

Reports: Selected Progress Data

THE WHITE HOUSE
WASHINGTON

May 1, 1941.

MEMORANDUM FOR THE PRESIDENT:

1. Here is one of the three secret documents in pamphlet form prepared by the War Department. This one is yours. Harry Hopkins has one, and Henry Morgenthau has one.
2. I hand you, in addition, a chart prepared by Henry Morgenthau's Statistical Division, on this same data. You said you wanted to decide which presentation is preferable for your use.
3. Harry Hopkins has not seen this chart, prepared by Henry Morgenthau, and the other two copies in existence are in the hands of the Secretary of War and the Under Secretary of War.

E. M. W.

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P R O G R E S S
D A T A

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DOD DIR. 5200.9 (9/27/58)

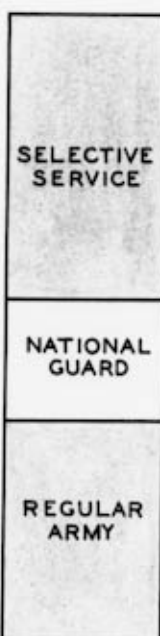
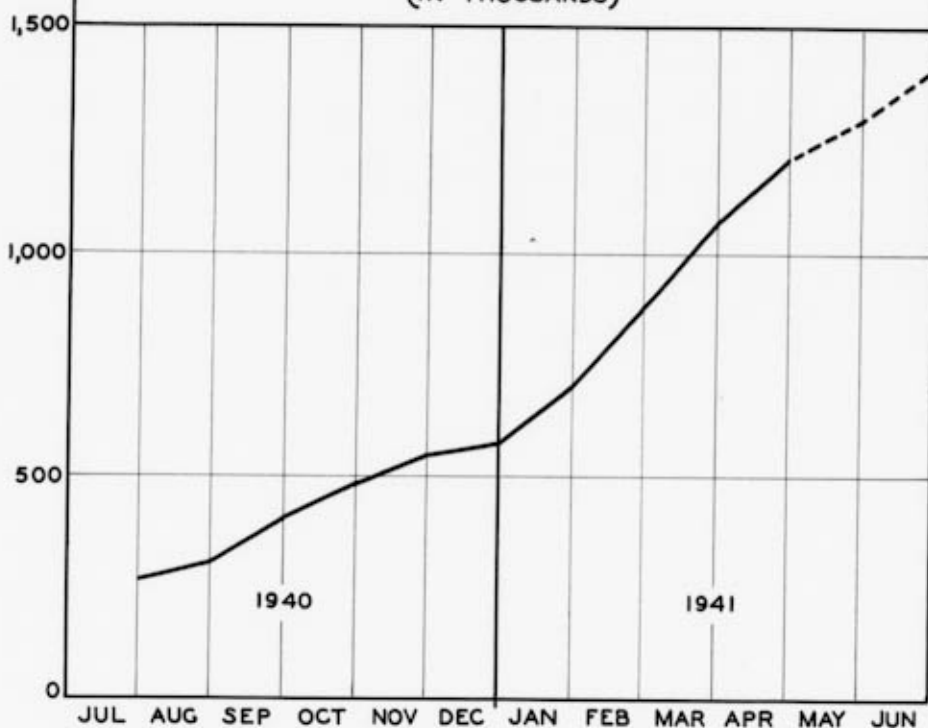
Date- 3-4-59

Signature- *Carl L. Spicer*

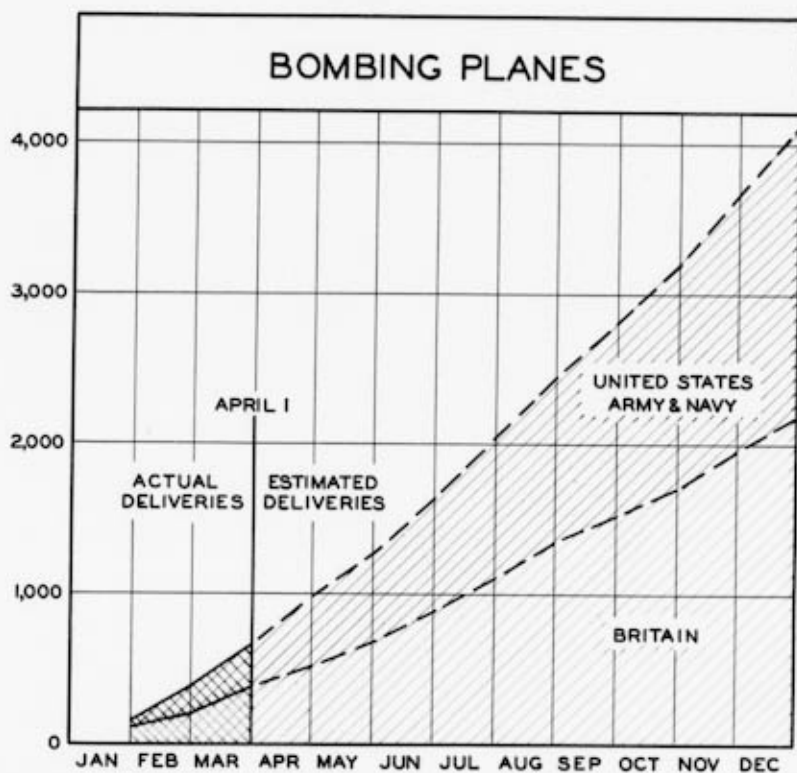
SPECIAL REPORT
WAR DEPARTMENT
STATISTICS BRANCH, OUSW
MAY 1, 1941

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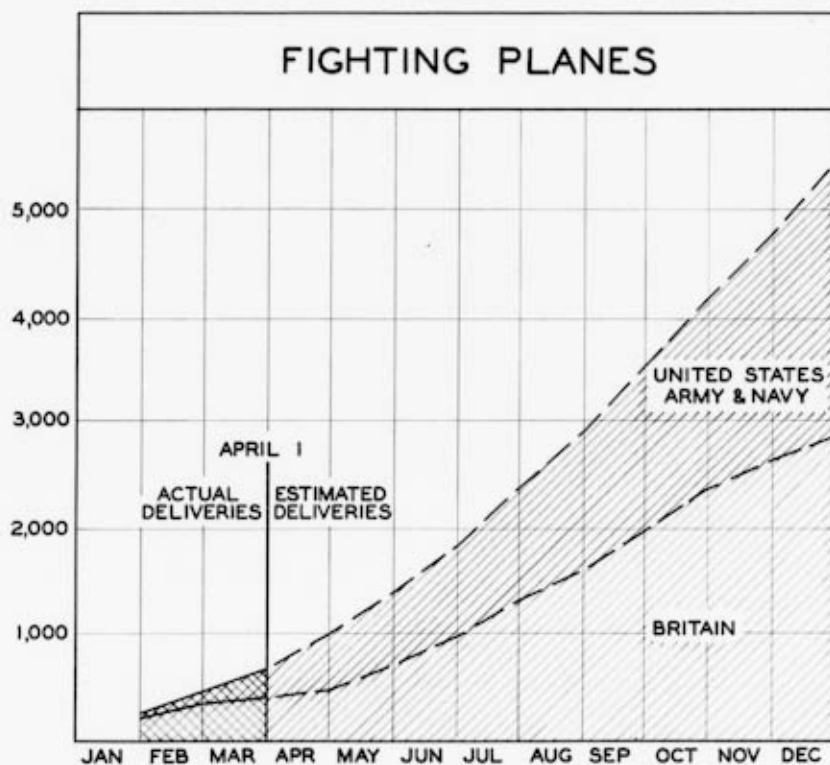
ENLISTED STRENGTH OF THE ARMY (IN THOUSANDS)



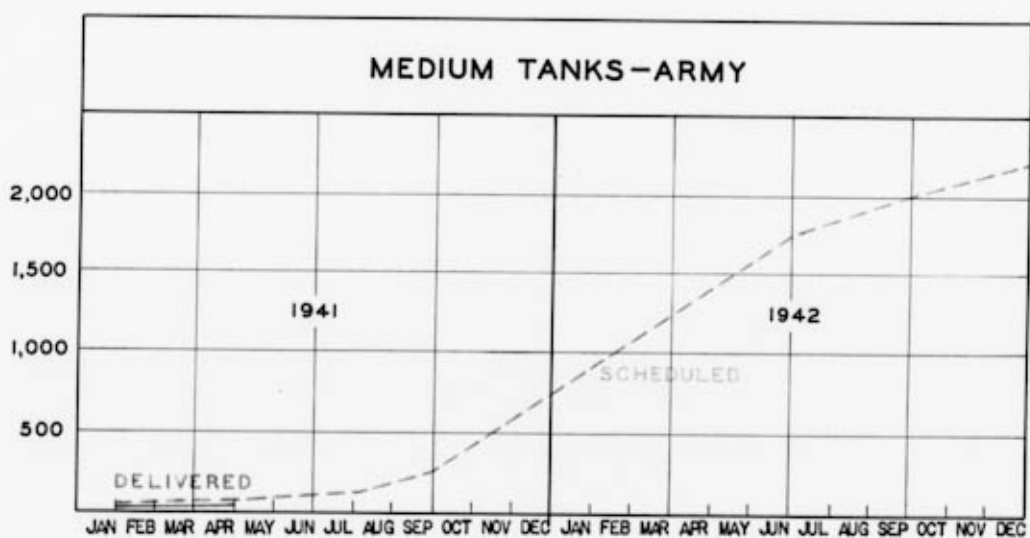
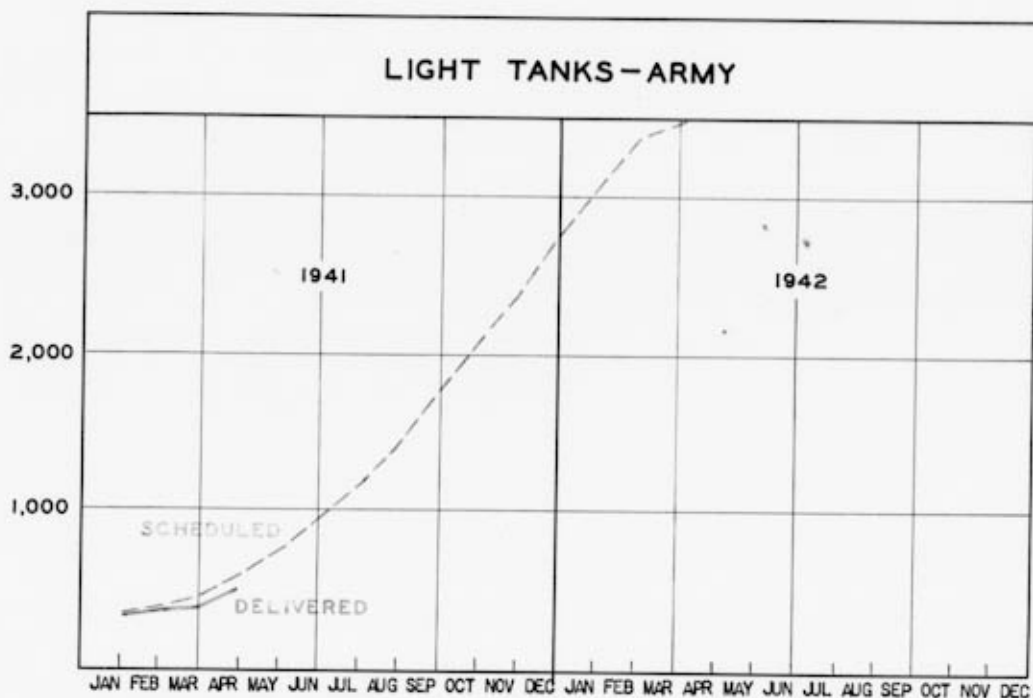
	Regular Army	National Guard	Selective Service	Total
1940				
Jul	269			269
Aug	303			303
Sep	336	70		406
Oct	375	106		481
Nov	385	139	19	543
Dec	406	145	19	570
1941				
Jan	425	186	83	694
Feb	463	232	175	870
Mar	469	266	330	1,065
Apr	480	271	455	1,206
May	490	271	530	1,291
Jun	500	272	639	1,411

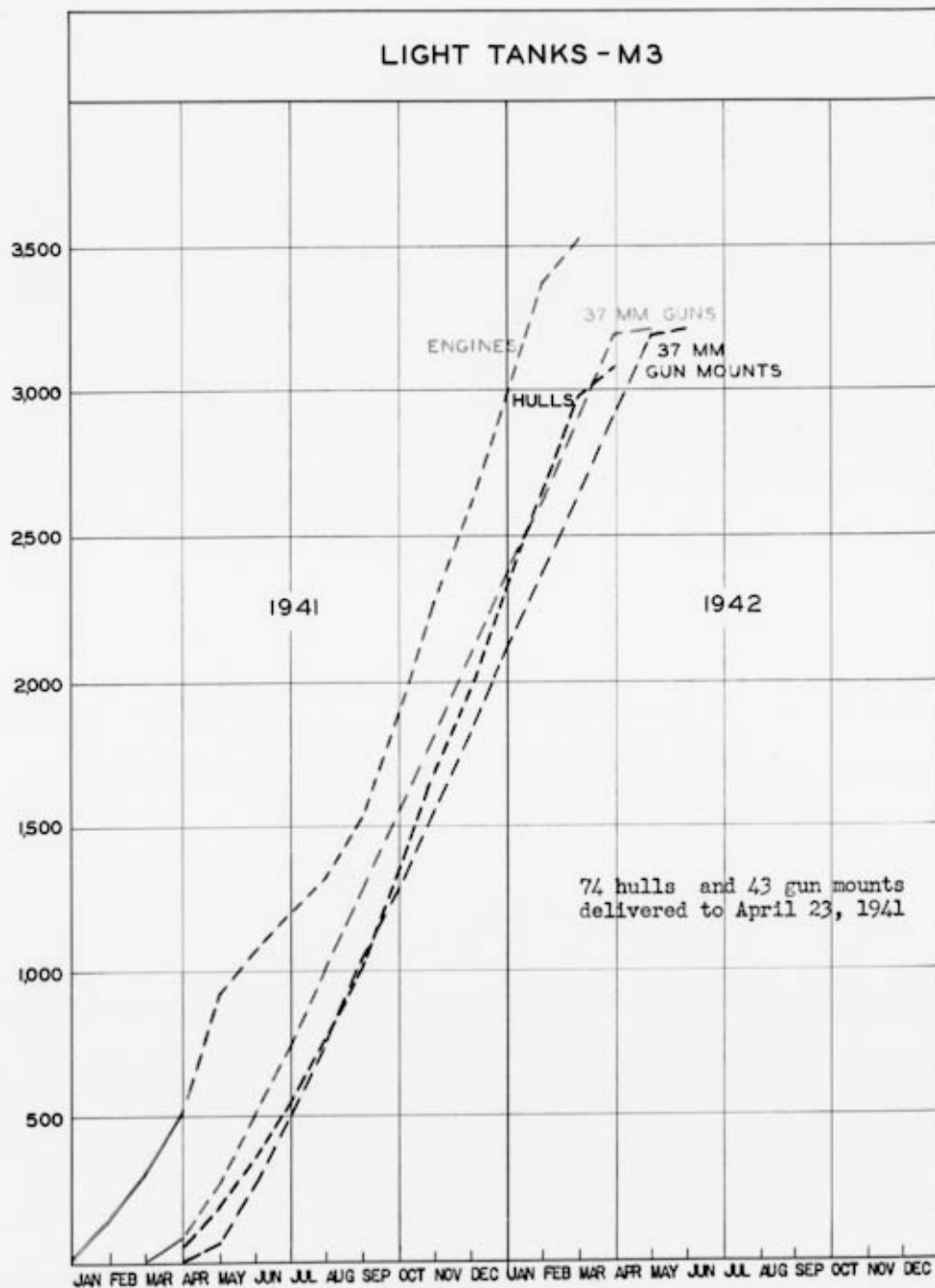


	Army	Navy	British	Total
1941				
Jan	7	44	113	164
Feb	60	100	231	391
Mar	133	163	370	666
Apr	221	235	527	983
May	294	308	683	1285
Jun	417	360	877	1654
Jul	531	405	1108	2044
Aug	654	457	1342	2453
Sep	784	499	1517	2800
Oct	933	537	1722	3192
Nov	1099	593	1969	3661
Dec	1319	625	2162	4106

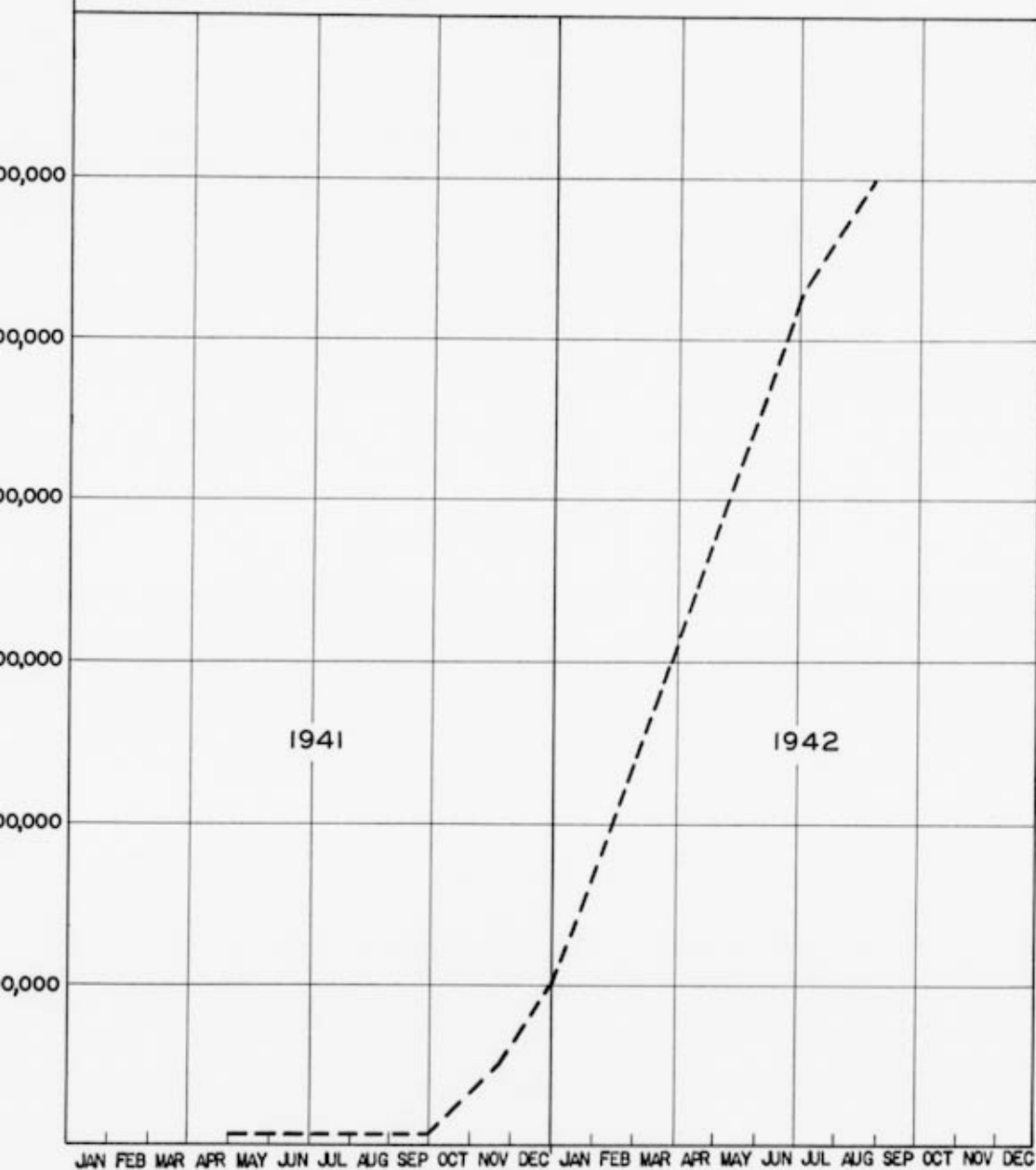


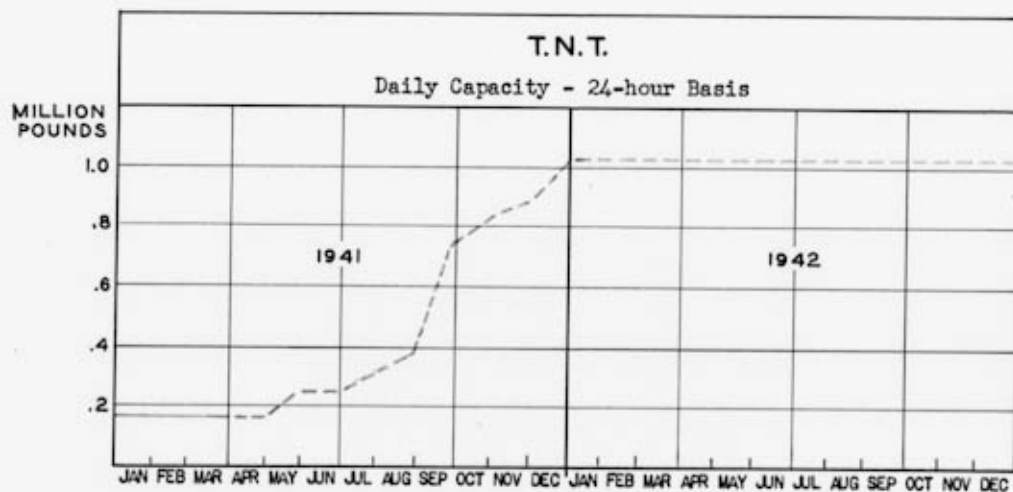
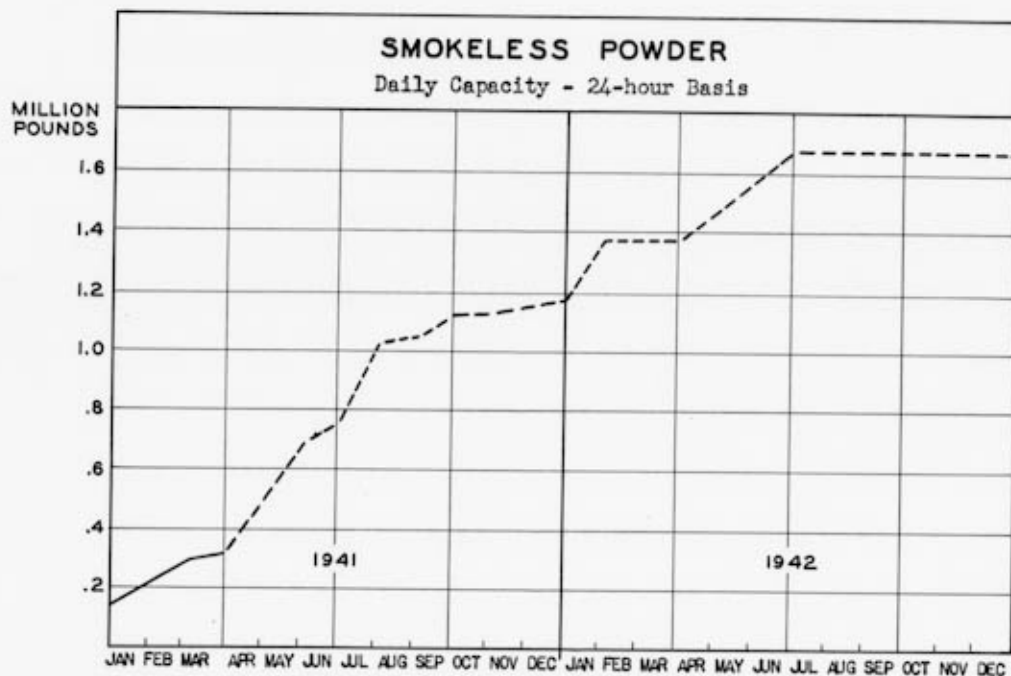
	Army	Navy	British	Total
1941				
Jan	11	32	195	238
Feb	39	59	344	442
Mar	179	74	391	644
Apr	360	109	497	966
May	515	150	706	1371
Jun	632	204	997	1833
Jul	772	284	1323	2379
Aug	931	350	1638	2919
Sep	1131	390	1992	3513
Oct	1360	440	2370	4170
Nov	1672	490	2646	4808
Dec	2088	540	2872	5500



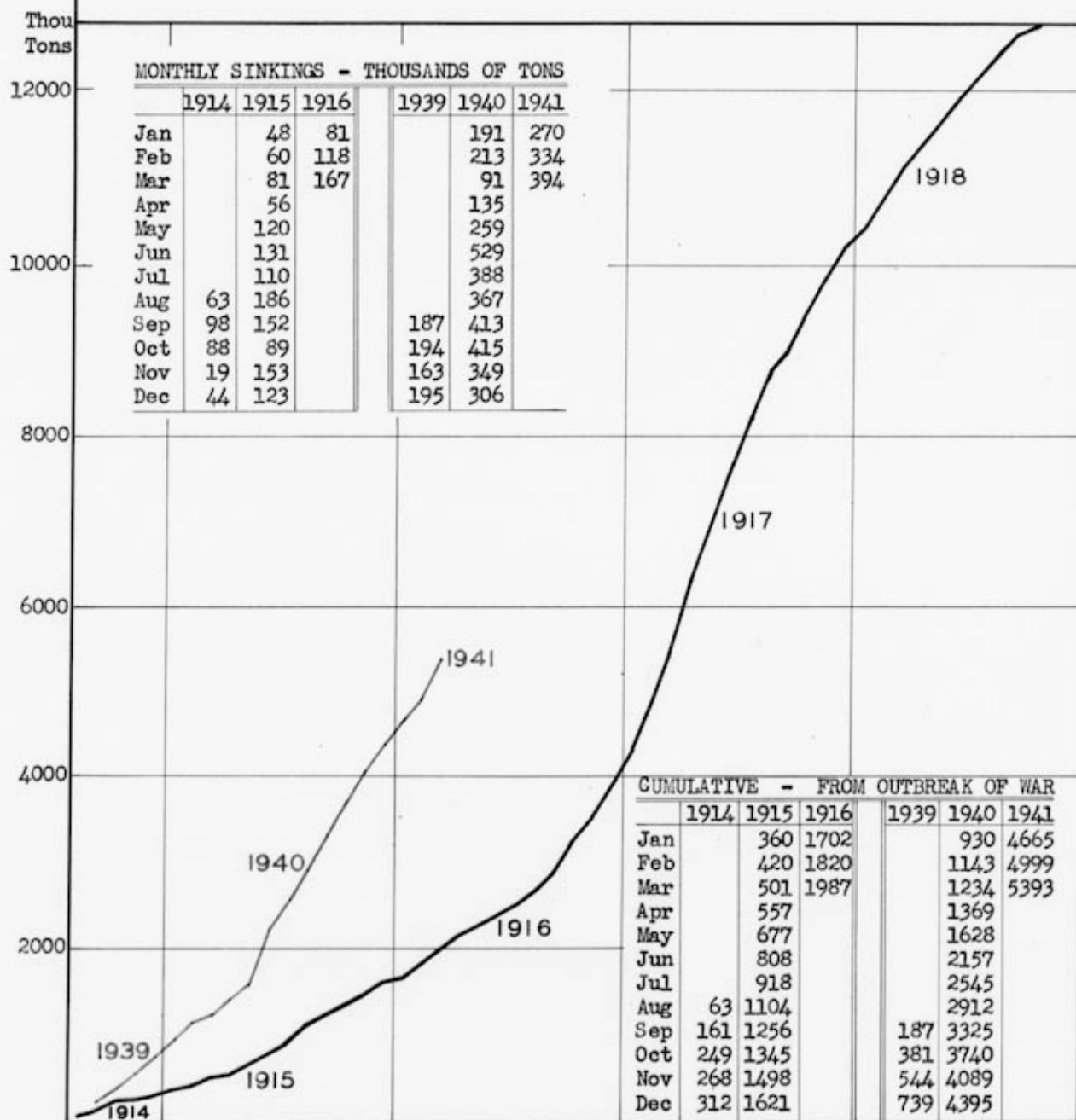


37 MM AMMUNITION TANK & ANTITANK





SINKINGS OF BRITISH AND NEUTRAL SHIPPING



Average weekly sinkings in first 19 months of World War - 22,000 tons
 Average weekly sinkings in corresponding period of this War- 66,000 tons

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SELECTED
PROGRESS
DATA

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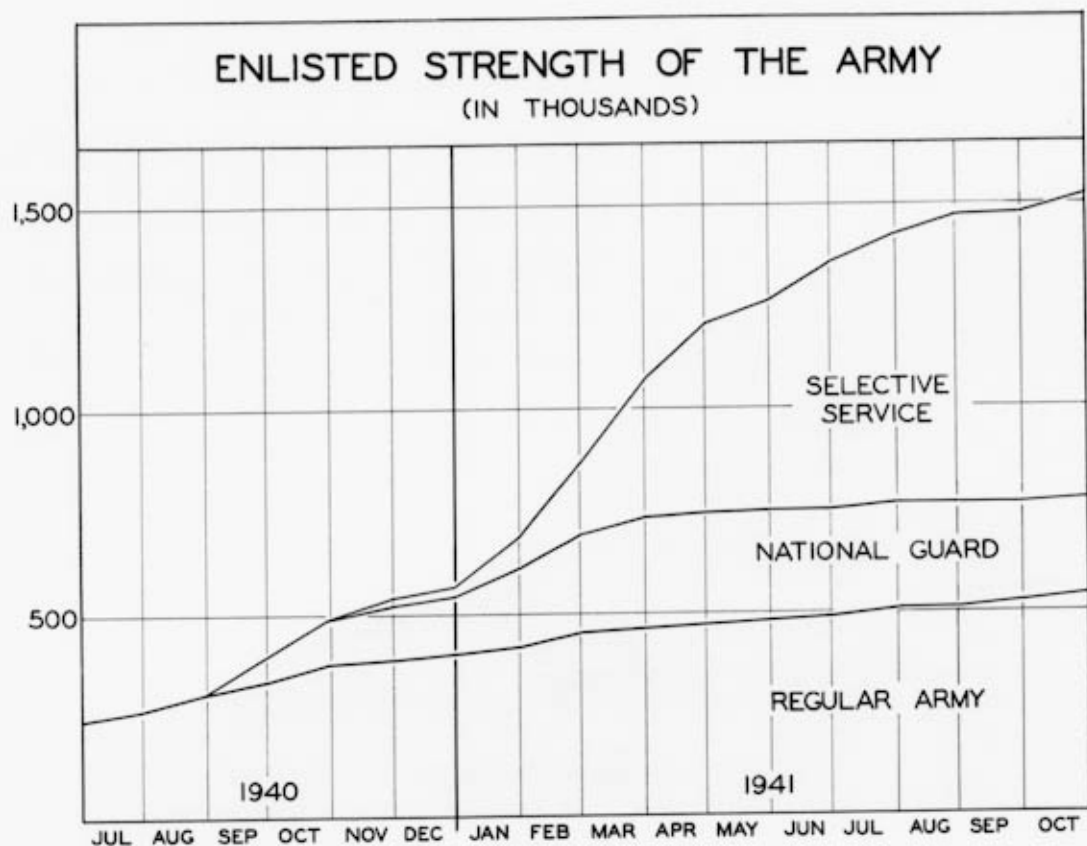
Date- 3-4-59

Signature- Carl L. Spicer

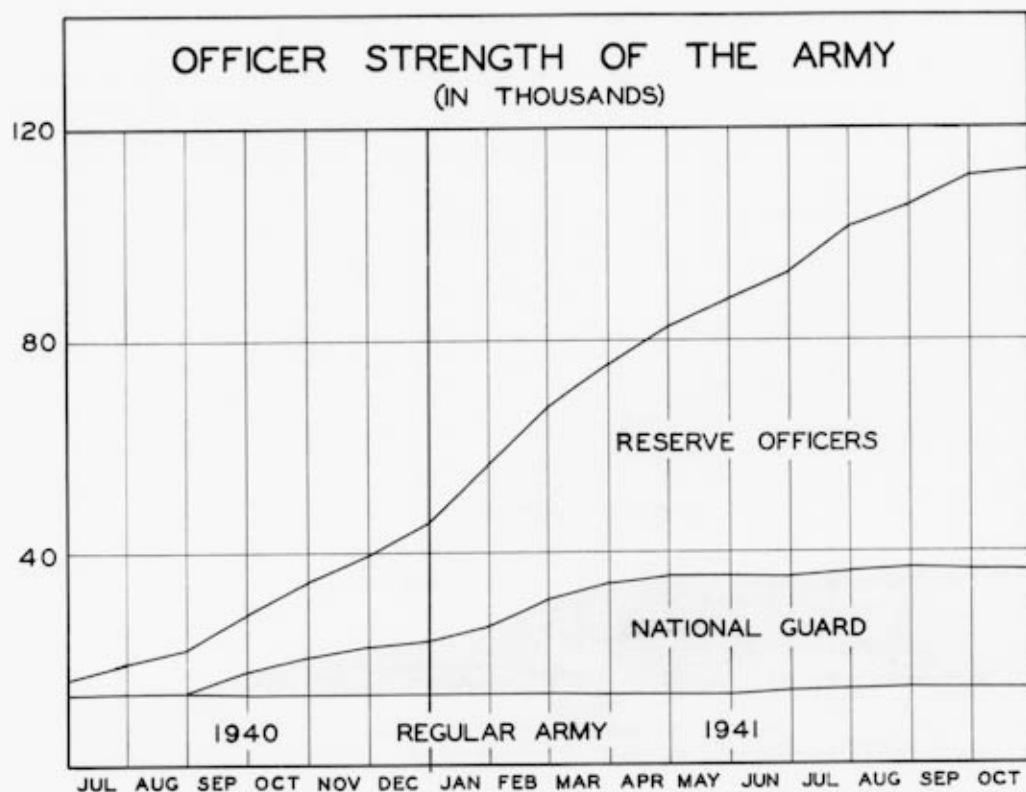
Statistics Branch. O. U. S. W.
November 28, 1941
No. 6

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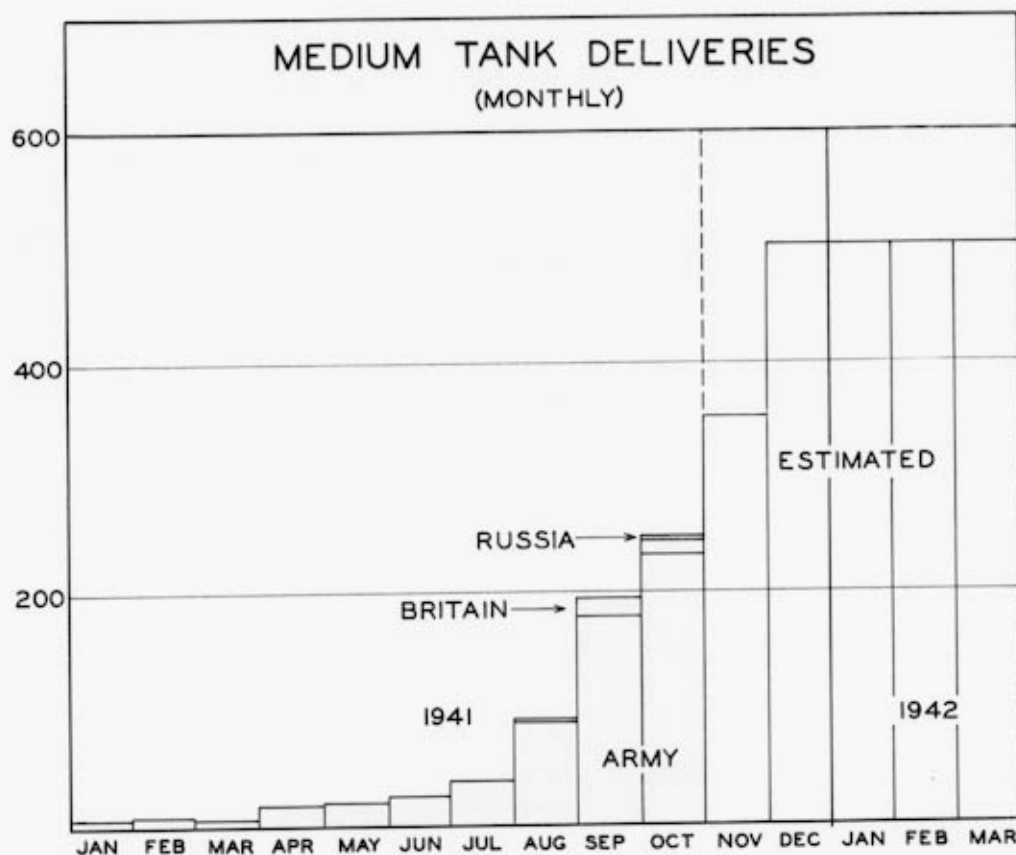
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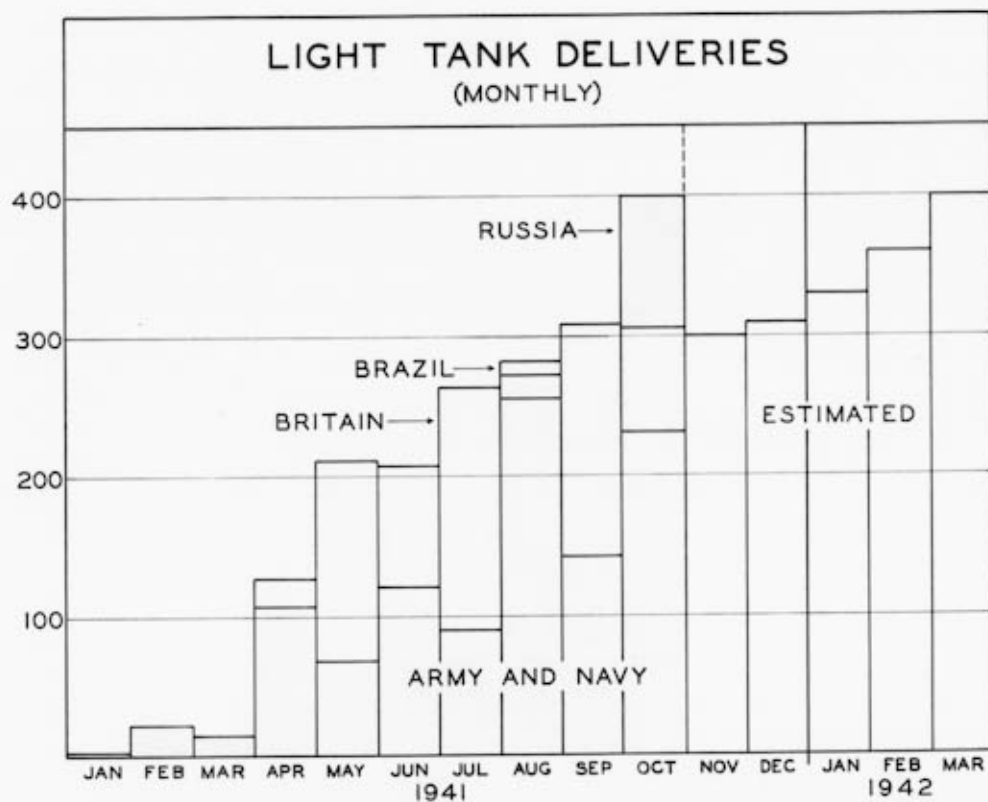
	Regular Army	National Guard	Selective Service	Total
1940				
Jul	269	--	--	269
Aug	303	--	--	303
Sep	339	69	--	408
Oct	379	104	--	483
Nov	394	134	13	541
Dec	411	146	17	574
1941				
Jan	425	186	83	694
Feb	463	236	175	874
Mar	469	269	330	1,068
Apr	476	270	460	1,206
May	485	264	516	1,265
Jun	493	263	607	1,363
Jul	502	258	669	1,429
Aug	508	256	717	1,481
Sep	522	243	719	1,484
Oct	539	238	750	1,527



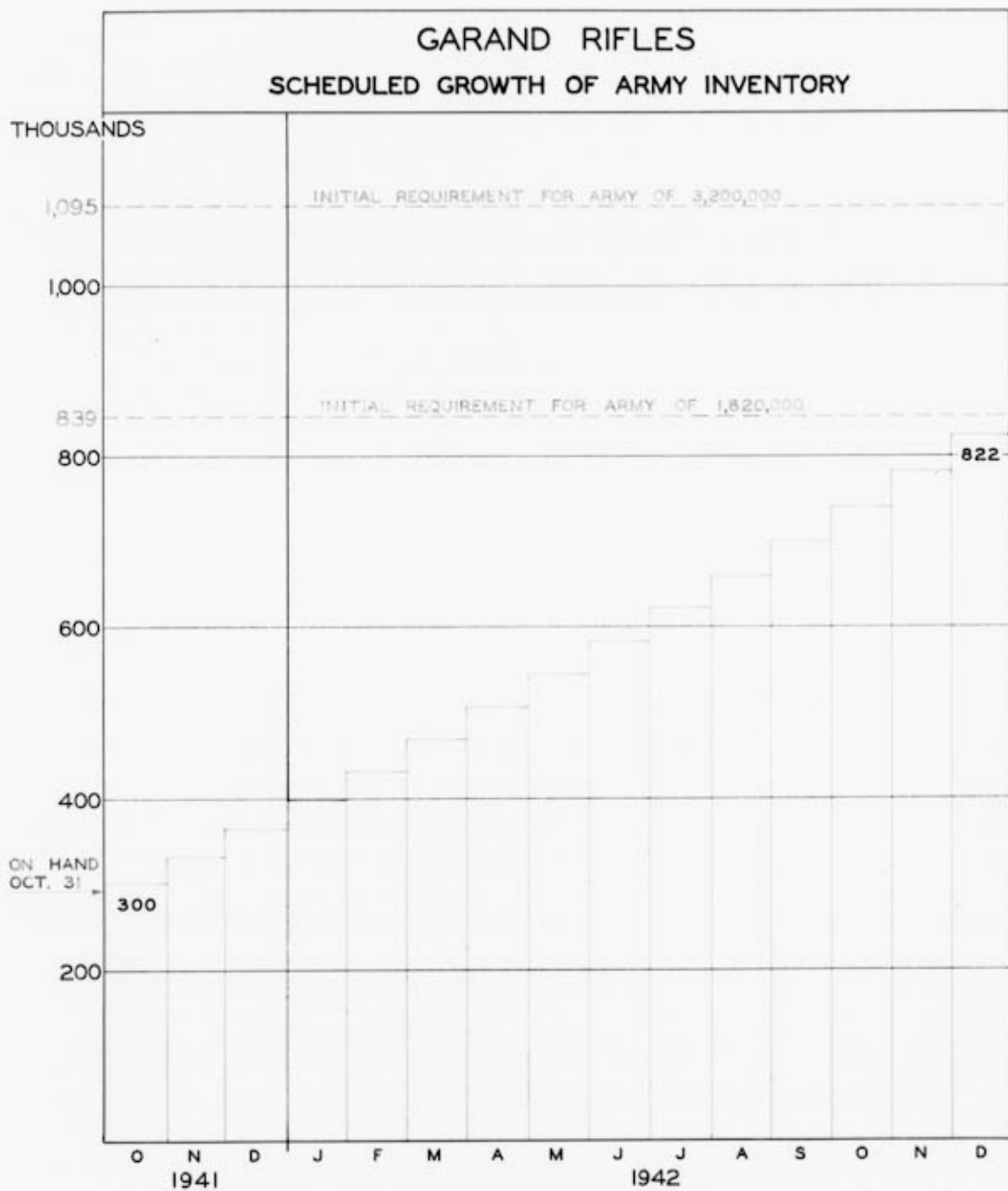
	Regular Army	National Guard	Reserve Officers	Total
1940				
Jul	14.0	--	5.5	19.5
Aug	14.1	--	7.9	22.0
Sep	14.0	4.0	10.7	28.7
Oct	14.0	6.4	14.0	34.4
Nov	14.0	8.3	17.6	39.9
Dec	14.0	9.4	22.0	45.4
1941				
Jan	14.0	12.1	30.7	56.8
Feb	14.0	17.4	35.8	67.2
Mar	13.9	20.3	41.3	75.5
Apr	13.9	21.9	46.4	82.2
May	13.9	21.8	51.9	87.6
Jun	14.3	21.1	57.3	92.7
Jul	14.5	22.0	65.4	101.9
Aug	15.0	22.3	68.3	105.6
Sep	15.0	22.0	74.0	111.0
Oct	15.0	22.0	75.0	112.0



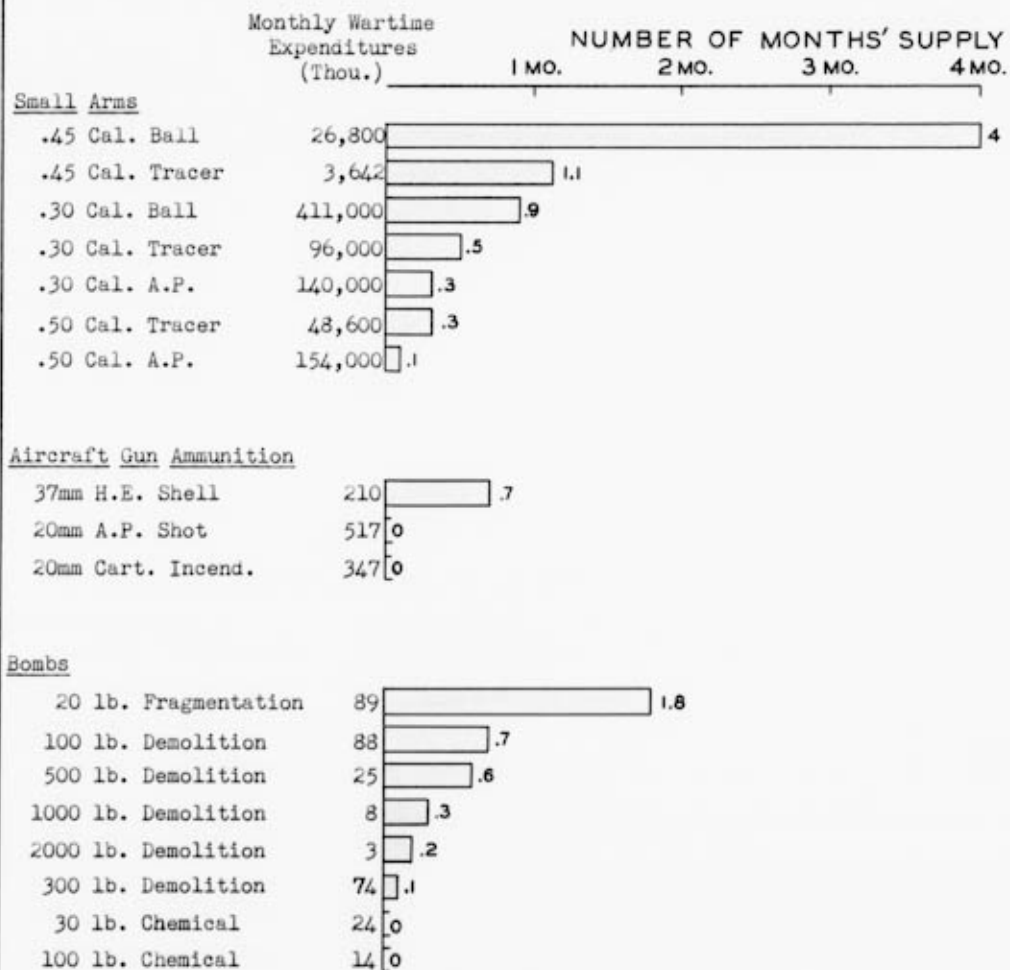
	Army	Britain	Russia	Total
1941				
Jan	6			6
Feb	7			7
Mar	6			6
Apr	16			16
May	18			18
Jun	24			24
Jul	37			37
Aug	88	2		90
Sep	176	17		193
Oct	232	11	6	249
Nov	--	--	--	350
Dec	--	--	--	500
1942				
Jan	--	--	--	500
Feb	--	--	--	500
Mar	--	--	--	500



	Army and Navy	Britain	Russia	Brazil	Total
1941					
Jan	2				2
Feb	23				23
Mar	15				15
Apr	107	20			127
May	68	144			212
Jun	121	89			210
Jul	90	174			264
Aug	254	17		10	281
Sep	143	166		0	309
Oct	232	74	94	0	400
Nov	--	--	--	--	300
Dec	--	--	--	--	310
1942					
Jan	--	--	--	--	330
Feb	--	--	--	--	360
Mar	--	--	--	--	400



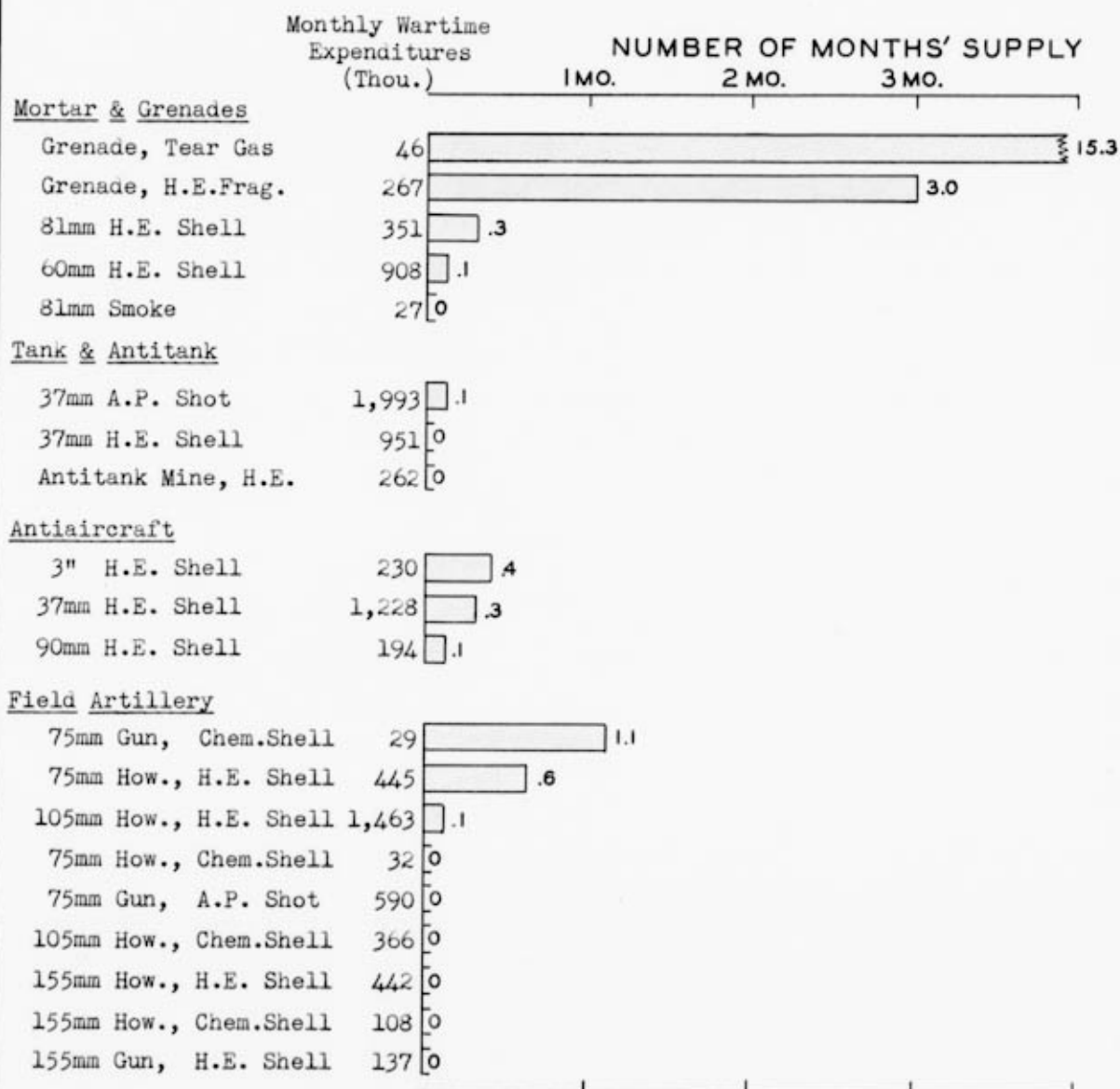
INVENTORIES OF AMMUNITION



Standard Army ammunition in depots, with troops, and overseas as of Oct. 31, 1941.

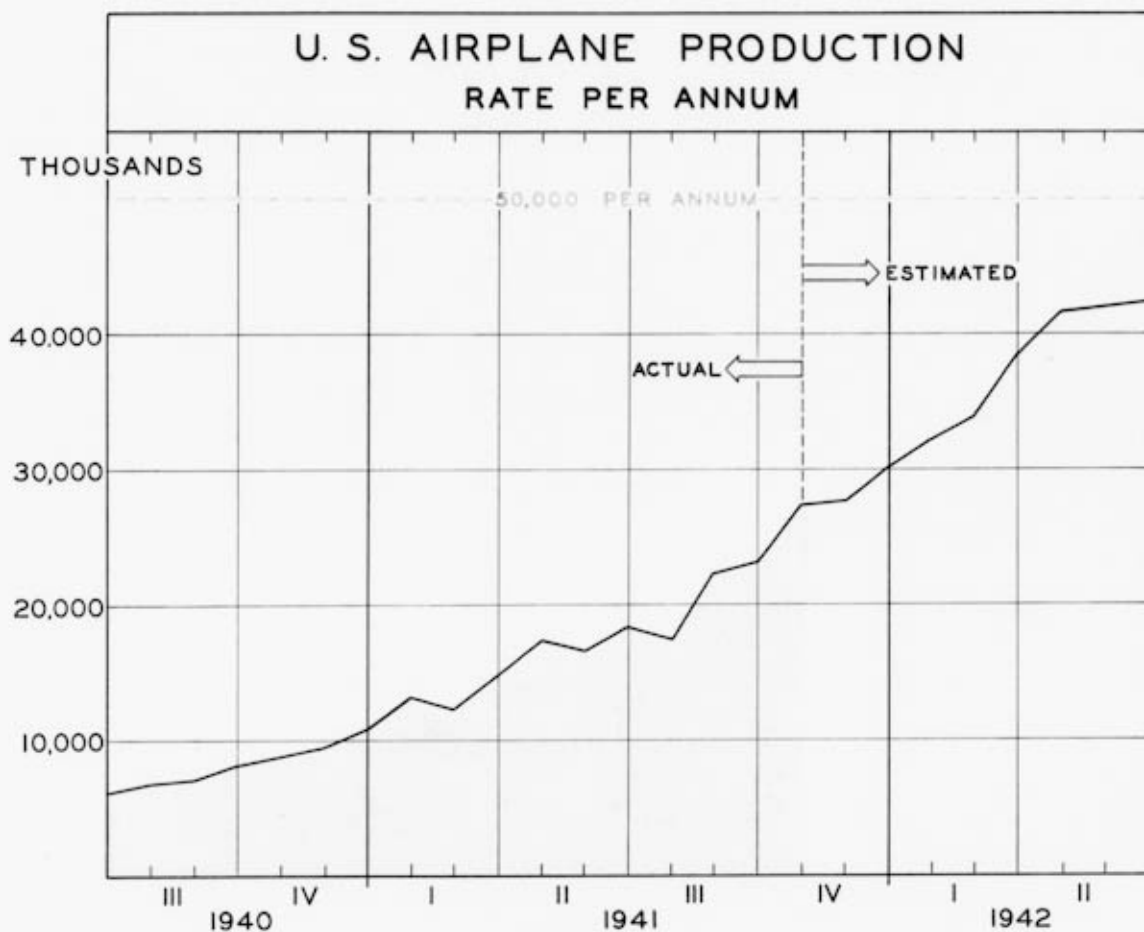
NOTE: H.E. = High Explosive
A.P. = Armor Piercing

INVENTORIES OF AMMUNITION



Standard Army ammunition in depots, with troops, and overseas as of Oct. 31, 1941.

NOTE: H.E. = High Explosive
A.P. = Armor Piercing
How. = Howitzer



PRODUCTION RATE PER ANNUM - TACTICAL AND TRAINING

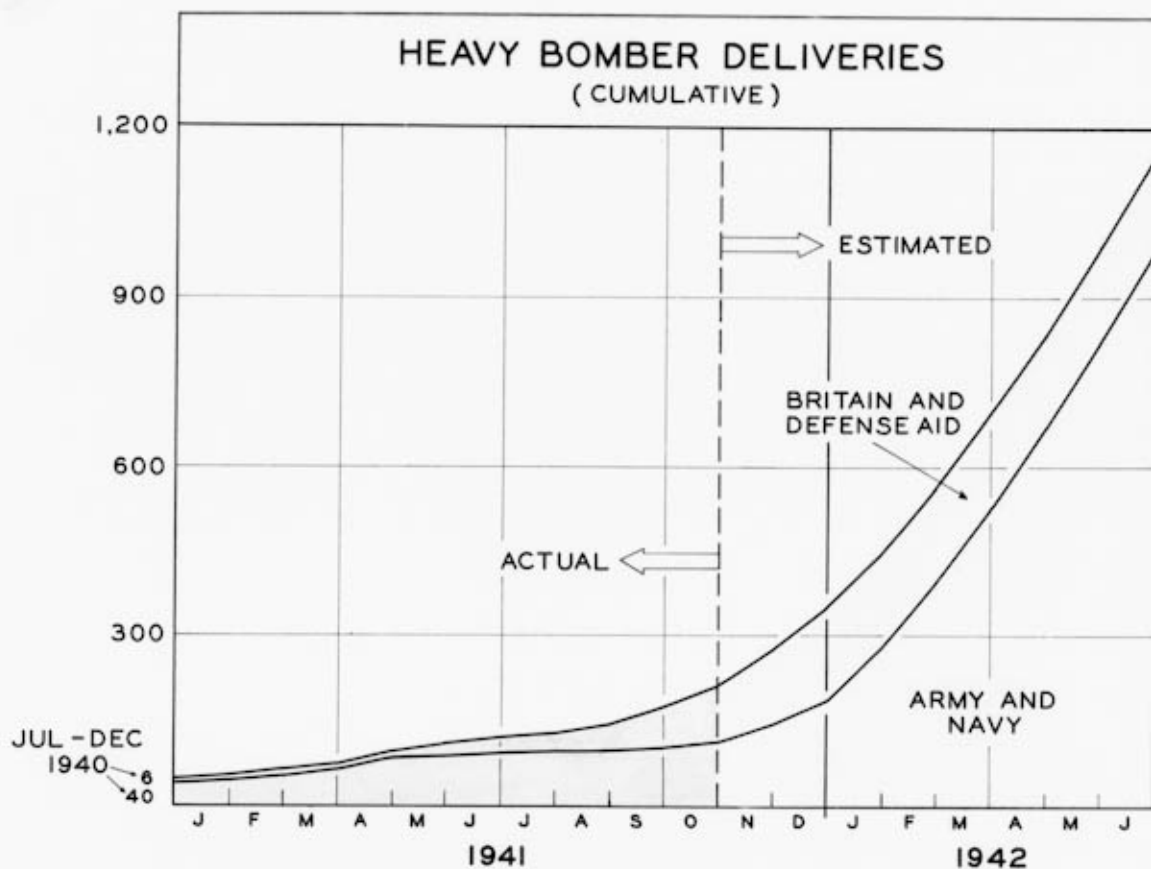
	1940	1941	1942
Jan		13,200	32,400
Feb		12,348	34,044
Mar		14,916	38,688
Apr		17,472	41,832
May		16,656	42,264
Jun		18,396	42,576
Jul	6,780	17,460	
Aug	6,948	22,440	
Sep	8,052	23,172	
Oct	8,760	<u>27,528</u>	
Nov	9,336	27,828	
Dec	10,800	30,036	

TACTICAL PLANES FOR 84 GROUP PROGRAM

	<u>Initially Required</u>	<u>Percent on Hand Oct.31</u>	
Observation	537	100	
Medium Bomber	1,078	70	
Interceptor	2,520	64	
Light Bomber	780	45	
Transport	448	39	
Amphibian	144	14	
Pursuit Fighter	650	13	
Heavy Bomber	1,645	8	

TRAINERS FOR 30,000 PILOT PROGRAM

Advance, 1-Engine	1,056	100	
Primary	3,035	98	
Basic	3,123	62	
Advance, 2-Engine	1,878	9	



Army and Navy			Britain and Defense Aid			Total		
1940	1941	1942	1940	1941	1942	1940	1941	1942
Jan	41	282		6	166		47	448
Feb	54	398		6	166		60	564
Mar	62	526		8	166		70	692
Apr	83	667		14	166		97	833
May	84	823		26	166		110	989
Jun	94	988		26	171		120	1159
Jul	2	96	0	26		2	122	
Aug	11	96	0	45		11	141	
Sep	18	101	0	72		18	173	
Oct	33	113	0	102		33	215	
Nov	39	142	0	135		39	277	
Dec	40	185	6	166		46	351	

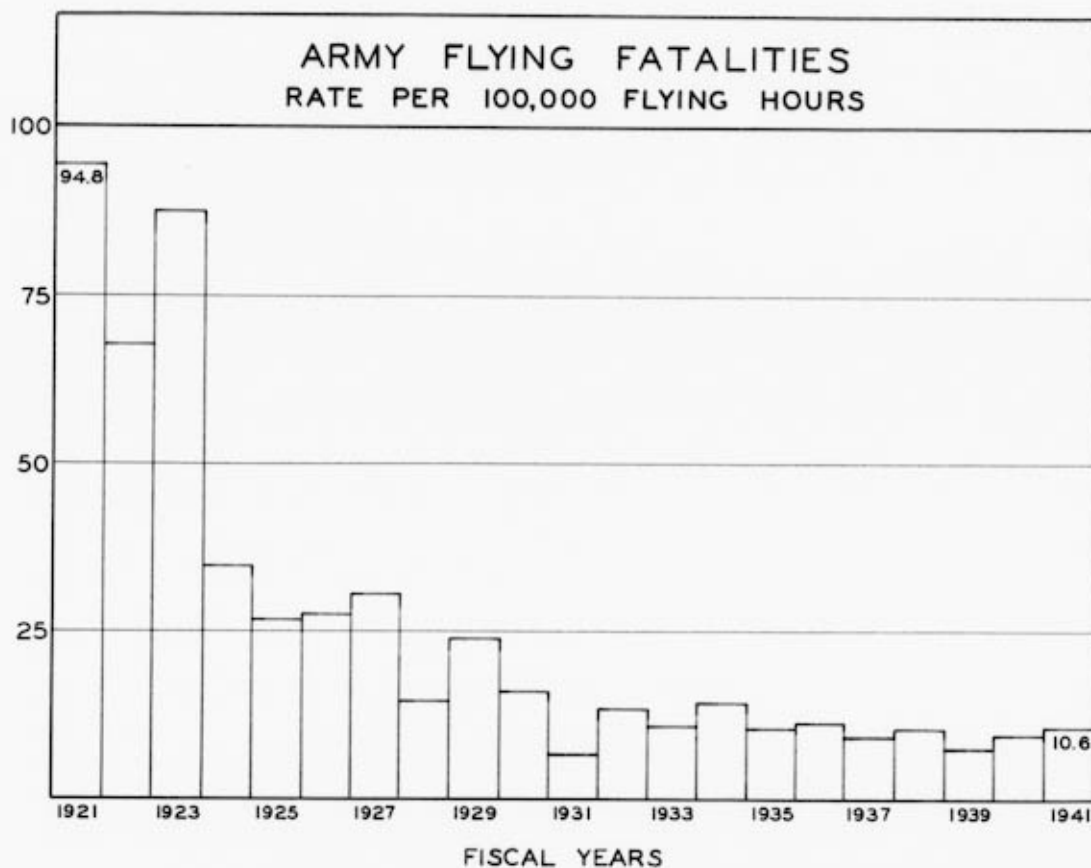
The transfer of 20 Army bombers to Britain in the Spring of 1941 is not reflected in this diagram.

NEW AIRPLANE PLANTS - ARMY SPONSORED **PROGRESS OF CONSTRUCTION AND EQUIPMENT**

<u>Major Projects</u>	<u>Estimated Cost</u> (Millions)	<u>Percent on</u> <u>Hand Oct.15</u>
Curtiss-Wright, Columbus	14.4	92
Curtiss-Wright, Buffalo	17.7	92
Boeing, Wichita	17.5	91
Republic, Farmingdale	7.4	85
Martin, Middle River	26.0	84
Boeing, Seattle	10.8	81
North American, Dallas	9.3	81
Curtiss-Wright, St. Louis	15.1	64
Government II, Kansas City	11.2	57
Government I, Omaha	15.5	47
Douglas, Long Beach	26.0	45
Government IV, Fort Worth	22.7	25
Ford, Ypsilanti	47.6	21
Government III, Tulsa	25.5	20
Bell, Niagara Falls	8.5	14

NEW AIRPLANE ENGINE PLANTS-ARMY SPONSORED PROGRESS OF CONSTRUCTION AND EQUIPMENT

Major Projects	Estimated Cost (Millions)	Percent on Hand Oct.15
Packard, Detroit	29.9	92
Ford, Dearborn	37.8	67
Wright, Lockland	43.0	67
Studebaker, South Bend	20.2	25
Buick, Melrose	41.3	23
Studebaker, Fort Wayne	9.0	17
Studebaker, Chicago	20.6	17
Chevrolet, Buffalo	37.2	0
Jacobs, Pottstown	13.1	0



Fiscal Year	Flying Hours	Fatalities	Rate Per 100,000 Hrs.	Fiscal Year	Flying Hours	Fatalities	Rate Per 100,000 Hrs.
1921	77,000	73	94.8	1931	397,000	26	6.5
1922	65,000	44	67.6	1932	371,000	49	13.2
1923	66,000	58	87.8	1933	433,000	46	10.6
1924	98,000	34	34.6	1934	374,000	54	14.4
1925	150,000	40	26.6	1935	450,000	47	10.4
1926	158,000	43	27.2	1936	501,000	59	11.8
1927	141,000	43	30.4	1937	513,000	48	9.4
1928	183,000	27	14.7	1938	591,000	62	10.5
1929	263,000	62	23.5	1939	719,000	52	7.2
1930	325,000	52	16.0	1940	930,000	88	9.5
				1941	2,414,000	256	10.6

SIGNAL CORPS

PROCUREMENT FOR ARMY OF 1,820,000

<u>Ground Radio Communication</u>	<u>Total Required</u>	<u>Percent on Hand Oct.31</u>
Animal Pack SCR-179,203	155	100
Intelligence SCR-243,244	224	100
Direction Finder SCR-206,255	180	100
"Walkie-Talkie" SCR-194,195	8,794	97
Tanks and Vehicles SCR-193,245	6,969	90
Army Miscellaneous SCR-177,188	1,536	62
Trailer Air Liaison SCR-197	356	56
Intra-Regiment SCR-131,161,171,288	7,047	54
Air-Ground Liaison SCR-178	1,462	53
Tanks, etc. (new type) SCR-508,528,538	7,639	0
Armored Force Misc. SCR-509,510	2,615	0
Parachute SCR-536	1,849	0

SIGNAL CORPS

PROCUREMENT FOR ARMY OF 1,820,000

Misc. Ground Equipment	Total Required	Percent on Hand Oct.31
Telephone EE-8	79,111	100
Switchboards BD-71,72,89,96	12,992	100
Wire (Miles) W-110B,103	289,968	56
Aircraft Warning SCR-268,270,271	778	52
Converter M-134	328	42
Tel.Central Off.Set TC-1,2	143	13
Converter M-209	14,345	0
Blind Landing SCR-251	234	0
Net Control System SCS-2, Semi-Fixed	15	0
Net Control System SCS-3, Mobile	120	0
Electronic Equip. SCR-296,527,532, 533,541,545	5,958	0

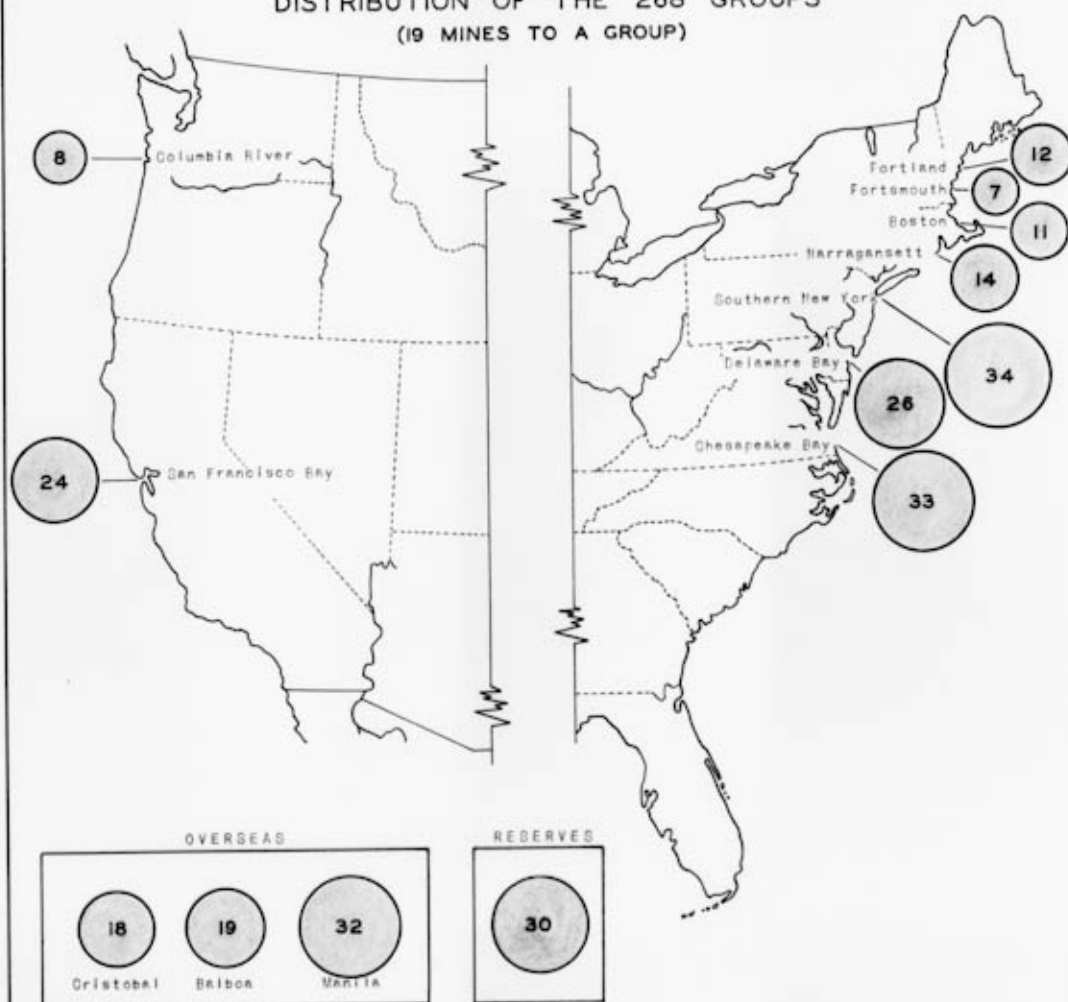
MEDICAL DEPARTMENT

PROCUREMENT FOR ARMY OF 1,820,000

	Total Required	Percent on Hand Oct.31
Radiographic- Fluoroscopic Mch.	410	100
Chests, Field and Pack	19,500	94
First Aid Packet	2,825,000	82
Urological Table	131	81
X-Ray, Table Unit	202	73
X-Ray, Mobile	663	63
Cassette, Stereoscopic	325	62
Hospital Sterilizer	621	49
Splints- Arm, Leg, Wrist	103,200	42
- . . . -		
Instruments, Surgical	\$2,773,000	100

SUBMARINE MINE INSTALLATIONS A COMPLETED PROGRAM

DISTRIBUTION OF THE 268 GROUPS
(19 MINES TO A GROUP)



The total requirement of 268 groups has been delivered--seven months ahead of schedule. Thus the Coast Artillery Corps is the first Supply Arm to complete its direct procurement program.

STOCKPILE

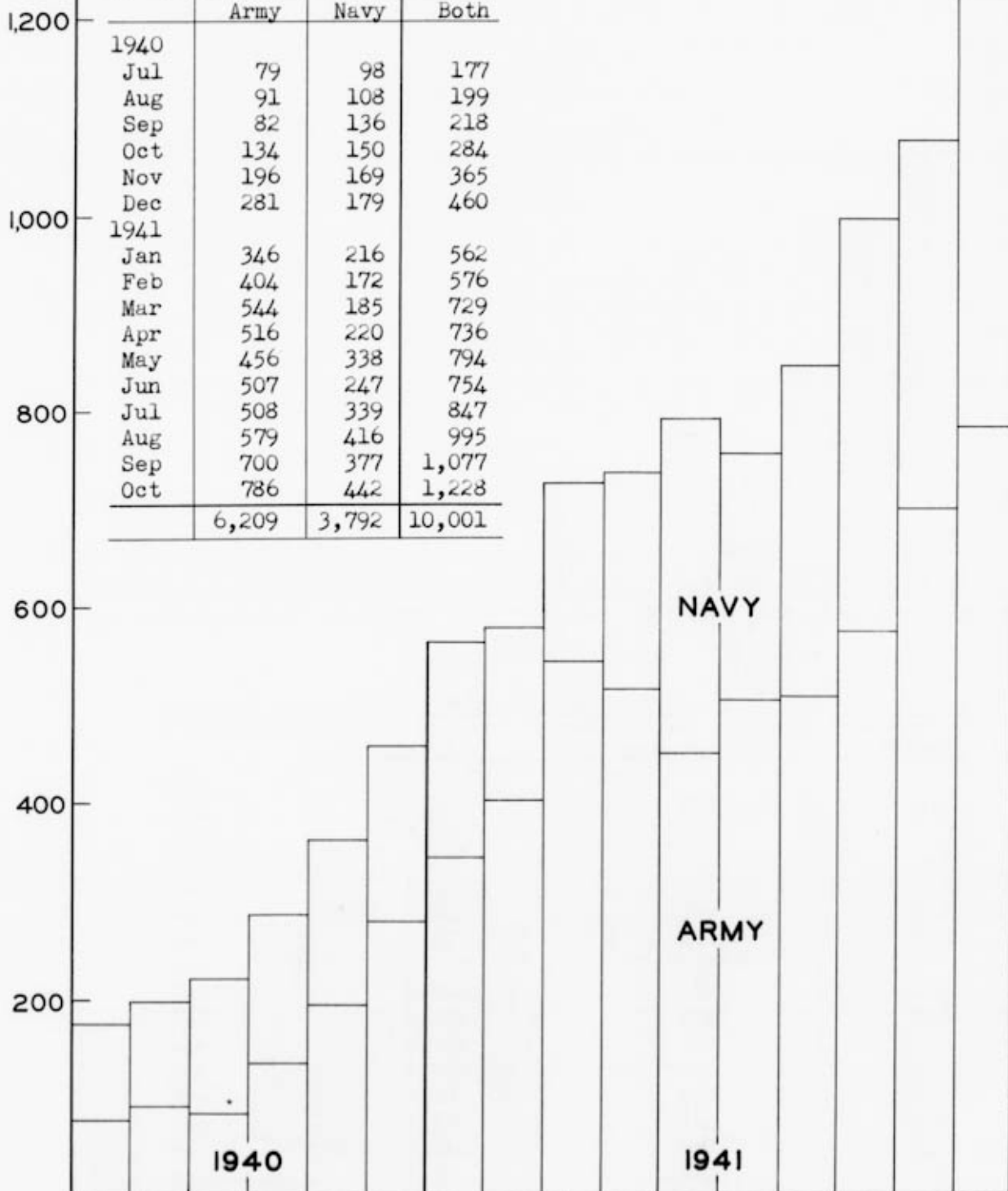
	Currently Recommended	Percent on Hand Nov.8
Quartz Crystals (thou.lbs.)	1,002	100
Quinine (thou.oz.)	9,200	78
Rubber (long tons)	518,000	54
Tungsten (short tons)	30,500	23
Antimony (short tons)	27,000	22
Mica (short tons)	13,850	19
Tin (long tons)	307,434	16
Chromium Ore (thou.long tons)	1,950	13
Manganese (thou.long tons)	3,300	13
Ind. Diamonds (thou.carats)	6,410	11
Mercury (flasks)	35,000	10
Manila Fiber (thou.bales)	2,037	6

Quartz Crystals have been acquired in excess of recommendations to the extent of 241,000 pounds.

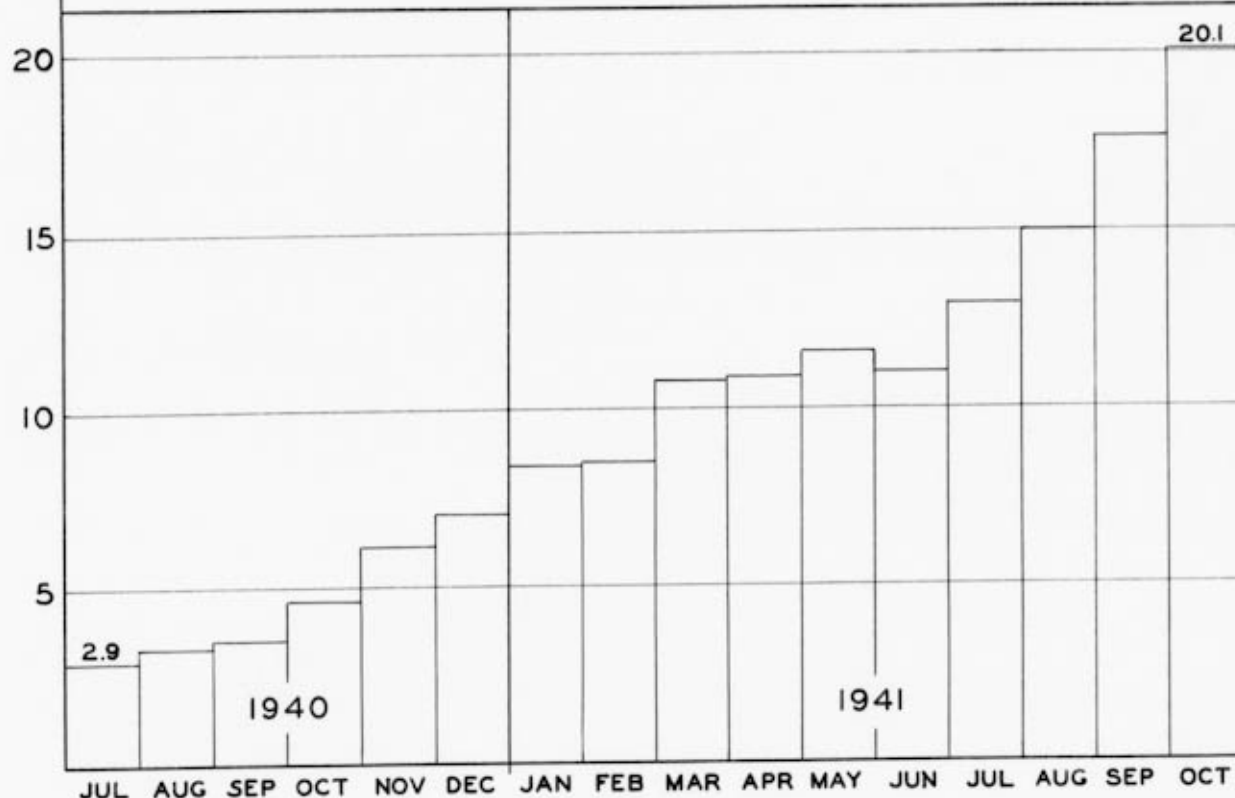
MILITARY EXPENDITURES

MILLIONS EXPENDED - MONTHLY

	Army	Navy	Both
1940			
Jul	79	98	177
Aug	91	108	199
Sep	82	136	218
Oct	134	150	284
Nov	196	169	365
Dec	281	179	460
1941			
Jan	346	216	562
Feb	404	172	576
Mar	544	185	729
Apr	516	220	736
May	456	338	794
Jun	507	247	754
Jul	508	339	847
Aug	579	416	995
Sep	700	377	1,077
Oct	786	442	1,228
	6,209	3,792	10,001



DEFENSE EXPENDITURES AS PERCENTS OF NATIONAL INCOME



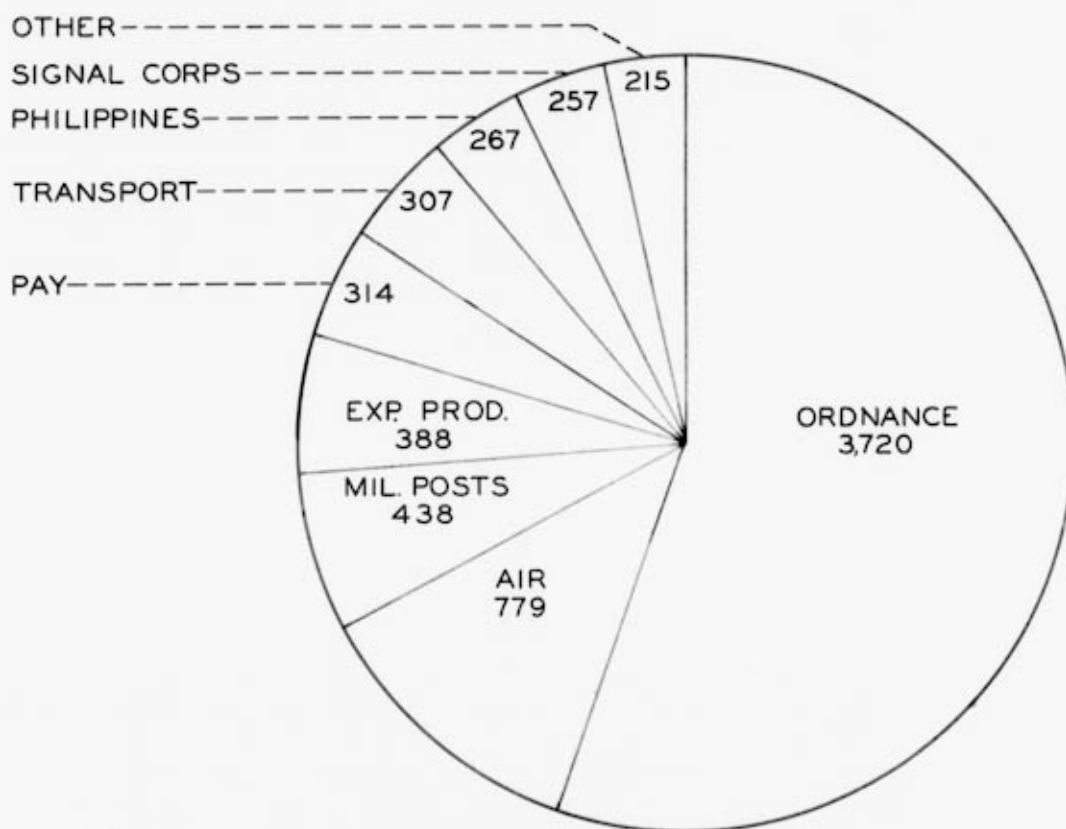
NATIONAL INCOME AND DEFENSE EXPENDITURES - MILLIONS OF DOLLARS

	Income	Expenditures	Percent
1940			
Jul	6,267	185	2.9
Aug	6,357	210	3.3
Sep	6,430	225	3.5
Oct	6,498	297	4.6
Nov	6,542	379	6.1
Dec	6,677	470	7.0
1941			
Jan	6,806	569	8.4
Feb	6,902	584	8.5
Mar	6,941	748	10.8
Apr	6,986	763	10.9
May	7,205	837	11.6
Jun	7,350	812	11.0
Jul	7,440	960	12.9
Aug	7,491	1,124	15.0

THIRD SUPPLEMENTAL OF F.Y. 1942

AS PRESENTED TO CONGRESS

TOTAL 6,687 MILLION DOLLARS

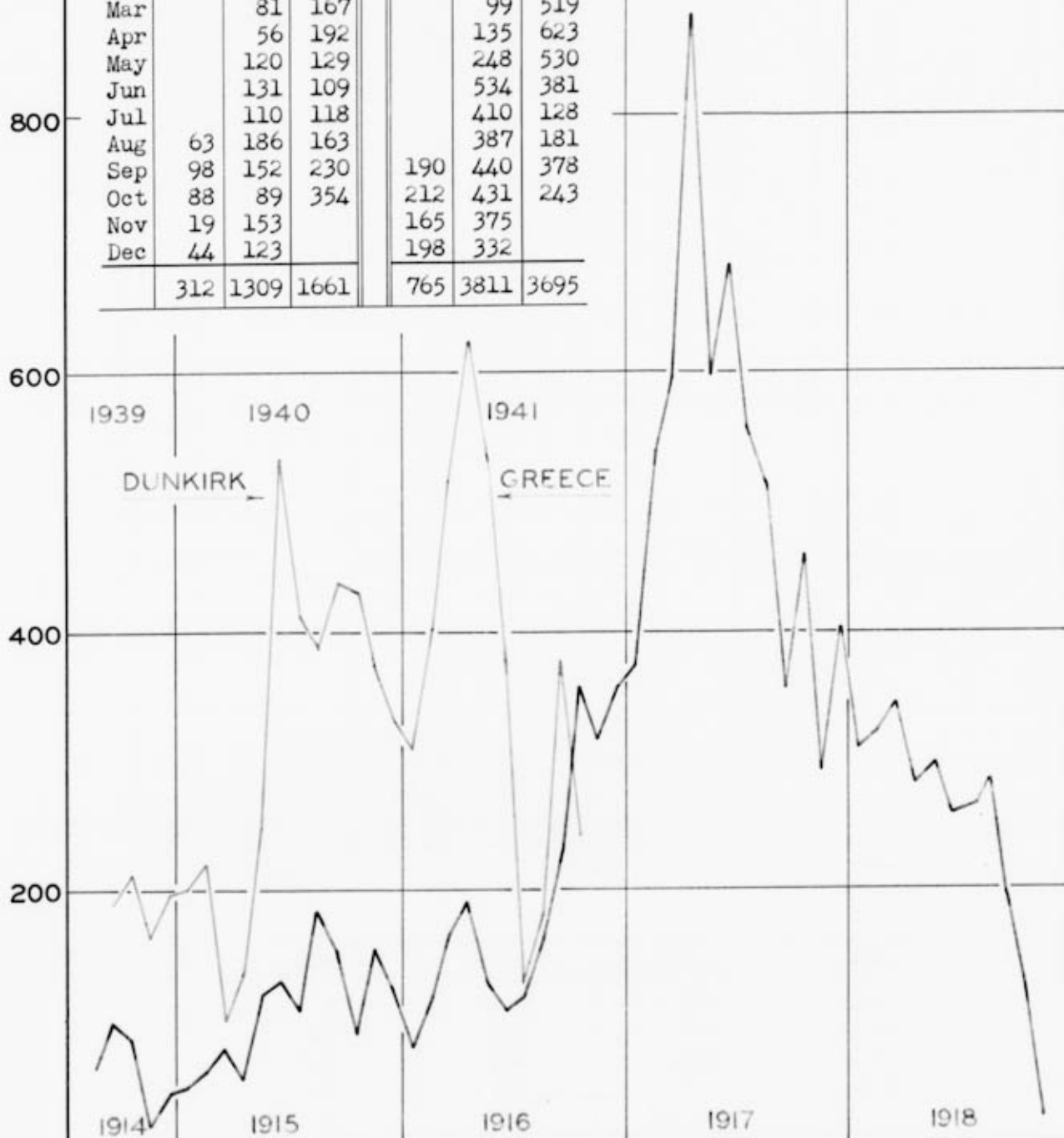


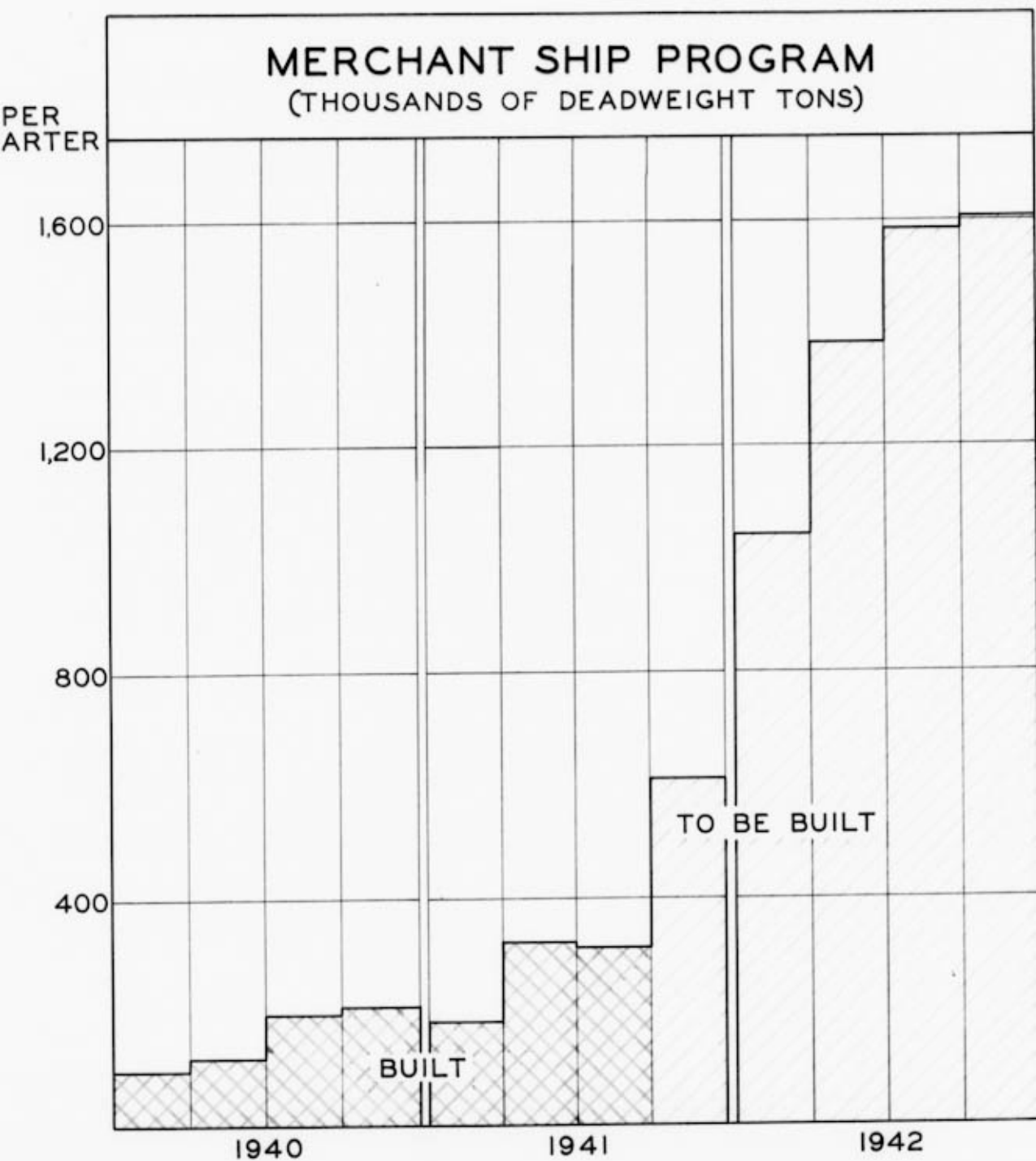
Army Agency or Item	Million Dollars	Percent
Ordnance Department	3,720	55.6
Air Corps	779	11.6
Military Posts	438	6.6
Expediting Production	388	5.8
Pay	314	4.7
Transportation	307	4.6
Army of Philippines	269	4.0
Signal Corps	257	3.8
Other	215	3.3
Total	6,687	100.0

SINKINGS OF BRITISH AND NEUTRAL SHIPPING

THOUSANDS OF GROSS TONS - MONTHLY

	1914	1915	1916	1939	1940	1941
Jan		48	81		200	310
Feb		60	118		220	402
Mar		81	167		99	519
Apr		56	192		135	623
May		120	129		248	530
Jun		131	109		534	381
Jul		110	118		410	128
Aug	63	186	163		387	181
Sep	98	152	230	190	440	378
Oct	88	89	354	212	431	243
Nov	19	153		165	375	
Dec	44	123		198	332	
	312	1309	1661	765	3811	3695





Quarter	1940	1941	1942
I	100	183	1,042
II	120	323	1,384
III	198	<u>317</u>	1,585
IV	213	<u>613</u>	1,606