse-power,* " 1,600	

\*Of two not given.

These statistics are compiled from the official documents of 1859. Several Iron Clad Ships have been built or converted since that date, also a large number of Gun-Boats.

BRIEF SUMMARY OF THE PRESENT NAVAL FORCE OF ENGLAND.

Steam vessels of war, total,.....	432
“ ships of the line,.....	53
“ Frigates,.....	40
“ sloops,.....	98
“ gun-boats,.....	180
Sailing vessels of war, total,.....	128
“ ships of the line,.....	10
“ frigates,.....	17
“ vessels now building,.....	54
Other vessels available at short notice,.....	100
Grand total of effective Steam and Sailing Vessels,.....	614
Number of guns, not far from.....	12,000
Sailors,.....	84,000
Captains,.....	3:6
Lieutenants,.....	1,700

## England's Iron-clad Ships.

To furnish some idea of what the English are doing in the construction of iron batteries, we may add the following notice of her plated ships. The Warrior and Black Prince, iron screw propellers, both of the same size and capacity, are three hundred and eighty feet long, between perpendiculars, (four hundred and twenty feet over all),

of fifty-eight feet beam, forty-one and a half feet depth from spar deck to keel, twenty-six feet draught of water, and six thousand one hundred and seventy-seven tons burden, (builders' measurement;) with engines of one thousand two hundred and fifty horse-power. The plating extends two hundred and five feet of the length, and consists of four and one-half inch plates of solid iron, backed with two layers of teak timber, altogether eighteen inches thick. This extends nine feet below load water-line. Iron bulk-heads of the same strength as the sides, extend across the ship fore and aft of the protected portion, and within this space are six water-tight compartments. Inner bulk-heads also extend all around the protected portion of the hull, leaving passages three and a half feet wide, between them and the sides. The main-deck ports, fifteen and a half feet apart, are about eight and a half feet above water. Though nominally thirty-six gun ships, the armament consists of forty-eight guns, which, however, can be increased, and consist of sixty-eight pounders for the main deck, ten Armstrong seventy-pounders on the spar-deck, and two pivot one hundred pounders, one at each end. The speed of the Warrior has proved to exceed fourteen knots; and at sea she is reported to have behaved admirably in stormy weather. The Black Prince has obtained a higher speed than the Warrior.

The Achilles, now building, is of about the same dimensions, and is to be completely incased with armor. The Valiant, of the same character, is to be a thirty-two gun ship, of eight hundred horse power engines. Six others of the same class, of sixty guns each, are to be built, three already ordered. Beside these, a large number of wooden ships of about four thousand tons each, are building, with the express purpose of being armored. Their estimated cost is thirty-nine million dollars, and it is expected that they will be ready for sea by the end of the present year.

# THE FRENCH NAVY.

## STEAM VESSELS.

### *Screw Ships of the Line.*

No. vessels, (total),.....9		Guns,.....850
Horse-power,.....8,300		

### *Screw Frigates, (Fast.)*

No. vessels, (total),.....6		Guns,.....320
Horse-power,.....4,650		

### *Screw Corvettes, (Fast.)*

No. vessels, (total),.....7		Horse-power,.....2,720
Iron,.....1		Guns,.....70

### *Screw Avisos, or Despatch Boats, (Fast.)*

No. vessels, total,.....14		Horse-power, total,....2,420
Iron, ".....7		Guns, ".....32
Wood and iron, ".....1		

### *Ships of the Line, with Auxiliary Screws.*

No. vessels, total,.....24		Guns, total,.....2,170
Horse-power, ".....12,740		

### *Frigates, with Auxiliary Screws.*

No. vessels, total,.....9		Guns, total,.....445
Horse-power, ".....1,920		

### *Corvettes, with Auxiliary Screws.*

No. vessels, total.....2		Horse-power, total,.....320
Iron, ".....2		Guns, ".....8

### *Avisos, with Auxiliary Screws.*

Number vessels, total,.....3		Horse-power, total,.....155
Iron, ".....2		Guns, ".....8

### *Floating Batteries, with Screws.*

Number vessels, total,.....5		Guns, total,.....90
Horse-power, ".....1,125		



*Screw Gun-Boats.*

Number vessels, total,.....20		Guns, total,.....	64
Horse-power, " ..2,040			

*Screw Gun-Vessels.*

Number vessels, total,.....8		Guns, total,.....	24
Horse-power, " ...200			

*Steam Transports, with Auxiliary Screws.*

Number vessels, total,.....19		Horse-power, total,.....	2,830
Iron, " .....3		Guns, " .....	74

*Steam Frigates, (paddle.)*

Number vessels, total,.....19		Guns, total,.....	284
Horse-power, " ...9,340			

*Steam Corvettes, (paddle.)*

Number vessels, total,.....9		Horse-power, total,.....	2,640
Iron, " .....3		Guns, " .....	53

*Avisos, (paddles.)*

Number vessels, total,.....50		Horse-power, total,.....	8,480
Iron, " .....18		Guns, " .....	168

*Steam Tenders, (paddle.)*

Number vessels, total,.....14		Horse-power, total,.....	620
Iron, " .....4		Guns, " .....	28

*Line-of-Battle-Ships.*

Number vessels, total,.....14		Guns, total,.....	1,140
-------------------------------	--	-------------------	-------

*Frigates, (sailing.)*

Number vessels total,.....28		Guns total,.....	1,392
------------------------------	--	------------------	-------

*Corvettes, (sailing.)*

Number vessels, total,....15		Guns, total,.....	286
------------------------------	--	-------------------	-----

*Brigs, (sailing.)*

Number vessels, total,....33		Guns, total,.....	340
------------------------------	--	-------------------	-----

*Gun-Brigs, (sailing.)*

Number vessels, total,.....6		Guns, total,.....	24
------------------------------	--	-------------------	----

*Schooners, Cutters and small craft, (sailing.)*

Number vessels, total,.....36		Guns, total,.....	84
-------------------------------	--	-------------------	----

*Mortar Vessels, (sailing.)*

Number vessels, total, .....5 | Guns, total, .....10

*Transports, (sailing.)*

Number vessels, total, .....25 | Guns, total, .....58

## MEN-OF-WAR, (STEAM) ON THE STOCKS.

*Screw Line-of-Battle Ships, (Fast.)*

Number vessels, total, .....4 | Guns, total, .....360  
Horse-power, " ...3,400 |

*Screw Frigates, (Fast.)*

Number vessels, total, .....5 | Guns total, .....202  
Horse-power, " .. 4,400 |

*Screw Corvettes, (Fast.)*

Number vessels, total, .....2 | Horse-power, total, .....800

*Screw Avisos, (Fast.)*

Number vessels, total, .....8 | Horse-power, total, ..1,400  
Wood and iron, " .....4 |

*Frigates with Auxiliary Screws.*

No. vessels, wood and iron, | Horse power, total, .....750  
total, .....3 |

*Transports, with Auxiliary Screws, (on the stocks.)*

Number vessels, \* total, ....7 | Horse-power, total, ....1,490  
Iron, " .....2 | Guns, " .....28  
\*20 more ordered.

## SAILING VESSELS ON THE STOCKS.

*Frigates.*

Number vessels, total, .....12 | Guns, total, .....574

*Corvettes.*

Number vessels, total, .....3 | Guns, total, .....66

*Brigs-*

Number vessels, total, .....2 | Guns, total, .....24

*Compiled from Official Documents for 1859.*

**BRIEF SUMMARY OF THE PRESENT NAVAL FORCE OF  
FRANCE.**

Steam War Vessels, total .....	265
Sailing " " " .....	180
Grand Total, (Efficient, Sail and Steam,).....	445
Ships of the Line,.....	40
Frigates,.....	61
Number of Guns, total,,.....	8,422
"    Sailors,.....	30,000
"    Captains,.....	257

## THE FRENCH ARMY AND NAVY.

The following admirably written statement of the condition and efficiency of the French Army and Navy, has been kindly furnished us for publication. It was prepared in Paris, by a thoroughly competent and faithful hand.

All the cannon now used by the French are rifled. The equipment secures rapid movement over heavy grounds ; and plenty of spare men, horses and material, make up for casualties, and preserve efficiency in action.

I am also informed that the Emperor does not occupy himself much with new arms, but gives much attention to new modes of doing things, new drills, new tactics, new evolutions, new corps organized for special work in the field, the siege, the trenches, the escalades ; new ways of crossing rivers, ditches, marshes, climbing walls or houses and surmounting obstacles of all sorts, — much practice in manœuvring large bodies massed, much athletic practice with arms, with sticks and without either—a great deal of target firing with guns, rifles, and muskets, at various ranges and over variable grounds ; rapid marches and new paces, square, short, quick — a return in some degree to the athletic drill and physical discipline of the Roman Legions. The central ideas being the development of athletic endurance, rapidity of movement, accuracy of firing, and by the division of labor, speciality of employment and perfection of evolutionary drill, to produce the highest combined effect, with a given force.

As to the movements in ship building, &c., I can give you no information, for I can get none — but it is pretty clear that the Emperor does not consider the number of men as any gauge of the strength of an army. Small armies have generally done the greatest work. The Russian army on its present footing is about 850,000; the Austrian, 740,000; the Prussian, 720,000; the French, 626,000; the English pretend to muster 534,000, but this includes 218,000 blacks in India, 18,000 colonists, and 61,000 militia and yeomanry, 140,000 volunteers, 15,000 pensioners, and 12,000 constables.

There are no breech-loading guns in the army. The Emperor, I am told, does not like them; has tried them; thinks them too liable to blow out or get out of order, and too expensive; had experience of the Armstrongs in the China war, alongside his own, and, on the whole, prefers the latter. The artillery arm of the French army, (for field work) consists of 32 batteries of horse artillery, (6 guns) 192 guns; ten batteries foot artillery, sixty guns; six squadrons train pontooner, and one hundred batteries mounted artillery, six hundred guns; in all, eight hundred and fifty-two guns, thirty-seven thousand men, and about as many horses. The mounted artillery, one hundred batteries, is the great arm; each gun in marching order is as follows:—First, one gun, six horses and three postilions, (no man on the caisson); second, eight mounted gunners; third, one caisson, six horses, and three postilions; fourth, eight mounted ammunition men; fifth, three spare wheels—that is to say, the fore wheels of a gun carriage, with gun caisson, and spare wheel, (making three,) with two horses and one postilion; sixth, six spare horses and three postilions. The rack gun has sixteen mounted men, six postilions, and four spare postilions, eight spare horses, three spare wheels, and one spare gun caisson; in all, twenty-six men and twenty-six horses. Six of these form a battery.

My own impression is, that all breech-loading cannon fail in rapid work—they get hot—the parts expand unequally and no longer fit—gas gets in, and the parts become deranged or burst. I don't believe Armstrong's "cups" for gas, will afford any remedy. Nevertheless, rifled guns are a great improvement, on account of

length of range and accuracy — and elongated shot are better for some work, but they will not ricochet.

It is difficult to arrive at a fair comparison of the naval forces of England and France; but I make it that the French are superior in steam and inferior in sails, and that, if the two entire navies were ranged in line of battle, the forces would be so nearly equal that it would be difficult to say which would win; and I judge from a speech of Lord Ellenborough, at an agricultural meeting, that he arrives at a similar conclusion, as he says, "It is useless to deny that we cannot rely on it, that we have any superiority of naval force."

## THE SPANISH NAVY.

### SAILING VESSELS.

Guns.		Guns.	
2 ships of the line, each of 86		10 schooners,.....	1
4 frigates,.....32 to 42		5 luggers,.....	1
4 corvettes,.....16 to 30		10 transports,.....	2 to 4
9 brigs,.....10 to 20		—	
1 brigantine,.....6		45	

### STEAMERS

	Guns.	Horse-power.
3 frigates,.....	37 to 50	360
5 schooners,.....	2 to 80	130
<hr/>		
8 Screw Steamers,		
3 frigates,.....	16	500
8 brigs,.....	6	350
18 schooners.....	2 to 5	100 to 300
<hr/>		
29 Paddle Steamers.		
<hr/>		
37		

Altogether, 82 vessels, carrying 857 guns, and with engines of the aggregate power of 8,160 horses.

Besides the above, there are building 2 steam frigates, 37 guns, 360 horse power; 2 schooners, 200 horse power; 4 schooners, 80 horse power.

### COAST GUARD.

24 feluccas,.....87 estamparias

(Official documents, 1850.)

BRIEF SUMMARY OF THE PRESENT NAVAL FORCE OF SPAIN.

		Guns.
Ships of the line,.....	3	272
Frigates,.....	18	763
Corvettes,.....	5	95
Brigantines,.....	8	126
Schooners,.....	25	68
Schooners, second class,.....	8	12
Side-wheel steamers,.....	27	135
Feluccas, first class,.....	6	13
Feluccas, second class,.....	25	25
Gun boats,.....	17	17
	—	—
Total,.....	142	1,812
	Horse power.	Tons.
Steam transports, propellers, ..	9	1,680
Sailing, do .....	19	—
	—	—
Total afloat,.....	179	
In construction—Ships,.....	1	
do. Frigates, .....	10	
do. Schooners, ...	18	
	—	—
Grand total. ....	199 vessels,	and 1,812 guns.

## THE RUSSIAN NAVY.

### STEAMERS.

Screw ships of the line,....	7	Vessels of various kinds,...	41
Screw frigates,.....	11	Tender,.....	4
Screw corvettes,.....	12		
Screw lugger,.....	1	Total,.....	73

### SAILING VESSELS.

Ships of the line,.....	12	Clippers,.....	3
Frigates,.....	7	Yachts,.....	4
Corvettes,.....	7	Transports,.....	5
Brigs,.....	7	Barques,.....	7
Schooners,.....	11		
Xebecs,.....	7	Total,.....	85
Luggers,.....	5		

Grand total, 158. In addition to the above, the Russians have a considerable number of row gun-boats and screw gun-vessels.—*Official documents*, 1859.

## SWEDISH NAVY.

*Ships of the Line.*

2 Screw steamers (300 to 350 horse-power) 80 to 62 guns.

5 Sailing, 80 to 62 guns.

1 Building, 80 to 62 guns.

*Frigates.*

1 Screw steamer building (400 horse-power) 60 to 22 guns.

5 Sailing, 60 to 32 guns.

*Corvettes.*

3 Steam (300 to 200 horse-power.)

5 Sailing, 24 to 18 guns.

1 Gun brig.

7 Schooners and instruction-brigs.

*Gun-Boats.*

2 Screw steamers.

6 Screw steamers building.

13 Sailing schooners, rigged.

76 Large class (to row.)

122 Smaller class (to row.)

8 Mortar vessels.

3 Armed steam vessels (140 to 60 horse-power.)

5 Unarmed steam vessels.

25 Small sailing vessels.

21 Transports.

## DUTCH NAVY.

Guns.

2 Ships of the lines, each of.....	84
3 Ditto.....	74
7 First class frigates (3 of them screws)....	54-45
8 Second class frigates .....	38-36
1 Ditto, rase.....	23
10 Corvettes, (5 of them screws).....	19-12
7 Brigs.....	18-12
13 Schooners.....	10-4
10 Ditto, screw.....	8
14 Of various kinds, presenting together.....	94

2 Transports .....	—
2 Frigates } Guard vessels. }	11
1 Corvette }	
2 Ditto, training vessels. }	
1 Brig, coast-guard.	
55 Gun-boats.....	174
2 Screw ditto.....	4
1 Schooner, gun vessel.....	8

NORWEGIAN NAVY,

*Frigates.*

	Horse-power.	Guns.
1 Steam (building).....	500.....	52
1 Ditto.....	150.....	41
1 Sailing.....	—.....	44
1 Ditto.....	—.....	40

*Corvettes.*

1 Steam.....	225.....	14
1 Ditto.....	80.....	20
1 Ditto.....	200.....	6
1 Sailing.....	—.....	16
1 Ditto.....	—.....	10

*Brigs.*

1 Sailing.....	4
----------------	---

*Schooners.*

1 Steamer.....	20.....	6
1 Sailing.....	—.....	6
2 Ditto.....	—.....	5
2 Ditto.....	—.....	2

*Steamers.*

1 Steamer.....	120.....	2
1 (for towing gun-boats).....	80.....	2
2 Ditto.....	80.....	—

*Steam Gun-Boats.*

2 Steam Gun-boats.....	60.....	2
------------------------	---------	---

*Row Gun-Boats.*

78 Row Gun-boats.....	—.....	2
43 Ditto.....	—.....	1



## DANISH NAVY.

Sailing Ships of Line	4	Brigs.....	4
Total number of guns	324	Total number of guns	56
Sailing Frigates.....	6	Schooners.....	3
Total number of guns	290	Total number of guns	10
Screw Frigates.....	3	Cutter.....	1
Horse-power.....	1000	Guns.....	6
Total number of guns	128	Screw Gun-boats....	3
Corvettes.....	4	Paddle Steam-ships..	8
Total number of guns	72	Horse-power.....	1270
Screw Corvettes.....	3	Total number of guns	48
Horse-power.....	820	Mortar vessels.....	3
Total number of guns.	44	Transport ships.....	20

## NAVY OF THE TWO SICILIES.

	Aggregate number of guns.
2 Ships of the line.....	170
5 Frigates.....	264
2 Corvettes.....	36
5 Brigantines.....	100
2 Schooners.....	28— 598

*Steamers.*

	Total horse-power.	Guns.
2 Frigates.....	900	24
12 Ditto.....	3600	72
4 Corvettes.....	960	24
4 Smaller vessels.....	800	16
1 Ditto.....	120	4
6 Ditto.....	270	24
3 Transports.....		—
10 Mortar vessels.....		10
10 Gun-boats....		20
30 Ditto.....		40

98—Total vessels—with an aggregate of 6650 horse-power, and carrying..... 832

Since this list was prepared, however, the number of smaller vessels has been increased, bringing the total to 121.

**AUSTRIAN NAVY.**

Description.	Horse-power.	Guns.	Men.
1 Screw ship of the line....	800	91..	900
3 Ditto frigates.....	300	93..	1125
4 Sailing ditto.....	—	171..	1618
2 Screw corvettes.....	230	44..	520
5 Sailing ditto.....	—	82..	757
5 Brigs.....	—	72..	527
3 Steamers.....	300-350	18..	423
10 Smaller ditto .....	40-180	35..	608
3 Screw schooners.....	50-90	14..	67
4 Brigantine (Transports)..		26..	220
12 Gun sloops.....		40..	92
12 Pinnaces.....		36..	324
4 Row gun-boats.....		8..	312
11 Ditto yawls.....		11..	160
2 Pontoons.....		20..	330
1 Prahm, 1 mortar boat....		12..	120
43 Piroques for lagunes....		43..	90
7 Transports.....		0..	430
<hr/>		<hr/>	<hr/>
135		852	8707

**BELGIAN NAVY.**

1 Brig.....	12 shell-guns.
1 Schooner.....	12 cannonades.
5 Mail steamers.....	

**PERUVIAN NAVY.**

	Guns.
2 Frigates.....	79
2 Steamers.....	11
1 Brigantine.....	14
4 Small steamers.....	
1 Mail steamer.....	
5 Pontoons .....	
Total 15 vessels, carrying.....	104
1 Battalions of marines.....	458 men.
A corps of pilots.....	428 "

## PORTUGUESE NAVY.

1 Ship of the line.....	Guns	80
1 Frigate.....		50
3 Corvettes of 18 guns.....		54
2 Brigs of 18 guns.....		36
3 Ditto of 16 guns.....		48
1 Ditto.....		14
11 Schooners, &c.....		45
9 Transports.....		9
6 Steamers.....		26
<hr/>		
37		362
2 On the stocks.		

## PRUSSIAN NAVY.

2 Sailing frigates.....	Guns	86
2 Steam ditto.....		21
1 Screw corvette.....		28
1 Paddle ditto.....		28
1 Sailing ditto.....		12
1 Steam yacht.....		0
1 Transport.....		6
3 Schooners.....		6
1 Steamer.....		0
36 Gun boats, 2 guns each.....		72
6 Ditto yawls.....		6
<hr/>		
55 vessels of all kinds carrying.....		265

## CHILIAN NAVY.

1 Corvette.....	Guns	18
1 Brig.....		14
1 Ditto.....		10
1 Schooner.....		4
1 Steamer.....		20
<hr/>		
5.....		66

*Personnel.*—Two admirals, 16 captains, 14 lieutenants, 22 midshipmen. Total, 54.

## GREEK NAVY.

2 Corvettes, 48 guns. 1 Steam Corvette, 6. 3 Brigs. 32.  
 8 Schooners (4 steamers) 38. 1 Cutter, 8. 1 Yacht, 1.  
 2 Cutters (dispatch vessels). 4 Gun-boats, 12. 4 Gun  
 vessels, 4. Total, 26 vessels, 149 guns.

## MEXICAN NAVY.

This navy comprises 9 small vessels, carrying an  
 aggregate of 35 guns. The crews amount altogether to  
 300 men.

## SARDINIAN NAVY.

6 Steam frigates, 4 Sailing ditto, 3 Steam Corvettes,  
 4 Sailing ditto, 3 Steam avisos, or dispatch vessels, 4  
 Brigantines, 3 Steam Transports, 1 Tug.  
 Altogether 29 vessels and 436 guns.

## TURKISH NAVY.

7 Line of battle-ships, 6 Frigates, 4 Corvettes, 7 Brigs,  
 2 Mail packets, 23 Transports. Total 49.

## BRAZILIAN NAVY.

*Sailing Vessels.*—1 Frigate, 5 Corvettes, 2 Barques,  
 5 Brigs, 7 Brigantines, 4 Schooners, 2 Gun-boats. 26.

*Steamers.*—7 Screw 8 Paddle, 1770 horse-power. 15.

In the province of Matto Grosso there are 29 gun-  
 boats. In the autumn of 1858 the government were  
 building 3 frigates, 4 corvettes, and a steamer.

### *Marines.*

Commissioned and non-commissioned officers..... 672  
 Privates .....2663

Total.....3345

## REBEL FORCES IN THE FIELD.

The recent Messages of the rebel Governors, and other official documents put forth by the State authorities, enable us to form a pretty correct estimate of the strength of the rebels now in the field. It is leaving off odd hundreds, as follows:

State.	Authorities.	No.
Georgia.....	Governor's Message .....	27,000
Louisiana.....	Governor's Message.....	25,000
South Carolina...	Governor's Message.....	19,000
Virginia.....	Governor's Message.....	83,000
Tennessee.....	Governor's Proclamation.....	35,000
Kentucky.....	Estimated.....	10,000
Missouri.....	Price's proclamation.....	5,000
Alabama.....	Estimated.....	22,000
Mississippi.....	<i>Picksburg Sun</i> .....	21,000
Florida.....	Estimated.....	10,000
Texas.....	Estimated.....	30,000
North Carolina...	Governor's Message .....	35,000
Arkansas.....	Report of Adjutant of State.....	24,000
Maryland.....	Estimated.....	3,000
<b>Total.....</b>		<b>349,000</b>

## STRENGTH OF CANADA AND THE STATES ON THE BORDER.

By the Canadian census of this year and the United States census of 1860, the relative strength of the Canadas and the States bordering on them is as follows:

Canada East, bordering on New England.....	1,003,666
Canada West on the New York and Michigan borders.....	1,395,222
<b>Total.....</b>	<b>2,398,888</b>

The States in proximity to the Canada line, according to the census of 1860, show the following population:

New York.....	3,851,563
Michigan.....	754,391
Maine.....	619,958
New Hampshire.....	326,072
Vermont.....	325,827..
<b>5,877,811</b>	

The number between the ages of eighteen and forty-five in Canada is 470,000; in the States on the border, 1,183,000—or nearly three to one.

## CONTENTS.

---

Pay of Commissioned Army Officers, page 3-14. Pay of Non-commissioned Officers, Privates, &c., 14, 15. Rank, and command of Officers, according to rank, 16. Salutes, 17. Funeral Escorts, 17. Badges of Rank, 18, 19. Allowance of Rooms, Fuel, and Camp and Garrison Equipage, 20. Army Transportation—the Ration, 21. Allowance of Clothing, 22. Forts, Castles, Batteries and Arsenal, 23-26. Military Posts, 26-28. Military terms, and number of the Army, 29. Army Telegraph Lines, 30-32. Experiments with Armor, 32. Army Appropriations—Ordnance, 33, 34. Proposed Reduction of pay of Officers, 35. Fortification Appropriations. 35, 36. Defenses of Boston harbor, 37. Pay of the Navy, 37-40 United States Navy, including vessels purchased and built, 41-48. The Stone Fleet, 48, 49. Iron-plated vessels, 49. Population of the principal cities, towns and villages in the United States, 50-55. Population by States, 55, 56. Slave Population, 56. Population of African descent on the Continent, 57. Routes and distances by railroad and water. 57-60 Governors of States and Territories, for 1862, 60, 61. English Navy, 62-66. French Navy, 67-70. French Army and Navy, 70-72. Spanish Navy, 72, 73. Russian Navy, 73. All other Foreign Navies, 74-79. Rebel Forces in the Field, 80. Strength of Canada and the States on the border, 80.

# NOTICE.

## PUBLICATIONS FOR SALE.

Furnished to Order, at Publisher's Prices,  
BY MAIL OR EXPRESS, OR AT OUR BOOK STORE,  
ALL PUBLICATIONS, BOOKS, PERIODICALS, MAPS AND  
**ENGRAVINGS.**

Pertaining to the Army, Navy, and Fortifications of the United States. Also, all other Publications. Orders answered promptly and faithfully. Address as follows,

D. P. BUTLER,  
142 Washington Street, Boston.

P. S. Liberal discount to Agents and Booksellers. Agents wanted. A rare chance for persons out of employment to engage in the sale of our "STATISTICAL POCKET MANUAL" and "STATISTICAL CHART" of the *Army, Navy, and Census.*

## D. P. BUTLER, PHRENOLOGIST AND PUBLISHER,

142 Washington Street, Boston, Mass.

PROFESSIONAL EXAMINATIONS,

AND ADVICE.

With Charts and full written Descriptions of Character, furnished day and evening.

PUBLICATIONS ON Phrenology, Physiology, Phonography, Hydropathy, and the Natural Sciences generally, including all of Fowler & Wells' publications, at wholesale and retail.

CLASSES for teaching Practical Phrenology, are in operation during the fall, winter and spring.

IMPROVED BUST and Chart, comprising the late and important discoveries in Phrenology.

MUSEUM AND CABINET is full of curiosities—every peculiarity of Cranial Development illustrated by Casts, Skulls and Paintings—and free to visitors.









MAR 4 1892

JUN 19 1902

