

What "One Million Men" Means

One Day's Meals Represent Outlay of \$300,000

Figures as to the Equipment, Supplies, Etc., Necessary Show What an Enormous Preparation Must Be Made

We say the thing easy enough, "a million men." It needs only three words. We read them daily in the account of the vast war now engulfing Europe. Correspondents write of a German or a French million with the same ease as they refer to a shipload of passengers or a theater audience.

Can we grasp what an army of a million men—and there are several of them now in the field—actually is? How far would they reach? Would they pass our old friend, "a given point," in a day? Or is it a week, or a year?

To feed them, how much? How much bread and meat? How many railroad trains to bring along the commissariat for a million? One train, or a hundred? And ammunition for a million? And tents, and camping space, and wagons, and horses, and mules, and the hay and oats for these animals? How long a line would they make in battle array? How long a column on parade?

The normal unit of an army is a division.

A division is the largest force that can be deployed into line of battle in one day, marching on one road. It consists of three brigades, each of three regiments of infantry; one regiment of cavalry; two regiments of field artillery; one battalion of engineers; four ambulance companies; and four field hospitals. With it goes an ammunition train, a supply train and a pack train. A major general commands a division.

Down to the last man a complete division at war strength numbers precisely 19,850 souls; it might be as high as 22,000 with auxiliary troops; it could be as little as 16,000, as it would be soon after the carnage and disease of real war. Roughly, let us assume a division at 20,000.

Now with this division go animals and vehicles—a lot of them. There are 3,165 mounts and 1,400 draft horses; 80 mules for riding; 3,212 for draft work and 408 for the pack train—a grand aggregate of 8,265 animals of all kinds.

Then there are 48 guns and 144 caissons; 107 wagons and carts for combat (ammunition); 48 ambu-

lances and 662 wagons for subsistence and forage. Here are 1,000 vehicles for these 20,000 men and 8,265 animals!

And this is only one division.

For a million men we must multiply everything by fifty—animals, guns, wagons and the equipment and food that go with them. This takes only the simplest arithmetic. We find for our million soldiers there are needed 412,250 animals and 50,450 vehicles, including cannon.

Now we have this vast array of men, animals, cannon and vehicles, and their supplies, and the order comes—

"Mobilize at New York!"

Railway trains are needed—a tremendous lot of railway trains, too. Remember, all the equipment must go on these trains—horses, mules, guns, wagons, food, forage, ammunition. So it takes a train for one battalion of infantry, a train for two troops of cavalry, a train for a single battery of artillery or a pontoon company of engineers.

There would be twenty-seven trains needed for the infantry. Twelve for the artillery, six for the cavalry and four for the engineers of one division—forty-nine trains in all. When extra supplies and the medical troops are figured and a train for headquarters of the division, sixty trains would be a fair estimate for one division at mobilization time.

For a million men, then, 3,000 railway trains!

And what are 3,000 trains? Six of them would be a mile long. If all

3,000 were in one long train it would reach 500 miles. Or from New York to Washington and back. Six such trains in one would reach from New York to California.

For a camp a regiment of infantry with all its animals and wagons needs 19 acres; a cavalry regiment must have 50 acres; an artillery regiment 44 acres. A division needs 640 acres or a square mile, for all its infantry, cavalry, artillery and other troops.

Our New York camp for a million men, then, would occupy fifty square miles—twice the size of Manhattan!

And now to feed this vast army of men and animals!

The full day's ration for a man in the field weighs 4.4 pounds and costs about 20 cents, including everything. Item, \$300,000 a day for food for a million men. This is just a little matter of \$9,000,000 a month. This food would weigh 4,400,000 pounds—just the food for one day—or 2,200 tons.

One box car's capacity is 1,600 cubic feet. This will carry 9,172 rations—food for one day for 9,172 men. So, for one million men, all waiting impatiently for their grub, it would take 109 freight cars every day to bring along their rations—five trains of 21 cars each. And it is, mind you, only for 24 hours.

And the forage for the animals is yet to come. A horse needs 15 pounds of hay and 12 pounds of oats a day. A mule has 14 pounds of hay and 9 of oats. Striking an average of 25 pounds a day for each animal, what a problem for fodder!

There are 412,250 animals to be fed every day. Men can go without; animals cannot. The horses and the mules must have \$10,321,250 pounds of hay and feed every day. This will fill 255 cars—hay is bulky.

If we add medical supplies and countless other items there would be 375 freight cars working every day to keep going these million men and their beasts for just 24 hours.

One railway car holds as much as 12 army wagons. To transport food and fodder for a million men and their animals would require 4,400 wagons—just for one day's supply. Of course they could go somewhere with this riding transport. A division of an army must carry food and forage for at least ten days or two weeks. That means 45,000 wagons for one million men.

"Bullet Joe" and His Bride



"Bullet Joe" Bush, one of Mack's young pitchers, who was expected to stop the Boston Braves on their mad career in the world's series, got married the day after the great contest ended. Bush pitched one game in Boston, but he could not hold the Boston club. He hurried back to Philadelphia, where the marriage took place. He led Miss Sylvia E. McMahon from her home at 2329 West Lehigh avenue across the street to St. Columbia's Catholic church, and the ceremony was quietly performed.

"Bullet Joe" was attended by Jimmy Walsh, his teammate. The other members of the Athletics who were present at the wedding were Frank Baker and Harry Davis, both of whom were accompanied by their wives. About 100 persons were waiting outside the church when Bush arrived.

After the ceremony Bush, whose full name is Joseph Leale Bush, with his bride, went back to her aunt's home, where a reception was held. Mrs. Bush was attended by Miss Ethel Leary of Philmont, who was in her class at Miss Marshall's school, Oak Lane, from which she graduated last June. Mr. and Mrs. Bush will go around the world with the all-star baseball team that Bush has just joined for the winter.

Bush met his bride last summer. She is the daughter of Francis X. McMahon of Bordertown, N. J., but has been living with her aunt at the Lehigh avenue address. She is 18 years old, and her husband is three years her senior. Weidner Wyckoff, another of Mack's young pitching staff, first met Miss McMahon and introduced Bush to her.

Legal Notices

Notice to Creditors

In the County Court of the State of Oregon, for Klamath County.

In the Matter of the Estate of William Martin, Deceased.

Notice is hereby given that the undersigned has been duly appointed administrator of the estate of William Martin, deceased, by the county court of Klamath county, Oregon, and that all persons having claims against said estate are required to present same to me at the law office of Rollo C. Groesbeck, Klamath Falls, Oregon, within six months from the date of this notice, properly verified as by law required.

Dated at Klamath Falls, Oregon, October 21st, 1914.

SILAS OBENCHAIN,
Administrator of the Estate of William Martin, Deceased.
21-22-4-11-18 h

Notice for Publication
(Not Coal Lands)

Department of the Interior, U. S. Land Office at Lakeview, Oregon, September 11, 1914.

Notice is hereby given that Henry A. Griggs, whose postoffice address is Klamath Falls, Oregon, did, on the 11th day of May, 1914, file in this office Sworn Statement and Application No. 67533, to purchase the E½ SW¼, section 3, Township 39 S, Range 10 E, Willamette Meridian, and the timber thereon, under the provisions of the act of June 3, 1878, and acts amendatory, known as the "Timber and Stone Law," at such value as might be fixed by appraisal, and that, pursuant to such application, the land and timber thereon have been appraised at a total of \$257.50, the timber estimated 355,000 board feet at \$50 per M, 600 juniper posts at 5c, and the land \$50.00; that said applicant will offer final proof in support of his application and sworn statement on the 8th day of December, 1914, before C. R. DeLap, county clerk of Klamath county, at Klamath Falls, Oregon.

Any person is at liberty to protest this purchase before entry, or initiate a contest at any time before patent issues, by filing a corroborated affidavit in this office, alleging facts which would defeat the entry.

JAS. F. BURNES, Register.
10-3; 12-4 h

NO HEADACHE OR NEURALGIA PAIN

Get a 40 cent package of Dr. James' Headache Powders and don't suffer.

When your head aches you simply must have relief or you will go wild. It's needless to suffer when you can take a remedy like Dr. James' Headache Powders and relieve the pain and discomfort at once. Send someone to the drug store now for a dime package of Dr. James' Headache Powders. Don't suffer! In a few moments you will feel fine—headache gone—no more neuralgia pain.

DRINK HOT TEA FOR A BAD COLD

Get a small package of Hamburg Breast Tea, or as the German folks call it, "Hamburget Brust Tee," at any pharmacy. Take a tablespoonful of the tea, put a cup of boiling water upon it, pour through a sieve and drink it, keep full at any time during the season before retiring. It is the most effective way to break a cold and cure grip, as it opens the pores of the skin, relieves congestion. Also loosens the bowels, thus driving a cold from the system.

RUB BACKACHE AND LUMBAGO RIGHT OUT

Get a small package of Hamburg Breast Tea, or as the German folks call it, "Hamburget Brust Tee," at any pharmacy. Take a tablespoonful of the tea, put a cup of boiling water upon it, pour through a sieve and drink it, keep full at any time during the season before retiring. It is the most effective way to break a cold and cure grip, as it opens the pores of the skin, relieves congestion. Also loosens the bowels, thus driving a cold from the system.

SALTS FINE FOR ACHING KIDNEYS

Most forms uric acid which excites and overworks the kidneys in their efforts to filter it from the system. Regular eaters of meat must flush the kidneys occasionally. You must relieve them like you relieve your bowels; removing all the acids, waste and poison, else you feel a dull misery in the kidney region, sharp pains in the back or sick headache, dizziness, your stomach sour, tongue is coated and when the weather is bad you have rheumatic twinges. The urine is cloudy, full of sediment; the channels often get irritated, obliging you to get up during the night.

To neutralize these irritating acids and flush off the body's urinous waste, get about four ounces of Jad Salts from any pharmacy; take a tablespoonful in a glass of water before breakfast for a few days and your kidneys will then act fine and bladder disorders disappear. This famous salt is made from the acid of grapes and lemon juice, combined with lithia, and has been used for generations to clean and stimulate sluggish kidneys and stop bladder irritation. Jad Salts is inexpensive and harmless and makes a delightful effervescent lithia-water drink which millions of men and women take now and then, thus avoiding serious kidney and bladder diseases.

(Advertisement)

When baby suffers with eczema or some itching skin trouble, use Doan's Ointment. A little of it goes a long way and it is safe for children. It cures a hor at all drug stores.

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