

user: Reports, weekly statistical 6/30-7/4/12

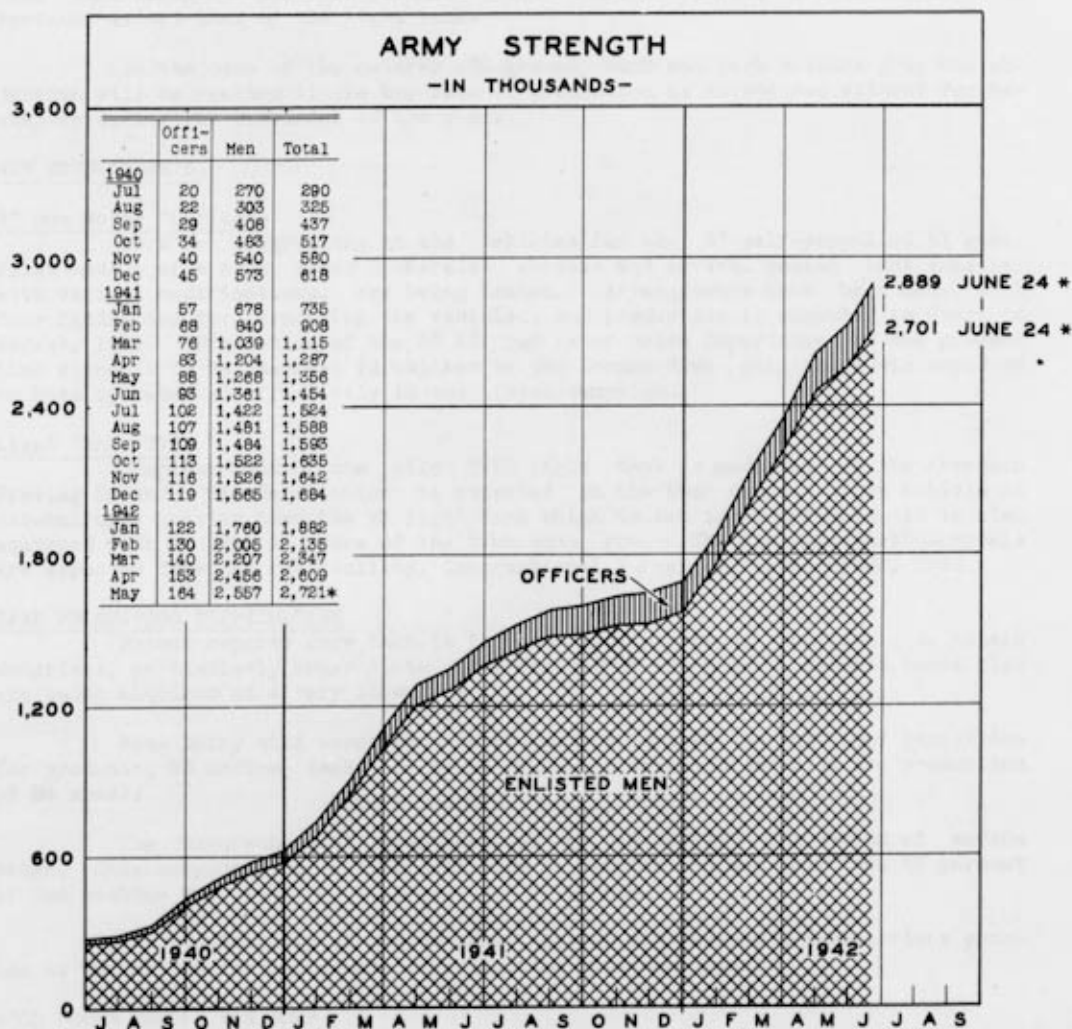
WEEKLY STATISTICAL SUMMARY
REPORT NO. 52
JUNE 25, 1942

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ARMY STRENGTH - JUNE 24, 1942

Source of Information: Statistics Branch, General Staff



* Estimates

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Personnel
1

Statistical Service
SOS - 6-25-42

TEXT SUMMARY - ORDNANCE DEPARTMENT - JUNE 25, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

1942 TIME OBJECTIVES

The rate of production increase needed to achieve the 1942 time objective for selected critical Ordnance items is shown in the diagrams on pages five, six and seven. This required rate of increase, based on May production, has decreased from that shown by previous studies based on December, 1941 production in every instance except that of the light tank.

In the case of the caliber .30 ground, tank and pack machine gun, the objective will be reached if the May rate of production is maintained without further step-up during the remainder of the year.

NEW DEVELOPMENTS

3" Gun Motor Carriages

Work is progressing on the vehicles for the 3" self-propelled AT guns. Pilot models of a high speed commercial chassis and several medium tank chassis, with various modifications, are being tested. Arrangements have been made with four facilities for producing the vehicles, and production is expected to start in August, 1942. Production of the 3" AT gun is of prime importance at the present time since it is the nearest in caliber to the German 88mm gun, which was reported to have operated so effectively in the Libyan campaign.

Light Tank, T7E2

Complete test of the pilot T7E2 light tank is underway at the Aberdeen Proving Ground. Standardization is expected in the near future. This vehicle is several tons heavier than the M3 light tank which is now in production; it is also equipped with a 57mm in place of the 37mm tank gun. The first production models are expected from the one facility, International Harvester, in November, 1942.

TANK PRODUCTION DIFFICULTIES

Recent reports show that it is becoming increasingly difficult to obtain materials, particularly armor plate, for the output of tanks. Machine tools also are being acquired at a very slow rate.

Some delay will occur in tank production due to the fact that facilities for producing M3 medium tanks are to be gradually switched over to the production of M4 models.

The manufacture of transmissions is controlling the output of medium tanks. This component is a difficult item to manufacture and involves 50 percent of the machine work required in production of a tank.

The availability of medium tank engines may become a more serious problem as two of the facilities are experimenting with new types.

4000 POUND DEMOLITION BOMB

May acceptances for the 4000 pound demolition bomb were 647. In January 100 of these bombs were loaded. The remaining portion of the 2,000 required by the Army Supply Program is scheduled for this month and on June 17, 778 of these had already been accepted. Planes capable of carrying this bomb are now available.

ARMORED DIVISION AND TANK BATTALIONS - MAY 31, 1942

Source of Information: Ordnance Department, General Staff and Statistical Service

As of May 31, 1942 there were seven armored divisions and sixteen tank battalions organized or in the process of being organized in the United States. To fill allowances reports from the various units in the field indicate a total requirement of 928 more medium and 307 light tanks. In addition to the tanks indicated as on hand are 203 substitute standard light tanks with various units which are designed to carry only machine guns as armament. For the tanks now on hand in the field there is a shortage of 309 of the 37mm and 451 of the 75mm tank guns.

Production of the 37mm and 75mm tank guns is in excess of the requirements for arming the medium and light tanks produced. Tanks are now being shipped to the field supplied with these tank guns. When a sufficient backlog has been built up to allow time for proof-firing, shipping and installation, guns will be supplied to fill the shortages which exist with the tanks now in use in this country.

Armored Divisions	Tanks on Hand		Shortage of guns for tanks on hand	
	Light	Medium		
			37mm	75mm
Allowance	(158)	(232)		
2nd	102	295	1	0
3rd	170	108	5	104
4th	148	230	0	203
5th	157	0	54	-
6th	212	17	107	No Report
7th	64	58	0	No Report
8th	88	44	77	29
Tank Battalions (Light)				
Allowance	(54)	(0)		
70th	36		0	
191st	55		1	
742nd	0		-	
743rd	0		-	
744th	19		0	
756th	37		0	
757th	54		0	
758th	54		0	
759th	54		0	
761st	54		0	
Tank Battalions (Medium)				
Allowance	(0)	(54)		
741st	35	0	9	
751st		54	0	10
752nd		54	0	0
753rd		54	20	37
755th		52	18	35
760th		54	17	33

DAYS SUPPLY - AMMUNITION VS GUNS - MAY 31, 1942

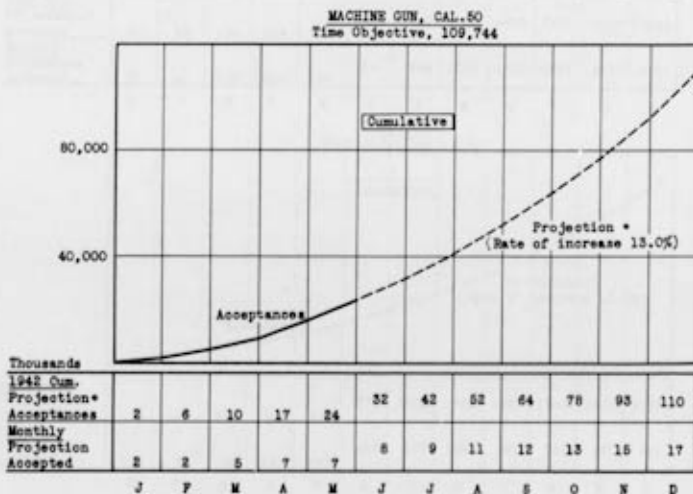
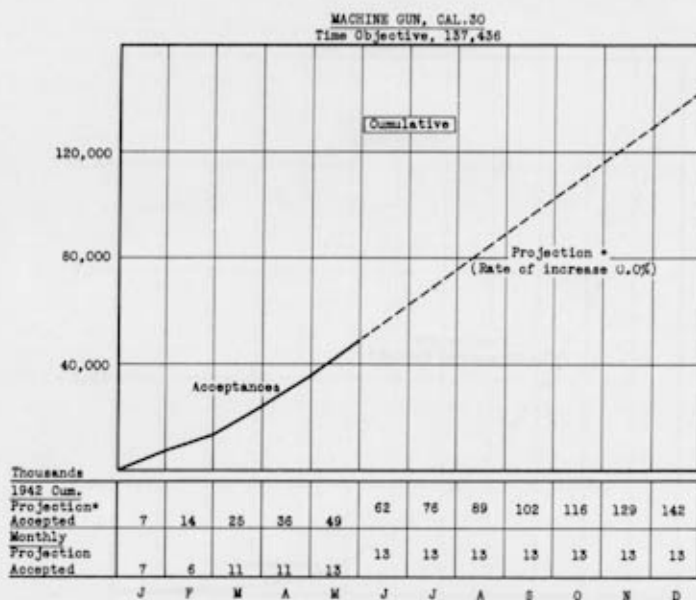
Source of Information: General Staff and Statistical Service, SOS

In the following table amounts of ammunition shown exclude smoke and gas shells. Days of fire are based on guns and ammunition on hand.

Type	On Hand May 31, 1942		Days	Days Supply of Ammunition			
	Guns	Ammunition (THOUSANDS)		In U. S.	Overseas		
				45	90	135	180
Caliber .30	1,613,517	701,101	27				
	981,977	587,042	104				
Caliber .45	409,560	165,666	52				
	95,269	47,551	93				
Caliber .50	117,810	120,082	10				
	7,115	88,678	128				
37mm T & AT	9,854	3,245	33				
	1,682	1,665	99				
37mm AA	376	2,243	597				
	365	1,512	414				
40mm AA	264	6,253	237				
	186	231	124				
75mm gun	4,999	5,195	47				
	11,638	986	85				
75mm howitzer	560	1,311	73				
	87	317	114				
90mm AA	433	520	120				
	158	311	197				
105mm howitzer	2,036	2,315	40				
	333	1,093	137				
155mm howitzer	1,661	2,054	77				
	105	243	145				
155mm gun	812	270	54				
	186	222	298				
60mm mortar	5,753	1,437	33				
	967	1,364	188				
81mm mortar	2,386	694	56				
	745	671	200				

MACHINE GUNS - TANK, GROUND, AND ANTIAIRCRAFT - 1942 TIME OBJECTIVES - MAY 31, 1942

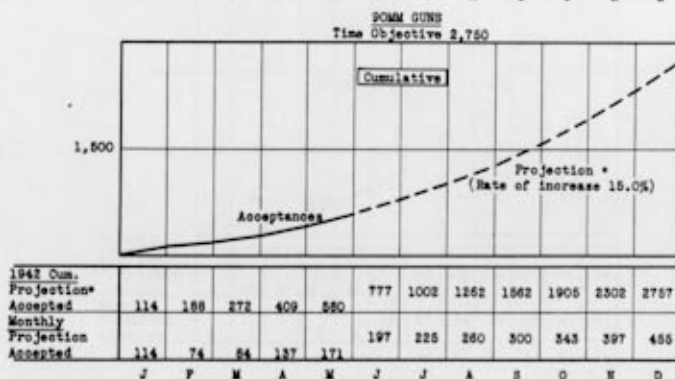
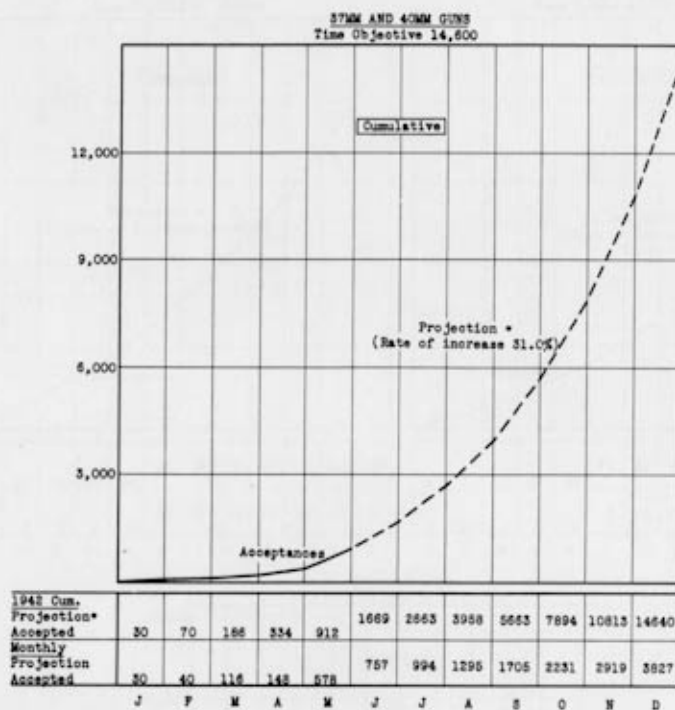
Source of Information: Ordnance Department and Statistical Service, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the May 1942 production required to approximate the time objectives for the calendar year 1942.

ANTI-AIRCRAFT GUNS - 1942 TIME OBJECTIVES - MAY 31, 1942

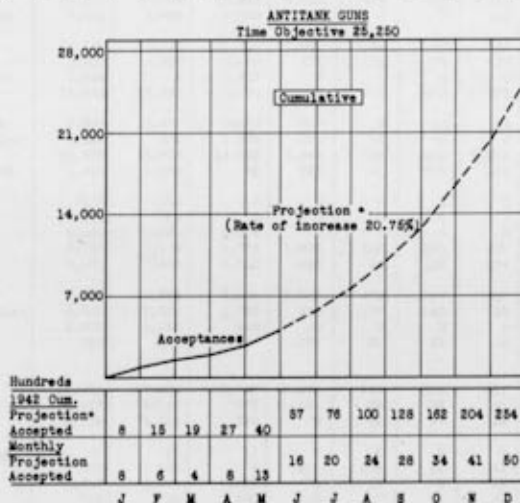
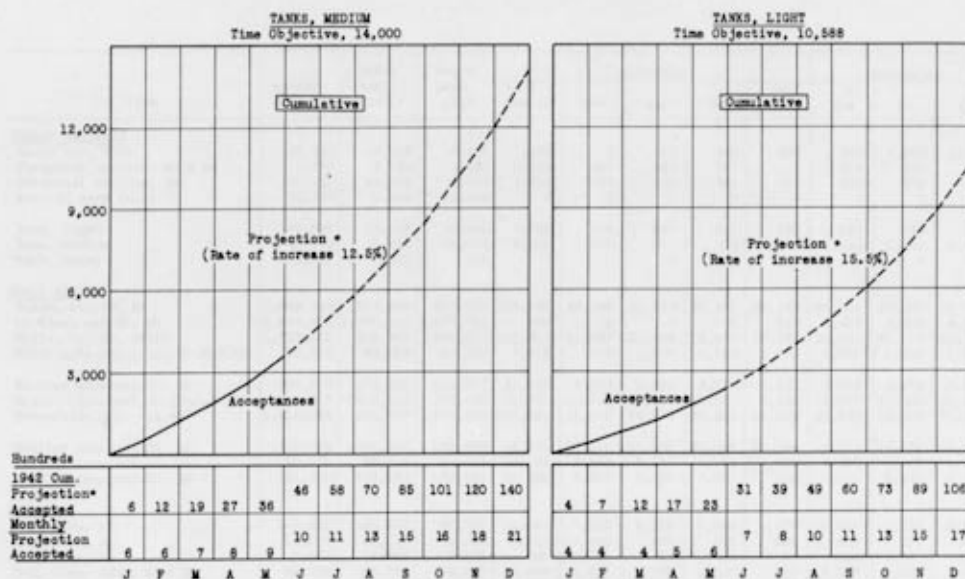
Source of Information: Ordnance Department and Statistical Service, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the May 1942 production required to approximate the time objectives for the calendar year 1942.

TANKS AND ANTITANK GUNS - 1942 TIME OBJECTIVES - MAY 31, 1942

Source of Information: Ordnance Department and Statistical Service, SOS



* This projected cumulative curve is based on the minimum monthly percentage rate of increase as compared with the May, 1942 production required to approximate the time objectives for the calendar year 1942.

TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE EQUIPMENT ITEMS ON ARMY SUPPLY PROGRAM - JUNE 15, 1942

Source of Information: Ordnance Department

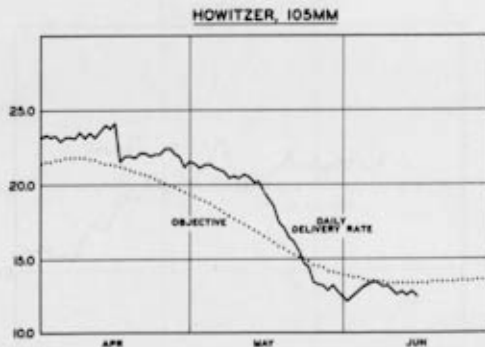
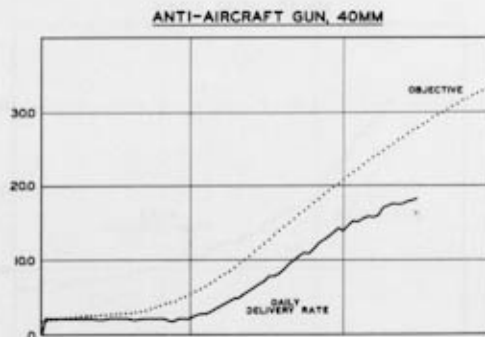
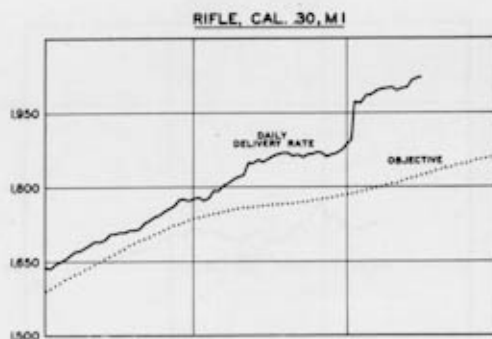
Item	Author- ized *	Under con- tract *	Req'd Prod. 1942	Accepted					Estimated		
				Jan 1 - Jun 15	Mar	Apr	May	Jun 1 - 15	Jun	Jul	Aug
COMBAT VEHICLES											
Scout car, M3A1	15,538	15,538	9,405	1,259	0	295	590	392	900	1,100	1,200
Personnel carrier, M2 & M4	9,735	9,735	4,555	2,229	460	220	287	7	124	424	855
Personnel carrier, M3	20,182	15,182	4,547	1,715	192	198	301	183	300	300	280
Armored cars (all)	14,370	9,300	8,937	0	0	0	0	0	0	0	10
Tank, light	24,582	24,582	10,588	2,799	418	547	635	320	647	783	975
Tank, medium	40,692	40,692	14,000	4,105	672	817	903	354	1,160	1,425	1,685
Tank, heavy	1,037	500	115	0	0	0	0	0	2	4	10
SMALL ARMS											
Rifle, cal.30, M1	1,256,949	1,205,949	579,500	287,792	49,180	53,280	58,481	30,140	56,000	58,800	60,000
Carbine, cal.30, M1	1,658,458	1,607,243	1,077,808	249	0	0	0	118	1,405	3,500	9,200
Rifle, cal.30, M1903	1,710,203	806,727	979,000	132,313	21,889	25,982	29,470	17,278	29,000	31,000	31,000
Rifle, auto. Brg., cal.30, M1918A2	33,659	31,219	49,240	7,434	900	1,170	2,735	1,070	1,500	1,500	1,500
Machine gun, cal.30, AC	224,710	134,859	114,957	41,589	6,090	9,221	9,737	4,411	8,570	9,279	9,385
Machine gun, cal.30 (Var.)	443,583	435,599	137,436	59,792	10,849	11,010	13,335	7,126	12,777	14,860	16,278
Submachine gun, cal.45	1,619,094	800,227	979,336	280,036	48,092	54,340	56,384	24,820	59,000	59,000	73,000
Machine gun, cal.50, AC	518,054	351,552	188,488	92,721	15,530	15,805	20,495	10,564	18,038	19,450	19,955
Machine gun, cal.50, AA	58,094	56,704	35,465	15,459	2,035	3,335	4,144	2,090	4,490	4,825	4,825
Machine gun, cal.50, HB	121,400	120,170	74,281	12,380	2,556	3,339	3,150	426	3,300	4,050	4,750
ARTILLERY											
Gun, 20mm, AC	141,622	141,426	41,710	24,105	3,912	4,738	5,295	2,629	6,501	7,110	7,720
Gun, 37mm, AC	14,516	13,712	4,953	2,029	350	400	425	227	600	717	810
Gun, 37mm, AA	2,873	2,873	5,500	435	51	83	150	66	200	250	250
Gun, 37mm, tank, M2 & M3	66,795	66,779	19,763	9,019	1,495	1,782	1,896	727	2,323	2,675	3,375
Gun, 37mm, AT, wheeled	20,050	20,050	14,461	4,333	394	752	1,002	423	1,200	1,400	1,500
Gun, 37mm, AT, self-propelled	5,404	5,404	2,539	247	0	0	157	77	350	200	200
Gun, 40mm, AA, M1 & SP	25,790	15,790	11,100	1,002	65	65	428	296	600	800	1,100
Gun, 57mm, AT, wheeled	5,500	5,500	1,059	412	2	75	178	102	210	290	395
Gun, 57mm, AT, self-propelled	2,646	0	1,813	0	0	0	0	0	Schedule not available		
Mortar, 60mm	17,442	17,442	3,790	2,307	379	323	302	304	900	1,000	500
Howitzer, 75mm, field & pack	2,087	2,087	1,213	307	0	48	54	38	117	115	235
Howitzer, 75mm, self-propelled	2,616	800	1,839	201	68	86	0	0	Schedule not available		
Gun, 75mm, tank	46,909	46,015	14,190	5,942	796	922	1,288	1,147	2,025	2,391	2,572
Gun, 75mm, AT, self-propelled	1,350	1,350	50	526	101	218	206	0	175	225	135
Gun, 3", tank	115	115	115	0	0	0	0	0	Starts in Sept 1942		
Gun, 3", AT, wheeled	100	100	0	0	0	0	0	0	0	20	10
Gun, 3", AT, self-propelled	5,445	1,580	5,378	0	0	0	0	0	0	0	19
Mortar, 81mm	8,733	7,199	3,773	1,836	286	281	320	260	500	500	500
Gun, 90mm, AA	8,000	7,524	2,750	688	84	137	171	68	193	220	262
Howitzer, 105mm, wheeled	3,914	3,895	3,035	2,027	479	467	356	35	394	163	295
Howitzer, 105mm, self-propelled	4,010	3,886	2,782	433	177	181	33	28	Schedule not available		
Howitzer, 155mm, new	1,270	1,270	450	0	0	0	0	0	Starts in Sept 1942		
Gun, 155mm, M1	755	465	458	194	31	31	35	14	30	40	45
FIRE CONTROL, AA											
Director, M2 & M3	36,995	27,984	18,767	1,375	144	254	442	313	545	755	1,055
Director, M7	3,517	3,117	986	151	21	27	31	15	25	29	34
Finder, height	2,101	2,101	942	79	18	17	24	5	24	25	35
Instrument, binocular training	17	17	11	7	0	0	0	0	0	0	10
Instrument, flank spotting	662	508	0	431	100	24	51	25	75	75	29
Instrument, observation, BC	2,712	2,572	1,231	78	16	5	15	13	100	130	161
Locator, sound	714	714	930	245	47	36	46	16	54	32	0
Rule, flank spotting	222	204	0	204	68	0	134	0	Schedule not available		
Tester, stereoscopic	1,039	1,039	414	0	0	0	0	0	312	150	150
Trainer, stereoscopic	835	581	251	37	5	5	3	3	7	6	5

Figures include procurement for International Aid and other services.
* Quantity accepted prior to January 1, 1942, has been excluded.

DAILY DELIVERY RATES - ORDNANCE DEPARTMENT - JUNE 15, 1942

Source of Information: Ordnance Department

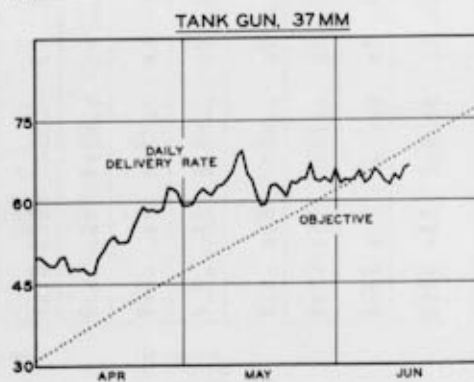
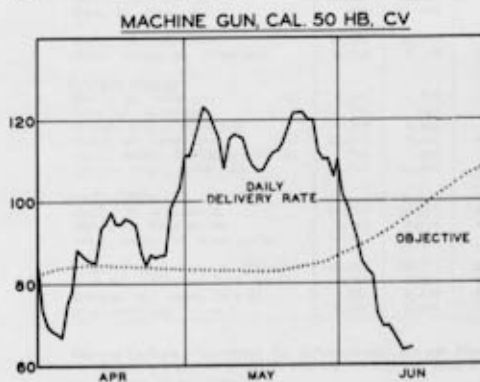
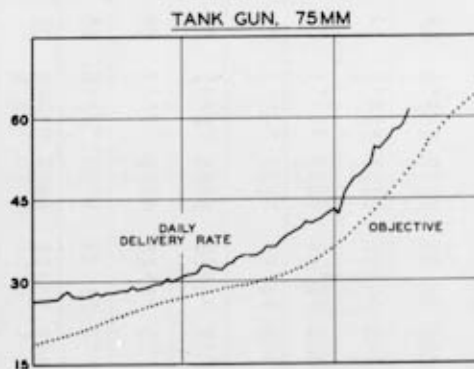
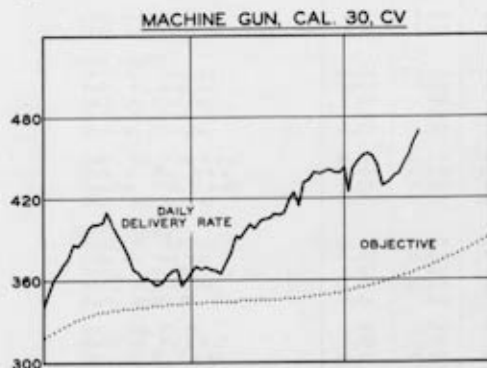
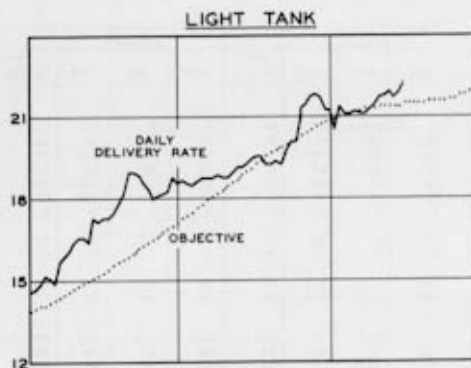
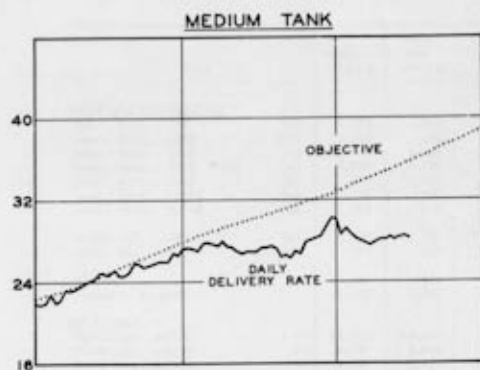
Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



DAILY DELIVERY RATES - ORDNANCE PROCUREMENT - JUNE 15, 1942

Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE AMMUNITION ITEMS ON ARMY SUPPLY PROGRAM - JUNE 15, 1942

Source of Information: Ordnance Department

(Figures in thousands)

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1 - Jun 15	Mar	Apr	May	Jun 1 - 15	Jun	Jul	Aug
BOMBS AND PYROTECHNICS											
Bomb, frag., 50#	(a)	1,226	1,223	1,227	260	110	0	0	0	Not scheduled	
Bomb, chem., 100#	(ab)	2,515	845	2,104	133	25	31	36	25	100	128
Bomb, dem., 100#	(a)	6,240	8,558	1,897	689	279	137	180	17	100	90
Bomb, dem., 250#, 500#	(a)	4,921	4,000	1,252	215	39	44	40	9	25	40
Bomb, dem., 500#	(a)	1,899	1,509	815	229	23	46	31	24	50	60
Bomb, dem., 1000#	(a)	1,236	608	724	23	(c)	2	8	3	7	15
Bomb, dem., 2000#	(a)	269	191	38	3	0	0	0	0	(c)	3
Bomb, SAP, 500#	(a)	1,257	927	491	15	0	0	4	9	25	40
Bomb, SAP, 1000#	(a)	563	419	289	0	0	0	0	0	0	5
Flares		3,982	533	976	51	5	11	12	22	115	115
Signals, aircraft		14,768	3,060	4,039	272	82	40	20	20	250	250
SMALL ARMS											
Cartridge, cal.30	**	16,996	10,441	8,352	1,553	306	418	522	248	662	763
Cartridge, cal.45	**	6,902	5,454	3,297	331	66	74	66	32	76	87
Cartridge, cal.50	**	5,540	5,354	2,445	308	45	58	99	56	151	204
Link, metallic belt, cal.30	**	4,983	2,346	2,579	210	35	41	47	22	51	67
Link, metallic belt, cal.50	**	5,440	3,928	2,755	472	101	100	108	58	136	159
MINOR CALIBERS											
Cartridge, 20mm, AC		245,586	205,910	108,454	24,800	3,592	6,127	5,524	2,448	7,150	8,728
Shell, HE, 37mm, AC		12,485	9,510	1,628	912	441	49	165	9	0	0
Shot, AP, 37mm, AC		692	543	567	61	12	22	27	0	20	30
Shell, HE, 37mm, AA		17,255	17,255	8,401	3,704	383	554	485	317	850	800
Shot, AP, 37mm, AA		2,016	1,109	1,215	0	0	0	0	0	50	53
Shell, HE, 37mm, T & AT		52,258	21,706	14,329	1,833	432	455	705	176	1,000	1,250
Shot, AP, 37mm, T & AT		76,208	47,878	26,249	5,513	1,011	1,905	1,856	828	2,500	2,500
Cartridge, 37mm, T & AT		5,332	4,103	1,853	690	0	79	171	430	300	200
Shell, HE, 40mm, AA		70,989	28,918	24,360	1,106	150	163	621	74	350	500
MEDIUM CALIBERS											
Shell, HE, 75mm gun		21,893	7,429	10,628	2,211	473	595	460	95	500	590
Shot, AP, 75mm gun		23,546	23,546	7,131	1,905	227	506	339	298	590	750
Shell, smoke, WP, 75mm gun	(a)	407	520	154	280	0	88	87	0	Not scheduled	
Shell, HE, 75mm how.		15,442	10,136	7,527	2,538	641	505	659	406	650	705
Shell, smoke, WP, 75mm how.		1,601	618	547	83	0	0	22	61	60	60
Shell, HE, 5", AA		1,935	1,740	1,554	1,362	226	404	226	152	166	135
Shell, HE, 5", T & AT		4,738	4,081	842	88	15	0	0	58	(c)	50
Shot, AP, 5", T & AT		15,481	9,017	2,514	40	0	0	0	40	100	125
Shell, HE, 90mm, AA		12,095	10,317	6,515	805	0	177	300	0	270	330
Shot, AP, 90mm, AA		554	575	255	0	0	0	0	0	0	1
Shell, HE, 105mm how.		52,856	28,280	11,066	3,521	610	752	554	395	820	825
Shell, smoke, WP, 105mm how.		4,149	3,196	1,274	215	19	95	41	60	70	100
SEPARATE LOADING											
Shell, HE, 155mm gun	(a)	1,403	1,376	654	141	85	20	0	0	15	60
Shot, AP, 155mm gun		301	283	237	2	0	0	1	1	10	20
Charge, prop., 155mm gun		1,923	1,902	795	606	132	175	101	55	140	70
Shell, HE, 155mm how.	(a)	10,085	9,781	4,210	1,672	219	282	414	161	259	250
Shell, smoke, WP, 155mm how.	(a)	783	585	285	31	10	0	0	21	30	0
Charge, prop., 155mm how.		11,435	11,425	5,019	2,477	646	298	363	151	491	450
MISCELLANEOUS											
Shell, HE, 60mm mortar		28,969	28,277	9,508	3,770	591	1,120	618	282	950	1,000
Shell, HE, 61mm mortar		7,943	7,694	4,723	1,555	402	455	396	0	200	11
Shell, smoke, WP, 61mm mortar		765	745	550	102	0	2	77	23	55	25
Grenade, hand, frag. & offensive		13,059	12,911	2,992	270	0	0	0	0	175	445
Grenade, rifle, cal.30 & cal.50		3,707	3,707	3,354	654	80	280	200	65	253	243
Grenade, HE, smoke, 60 & 42		6,720	6,589	1,548	34	(c)	34	0	0	80	170
Mine, antitank		6,035	6,026	2,491	1,055	125	203	478	198	630	650

Figures include procurement for International Aid and other services.
* Quantity accepted prior to January 1, 1942 has been excluded.
** Figures in millions.

(a) Unfused.
(b) Unfilled.
(c) Less than 1,000.

SHELL, SHOT AND BOMB BODIES - SHORT LIST - JUNE 20, 1942

Source of Information: Ordnance Department and Statistical Service, SOS

Progress in production of all shell, shot and bomb bodies listed in the Ordnance Department Short List dated June 15, is shown below. All figures are taken from Ordnance Department planning sheets used at the monthly meetings of May 31 and June 20 between representatives of the Ordnance Department, Headquarters, SOS and WPB.

While production estimates appear to meet objectives in most cases, it may be noted that May production fell short of estimates in many cases. Continued failure to meet estimated production will result in failure to meet objectives, especially in the cases of the 20mm AP shot body, the 40mm shell body, the 155mm AP shot body and the 250-lb GP bomb.

AMMUNITION COMPONENTS

(Thousands)

Item	1942 Objective	Production		May Production	
		Estimated for 1942	Cumulative thru May	Estimated	Actual
20mm shell body, MkI	43,508	70,060	10,176	3,793	3,956
20mm AP shot body, M75	35,522	38,693	235	1,261	219
37mm shell body, M53	14,329	23,685	2,354	1,200	773
40mm shell body, MkII	24,360	28,582	1,049	1,635	428
40mm AP shot body, M81	2,972	2,665	0	2	0
75mm AT shell body, M66	149	190	0	3	0
90mm shot body, M77	253	247	0	1	0
105mm shell bodies, M60 & M84	2,052	2,640	592	105	122
105mm AT shell body, M67	219	145	0	2	0
155mm shell body, M107	1,995	3,035	40	158	38
155mm AP shot body, M112	237	296	18	25	9
8-inch shell body, M103	55	21	0	0	0
250# GP bomb body, M57	1,251	1,530	335	62	43
1000# GP bomb body, M44	724	488	34	10	13
2000# GP bomb body, M34	38	52	3	2	0
500# SAP bomb body, M58	491	625	13	12	11
1000# SAP bomb body, M59	289	199	0	0	0

TEXT SUMMARY - Q.M. BASIC ITEMS OF SUPPLY - JUNE 25, 1942

Source of Information: Office of the Quartermaster General

CHANGE IN PROCUREMENT POLICY

A change in the procurement operations of the Quartermaster Corps has been initiated recently. This step is the reduction or complete cancellation of any existing contract showing an undue delinquency, which the contractor has failed to remedy within reasonable time. Payments are made for justifiable damages incurred as a result of liquidation.

PRODUCTION BOTTLENECKS

Remedied - Liners, helmet, M-1: All production difficulties in regard to Liners, helmet, M-1, have been cleared up. Although production of the fibre type is limited, deliveries on all contracts for the plastic type will be completed on schedule.

Field, safe: The field safe shortage has been relieved by a change in specification No. 1-33. This change so modifies the fabrication of the safe that modern mass production methods may be used.

Developing - Scabbard, rifle: Delays in the delivery of Scabbards, rifle, continue due to slowness in the delivery of leather and hardware to the manufacturers. The shortage of heavy leather is pressing and every effort should be made to develop a Scabbard from a suitable substitute. The existing supply of heavy leather is sorely needed for shoes.

PROTECTIVE CLOTHING - PERMEABLE AND IMPERMEABLE

Permeable clothing protects against chemical agents in gaseous forms. It permits penetration by the gas but renders it harmless by neutralization. Permeable clothing is made of chemically treated cloth. Impermeable clothing offers protection against chemical agents in both gaseous and liquid form. It excludes the chemicals from contact with the body, and is composed of rubberized material.

A selection of permeable and impermeable items has been made and is shown in diagram form on a subsequent page. The items selected fall into two groups as related to the 1942 requirements. Hoods, Gloves and Undershirts, permeable, have deliveries which as of June 15 exceeded the total year's requirements. Gloves and Suits, one-piece, impermeable, and Suits, one-piece, permeable, had deliveries as of June 15 that were 23, 20 and 20 percent, respectively, of the 1942 requirements.

The delinquent contracts in connection with the first group are due to excessive rejection of finished articles. The low deliveries of the second group are due to slow starts in initial production and material shortages of cloth, zippers and rubber or rubber substitute.

The relatively poor delivery rate for Suits, one-piece, is serious in view of proposed plans to issue one to each man in every task force going abroad.

TABULAR SUMMARY - STATUS OF SELECTED Q.M. ITEMS ON ARMY SUPPLY PROGRAM - JUNE 15, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

Item	Author- ized ss	Under contract ss	Req'd. prod. 1942	Accepted				Estimated				
				Jan 1- Jun 15	Mar	Apr	May	Jun 1-15	Jun	Jul	Aug	
CLOTHING												
*Belt, web, waist	a/	Thou 8,786	Thou 8,786	Thou 5,599	3,996,600	825,000	539,000	822,500	395,100	2,926,600	900,000	1,000,000
*Boots, rubber, knee	a/	184	184	291	178,438	22,942	52,607	20,286	875	0	0	0
Coat, wool, serge	a/	7,926	7,926	6,777	2,586,889	473,464	575,030	554,847	259,533	1,264,572	600,000	900,000
*Drawers, cotton	37,423	37,423	1,486	11,904,328	1,292,388	2,071,942	3,110,748	1,369,138	4,763,924	3,522,000	2,000,000	2,000,000
Gloves, wool	9,611	9,611	7,476	2,995,644	582,041	489,318	617,465	310,627	597,475	618,052	966,200	966,200
Jacket, field	12,489	11,867	8,647	2,546,254	355,893	547,701	549,750	370,664	1,197,350	1,572,800	1,884,200	1,884,200
Jacket, HBT	12,900	11,476	5,333	3,712,168	492,009	819,596	889,537	445,589	1,460,013	1,183,768	660,000	660,000
Leggings, canvas, dsmtd.	31,360	26,593	8,826	2,764,709	490,507	489,626	537,762	563,611	1,144,552	1,674,000	2,725,000	2,725,000
Liner, helmet, steel	10,807	10,807	7,381	1,018,983	400,076	154,084	60,250	36,999	750,000	1,000,000	1,800,000	1,800,000
Overcoat, wool, o.d.	6,171	6,171	3,367	2,028,000	412,303	455,601	355,728	194,513	578,552	190,000	430,000	430,000
*Raincoat, mtd. & dsmtd.	8,654	8,654	4,968	1,501,776	299,766	303,946	174,574	102,861	494,049	999,300	1,132,100	1,132,100
*Shirt, cotton	a/	22,791	17,030	5,026	8,115,569	1,399,487	1,815,387	1,883,156	854,192	2,971,076	1,043,491	1,341,595
Shirt, flannel	a/	17,028	17,028	9,991	5,016,369	772,277	925,917	984,549	685,454	1,995,684	1,500,000	1,000,000
*Shoes, service (I. low)	28,239	23,396	11,804	14,429,098	3,038,005	2,939,090	3,206,294	1,544,590	1,820,992	1,851,258	2,850,000	2,850,000
*Socks, cotton	26,894	26,894	7,399	5,295,036	1,221,858	248,312	197,111	79,491	657,041	2,270,000	3,084,455	3,084,455
Suit, one-piece, HBT	a/	6,463	6,463	3,508	2,134,351	363,687	450,869	568,816	245,284	1,703,591	500,000	1,100,000
*Trousers, cotton, khaki	31,913	21,626	12,868	5,302,550	782,162	840,909	1,279,351	875,361	1,937,211	2,475,380	2,766,320	2,766,320
Trousers, HBT	11,175	11,175	4,061	4,194,659	767,009	870,185	984,286	467,898	1,184,706	697,249	299,000	299,000
Trousers, wool, o.d.	a/	17,910	14,837	12,773	4,355,584	808,190	874,802	606,339	646,419	725,676	313,720	841,930
*Undershirt, cotton	41,468	41,468	4,148	13,304,967	1,239,312	1,282,188	1,427,948	1,784,294	3,413,897	1,976,316	4,374,563	4,374,563
EQUIPAGE												
Bag, barrack	17,753	17,753	8,963	3,619,086	383,573	786,130	1,045,343	713,713	1,087,495	1,920,287	3,093,834	3,093,834
Bag, canvas, w. ster.	130	130	38	44,138	9,784	2,616	10,384	5,296	12,000	19,542	853,000	853,000
*Bar, mosquito	12,444	6,072	5,830	969,782	130,209	227,070	318,659	170,427	200,000	643,750	1,157,250	1,157,250
Belt, cartridge, dsmtd.	4,366	4,366	1,583	1,120,690	133,520	220,350	314,080	119,380	468,000	324,496	853,000	853,000
Belt, pistol	1,864	1,864	2,413	1,513,588	392,379	353,209	368,957	113,544	636,680	730,120	1,000,000	1,000,000
Blanket, wool, o.d.	17,989	17,989	9,278	4,585,760	729,805	769,459	963,879	615,755	578,842	494,175	1,399,847	1,399,847
Can, meat	8,926	6,095	5,037	3,232,363	977,586	466,688	579,780	181,459	1,000,000	1,100,000	1,030,000	1,030,000
Canteen, M-1910	9,733	4,123	3,852	1,932,575	359,475	234,200	462,800	200,200	580,000	550,000	325,000	325,000
*Carrier, pack	5,301	5,301	2,534	1,213,027	218,600	276,400	467,400	129,200	400,827	774,600	955,000	955,000
Comforter, cotton-filled	9,143	9,143	4,104	2,109,833	359,159	475,442	558,336	289,985	875,495	1,080,900	1,174,280	1,174,280
*Haversack	6,856	6,856	2,452	1,342,173	152,242	218,018	254,509	173,969	400,000	591,316	365,500	365,500
*Headnet, mosquito	5,331	3,908	1,641	766,613	197,035	302,594	184,116	58,375	50,004	331,480	200,000	200,000
Pouches, first aid	9,890	9,890	5,628	3,125,732	334,375	475,175	588,336	550,950	744,000	1,608,500	1,693,138	1,693,138
Roll, bedding, w. proofed	552	552	168	67,750	16,940	15,488	4,172	12,750	26,000	25,000	45,000	45,000
Sling, carrying, sg.	114	114	183	76,416	0	12,900	30,200	16,600	5,000	14,000	0	0
Suspender, belt	2,453	2,453	2,813	1,519,440	373,340	416,500	289,900	261,700	101,000	240,000	180,000	180,000
*Tent, pyramidal	2,052	2,052	503	194,156	34,478	44,827	72,877	39,672	79,513	120,000	200,000	200,000
*Tent, shelter-half	13,921	12,834	5,048	1,344,993	207,660	225,134	190,335	327,231	255,000	345,000	700,000	700,000
GENERAL SUPPLIES												
Can, galvanized, 10-gal.	106	40	172	25,685	0	0	14,742	4,270	6,000	3,500	0	0
Can, galvanized, 32-gal.	216	57	436	20,800	4,531	7,325	2,196	3,558	5,000	7,000	10,000	10,000
*Container, water, 5-gal.	2,978	2,978	1,245	63,641	1,580	5,030	26,666	2,133	35,000	80,000	120,000	120,000
Lantern, gasoline	34	34	169	12,826	2,461	494	51	1,420	933	4,600	14,454	14,454
*Range, field	27	27	28	2,375	189	0	850	0	300	2,490	7,209	7,209
Scabbard, rifle	117	117	355	27,568	1,553	0	9,201	16,814	10,000	18,000	43,895	43,895
Stove, tent	483	483	580	476,058	162,128	70,778	56,084	38,064	100,000	101,200	0	0
MOTOR VEHICLES b/												
Ambulances	13	12	8	1,155	38	431	180	12	1,216	1,900	1,520	1,520
Passenger cars	11	10	5	10,435	4,549	84	5	16	complete	complete	complete	complete
Motorcycles	90	86	43	12,980	2,434	397	3,512	1,195	4,600	4,619	4,619	4,619
Trucks, 1/4-ton	201	196	131	68,375	16,412	17,568	15,405	5,277	20,542	16,700	16,700	16,700
Trucks, 1/2 & 3/4-ton	93	83	56	25,282	6,779	3,632	1,064	5,517	8,970	7,720	7,720	7,720
Trucks, 1-1/2-ton	197	156	177	71,097	18,505	15,509	8,748	4,134	14,889	22,956	16,638	16,638
Trucks, 2-1/2-ton	384	351	217	60,880	11,473	14,153	13,637	4,470	17,707	28,052	22,086	22,086
Trucks, 4 & 5-ton	34	25	9	3,413	562	516	819	205	1,112	1,410	1,690	1,690
Trucks, 6-ton & over	24	23	19	2,966	347	569	830	140	1,295	2,124	2,195	2,195
Semi-trailers	13	10	11	2,382	149	556	990	411	877	914	862	862
Trailers	82	69	50	18,208	2,546	4,369	8,193	2,535	7,979	12,142	10,829	10,829

* Figures include procurement for International Aid and Navy.

** Quantity delivered prior to January 1, 1942 has been excluded.

a/ Revised figures.

b/ Motor Vehicle figures as of June 8, 1942.

Q.M. PROCUREMENT - PROGRESS TOWARD 1942 PRODUCTION - JUNE 15, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

Item	Required production 1942	Delivered Jan 1 to Jun 15	Percent of 1942 required production	
			% 0 20 40 60 80 100	
CLOTHING				
*Belt, web, waist	5,599,123	3,996,600	71	
*Boots, rubber, knee	a/ 291,321	178,638	61	
Coats, wool, serge	a/ 6,777,492	2,586,889	38	
*Drawers, cotton	1,485,927	11,904,328	801	
Gloves, wool	7,476,434	2,995,644	40	
Jacket, field	8,647,220	2,546,254	29	
Jacket, HBT	5,333,120	3,712,168	70	
Leggings, canvas, dismtd.	8,826,114	2,764,709	31	
Liners, helmet, steel	7,380,746	1,018,983	14	
Overcoat, wool, o.d.	3,367,096	2,028,000	60	
*Raincoat, mtd. & dismtd.	4,967,586	1,501,776	30	
*Shirt, cotton, khaki	a/ 5,025,897	8,115,569	161	
Shirt, flannel	a/ 9,991,436	5,016,309	50	
*Shoes, service (incl. 1 qtr.)	11,803,907	14,429,098	121	
*Socks, cotton	7,399,124	5,295,036	72	
Suits, one-piece, HBT	a/ 3,507,897	2,134,351	61	
*Trousers, cotton, khaki	a/ 12,867,610	5,302,550	41	
Trousers, HBT	4,061,066	4,194,659	103	
Trousers, wool, o.d.	a/ 12,772,593	4,355,584	34	
*Undershirts, cotton	4,148,055	13,304,967	321	
EQUIPAGE				
Bag, barrack	8,963,421	3,619,086	40	
Bag, canvas, water ster.	38,330	44,138	115	
*Bar, mosquito	5,829,836	969,782	17	
Belt, cartridge, dismtd.	1,582,637	1,120,690	71	
Belt, pistol	2,412,793	1,513,588	63	
Blanket, wool, o.d.	9,278,455	4,585,760	49	
Can, meat	5,036,841	3,232,363	64	
Canteen, M-1910	3,851,808	1,932,575	50	
*Carrier, pack	2,533,583	1,213,027	48	
Comforter, cotton-filled	4,104,453	2,109,833	51	
*Haversack	2,452,047	1,342,173	55	
*Headnet, mosquito	1,640,676	766,613	47	
Pouches, first aid	5,627,912	3,125,732	56	
Roll, bedding, w/proofed	168,199	67,750	40	
Sling, carrying, mg.	182,711	76,416	42	
Suspender, belt	2,812,668	1,519,440	54	
*Tent, pyramidal	502,501	194,156	39	
*Tent, shelter-half	5,047,796	1,344,993	27	
GENERAL SUPPLIES				
Can, galvanized, 10-gallon	172,224	25,685	15	
Can, galvanized, 32-gallon	436,490	20,800	5	
*Container, water, 5-gallon	1,244,776	63,641	5	
Lantern, gasoline	168,855	12,826	8	
*Range, field	27,757	2,375	9	
Scabbard, rifle	354,851	27,568	8	
Stove, tent	579,813	476,058	82	
MOTOR VEHICLES b/				
Ambulances	8,494	1,155	14	
Passenger Cars	4,908	10,435	213	
Motorcycles	42,861	12,980	30	
Trucks, 1-ton	131,369	68,375	52	
Trucks, 1 1/2 & 3/4-ton	56,036	25,282	45	
Trucks, 1 1/2-ton	176,981	71,097	40	
Trucks, 2 1/2-ton	216,985	60,880	28	
Trucks, 4 & 5-ton	9,309	3,413	37	
Trucks, 6-ton & over	18,503	2,966	16	
Semi-trailers	11,441	2,382	21	
Trailers	49,943	18,208	36	

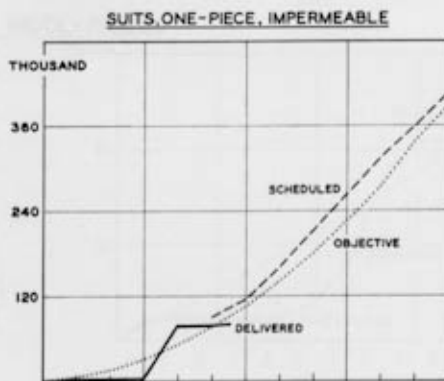
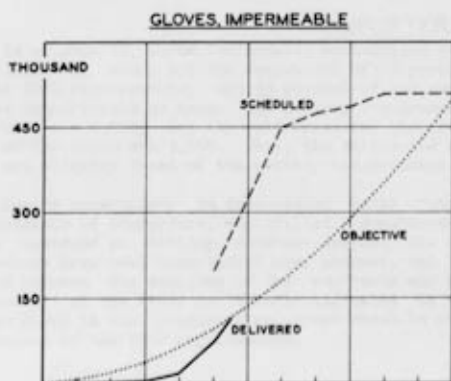
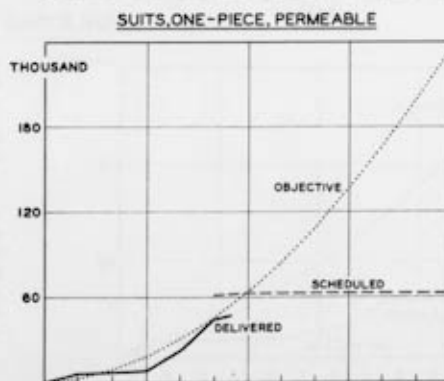
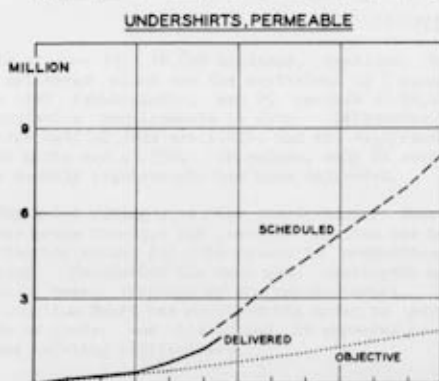
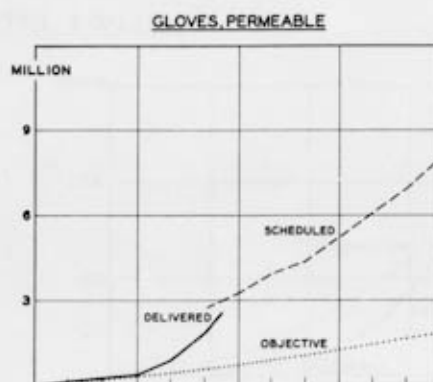
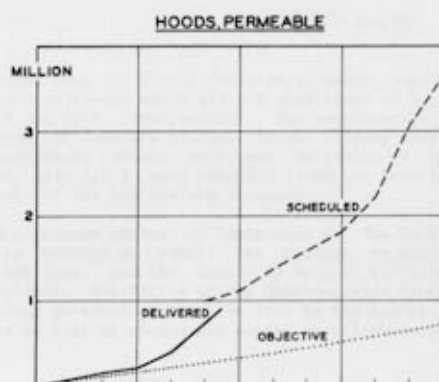
* International Aid and Navy deliveries included.

a/ Revised figures.

b/ As of June 8.

SELECTED ITEMS OF PROTECTIVE CLOTHING - PERMEABLE AND IMPERMEABLE - JUNE 15, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General



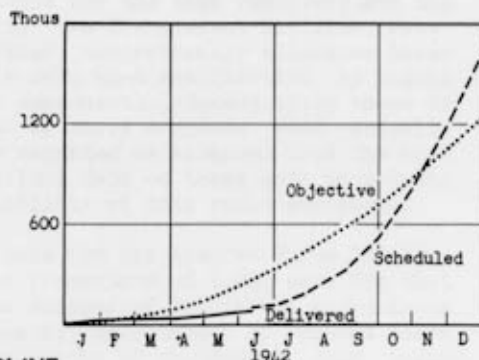
Q. M. PROCUREMENT OF SELECTED BASIC ITEMS - JUNE 15, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

CONTAINERS, WATER, 5 GALLON

As of June 15, 61,641 Containers, water, 5-gallon have been delivered which are the equivalent of 5 percent of the 1942 requirements. The requirements for the month of June are 95,226. At the halfway mark of the month there should have been delivered 47,613; however, only 2,133 have been delivered, or less than 4 percent of the monthly requirements.

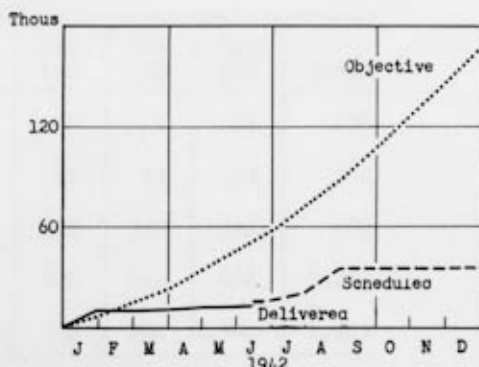
The present status of Containers is due to poor priority ratings on steel, the failure to acquire tools and dies, and the inability to get sufficient seam welders. The Office of the Quartermaster General is sending personal representatives to the source of trouble to help eliminate all causes of delinquencies.



LANTERNS, GASOLINE

As of June 15, 12,826 Lanterns, gasoline, have been delivered which are the equivalent of 7 percent of the 1942 requirements, and 25 percent of 51,125, the cumulative requirements to date. Deliveries for the first half of June are 1,420, and the requirements for the month are 13,250. Therefore, only 21 percent of the monthly requirements has been delivered.

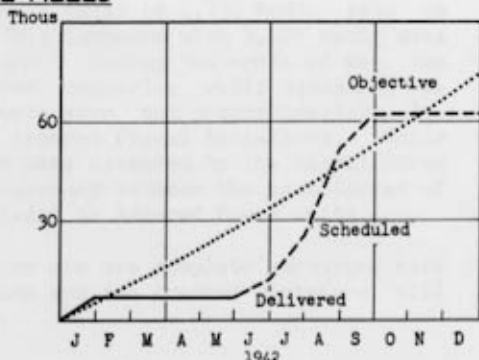
The A-1-1 rating given the Quartermaster General to cover brass forgings for gasoline lanterns has been the principal reason for the delays in production of this item. Production has been made contingent upon receipt of brass forgings by the manufacturers. The War Production Board has modified the order to permit the use of brass, and this action is expected to remove the existing difficulties.



COMFORTERS, WOOL-FILLED

As of June 15, 9,864 Comforters, wool-filled have been delivered which are the equivalent of 13 percent of the 1942 requirements, and 33 percent of the cumulative requirements to date. The monthly requirements for June are 6,000, and the deliveries for the first half of the month are 3,150. Thus, the deliveries for June are slightly ahead of the monthly requirements.

Due to uncertainty in determining total future requirements of Comforters, wool-filled, considerable delay occurred in letting contract awards. The requirements have been established now; however, the lag period between the awarding of the contracts and the delivering of the items is clearly indicated in the amount shown in the preceding paragraph which is only 33 percent of the 1942 requirements.



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JUNE 25, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

VEHICULAR RADIO EQUIPMENT - ARMORED FORCE

Radio Sets SCR-508, SCR-528 and SCR-538 use the same receivers and the SCR-508 and SCR-528 use the same transmitters. The Procurement Division, Materiel Branch, Office of the Chief Signal Officer, theoretically allocates these transmitters and receivers to complete radio sets upon notification by Signal Corps Inspectors of acceptances of the major components. Consequently there is a considerable variation between quantities of these complete sets actually issued to Armored Force Units and quantities reported as accepted from the production line. This procedure renders statistical data on these sets inadequate for the accurate determination of the availability of this radio equipment.

May acceptances of vehicular radio sets for the Armored Force totalled only 1,943 sets as compared with an estimated production of 4,081 sets for that month. Of even greater significance was the decline of 341 in the acceptances reported in May from those of the previous month. Acceptances of Armored Force vehicular radio equipment for the first five months of the current year indicate the progress being made:

	SCR 293	SCR 294	SCR 508	SCR 528	SCR 538	TOTAL
January	54	53	6	40	23	176
February	106	171	13	53	23	366
March	151	0	0	339	312	802
April	61	72	578	931	642	2,284
May	68	187	0	384	1,304	1,943

On May 31 the Armored Force reported a total of 4,720 radio sets on hand to meet requirements of 5,697 units. This compares with 3,922 radio sets on hand April 30 to meet requirements of 5,666. During the month of May the number of combat vehicles in the Armored Force requiring radio equipment was increased by 284, but total radio requirements were not proportionately increased due to a reduction in allowances for Armored Signal Battalions. While 8,559 vehicular radio sets of all types have been accepted by the Signal Corps for the Armored Force, the serious time lag continues between the acceptances of radio equipment by the Signal Corps and delivery to Armored Force units.

The 1st, 2nd and 3rd Armored Divisions are now completely equipped with vehicular radio and it is expected that the 4th and 5th Armored Divisions will receive their initial requirements by July 1.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 15, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division.

Item	Author- ized*	Under con- tract*	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 15	Mar	Apr	May	Jun 1-15	Jun	Jul	Aug
AIRCRAFT RADIO COMM. EQUIP.											
Frequency Meter SCR-211	80,412	80,412	51,452	7,751	1,094	2,684	2,056	988	2,500	3,000	3,500
Interphone Equipment											
RC-27	36,073	36,073	26,634	6,444	100	1,256	2,269	1,669	2,000	2,000	2,000
RC-34	3,840	3,840	3,840	0	0	0	0	0	300	300	300
RC-36	69,981	69,981	43,456	6,074	0	1,608	2,318	1,267	2,000	2,100	3,100
RC-45	5,185	5,185	2,897	498	0	215	57	248	153	190	350
RC-73	21,136	21,136	15,179	0	0	0	0	0	0	500	2,500
Command Radio											
SCR-183	41,987	41,987	29,883	5,568	482	2,153	1,059	1,051	1,540	2,500	2,500
SCR-274	160,289	112,736	96,131	9,388	1,050	1,738	2,742	1,000	2,700	3,200	3,700
SCR-283	8,522	8,522	4,870	2,199	481	415	618	55	800	800	800
SCR-522	66,459	37,094	53,915	1,086	0	501	510	75	2,689	3,400	4,000
Liaison Radio											
SCR-187	4,123	4,123	2,458	502	1	121	157	16	400	400	300
SCR-287	65,592	62,832	38,895	3,549	744	1,054	983	476	800	800	800
Sea Rescue Radio											
SCR-578	81,794	40,910	52,925	579	0	0	369	209	1,000	3,231	6,000
Test Set L-77	4,437	4,437	5,025	3,568	475	1,103	0	1,675	1,250	1,294	0
AIRCRAFT RADIO NAV. EQUIP.											
Contacting Equipment RC-96	59,698	59,698	46,384	14,889	1,712	5,465	4,862	349	4,000	4,000	4,000
Filter Equipment RC-32	270,703	138,686	183,220	29,502	4,100	11,877	2,000	3,785	5,000	10,000	12,000
Localizer Receiver RC-103	55,580	30,000	47,820	0	0	0	0	0	0	0	2,500
Marker Beacon Equipment											
RC-39	4,579	4,479	2,775	2,468	227	331	899	857	700	700	700
RC-43	67,338	65,790	39,124	23,925	2,272	7,026	7,190	5,173	7,000	7,000	7,000
Radio Compass SCR-269	74,254	75,916	42,895	6,005	1,408	455	632	1,495	3,153	3,500	4,000
Absolute Altimeter											
SCR-518, SCR-618	40,342	22,995	17,600	17	0	0	0	17	10	65	250
WIRE COMMUNICATION EQUIP.											
Reel Cart RL-16	8,400	8,400	442	35	0	0	35	0	200	500	1,000
Reel Equipment CE-11	55,669	55,669	26,777	19,441	0	12,451	4,149	2,841	5,000	5,000	5,000
Reel Unit RL-31	9,156	9,156	11,685	870	187	0	0	0	2,000	2,000	2,000
Switchboard											
BD-71	3,514	3,514	2,327	951	0	0	371	298	200	200	200
BD-72	4,730	4,730	6,470	1,756	126	250	113	167	100	200	200
BD-74-H	166	166	112	49	8	31	0	0	56	16	16
BD-91	865	0	865	Recently placed under procurement.							
Telegraph Central Office											
Set TC-3	458	458	374	0	0	0	0	0	10	25	50
Telegraph Printer EE-97	1,894	1,894	2,564	270	0	0	248	22	200	200	500
Telegraph Set TC-5	12,441	12,441	9,013	3,309	1,134	826	1,122	136	500	500	1,000
Telephone EE-8-A	280,557	199,557	135,876	56,154	200	1,810	5,796	2,300	10,000	25,000	25,000
Telephone Central Office											
Set TC-1	111	111	103	61	0	10	0	0	10	10	10
Set TC-2	198	198	150	50	13	0	0	0	10	20	20
Set TC-4	645	645	1,378	0	0	0	0	0	0	10	20
Test Set EE-65	6,064	6,064	3,371	902	0	0	0	0	100	200	500
Wire W-110 (Thou miles)	926	900	367	302	17	66	115	26	63	88	88
Wire W-130 (miles)	113,899	100,399	60,218	23,242	1,818	7,151	11,040	2,146	10,000	10,000	20,000

* Quantity delivered prior to January 1, 1942, has been excluded.
Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 15, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division.

Item	Author- ized*	Under con- tract*	Req'd prod. 1942	Accepted				Jun 1-15	Estimated		
				Jan 1- Jun 15	Mar	Apr	May		Jun	Jul	Aug
GROUND RADIO COMMUNICATION- RADIO SETS											
Ground-Air Liaison and Army, Corps & Division Communication											
SCR-177	1,565	1,565	1,434	512	98	2	60	0	68	170	200
SCR-178(a)	1,812	1,812	2,447	420	74	344	0	0	100	200	300
SCR-188	2,652	2,652	2,407	67	0	0	40	0	150	300	400
SCR-197	160	160		51	0	0	0	0	50	50	0
SCR-299	2,317	1,817	2,346	250	0	104	146	0	200	200	250
Intra-Regiment Communication											
SCR-284	19,681	19,681	17,912	190	0	0	0	190	25	250	500
SCR-288	1,539	1,539		807	54	189	475	0	732	0	0
SCR-543	1,581	1,581		2	0	0	0	2	100	250	250
Radio Intelligence, S. C.											
SCR-206	313	313	338	131	28	26	5	0	0	50	50
SCR-243	104	104	98	46	0	22	24	0	25	25	8
SCR-244	372	372	360	0	0	0	0	0	60	100	100
SCR-255	148	148	152	79	10	24	16	23	30	40	22
Short Range Portable											
SCR-194	6,897	6,890	2,657	4,710	118	820	450	0	393	200	800
SCR-195	2,514	1,514	1,999	1,324	72	124	0	0	80	110	110
SCR-509	1,582	1,582	596	1,582	125	1,315	142	0	0	0	0
SCR-536	13,433	13,433	14,310	7,472	173	507	3,301	1,027	2,000	2,000	2,000
SCR-609	897	897	856	639	0	0	107	532	300	350	160
Animal Pack, Cavalry Field Artillery											
SCR-179	126	126	120	0	0	0	0	0	0	6	50
SCR-203	96	96	0	75	0	0	0	0	21	0	0
Short Range Vehicular Field Artillery											
SCR-608	10,053	10,053	6,197	0	0	0	0	0	200	500	1,160
SCR-610	24,288	24,288	19,248	1,817	0	0	462	1,087	1,000	5,000	5,000
SCR-628	2,374	2,374	2,067	0	0	0	0	0	166	366	580
Cavalry, Lightweight											
SCR-511	4,416	4,416	3,869	0	0	0	0	0	50	500	1,000
Vehicular and Tank- Armored Force											
SCR-195 AM Type	6,562	6,562	600	76	0	0	0	0	300	300	300
SCR-245 AM Type	6,592	6,592	2,013	1,245	270	127	294	0	500	600	800
SCR-293 FM Type	872	872		440	151	61	68	0	75	75	100
SCR-508 FM Type III	16,433	16,433	3,799	597	0	578	0	0	500	1,333	1,600
SCR-294 FM Type	786	786		632	0	72	187	149	150	153	0
SCR-538 FM Type III	67,773	67,773	19,684	2,304	312	642	1,304	0	1,000	2,267	5,900
SCR-506 AM Type II	13,500	13,500	4,733	Production starts in September 1942							
SCR-510 FM Type IV(a)	6,254	6,254	7,172	3,487	917	1,000	1,370	0	1,000	1,000	767
SCR-528 FM Type III	30,504	30,504	12,629	1,747	339	931	384	0	1,235	2,667	2,000
GROUND-AIR NAVIGATIONAL AID											
Control Net System SCS-2(a)	20	20	20	2	0	0	1	1	10	8	1
Control Net System SCS-3	120	120	53	0	0	0	0	0	0	1	7
Homing Device SCR-277	145	145	28	Production starts in October 1942.							

* Quantity delivered prior to January 1, 1942 has been excluded.
 Figures include procurement for International Aid and other Services.
 (a) Acceptances to date include quantities delivered less minor components.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 15, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	Author- ized*	Under con- tract*	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 15	Mar	Apr	May	Jun 1-15	Jun	Jul	Aug
<u>GROUND RADIO DETECTION</u>											
<u>EQUIPMENT</u>											
Aircraft Warning											
SCR-268	4,736	4,736	1,797	185	50	46	7	12	90	150	150
SCR-270	435	435	278	48	14	16	10	4	17	31	47
SCR-271	124	58	70	28	5	5	18	0	10	5	5
SCR-527	581	400	16	Production starts in November 1942.							
SCR-588	204	204	204	10	4	1	3	2	3	9	16
Antiaircraft											
SCR-545	273	273	606	New development; Production starts in 1943.							
SCR-584	2,750	2,750		Production starts in January 1943.							
Gun Laying, Fixed Station											
SCR-296	176	175	218	1	0	1	0	0	0	0	18
Identification											
SCR-532	10	10	1,147	10	10	0	0	0	0	0	0
SCR-533	2,025	881	40	18	9	0	7	0	45	60	80
Range Finder											
SCR-547	812	812	812	0	0	0	0	0	0	5	50
<u>AIR-BORNE RADIO DETECTION</u>											
<u>AND RECOGNITION EQUIPMENT</u>											
SCR-515 US-IFF	17,701	17,691	19,536	352	71	7	257	0	1,000	2,000	3,000
SCR-517 ASV-10	2,655	2,655	500	15	0	0	8	7	70	100	22
SCR-520 AI-10	2,271	2,265	950	4	0	0	4	0	0	30	95
SCR-521 US-ASV, MK II	7,255	7,249	7,114	703	4	293	211	180	550	650	650
SCR-540 BR.-AI, MK IV	586	586	400	71	0	5	59	7	60	80	100
SCR-555 BR.-IFF, MK II	16,710	16,710	15,000	2,028	184	768	935	15	4,000	4,000	4,000
SCR-595 US-IFF, MK III	18,500	18,500	18,500	0	0	0	0	0	50	1,500	2,500
SCR-695 US-IFF, MK III-G	18,000	18,000	18,000	0	0	0	0	0	0	1,000	2,500
<u>ACCESSORY EQUIPMENT-GROUND</u>											
Charging Set SCR-169	3,466	3,466	2,525	0	0	0	0	0	10	100	500
Chest BC-5	52,959	52,959	12,153	1,394	0	181	229	0	300	500	1,000
Loudspeaker LS-3	26,506	26,506	16,688	2,121	0	40	0	2,081	0	3,000	5,000
Maintenance Equip. ME-13	1,014	1,014	1,014	0	0	0	0	0	100	400	514
Power Unit PE-75	2,504	2,504	1,275	40	0	0	40	0	100	400	800
(Radio) Receiver BC-342	1,213	1,213	25	745	15	299	169	0	270	200	0
Test Set L-56	4,992	4,992	8,768	598	126	23	0	0	0	0	200
<u>MISCELLANEOUS SIGNAL EQUIP.</u>											
Converter M-209	51,929	51,929	48,513	0	0	0	0	0	100	500	1,000
Converter M-222	865	0	986	Recently placed under procurement.							
Flash Ranging Set GR-4	24	24	31	12	0	0	12	0	5	5	2
Photographic Set PH-261	101	101	51	0	0	0	0	0	0	50	0
Signal Lamp Equip. EE-84	1,735	1,735	1,361	559	118	0	129	0	100	200	200
Sound Ranging Set GR-3	86	86	78	25	6	5	9	5	5	5	5
Theodolite ML-47	442	383	46	11	0	11	0	0	25	25	25
Time Interval Apparatus EE-85	155	155	127	0	0	0	0	0	25	25	50
Time Interval Apparatus EE-86	114	12	112	0	0	0	0	0	6	10	10
Meteorological Obsn. Set											
SCM-14	0	0	150	Recently placed under procurement.							
SCM-15	0	0	150	Recently placed under procurement.							
SCM-16	0	0	150	Recently placed under procurement.							

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.

SIGNAL CORPS - SELECTED ITEMS - ARMORED DIVISION - JUNE 15, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
Procurement Division

Item	1942 Req'd production	Deliveries Jan 1 - Jun 15						
		Number	Percent of req'd prod.					
			%	0	20	40	60	80
Reel Unit RL-26-A	274	1,169	427					
Radio Set SCR-509	596	1,582	265					
Radio Set SCR-194	2,657	4,710	177					
Radio Set SCR-245	2,013	1,245	62					
Radio Set SCR-510	7,172	3,487	49					
Signal Lamp EE-84	1,361	559	41					
Telegraph Set TG-5	9,013	3,309	37					
Radio Set SCR-508, SCR-293	3,799	1,037	27					
Radio Set SCR-178	2,447	420	17					
Radio Set SCR-538, SCR-294	19,664	2,936	15					
Radio Set SCR-528	12,629	1,747	14					
Radio Set SCR-193	600	76	13					
Radio Set SCR-299, SCR-197	2,346	301	13					
Telegraph Printer EE-97	2,564	270	11					
Reel Unit RL-31	11,685	870	7					
Test Set I-56	8,768	598	7					
Radio Set SCR-284, SCR-288	17,912	997	6					
Radio Set SCR-177	51,452	512	1					
Radio Set SCR-506	4,733	0	0					
Telephone Central Office Set TC-4	1,378	0	0					

TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 17, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

GENERAL

Some items of Engineer equipment are issued either as individual units or as components of a set or group of items. A good example of this is Float, pneumatic, which may be issued either as an individual piece of equipment, or as part of Bridge, pneumatic, complete, which is a complete bridge set and includes 48 of these floats. When an item of Engineer equipment is procured as part of a set, the procurement status data are included in the "Others" classification which is listed separately for the first time in this summary. This classification also includes those quantities being procured by the United States as agent for other Allied Nations. When procured for issue as an individual item, the procurement status is shown in the other requirement groups which in the case of Floats, pneumatic, are Troop Equipment and International Aid.

Of the 41 selected items listed in the tabular summary on the two following pages, 16 showed deliveries during the period June 11 to 17. These are divided into the four procurement groups as shown below.

Procured for	Number of Items		Deliveries June 11-17
	Having Authorizations	Scheduled for June Deliveries	
Troop Equipment	41	29	13
Theater of Operations	19	8	6
International Aid	25	3	1
Others	13	1	0

Grader, road, motorized; Stereoscope, mirror, with binocular; and Triangulation tower, portable, show completed June Troop Equipment schedules. However, Grader, road, motorized, shows no deliveries on the 20 scheduled in June for International Aid.

CONTRACT STATUS

SEARCHLIGHT, AA 60" MOBILE - Production facilities are not sufficient to meet the 1942 objective. Deliveries for June 1-17 were 37 while 160 are scheduled for June. The delay in production is due to difficulty in obtaining hardware, and the schedule of 160 should be met this month.

COMPRESSOR, AIR MOTORIZED - The total 1942 objective is 678 with 1,542 under contract. Only 76 have been received up to June 17. The status of each procurement group of this item is as follows:

Troop Equipment	No deliveries	1942 objective is 529
Theater of Operation	26 delivered	200 under contract
International Aid	49 delivered	1942 objective is 149
Others	1 delivered	On schedule

Production has been seriously delayed because of difficulty in obtaining steel. Efforts are now being made to expedite procurement of 200 tons of steel, and an A-1-A priority rating for this steel was requested June 20, 1942.

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
JUNE 17, 1942

Item		Author- ized	Under con- tract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1- Jun 17	Mar	Apr	May	Jun 1-17	Jun	Jul	Aug
Angledoser, tractor, med.	Troop Equipment	(b)	(b)	553	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
	Theater of Oper.	(b)	(b)	(a)	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
	Int. Aid	(b)	(b)	318	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
Auger, earth, motorized	Troop Equipment	33	33	0	28	8	7	8	0	5	4	0
	Int. Aid	12	12	0	6	0	0	0	0	0	0	0
Balloon, Barrage	Troop Equipment	5,143	5,143	(b)	236	(b)	(b)	236	0	(b)	(b)	(b)
Boat, half, w/7 paddles	Troop Equipment	4,205	4,205	3,383	0	0	0	0	0	150	300	300
	Int. Aid	1,800	1,800	2,000	0	0	0	0	0	0	0	0
	Others	6,922	6,922	(a)	0	0	0	0	0	0	0	850
Boat, power, with trailer	Troop Equipment	279	279	143	59	23	35	0	0	10	5	25
	Theater of Oper.	70	70	(a)	20	0	4	14	2	20	20	0
	Int. Aid	100	100	100	0	0	0	0	0	0	25	25
Boat, reconnaissance	Troop Equipment	230	230	2,190	0	0	0	0	0	100	30	0
	Int. Aid	180	180	0	0	0	0	0	0	0	0	0
	Others	270	270	(a)	0	0	0	0	0	0	0	0
Bridge, steel, port., H-10	Troop Equipment	38	38	27	20	0	0	0	0	6	(a)	(a)
	Theater of Oper.	32	32	(a)	0	0	0	0	0	0	0	0
	Int. Aid	3	3	15	3	0	0	0	0	0	0	0
Bridge, steel, port., H-20	Troop Equipment	57	57	0	49	17	9	10	0	10	5	0
	Theater of Oper.	16	16	(a)	0	0	0	0	0	(a)	(a)	(a)
Bridge, steel, trestleway	Troop Equipment	19	19	17	3	2	0	0	0	10	4	0
	Int. Aid	5	5	5	0	0	0	0	0	(b)	(b)	(b)
Camera, copying, motorized	Troop Equipment	8	8	10	8d	0	8d	0	0	0	0	0
	Theater of Oper.	11	11	(a)	0	0	0	0	0	4	0	4
Compass, lensatic, (thou)	Troop Equipment	128	113	53	68	17	5	21	10	15	15	15
	Others	13	13	(a)	0	0	0	0	0	0	0	0
Compressor, air, motorized	Troop Equipment	1,192	1,192	529	0	0	0	0	0	60	150	160
	Theater of Oper.	200	200	(a)	26	0	0	0	26	80	0	0
	Int. Aid	389	149	149	49	0	49	0	0	0	0	0
	Others	1	1	(a)	1	0	0	1	0	0	0	0
Crane, truck, mounted	Troop Equipment	126	69	75	49	5	6	16	0	0	0	0
	Theater of Oper.	145	125	(a)	13	0	0	8	5	25	25	25
	Int. Aid	106	106	9	6	0	0	0	0	0	0	0
Dup. equip., gelatin 16"x16"	Troop Equipment	986	986	625	491	0	0	491	0	0	0	0
Electric lgt. equip., 3KVA	Troop Equipment	1,763	900	1,014	372	0	126	196	50	120	120	120
	Theater of Oper.	80	50	(a)	50	50	0	0	0	0	0	0
	Others	5	5	(a)	5	0	0	5	0	0	0	0
Electric lgt. equip., 5KW	Troop Equipment	917	417	251	109	0	0	0	0	32	61	122
	Theater of Oper.	1,394	1,394	(a)	395	150	65	180	31	220	229	200
	Int. Aid	232	213	100	163	0	0	27	0	0	0	0
	Others	69	69	(a)	69	0	0	0	0	0	0	0
Explosive, amm. nitr. (tons)	Troop Equipment	1,905	700	1,680	50e	3	45	2	(b)	70	80	80
Explosive, TNT (tons)	Troop Equipment	7,500	2,250	4,299	1,088e	247	235	240	(b)	135	135	135
Float, pneumatic	Troop Equipment	1,200	1,200	1,739	0	0	0	0	0	441	235	0
	Int. Aid	3,000	3,000	800	1,391	0	50	230	1,111	2,132	700	56
	Others	2,160	2,160	(a)	180	0	0	180	0	15	50	114

(a) Program developed as needed

(b) Being developed

(c) Contingent upon receipt of material

(d) Cameras awaiting installation in trucks

(e) January 1 through May 31

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
JUNE 17, 1942

Item		Author- ized	Under con- tract	Req'd Prod. 1942	Accepted					Estimated		
					Jan 1- Jun 17	Mar	Apr	May	Jun 1-17	Jun	Jul	Aug
Grader, road, motorized	Troop Equipment	196	196	103	104	0	12	49	42	20	20	30
	Int. Aid	20	20	0	0	0	0	0	0	20	0	0
Instruments, drawing, field	Troop Equipment	22,288	12,288	10,295	4,410	500	400	1,828	940	2,163	1,950	1,987
	Int. Aid	153	153	0	153	0	0	153	0	0	0	0
Mixer, concrete	Troop Equipment	168	168	172	0	0	0	0	0	60	60	28
	Theater of Oper.	55	55	(a)	20	0	0	0	5	0	0	0
	Int. Aid	62	62	0	27	0	0	27	0	0	0	0
Ponton, bridge, 10-ton	Troop Equipment	32	32	37	0	0	0	0	0	(b)	(b)	(b)
	Theater of Oper.	5	5	(a)	0	0	0	0	0	(b)	(b)	(b)
	Int. Aid	22	22	12	10	2	1	1	0	(b)	(b)	(b)
Ponton, bridge, 25-ton	Troop Equipment	50	50	57	18	2	1	6	0	(b)	(b)	(b)
Searchlight, 24", beach def	Troop Equipment	126	126	174	110	28	18	43	17	0	0	0
	Theater of Oper.	138	138	(a)	0	0	0	0	0	0	0	0
Searchlight, AA, 60" mobile	Troop Equipment	8,662e	7,791	1,424e	621	84	88	98	37	160	75	125
	Int. Aid	4,790	4,790	2,165	0	0	0	0	0	0	0	0
	Others	2	2	79	0	0	0	0	0	0	0	0
Semi-trailer, 1800-gal water	Troop Equipment	205	205	435	0	0	0	0	0	(b)	(b)	(b)
	Theater of Oper.	50	50	(a)	1	0	0	0	1	(b)	(b)	(b)
Shovel, gasoline, 1/2-yd.	Troop Equipment	227	227	202	70	16	13	10	5	12	12	12
	Theater of Oper.	70	70	(a)	18	2	3	6	7	20	20	20
	Int. Aid	328	328	0	1	0	0	1	0	10	10	15
Special equip., Aviation	Troop Equipment	26	26	20	9	2	3	4	0	(d)	(d)	(d)
	Theater of Oper.	113	113	(a)	4	0	0	4	0	(d)	(d)	(d)
Stereocomparagraph, equip.	Troop Equipment	138	138	51	130	0	0	130	0	0	0	0
Stereoscope, mirror, w/bin.	Troop Equipment	4,261	4,261	2,474	1,006	270	0	112	311	75	71	200
	Int. Aid	437	437	0	0	0	0	0	0	0	150	134
Trailer, (light tractor)	Troop Equipment	200	200	165	112	0	0	0	0	40	48	0
Trailer, (medium tractor)	Troop Equipment	777	777	724	0	0	0	0	0	200	200	200
	Theater of Oper.	65	65	(a)	0	0	0	0	0	0	0	0
	Int. Aid	28	28	0	24	0	0	0	0	0	0	0
	Others	750	750	(a)	0	0	0	0	0	0	0	0
Trailer, 60" searchlight	Troop Equipment	2,548	2,648	925	2,223	156	100	685	140	350	0	0
	Int. Aid	4,790e	2,165e	2,165	0	0	0	0	0	0	0	0
	Others	0	0	79	0	0	0	0	0	0	0	0
Trailer, (triangul. tower)	Troop Equipment	71	71	47	0	0	0	0	0	8	39	4
Transit, Engineers, 1-min.	Troop Equipment	1,824	971	806	290	92	63	44	25	100	100	100
	Int. Aid	80	30	0	30	0	0	0	0	0	0	0
	Others	400	400	(a)	0	0	0	0	0	0	0	0
Transit, Engineers, 20-sec.	Troop Equipment	2,149	539	421	539	50	100	72	87	0	0	0
	Int. Aid	213	213	0	60	0	0	60	0	0	12	12
Triangulation tower, port.	Troop Equipment	36	36	24	36	0	10	0	16	16	0	0
Water puri. unit, mobile	Troop Equipment	66	66	42	32	0	10	12	2	12	12	0
	Theater of Oper.	120	120	(a)	28	2	18	0	5	20	20	20
	Int. Aid	20	20	20	0	0	0	0	0	0	0	0
Water supply equip., Engineer	Troop Equipment	530	530	138	18	0	0	0	0	0	0	8
	Theater of Oper.	1,130	1,130	(a)	385	50	66	133	86	150	150	150
	Int. Aid	100	100	100	0	0	0	0	0	0	0	0
Welding & cutting set	Troop Equipment	350	350	203	343	0	18	305	20	100	0	0
	Theater of Oper.	50	50	(a)	50	0	50	0	0	0	0	0
	Int. Aid	54	4	0	4	4	0	0	0	0	0	0
	Others	135	135	(a)	102	0	102	0	0	0	0	0

(a) Program developed as needed
 (b) Contingent upon receipt of material
 (c) Includes 293 for Seacoast Defense

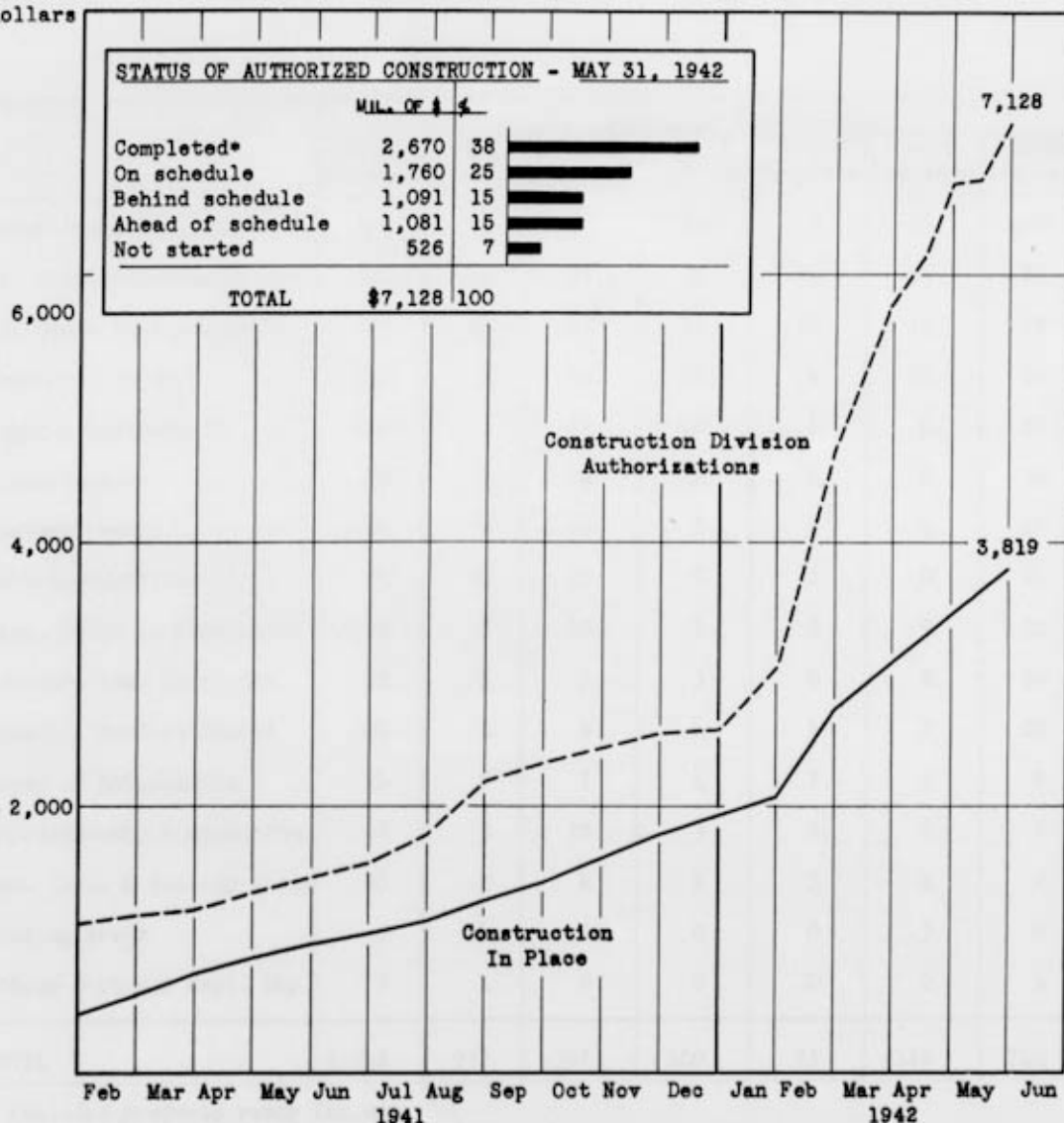
(d) Schedule being developed
 (e) Includes 2,625, 1943 requirement

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - MAY 31, 1942

Source of Information: Construction Division, Office of the Chief of Engineers

CUMULATIVE MILITARY CONSTRUCTION DATA

Million
dollars



Note: Figures subsequent to February 1, 1942 include Air Corps construction

* Includes projects ready for use

TABULAR SUMMARY - CONSTRUCTION PROGRESS - MAY 31, 1942

Source of Information: Construction Division, Office of the Chief of Engineers

CONSTRUCTION PROJECTS

	Total projects	Status of construction					
		Not started	1-25% Complete	26-50% Complete	51-75% Complete	76-99% Complete	100%* Complete
Other Troop Facilities	459	37	50	14	17	21	320
Air Corps Schools, Dep. etc	337	59	119	21	18	35	85
Air Corps Tactical Units	239	64	52	11	18	15	79
Ordnance Plants	140	8	48	11	9	14	50
Camps & Cantonments	105	3	15	10	4	6	67
Miscellaneous	72	9	14	1	4	8	36
Storage Depots	64	9	14	8	2	4	27
General Hospitals	51	8	13	5	1	0	24
Misc. Ordnance Facilities	48	5	10	1	2	9	21
Ordnance Amm. Stor. Dep.	28	5	9	3	0	1	10
Chemical Warfare Plants	24	1	6	4	1	2	10
Ports of Embarkation	24	5	1	4	2	3	9
Reconsignment & Hold. Pts.	22	3	10	3	2	2	2
Amm. Load. & Back-up Areas	13	1	4	4	3	1	0
Staging Areas	9	4	2	0	0	3	0
O'Seas D'chge & Repl. Dep.	7	1	0	0	0	2	4
TOTAL	1,642	222	367	100	83	126	744

* Includes projects ready for use

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JUNE 25, 1942

Source of Information: Finance & Supply Div. - Office of Surgeon General

SYRINGE, LUER: The status of the various sizes of Luer Hypodermic Syringes is on the whole satisfactory, since the one and two cubic centimeter sizes are ahead of schedule, although the ten and thirty cubic centimeter sizes are behind schedule as of June 8, 1942.

Item	1941-1942 F.Y. Program	Con- tracted	Due	Deliv- ered	Schedule	
					Quantity Ahead	Quantity Behind
Syringe, Luer, 1cc	139,080	132,580	71,516	73,723	2,207	—
Syringe, Luer, 2cc	556,927	539,203	332,504	403,504	81,000	—
Syringe, Luer, 10cc	407,351	396,873	303,078	285,819	—	17,259
Syringe, Luer, 30cc	108,653	103,785	81,000	75,000	—	6,000

To pass specifications these syringes, which are of the all-glass type, must be of resistant or hard-glass quality, so as to withstand the shock test by not breaking when plunged into cold water immediately after sterilization by steam under pressure. Syringes must be properly annealed to remove strain, and carefully ground so as not to leak under pressure at the hub or between the barrel and the plunger. Barrels must be properly etched, and if pigmented the pigmentation must be fast. All of these stipulations require extreme care in the manufacture of a suitable syringe.

SPLINT, ARMY, LEG, HALF-RING: The Army leg splint continues to lag behind its production schedule. Harvey R. Pierce and Company, Philadelphia, Pa., has two contracts on which there is a combined lag of 11,893 splints. One contract should have been completed March 4 and the other March 31, 1942. The Pierce Company has a new contract for 10,000 of this item calling for complete delivery in July. The Globe Sales Mfg. Company has completed a contract for 5,500, and has an additional contract for 12,880, with 9,152 deliveries due in July, and the balance in August, 1942. Scarcity of basic steel has been the principal cause of delay. One contractor complained of inability to get packing cases for shipment of this product.

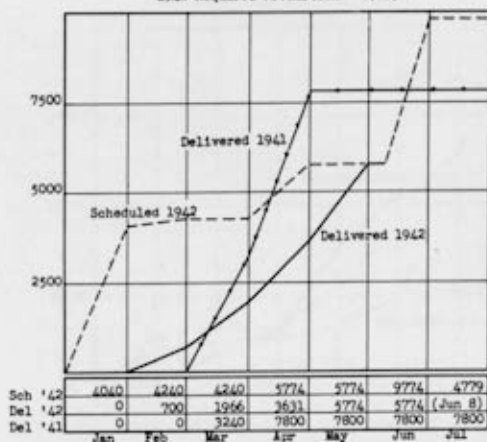
CONSERVATION OF QUININE STOCKS: It was reported last week that the War Production Board has issued additional orders limiting the use and sale of quinine and other products derived from cinchona bark. All persons having stocks of more than ten ounces of these alkaloids must file a report with War Production Board on or before July 10, 1942. The use of cinchonidine, quinidine, and quinine has been limited to anti-malarial treatment, with the exception that quinidine may be used in the treatment of certain cardiac conditions. The principal source of supply of cinchona bark is the island of Java.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ended June 18, the percentage of sick within the continental limits of the United States was 2.98. There were 2.77 percent in hospital and .21 percent in quarters.

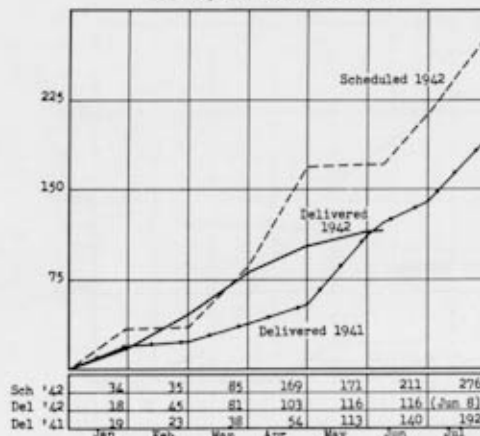
MEDICAL DEPARTMENT - DELIVERIES, 1941 AND 1942 - SELECTED CRITICAL ITEMS - JUNE 8, 1942

Source of Information: Medical Department Procurement Progress Reports

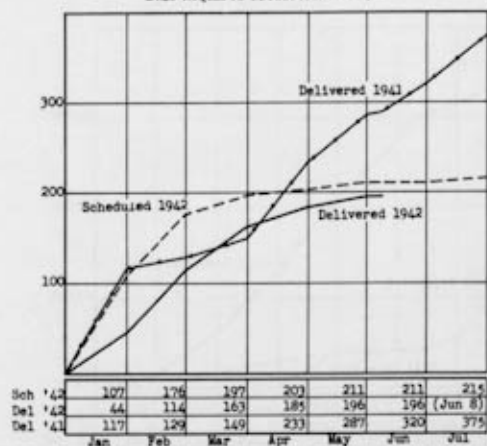
SCISSORS, DISSECTING, CURVED, 5 1/2"
1942 Required Production: 8,609*



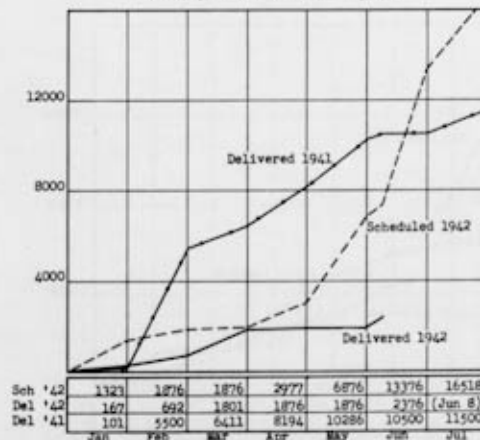
MACHINE RADIOGRAPHIC, 200MA
1942 Required Production: 604**



STERILIZER, HOSPITAL
1942 Required Production: 674*



CHEST, FIELD, PLAIN
1942 Required Production: 10,360**



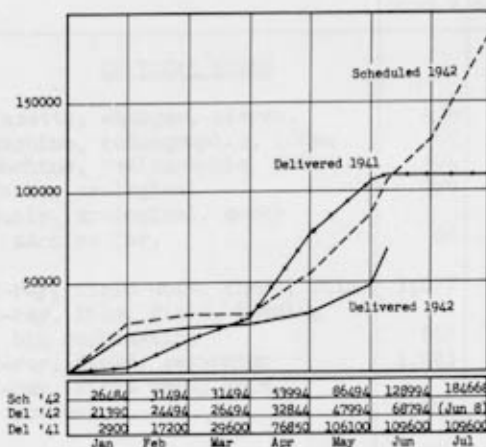
*International Aid and Navy figures not included.

**No International Aid or Navy requirement.

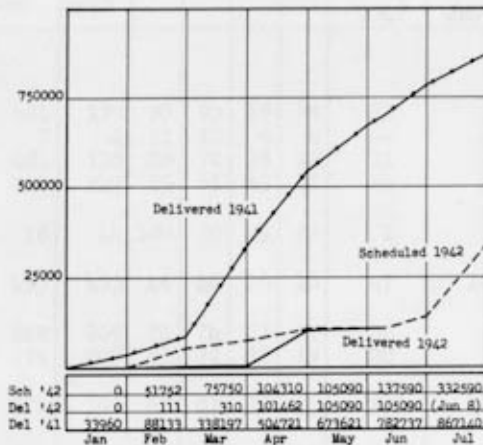
MEDICAL DEPARTMENT - DELIVERIES, 1941 AND 1942 - SELECTED ESSENTIAL ITEMS - JUNE 8, 1942

Source of Information: Medical Department Procurement Progress Reports

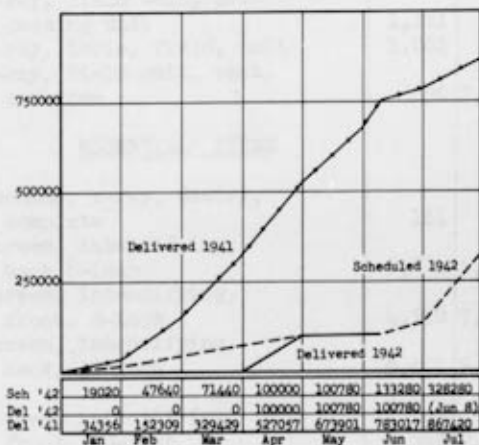
BANDAGE, GAUZE, ROLLER, 4"
1942 Required Production: 858,190**



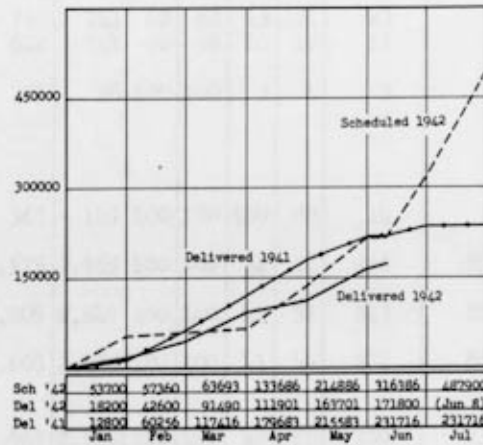
PAJAMA COAT, SUMMER***
1942 Required Production: 1,556,988*



PAJAMA TROUSERS, SUMMER***
1942 Required Production: 1,721,196*



ROBE, BATH***
1942 Required Production: 699,744*



*International Aid and Navy figures not included

***Procured by Quartermaster.

**No International Aid or Navy requirement.

MEDICAL DEPARTMENT - TABULAR SUMMARY - STATUS OF X-RAY EQUIPMENT - JUNE 8, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	1942 req. prod.*	Fi- nan- ced	Con- trac- ted	De- liv- ered	% Requirement				Semimonthly deliveries	
					Fin	Con	Due	Del	Average 1942	May 23- Jun 8
<u>CRITICAL ITEMS</u>										
Cassette, changer, stereo.	436	404	404	199	93	93	69	46	19	0
Machine, radiographic, 100ma	65	7	7	4	11	11	6	6	—	0
Machine, radiographic, 200ma	604	481	421	116	80	70	28	19	11	0
Table, urological	290	247	247	247	85	85	85	85	24	20
Table, urological, x-ray machine for,	60	71	18	14	100	30	25	23	1	1
X-ray, field unit, chest, film	1,077	493	493	493	46	46	26	46	47	100
X-ray, film, field, loading bin combination	867	642	642	269	74	74	23	31	26	14
X-ray, field, generator	1,083	903	776	209	83	72	33	19	20	37
X-ray, field unit, grid, portable	1,001	670	670	350	67	67	35	35	33	110
X-ray, field, mobile unit	2,085	1,639	1,042	542	79	50	5	26	52	60
Chest, MD, No. X-1	2,024	1,217	1,217	632	60	60	15	31	60	0
X-ray, field unit, pro- cessing unit	1,151	783	783	243	68	68	13	21	23	8
X-ray, table, field, unit	1,062	951	612	111	90	58	10	10	11	0
X-ray, field unit, tent, darkroom	690	7,487	721	28	100	100	3	4	3	0
<u>ESSENTIAL ITEMS</u>										
Machine, x-ray, dental, complete	161	363	363	142	100	100	100	88	14	33
Screen, intensifying, back 8-inch	5,874	6,575	6,575	2,165	100	100	34	37	206	858
Screen, intensifying, front, 8-inch	4,958	7,005	7,005	2,547	100	100	49	51	243	810
Screen, intensifying, back, 10-inch	6,601	9,608	9,608	2,880	100	100	41	44	274	846
Screen, intensifying, front, 10-inch	5,657	9,663	9,663	2,935	100	100	49	52	280	834
Screen, intensifying, back, 14-inch	8,850	8,668	8,668	3,135	98	98	43	35	299	708
Screen, intensifying, front, 14-inch	7,191	8,569	8,569	3,048	100	100	51	42	290	708

*International Aid and Navy
figures not included

MEDICAL DEPARTMENT - TABULAR SUMMARY - STATUS OF DENTAL EQUIPMENT - JUNE 8, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	1942 req. prod.*	Fi- nan- ced	Con- trac- ted	De- liv- ered	% Requirement				Semimonthly deliveries	
					Fin	Con	Due	Del	Average 1942	May 23- Jun 8
<u>CRITICAL ITEMS</u>										
Curette, FF Molt, no. 2	1,756	3,116	1,756	1,456	100	100	100	83	139	1,350
Curette, FF Molt, no. 4	1,756	3,116	1,756	856	100	100	100	49	82	750
Curette, FF Molt, no. 9L	1,821	3,164	1,804	904	100	99	99	50	86	750
Curette, FF Molt, no. 10R	1,823	3,164	1,805	905	100	99	99	50	86	750
Scissors, surgical, Dean, no. 9	5,393	6,585	5,454	62	100	100	1	1	6	9
<u>ESSENTIAL ITEMS</u>										
Chair, operating	4,974	2,863	796	796	58	16	16	16	76	24
Compressor, unit, with 12 gal. tank	280	506	281	251	100	100	100	90	24	0
Unit, operating, dental	3,451	2,866	1,166	836	83	34	31	24	80	196
Machine, X-ray, dental, complete	161	363	363	142	100	100	100	88	14	33
Chair, dental field	5,356	5,271	4,871	0	98	91	0	0	0	0
Forceps, bone rongeur, no. 5 s	3,798	2,407	1,986	559	63	52	12	15	53	0
Forceps, bone rongeur, no. 4 a	1,592	1,129	1,029	138	71	65	29	9	13	45
Forceps, crown slitting	772	810	710	234	100	92	40	30	22	148
Forceps, hawkbill, Army	1,474	1,605	1,234	294	100	84	46	20	28	900
Forceps, rubber dam punch	3,499	3,981	2,497	916	100	71	18	26	87	379
Forceps, no. 1, (Winter)	2,222	1,713	1,713	651	77	77	30	29	62	226
Forceps, no. 15	2,581	2,508	2,508	1,185	97	97	26	46	113	66
Forceps, no. 18 R	3,548	4,948	4,065	841	100	100	66	24	80	0
Forceps, no. 65	3,103	3,093	2,543	1,113	100	82	17	36	106	106
Forceps, no. 18 L	3,434	4,548	3,665	279	100	100	53	8	27	0
Forceps, no. 103	3,428	4,005	3,454	1,180	100	100	24	34	112	15
Forceps, no. 150-A	6,506	8,173	6,211	1,973	100	95	27	30	188	194
Forceps, no. 151-A	6,685	9,110	6,990	1,802	100	100	32	27	172	176
Forceps, no. 215	1,705	2,622	972	854	100	57	48	50	81	0
Forceps, no. 210	3,114	4,102	3,552	1,298	100	100	54	42	124	17
Forceps, no. 217	1,598	1,134	984	803	71	62	52	50	76	0

*International Aid and Navy
figures not included.

TEXT SUMMARY - C. W. S. - STATUS JUNE 19, 1942

Source of Information: Chemical Warfare Service Progress Reports

GAS MASKS: Assembly of Service Masks continues to be below schedule for the first three weeks of June. The slow rate of delivery is due to the difficulty in securing sufficient charcoal to meet the scheduled needs of the assembly plants.

No deliveries have been reported on Diaphragm Masks so far this month. Molds for the new type of face piece assemblies are in the process of completion and a sufficient flow of these plastic assemblies is expected in the near future.

Extra canisters are not being produced because the entire canister production is being made available for the gas mask assembly lines.

CHEMICAL AGENTS: The production of Mustard Gas still continues at a rate above the estimated plant capacity. Production during the first three weeks in June totalled 2,189 tons.

Information recently received from Edgewood Arsenal states that the pilot plant for the manufacture of Lewisite is still in operation. Although weekly production figures are not available at this time, a total production of 28 tons was reported covering the three week period.

Although there has been no reported production of Phosgene so far this month, it is understood that the Edgewood plant is in operation and manufacturing Phosgene for the Impregnite "I" plants and to fulfill former International Aid contracts.

VARIOUS DELIVERIES: Instructional Incendiary Bombs are designed for the purpose of demonstrating to troops and qualified civilians the functional time element and incendiary action of certain types of incendiaries. When afire, they and the materials ignited by them provide opportunities for instruction in the methods of control. Production of these "practice" bombs is now in progress.

Deliveries of Protective Ointment, Non-corrosive Bleach and Shoe Impregnite are below their weekly schedules.

WEEKLY DELIVERIES - SELECTED ITEMS

Item	Deliveries		Item	Deliveries	
	Jun 6 to Jun 12	Jun 13 to Jun 19		Jun 6 to Jun 12	Jun 13 to Jun 19
Agent, Decont. (ton)	199	231	Cart, C.M. 4.2"	1	0
Agent, Decont. H.T. (ton)	0	31	Container, Steel (1 ton)	490	513
Agent, Non-corr. (gal)	24,484	16,323	Curtain, Gasproof	12,882	12,664
Apparatus, Decont. Power	54	86	Funnel, Metal	0	5,697
Bomb, Incendiary (Mag)	80,931	64,094	Impregnite I (ton)	98	98
Bomb, Incendiary (Sub)	871,008	800,749	Impregnite, Shoe (ton)	328	213
Chemical Agents (tons)			Indicator, Range	317	0
Lewisite (ML)	0	28	Mortar, Chemical 4.2"	7	0
Mustard (HS)	698	816	Ointment, Protective (ton)	19	6
Screening Smoke (FS)	0	51	Respirator, Dust	7,430	7,078
Tear Gas (CNS)	0	201	Rule, Mil., C.M.	120	0
White Phosphorus (WP)	0	211	Set, Accessories, C.M.	153	0
Mask, Gas, Service	45,290	49,820	Set, Access., C.M. Cart	286	0
Tank, Airplane, M10	0	113	Set, Gas, Instructional	0	63
Agent, Simulated (ML, M2)	550	0	Shell, Chemical Mortar	5,074	6,195
Apparatus, Decont. (1 1/2 qt)	9,900	13,000	Sight, C.M., 4.2"	175	0
App. Large Scale Screen	0	2	Smoke Pots	0	0
Bomb, Instructional, M2	0	336	Solvent, Impregnite (ton)	605	625

TABULAR SUMMARY - STATUS OF SELECTED C. W. S. ITEMS ON ARMY SUPPLY PROGRAM*
JUNE 19, 1942

Source of Information: Chemical Warfare Service

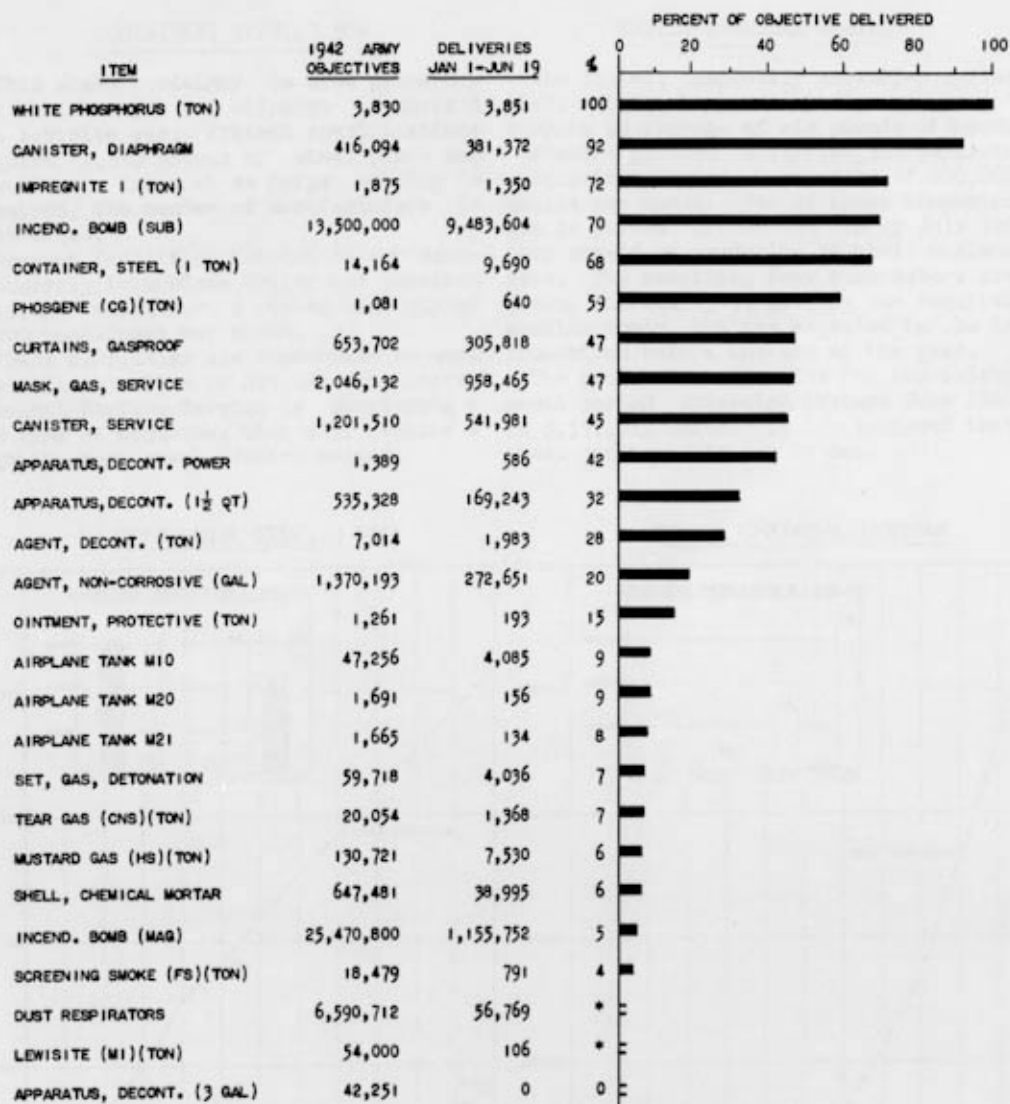
Item	Author- ized**	Under con- tract**	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 19	Mar	Apr	May	Jun 1-19	Jun	Jul	Aug
CRITICAL											
Agent, Decont. (tons)	5,941	9,367	7,014	1,983	382	172	448	595	310	360	360
Agent, Decont. H.T. (tons)	991	991	493	185	0	26	99	31	75	75	75
Agent, Non-Corr. (gal)	2,604,023	2,604,023	1,370,193	272,651	28,349	121,718	51,653	70,732	110,000	110,000	110,000
Apparatus Decont. Power	1,266	1,766	1,389	586	67	145	198	176	160	160	160
Bomb, Incendiary (Mag)(a)	89,775	35,000	25,471	1,156	111	233	549	259	750	1,250	700
Bomb, Incendiary (Sub)(a)	13,500	13,500	13,500	9,484	1,911	1,784	2,347	2,415	2,132	2,132	2,130
Canister, Svc. & Dia.	2,065,369	2,065,372	1,617,604	923,353	247,463	173,614	58,805	0	250,000	300,000	400,000
Chemical Agents (tons)											
Lewisite (M-1)	58,912	4,912	54,000	106	28	26	24	28	0	0	75
Mustard (MS)	164,498	31,182	130,721	7,530	586	960	2,457	2,189	1,400	1,800	2,200
Phosgene (CG)	3,334	3,334	1,081	660	546	94	0	0	385	385	385
Screening Smoke (FS)	18,861	1,992	18,475	791	205	83	51	0	250	250	250
Screening Smoke (HC)	3,837	3,837	474	0	0	0	0	0	350	350	350
Tear Gas (GNS)	20,400	2,507	20,054	1,368	277	224	320	201	250	250	250
White Phosphorus (WP)	16,139	9,786	3,830	3,851	523	421	2,385	315	Procured as Needed		
Mask, Gas, Diaphragm	615,247	634,646	843,200	194,643	8,437	30,073	30,763	0	30,000	30,000	60,000
Mask, Gas, Service	3,965,480	3,861,172	2,046,132	958,465	146,465	193,327	146,171	143,295	250,000	300,000	400,000
Tank, Airplane M-10	47,256	47,256	47,256	4,085	722	1,312	578	545	800	3,000	5,500
Tank, Airplane M-20	11,290	6,115	1,691	156	0	112	44	0	0	50	50
Tank, Airplane M-21	11,290	6,115	1,665	134	0	0	134	0	0	0	50
ESSENTIAL											
Agent, Simulated (M1,M2)	3,177	3,177	597	1,800	0	0	700	1,100	1,377	1,100	0
Alarm, Gas	51,531	48,309	34,138	0	0	0	0	0	Not Standardized		
Apparatus, Decont (1½ qt)	678,875	778,875	535,328	169,243	24,596	33,347	38,400	40,900	78,000	78,000	78,000
Apparatus, Decont (3 gal)	48,735	48,735	42,251	0	0	0	0	0	10,000	10,000	10,000
Brush, Decontaminating	1,311	1,311	1,889	1,111	0	0	1,111	0	0	0	0
Candle, DM	33,402	33,402	44,019	0	0	0	0	0	6,000	6,000	6,000
Cart, C.W. 4.2*	2,374	2,374	436	1	0	0	0	1	180	250	250
Container, Steel (1 ton)	283,770	49,167	246,184	9,690	1,627	3,167	1,750	1,466	2,000	2,000	2,000
Curtains, Gasproof	437,774	442,353	653,702	305,818	28,800	30,248	73,625	32,194	70,000	70,000	28,729
Cylinders, Portable	27,262	11,510	17,018	0	0	0	0	0	1,766	750	750
Flame Thrower, Emplaced	520	0	1,185	0	0	0	0	0	0	0	0
Flame Thrower, Mounted	927	0	2,537	0	0	0	0	0	Not Standardized		
Generator, Smoke, Veh.	26,813	26,833	51,673	25	0	0	25	0	5,000	5,000	5,000
Impregnite I (ton)	10,634	5,212	1,875	1,350	217	292	361	281	350	350	350
Impregnite, Shoe (ton)	8,400	8,900	4,314	7,421	1,127	1,737	1,633	940	1,600	219	0
Kit, Repair, Gas Mask, M8	15,820	15,820	6,482	0	0	0	0	0	6,490	8,891	0
Mask, Gas, Horse, M4	20,713	20,713	28,248	0	0	0	0	0	10,000	10,713	0
Mask, Gas, Horse, M5	18,432	18,432	29,056	0	0	0	0	0	10,000	8,432	0
Mine, Land, Chemical	1,411,507	1,451,507	398,970	543,347	80,231	0	0	0	100,000	100,000	100,000
Mortar, Chemical 4.2*	1,906	1,906	395	8	0	0	1	7	100	120	200
Ointment, Prot. (ton)	1,074	667	1,261	193	30	48	66	46	69	37	8
Plant, Impregnating, M1	5	15	19	0	0	0	0	0	1	2	6
Respirator, Dust	5,450,500	5,532,747	6,590,712	56,769	3,836	3,839	15,466	19,378	300,000	628,500	1,000,000
Set, Accessories, L.P.	513	282	120	3	0	0	0	0	0	107	172
Set, Gas, Detonation	4,684	4,684	59,718	4,036	0	141	1,546	89	425	250	75
Set, Gas, Instructional	0	0	7,660	427	0	0	318	109	575	50	0
Shell, Chemical Mortar	2,059,837	2,059,837	647,481	38,995	3,419	8,277	13,606	13,693	30,000	37,423	80,000
Shell, Livens Projector	187,639	40,246	32,268	24,327	0	0	20,779	0	55,000	55,000	5,336
Sight, Chemical Mortar	2,117	2,117	411	350	0	0	0	350	0	0	0
Solvent, Impregnite (ton)	22,685	22,685	5,156	7,059	1,202	875	1,034	1,701	1,000	1,000	1,000

* International Aid and Navy figures not included.
 ** Deliveries prior to January 1, 1942 are excluded.

(a) Figures in Thousands

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - JUNE 19, 1942

Source of Information: Chemical Warfare Service



* LESS THAN ONE PERCENT DELIVERED

PRODUCTION FACILITIES - C. W. S. - JUNE 19, 1942

Source of Information: Chemical Warfare Service

CONTAINER, STEEL, 1 TON

This steel container is used primarily for the storage and shipment of mustard and lewisite gas. Present specifications require 1,350 pounds of steel plate per container. Inasmuch as forge welding is required, the number of manufacturers is restricted.

Present facilities consist of two manufacturers, Columbiana Boiler and American Welding, which have a total capacity of 2,000 containers per month.

These facilities are inadequate to meet the 1944 objective of 299,481 containers. Chemical Warfare Service is developing a new type of container that will require a lighter gauge steel, fusion welded.

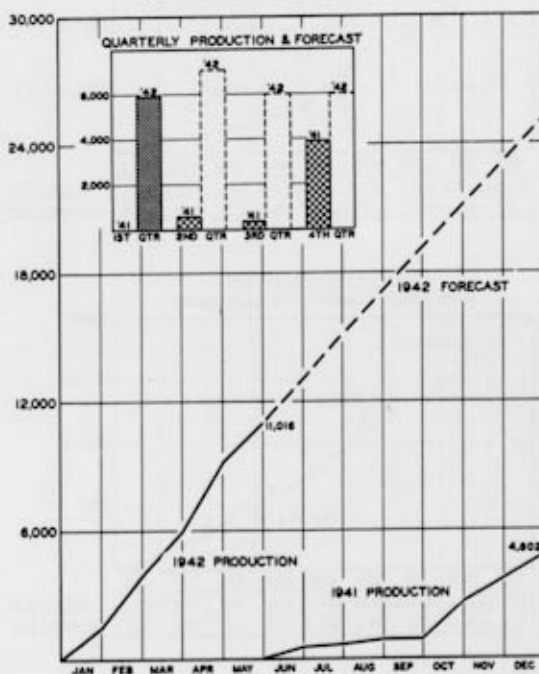
SHELL, CHEMICAL MORTAR

The filled, completely assembled mortar shell weighs about twenty-five pounds and carries an average of six pounds of agent.

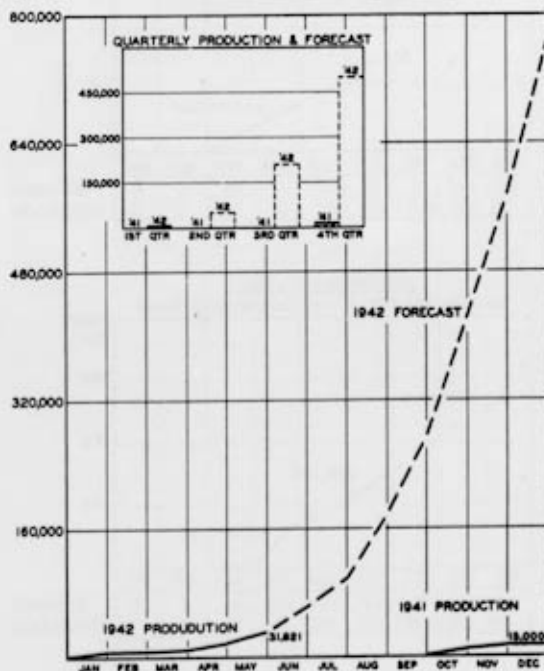
Present planned facilities, six separate contractors, have a capacity of 200,000 shells per month. Two of these companies are in partial production and by July 1st they should be producing at their maximum rate. The remaining four contractors are having difficulty in getting the required machine tools but are expected to be in production before the end of the year.

The production objective for the thirty month period extending through June 1944 is 5,551,211 units. It is believed that these requirements can be met.

CONTAINER, STEEL, 1 TON



SHELL, CHEMICAL MORTAR

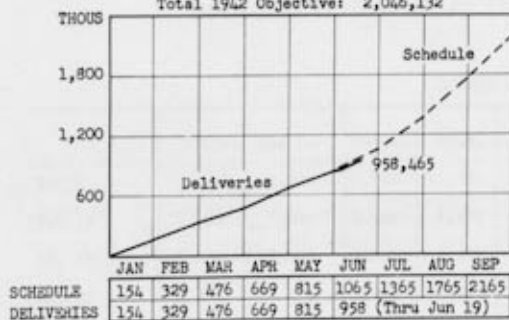


SELECTED ITEMS - C. W. S. - SCHEDULES AND DELIVERIES - JUNE 19, 1942

Source of Information: Chemical Warfare Service

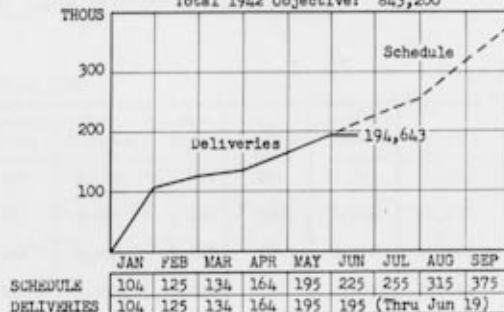
SERVICE GAS MASKS

Total 1942 Objective: 2,046,132



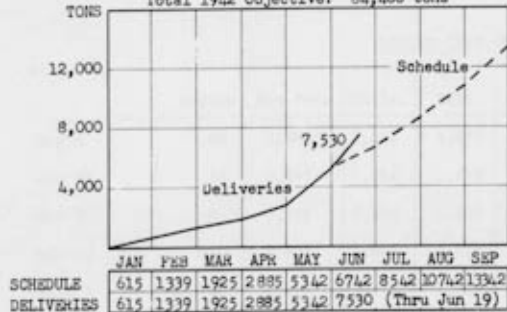
DIAPHRAGM GAS MASKS

Total 1942 Objective: 843,200



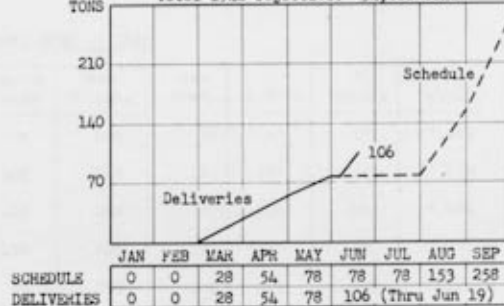
MUSTARD GAS

Total 1942 Objective: 84,460 tons



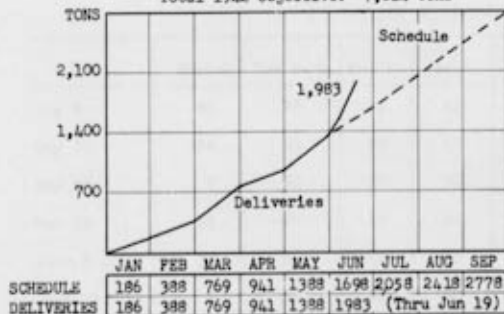
LEWISITE

Total 1942 Objective: 54,000 tons



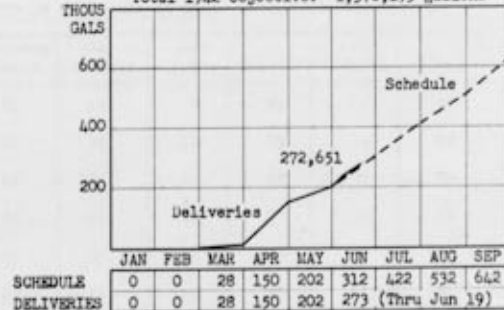
AGENT, DECONTAMINATING

Total 1942 Objective: 7,014 tons



AGENT, NON-CORROSIVE

Total 1942 Objective: 1,370,193 gallons



PORT SITUATION - DELAYS IN CAR UNLOADING - JUNE 12, 1942

Source of Information: Association of American Railroads - PT Report No. 8

CARLOAD FREIGHT FOR EXPORT AND COASTAL VESSEL MOVEMENT (EXCLUDING COAL)

LOADED CARS ON HAND

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	132	8,008	3,542	2,760	298	2,205	1,361	464	2,545	21,315
May 15	153	7,982	3,489	2,634	285	2,448	1,293	669	2,984	21,937
May 22	782	7,256	3,365	2,178	345	2,406	1,515	402	2,489	20,758
May 29	520	6,771	3,060	1,935	410	2,690	1,606	500	2,391	19,883
June 5	403	7,390	2,887	1,971	345	2,735	1,888	349	3,147	21,115
June 12	447	6,828	2,761	1,778	246	2,752	1,806	482	2,968	20,068

LOADED CARS ON HAND OVER 10 DAYS

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	66	2,968	2,558	1,238	64	308	82	160	192	7,636
May 15	52	2,647	2,294	1,670	102	323	131	197	413	7,829
May 22	51	2,368	2,359	1,116	189	389	163	233	566	7,434
May 29	169	2,558	1,933	1,014	133	605	195	185	462	7,284
June 5	50	2,497	1,474	1,013	67	749	183	128	1,279	7,440
June 12	38	2,662	1,674	1,003	42	803	180	128	1,207	7,737

PERCENTAGE OF LOADED CARS ON HAND OVER 10 DAYS

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	50	37	72	45	21	14	6	34	8	36
May 15	34	33	66	63	36	13	10	29	14	36
May 22	7	33	70	51	55	16	11	56	23	36
May 29	33	38	63	52	32	22	12	37	19	36
June 5	12	34	51	51	19	27	10	37	41	35
June 12	9	39	61	56	17	29	10	27	41	39

PORT SITUATION - DELAYS IN CAR UNLOADING BY CONSIGNEE - JUNE 12, 1942

Source of Information: Association of American Railroads - PT Reports No. 8 & 9

LOADED FREIGHT CARS ON HAND FOR EXPORT AND COASTAL
VESSEL MOVEMENT (EXCLUDING COAL)

Over 10 Days - Eight Principal Ports

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
March 13	198	247	4,068	1,059	188	107	2,266	8,133
March 20	153	215	3,755	1,203	134	139	2,300	7,899
March 27	129	166	2,947	891	125	67	2,412	6,737
April 3	128	353	3,485	656	180	34	2,087	6,923
April 10	66	442	3,266	727	183	42	2,353	7,079
April 17	33	325	3,365	1,012	91	90	1,809	6,745
April 24	51	199	3,157	1,083	54	57	1,336	5,937
May 1	71	117	3,085	1,801	29	69	1,198	6,370
May 8	30	74	2,910	2,972	29	279	1,010	7,304
May 15	96	63	3,338	2,531	17	246	937	7,228
May 22	63	84	2,970	2,331	19	426	750	6,643
May 29	345	105	2,929	1,523	16	598	1,092	6,608
June 5	272	79	3,164	1,064	11	357	1,090	6,037
June 12	334	35	3,095	1,337	8	305	1,341	6,455

Over 10 Days - All Ports

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
May 8	176	77	2,922	2,988	29	297	1,147	7,636
May 15	194	71	3,370	2,635	17	297	1,245	7,829
May 22	221	95	3,014	2,474	19	433	1,178	7,434
May 29	439	153	2,944	1,609	16	621	1,472	7,254
June 5	364	163	3,786	1,101	11	360	1,655	7,440
June 12	481	87	3,704	1,375	8	307	1,775	7,737

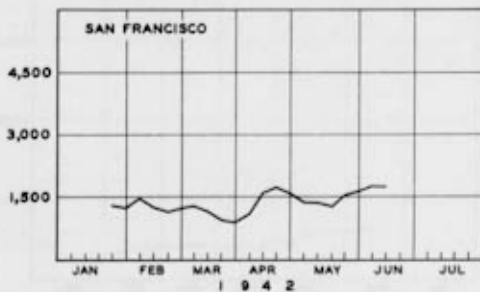
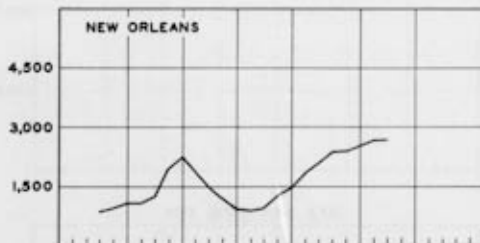
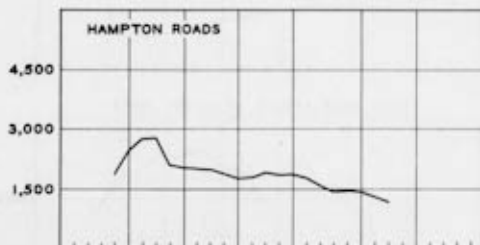
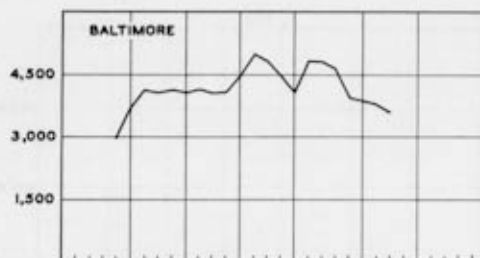
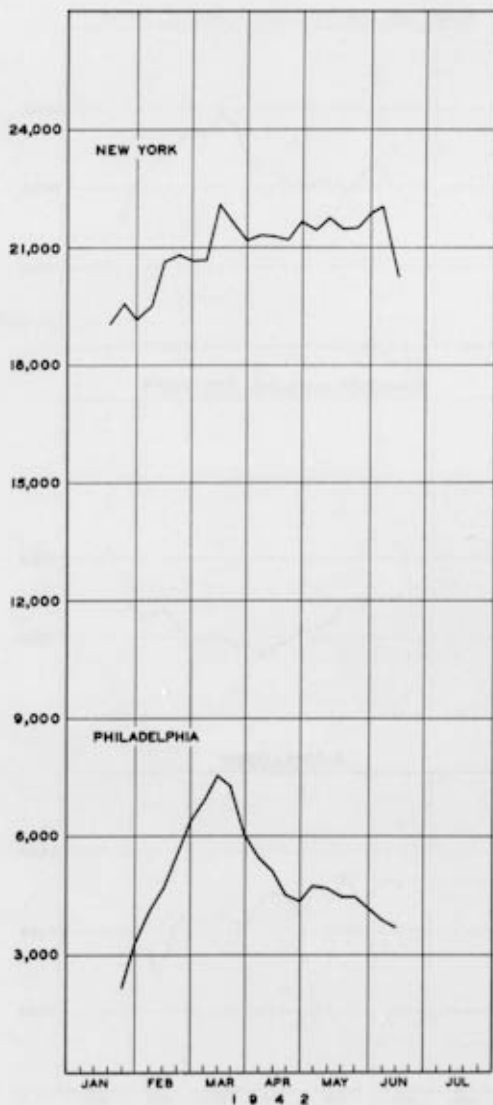
Over 30 Days - All Ports

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
May 1	10	29	791	280	16	0	582	1,708
June 1	20	13	694	588	0	15	208	1,538

PORT SITUATION - RAIL FREIGHT AT SELECTED PORTS - JUNE 12, 1942

Source of Information: Association of American Railroads - PT Report No. 7

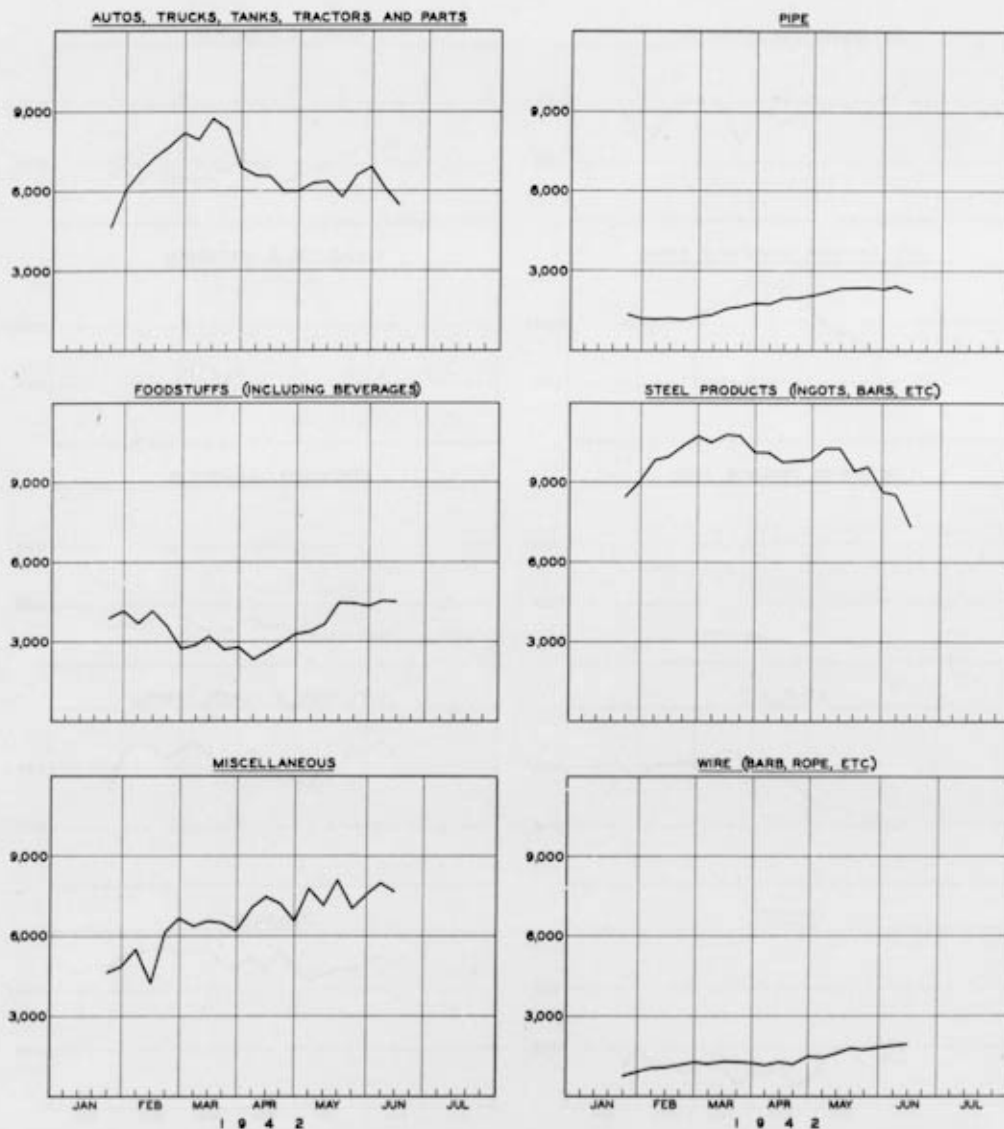
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS
AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - JUNE 12, 1942

Source of Information: Association of American Railroads - PT Report No. 7

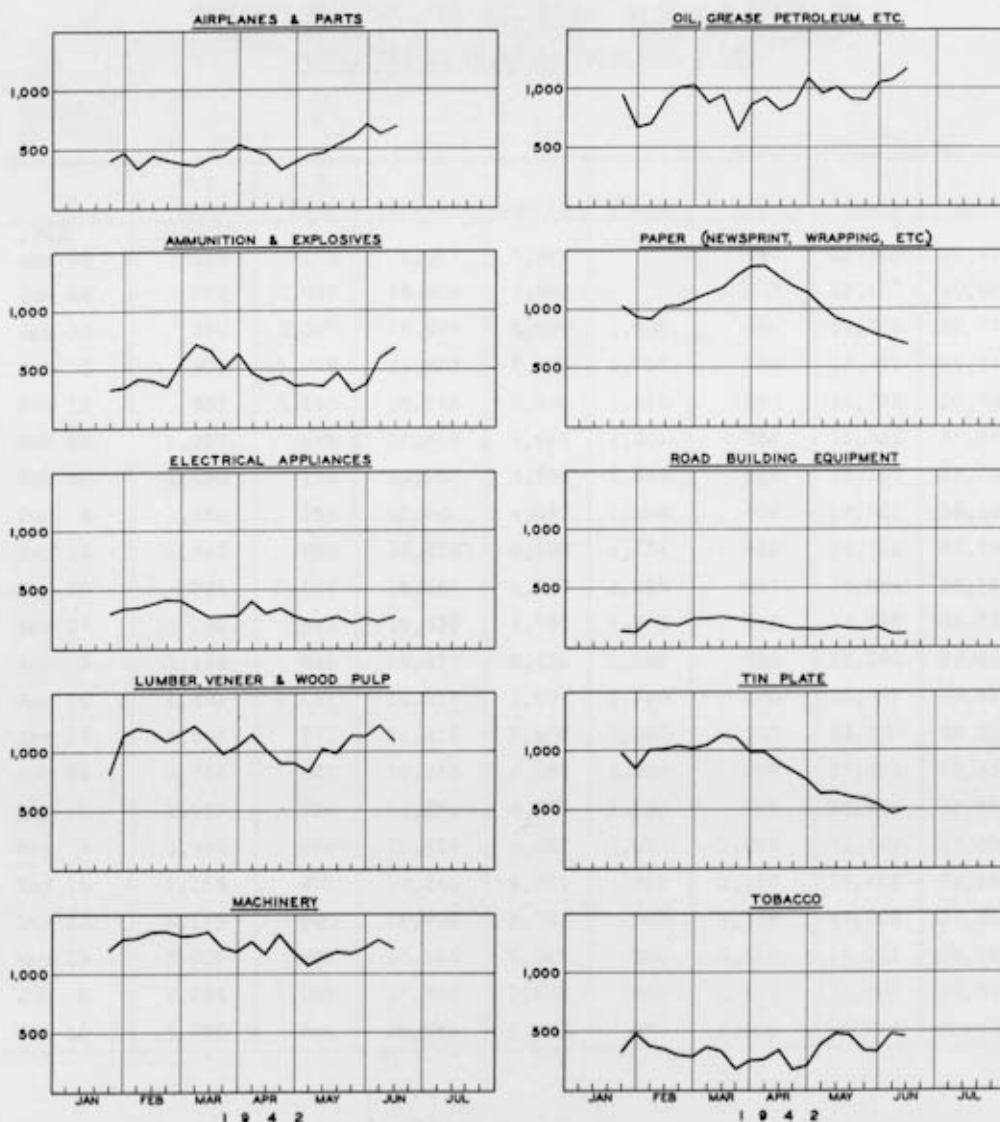
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE
AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - JUNE 12, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE
AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - CONSIGNEES OF RAIL FREIGHT AT PRINCIPAL PORTS - JUNE 12, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON
RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED
FACILITIES AT THIRTEEN PRINCIPAL PORTS

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
1942								
Jan 16	538	173	8,087	1,809		447	11,146	22,200
Jan 23	756	1,029	14,408	1,892		393	12,457	30,935
Jan 30	650	1,067	14,978	2,490	1,435	485	11,665	32,770
Feb 6	904	1,078	15,802	2,549	1,737	359	12,312	34,741
Feb 13	837	1,149	16,543	2,820	1,828	391	12,778	36,346
Feb 20	1,017	973	16,617	3,651	1,301	352	13,361	37,272
Feb 27	1,490	791	15,980	4,398	1,246	253	14,126	38,284
Mar 6	1,659	754	15,801	4,527	1,196	404	13,800	38,141
Mar 13	1,240	853	18,238	4,569	1,237	459	14,158	40,754
Mar 20	934	838	15,451	4,717	1,289	381	14,524	38,134
Mar 27	983	846	14,532	3,765	1,200	358	14,546	36,230
Apr 3	1,116	918	14,877	3,615	1,232	320	14,361	36,439
Apr 10	1,401	1,051	14,517	3,891	1,258	520	13,797	36,435
Apr 17	1,543	971	14,215	3,907	1,250	520	13,210	35,616
Apr 24	1,756	821	14,246	4,053	1,262	600	12,894	35,632
May 1	1,967	929	14,376	4,827	1,280	742	13,400	37,521
May 8	1,888	896	15,434	4,637	1,086	1,022	12,646	37,609
May 15	2,156	807	16,244	4,271	929	1,456	12,402	38,265
May 22	3,123	980	15,792	3,724	889	1,716	11,602	37,826
May 29	3,605	975	16,144	3,567	886	1,843	11,061	38,081
Jun 5	2,283	1,093	17,204	3,615	886	1,459	11,692	38,232
Jun 12	2,584	884	15,775	3,845	936	1,259	10,713	35,996

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Aircraft Branch, WPB
Statistical Control, AAF

AIRFRAMES

Army procurement of airframes for the first half of June was up six percent over the corresponding May period. All tactical types showed increases, although trainers declined slightly. Comparative acceptances for the two periods are shown in the following table.

Type	May 1-15	Jun 1-15	Unit Change	Percent Change
Bombers	202	235	+ 33	+ 16
Pursuits	225	239	+ 14	+ 6
Service Combat	153	203	+ 50	+ 33
Trainers	605	580	- 25	- 4
Total	1,185	1,257	+ 72	+ 6

GLIDERS

Availability of training gliders will be accelerated by the conversion to glider types of Aeronca tandem trainers, which are already in production. This will be accomplished by replacing the engine with a new nose section, installing a stubby landing gear and modifying the fin. About 250 units will be produced by Aeronca in June, July and August. Mass production by other lightplane companies could probably begin on short notice.

In addition to alleviating the present shortage of gliders, the lightplane makers may play a major part in the entire program. Their participation, however, is expected to affect existing plans for large utility gliders to be made by glider manufacturers and other converted industries.

ENGINES

Total production of engines for all customers was 12,814 units in May. This included 995 units for Ordnance. May production was eight percent above April, which amounted to 11,844 units including 1,251 for Ordnance.

PROPELLERS

Propeller shipments in May by the four leading companies (Hamilton-Standard, Curtiss-Wright, Nash-Kelvinator and Aeroproducts) increased four percent, from 8,374 in April to 8,724 in May. In the six months period since November, propeller shipments by these four companies have increased 98 percent. Although in production only three months, Nash-Kelvinator shipped 1,005 propellers in May.

TROUBLE REPORTS

Most of the short range production "troubles" reported by aircraft manufacturers in April were overcome by the end of May. These had involved standardization problems and correction of difficulties discovered in combat.

Raw material shortages again led the trouble list in May. About 23 manufacturers reported difficulty in securing materials. The manufacturers' reports, however, generally left the impression that production difficulties were less acute than in prior months.

WPB LABOR DATA

Productive employees in airframe plants increased eight percent, from 287,000 in April to 309,000 in May. In engine plants, the increase was five percent, from 95,000 in April to 100,000 in May. The increase in propeller plants was 10 percent, from 11,800 in April to 13,000 in May.

Female productive workers in airframe plants numbered 24,000 in May. This was eight percent of all productive employees in comparison with six percent in April and five percent in March. Productive employment of female workers in engine plants remained at four percent, the same as in the previous month.

Working hours of productive employees in airframe plants in May averaged 47.4 hours per week, the same as in April. In engine plants, the average was 49.4 hours per week compared with 51.4 hours per week in April. In propeller plants, the average was 49.9 hours per week compared to 50.2 hours per week in April.

TABULAR SUMMARY - STATUS OF ARMY AIRPLANE PROCUREMENT PROGRAM - JUNE 15, 1942

Source of Information: Aircraft Branch, WPB
Statistical Control, AAF

Type	Authorized (a)	Req'd prod 1942(b)	Accepted Jan 1, 1942 to June 15	June Army Acceptances				
				Quarter Monthly				Total
				1-8	9-15	16-23	24-30	
Heavy Bomber	18,394	3,300	790	28	41			69
Medium Bomber, 2-eng	10,193	5,630	660	27	46			73
Light Bomber, 2-eng	4,953	5,360(d)	1,181	49	44			93
Light Bomber, 1-eng	9,220	1,840	0	0	0			0
Fighter, 2-eng	5,135	1,810	559	11	14			25
Fighter, 1-eng	23,041	11,180	2,458	78	136			214
Total Combat	70,936	29,120	5,648	193	281			474
Communications	2,773	2,300	1,588	73	95			168
Transport	10,583	1,800	381	22	13			35
Total Service Combat	13,356	4,100	1,969	95	108			203
Total Tactical	84,292	33,220	7,617	288	389			677
Adv Trainer, 2-eng	8,954	3,600	1,383	39	52			91
Adv Trainer, 1-eng	11,899	3,300	1,301	82	74			156
Basic Trainer	9,839	3,600	1,817	75	75			150
Primary Trainer	14,996	4,500	2,335	99	84			183
Total Trainer	45,688	15,000	6,836	295	285			580
Grand Total	129,980	48,220	14,453	583	674			1,257

Type	Monthly Army Acceptances						
	Actual			Estimated (c)			
	Mar 1942	Apr 1942	May 1942	Jun 1942	Jul 1942	Aug 1942	Sep 1942
Heavy Bomber	156	171	178	204	228	259	296
Medium Bomber, 2-eng	200	137	159	241	267	297	334
Light Bomber, 2-eng	216	109	272	349	407	424	465
Light Bomber, 1-eng	0	0	0	0	75	136	77
Fighter, 2-eng	100	101	100	71	70	70	51
Fighter, 1-eng	463	435	482	617	714	754	869
Total Combat	1,135	953	1,191	1,482	1,761	1,940	2,092
Communications	334	379	295	167	8	23	43
Transport	69	113	89	134	170	172	174
Total Service Combat	403	492	384	301	178	195	217
Total Tactical	1,538	1,445	1,575	1,783	1,939	2,135	2,309
Adv Trainer, 2-eng	280	278	346	334	363	452	485
Adv Trainer, 1-eng	212	250	276	308	351	409	440
Basic Trainer	325	338	325	325	338	381	405
Primary Trainer	489	381	492	455	425	459	463
Total Trainer	1,306	1,247	1,439	1,422	1,477	1,701	1,793
Grand Total	2,844	2,692	3,014	3,205	3,416	3,836	4,102

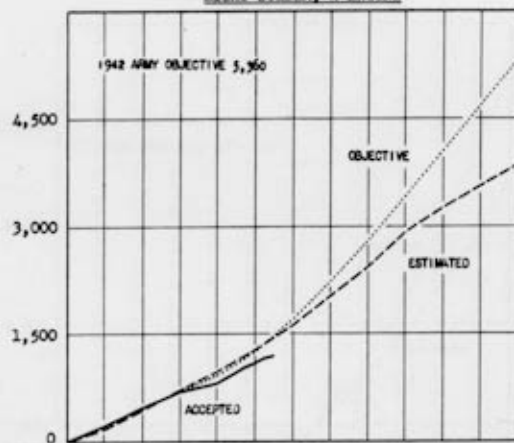
Note: Data cover procurement for Army Air Forces, for Army International Aid and procurement by Army for Navy.

- (a) Excludes acceptances prior to January 1, 1942.
- (b) Requirement based on 8-J Report - WPB.
- (c) Initial Army estimate from 8-J Report - WPB.
- (d) Revised requirement.

ARMY AIRPLANE PROCUREMENT - JUNE 15, 1942

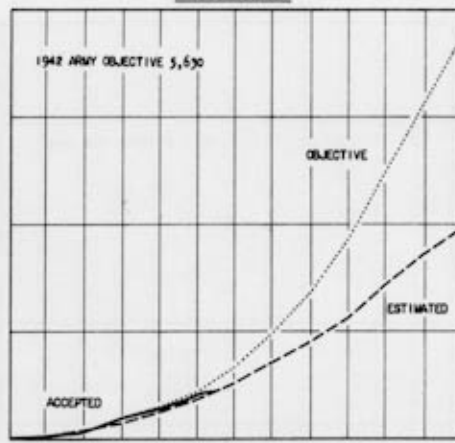
Source of Information: Objectives and Estimates: 8-Series - WPB
 Acceptances: Statistical Control - AAF

LIGHT BOMBER, 2-ENGINE



1942 CUMULATIVE ESTIMATE	179	434	735	960	1269	1618	2025	2449	2914	3275	3570	3665
ACCEPTANCES	227	491	707	816	1088	1181	(THRU 6/15)					
MONTHLY ESTIMATE	179	255	301	225	309	349	407	424	465	361	295	295
ACCEPTANCES	227	264	216	109	272	93	(THRU 6/15)					
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

MEDIUM BOMBER



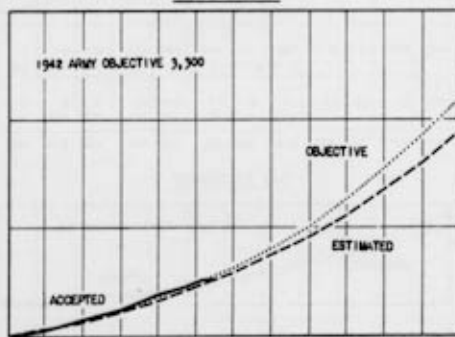
40	107	216	365	550	791	1058	1355	1689	2137	2585	2927
19	91	291	428	587	660	(THRU 6/15)					
40	67	109	149	185	241	267	297	334	448	448	342
19	72	200	137	159	79	(THRU 6/15)					
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

LIGHT BOMBER, 1-ENGINE



1942 CUMULATIVE ESTIMATE	0	0	0	0	0	0	75	211	288	392	603	838
ACCEPTANCES	0	0	0	0	0	0	(THRU 6/15)					
MONTHLY ESTIMATE	0	0	0	0	0	0	75	136	77	104	211	235
ACCEPTANCES	0	0	0	0	0	0	(THRU 6/15)					
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

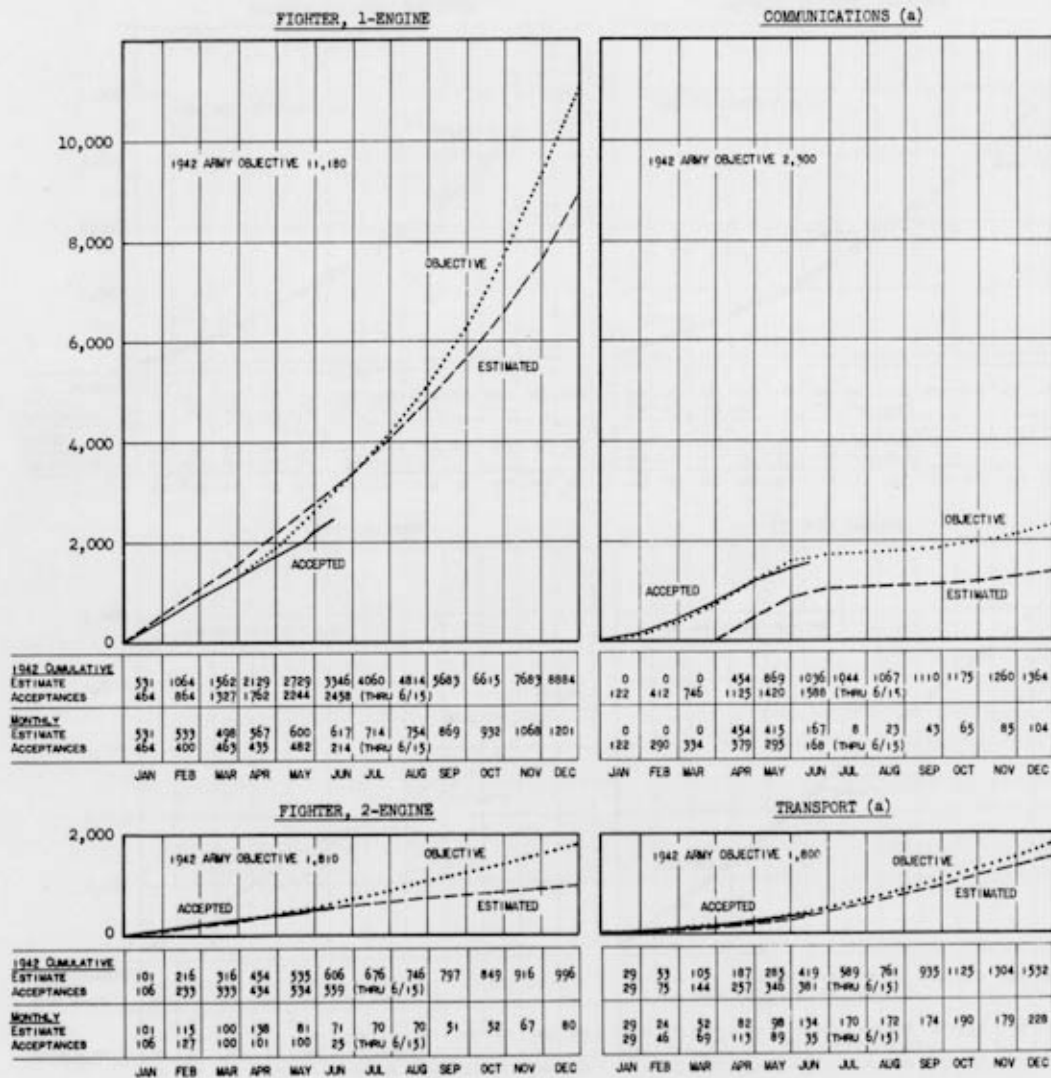
HEAVY BOMBER



84	194	330	495	678	882	1110	1369	1665	2009	2398	2839	
82	216	372	543	721	790	THRU 6/15						
84	110	136	165	183	204	228	259	296	344	389	441	
82	134	156	171	178	THRU 6/15							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

ARMY AIRPLANE PROCUREMENT - JUNE 15, 1942

Source of Information: Objectives and Estimates: 8-Series - WPB
 Acceptances: Statistical Control - AAF

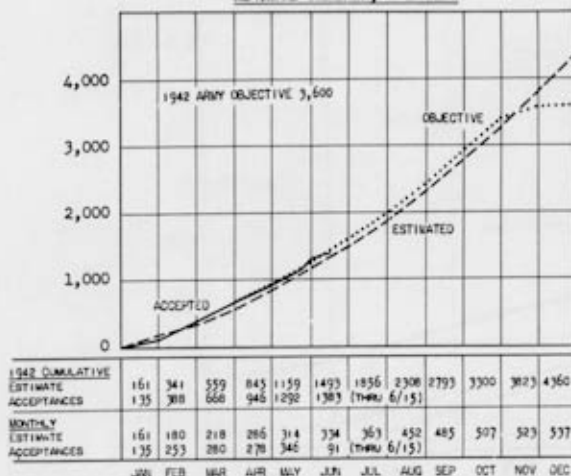


(a) Acceptances revised by reclassification of C-61 from Transport to Communications class.

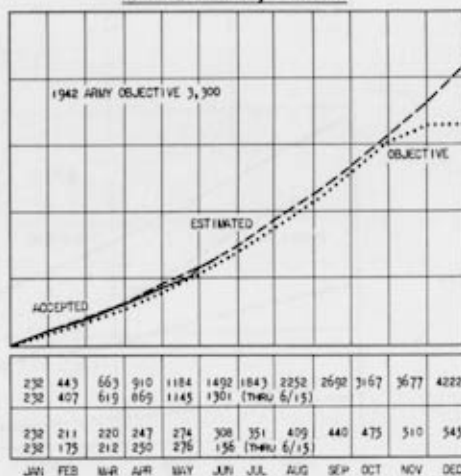
ARMY AIRPLANE PROCUREMENT - JUNE 15, 1942

Source of Information: Objectives and Estimates: 8-Series - WPB
 Acceptances: Statistical Control - AAF

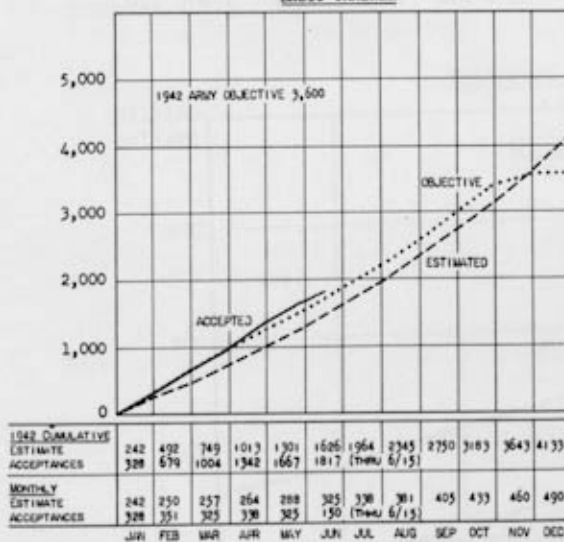
ADVANCE TRAINER, 2-ENGINE



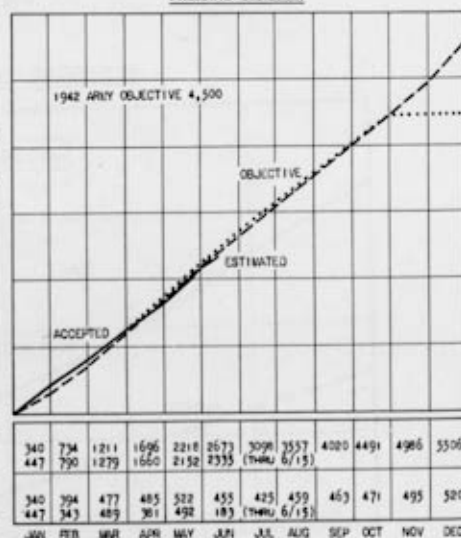
ADVANCE TRAINER, 1-ENGINE



BASIC TRAINER



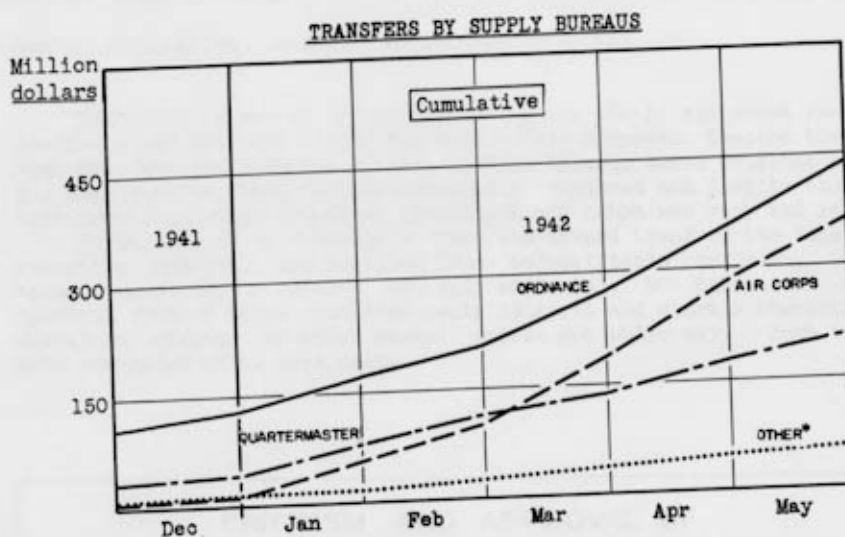
PRIMARY TRAINER



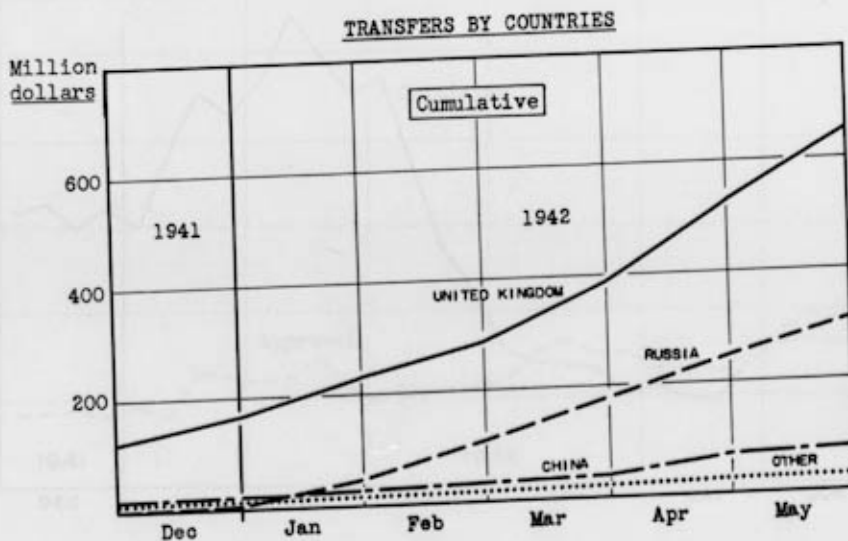
NOTE: TRAINER ESTIMATES FOR ALL CUSTOMERS IN 1942 ARE 30 PERCENT IN EXCESS OF THE PRESIDENTIAL OBJECTIVE OF 15,000 UNITS. THE OBJECTIVES ABOVE REPRESENT THE ESTIMATE FOR EACH TYPE REDUCED IN PROPORTION TO ITS WEIGHT IN THE TOTAL ESTIMATE. THE ENTIRE U. S. TRAINER OBJECTIVE HAS BEEN ASSIGNED TO THE ARMY AS DIRECT PROCUREMENT OF THIS TYPE BY OTHER AGENCIES IS NEGLIGIBLE.

INTERNATIONAL AID - TRANSFERS BY SUPPLY BUREAUS AND COUNTRIES - MAY 31, 1942

Source of Information: All Supply Arms Services



* Includes C.W.S., Engr., Med., and Sig. Corps.

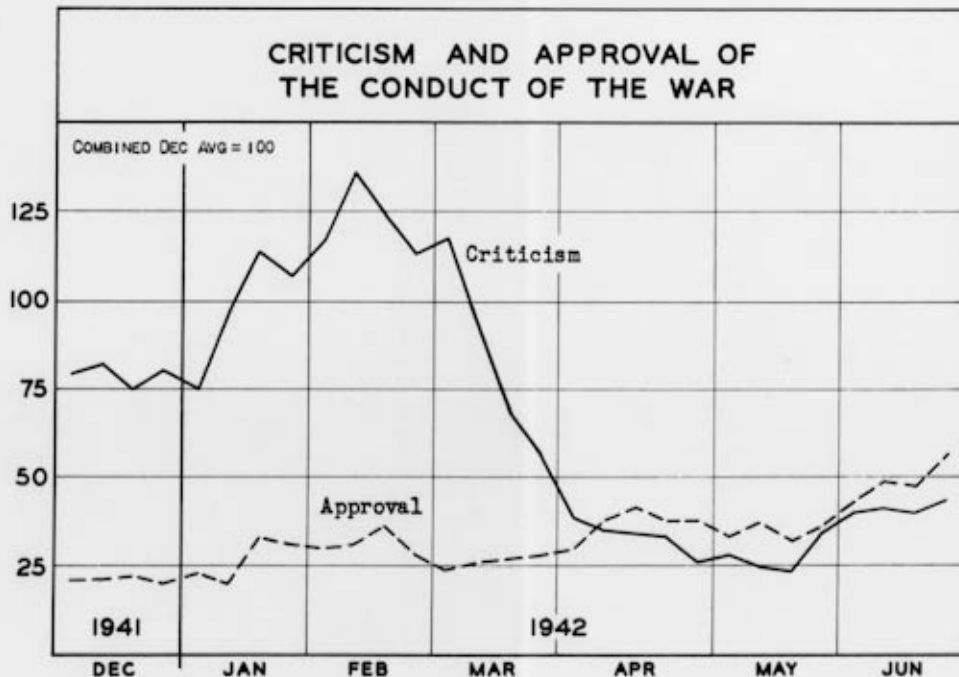


EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistical Service, June 24, 1942

Editorial approval of the conduct of the war by our armed services reached a new all-time high this week. This happened despite the fact that the Japanese invasion of the Aleutian Islands shows evidence of being more serious than had been generally supposed and despite the fact that news from other fronts at Sevastopol and Libya was very bad indeed.

It may appear in retrospect that the upward trend of the line representing approval has resulted from unjustifiable optimism, but it appears genuinely to reflect not only editorial, but public sentiment. Approval crossed above criticism early in April and shortly thereafter a sustained advance of stock market prices got under way. Both trends have continued up to this week.



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BY AUTHORITY OF
STATISTICS AND PROGRESS
BRANCH
CONTROLLING DIVISION
JULY 2, 1942

WEEKLY STATISTICAL SUMMARY

NUMBER 145

JULY 2, 1942

STATISTICS AND PROGRESS BRANCH
CONTROL DIVISION
HEADQUARTERS - SERVICES OF SUPPLY
WAR DEPARTMENT

1-CLASSIFIED

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DATE 3-11-57

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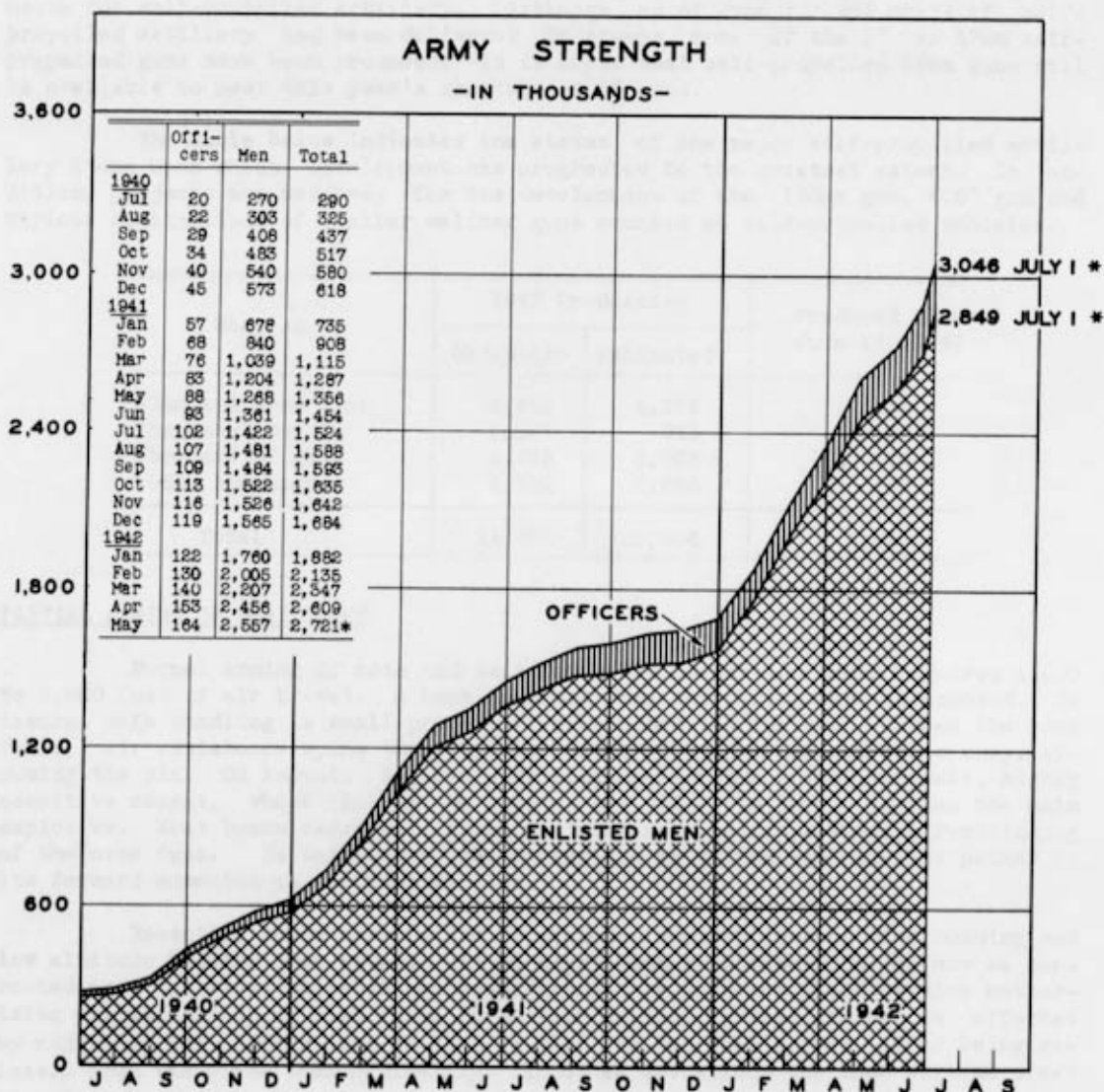
WEEKLY STATISTICAL SUMMARY
REPORT NO. 145
JULY 2, 1942

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ARMY STRENGTH - JULY 1, 1942

Source of Information: Statistics Branch, General Staff



* Estimates

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Personnel
1

STATISTICS AND PROGRESS BRANCH
CONTROL DIVISION - HEADQUARTERS,
SOS - 7-2-42

TEXT SUMMARY - ORDNANCE DIVISION - JULY 2, 1942

Source of Information: Ordnance Department

SELF-PROPELLED ARTILLERY

During the last year the trend of the war has greatly increased requirements for self-propelled artillery. Although as of June 1, 943 units of self-propelled artillery had been delivered to troops, none of the 3" or 57mm self-propelled guns have been produced. It is hoped that self-propelled 75mm guns will be available to meet this year's shortage of 3" guns.

The table below indicates the status of the major self-propelled artillery items upon which development has progressed to the greatest extent. In addition, projects are underway for the development of the 155mm gun, 4.5" gun and various combinations of smaller caliber guns mounted on self-propelled vehicles.

Weapons	1942 Production		Produced thru June 15, 1942
	Objective	Estimated	
37mm and 57mm guns	4,352	4,275	234
75mm howitzer	1,839	865	201
75mm and 3" guns	5,428	3,098	526
105mm howitzer	2,782	2,566	419
Total	14,401	10,804	1,380

PARTIAL ARMING OF BOMB FUZES

Normal arming of nose and tail fuzes for demolition bombs requires 1,000 to 3,500 feet of air travel. A bomb is armed when the firing pin is exposed. To insure safe handling a small propeller is attached to the bomb. When the bomb falls, air resistance spins the propeller until it screws off and falls away, exposing the pin. On impact, the pin jams back against the primer, a small, highly sensitive charge, which ignites the booster and this, in turn, ignites the main explosive. Most bombs carry tail fuzes as insurance against defective functioning of the nose fuze. In tail fuzes the firing pin is driven against the primer by its forward momentum as the bomb strikes.

Recently, bombs have failed to explode in operations of dive bombing and low altitude bombing over water. It is hoped that this situation may now be corrected as a technical bulletin has been released by Ordnance Field Service authorizing partial arming of bomb fuzes in certain cases. Partial arming is effected by adjusting the arming vane so that it will arm the bomb sooner after being released from the plane than ordinarily. In other operations the bomb will be armed as before.

AIRCRAFT REQUIREMENTS - 20MM VS CALIBER .50 - GUNS - JUNE 20, 1942

Source of Information: Ordnance Department, Munitions Assignment Board and General Staff.

While the U. S. Army Air Corps has shown a preference for the caliber .50 machine guns for aircraft armament, the British R.A.F. has found the 20mm gun more desirable. Tabulations below and on the next page show the present production situation regarding the two types of guns and ammunition used with them. It is indicated that some substitution of the 20mm gun for the caliber .50 aircraft machine gun is desirable from a production standpoint. Principal advantages of such a substitution are:

- (1) Use of excess productive capacity of facilities manufacturing the 20mm gun.
- (2) Relief of impending deficit of caliber .50 aircraft machine guns.
- (3) More favorable balance for ammunition program as discussed on the next page.

Estimated production of the 20mm aircraft gun will exceed the objective through the first six months of 1944. Past production performance has indicated that future production can exceed estimates shown below if there is a greater need for this gun. Production of the caliber .50 aircraft machine gun, on the other hand, will fall short of requirements in 1943.

20MM AIRCRAFT GUN

	1/1/42 thru 12/31/42	1/1/42 thru 12/31/43	1/1/42 thru 6/30/44
Required	41,710	122,645	168,381
Estimated production	61,977	133,977	169,977
Surplus	20,267	11,332	1,596

CALIBER .50 AIRCRAFT MACHINE GUN

	1/1/42 thru 12/31/42	1/1/42 thru 12/31/43	1/1/42 thru 6/30/44
Required	188,488	723,233	929,799
Estimated production	232,179	576,039	750,639
Surplus or deficit	43,691	- 147,194	- 179,160

Ordinarily the British use the 20mm gun and caliber .303 machine guns in their planes. The caliber .50 aircraft machine gun is not being produced in Britain, and the only ones used are those manufactured in this country. On the British pursuit plane four 20mm aircraft guns are used instead of six caliber .50 machine guns generally used by this country.

AIRCRAFT REQUIREMENTS - 20MM VS CALIBER .50 - AMMUNITION - JUNE 20, 1942

Source of Information: Ordnance Department, Munitions Assignment Board and General Staff.

Combined production of all types of 20mm ammunition for aircraft guns will exceed 1942, 1943 and 1944 objectives. Estimates are based on monthly production rates to be attained by the end of 1942. Meeting of this objective depends a great deal on production of ball ammunition which, though of an inferior type, can be used for combat purposes. The main advantage of 20mm ammunition is that almost all cartridge cases are expected to be made of steel by 1943, thus saving much needed copper.

Combined production for all types of caliber .50 ammunition will fall short of requirements in 1942 and will fall still further behind requirements in 1943 and the first six months of 1944. Copper is a limiting factor in production of this ammunition. Reduction of caliber .50 aircraft requirements and diversion to the production of 20mm ammunition would result in a great saving of this critical material.

Further studies show that a reduction of caliber .50 ammunition requirements equivalent to seventy percent of the Army aircraft requirement as determined by the 8-J Ultimate plane schedules will be necessary if objectives through 1944 are to be met under present production estimates. It is estimated that such a reduction would result in a saving of over 350,000 short tons of copper.

20MM CARTRIDGE (ALL TYPES)

(Thousands)

	1/1/42 thru 12/31/42	1/1/42 thru 12/31/43	1/1/42 thru 6/30/44
Required	108,464	240,092	326,869
Estimated production	119,127	319,127	419,127
Surplus	10,663	79,035	92,258

CALIBER .50 AMMUNITION (ALL TYPES)

(Thousands)

	1/1/42 thru 12/31/42	1/1/42 thru 12/31/43	1/1/42 thru 6/30/44
Total required	2,278,693	8,530,560	13,144,331
Estimated production	2,171,994	6,604,670	10,331,366
Deficit	- 106,699	- 1,925,890	- 2,812,965

Present estimates of 20mm ammunition production indicate that the accumulated excess through June 30, 1944 would be sufficient to replace only a small portion of the accumulated deficit of caliber .50 ammunition.

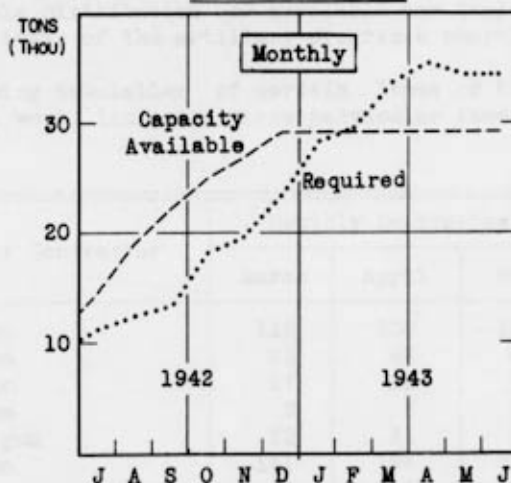
ARMOR PLATE AND CASTINGS - JUNE 15, 1942

Source of Information: Industrial Service, Ordnance Department.

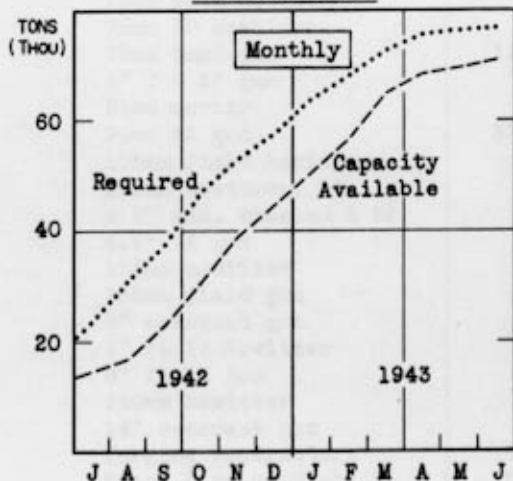
A decided shortage of armor plate and castings has already seriously affected tank production. These materials are used for armoring tanks, combat vehicles and guns, and must, therefore, have proper ballistic qualities. "B" grade castings, although of high quality steel and able to withstand severe shock and vibration, are used for internal parts which are not subject to direct gun fire,

Because of difficulties in obtaining satisfactory welds, armor castings are considered more practical than armor plate for the construction of tanks and combat vehicles. A lack of facilities capable of producing armor castings has made it necessary to use armor plate in large quantities.

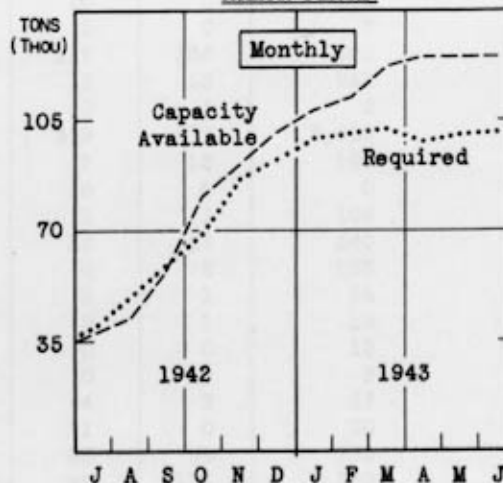
"B" GRADE CASTINGS



ARMOR CASTINGS



ARMOR PLATE



ARTILLERY - MACHINE TOOL PROGRESS - JUNE 15, 1942

Source of Information: Ordnance Department

The manufacture of directors, mounts and carriages for the 40mm and 90mm AA guns requires many machine tool operations and a scarcity of these requisite tools has caused a serious lag in the production of those items of the artillery program. More efficient manufacturing procedures are aiding in the reduction of tool requirements and an effort is being made to revise the distribution of new tools in order that the greatest efficiency be obtained with the number available. Present provisions of the priority system give priority on tools to the contractors holding highest priority orders, frequently leaving no tools available for contractors working on orders having lower ratings. This system could be revised to provide a more adjustable distribution of available new tools and to permit all contractors working on items of the artillery program a share of the tool production.

The following tabulation of certain items of the artillery program involving machine tool work, indicates those particular items most seriously affected by tool shortage.

Program or Contractor	Monthly Deliveries			Balance Required
	March	April	May	
20mm AC gun	118	100	129	98
37mm AC gun	33	47	40	81
37mm AT gun	17	80	18	141
37mm AA gun	6	2	16	36
37mm tank gun	22	31	27	70
40mm AA gun	141	196	213	2,281
57mm gun	9	15	28	228
60mm mortar	0	0	0	2
75mm pack howitzer	0	10	0	161
75mm SP howitzer	0	0	0	8
75mm tank gun	157	226	136	369
3" T & AT gun	3	3	55	951
81mm mortar	0	0	2	2
90mm AA gun	372	319	275	3,856
105mm field howitzer	3	7	12	109
105mm howitzer, SP	0	0	0	0
4.5" gun, wheeled & SP	0	2	1	108
4.7" AA gun	7	28	24	346
155mm howitzer	7	4	2	233
155mm field gun	6	3	1	24
6" seacoast gun	0	8	1	15
8" field howitzer	0	0	0	13
8" field gun	0	0	0	2
240mm howitzer	0	4	3	23
16" seacoast gun	1	1	0	20
Forging contractors	38	36	55	773
Misc. fire control	68	42	117	1,390

TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE EQUIPMENT ITEMS ON ARMY SUPPLY PROGRAM - JUNE 23, 1942

Source of Information: Ordnance Department

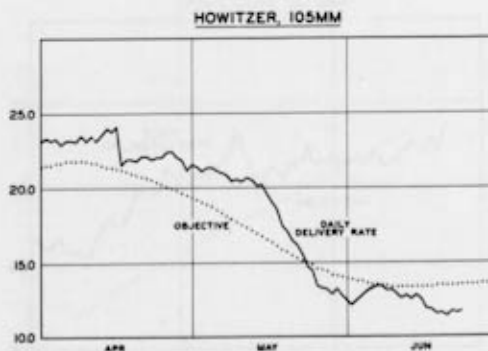
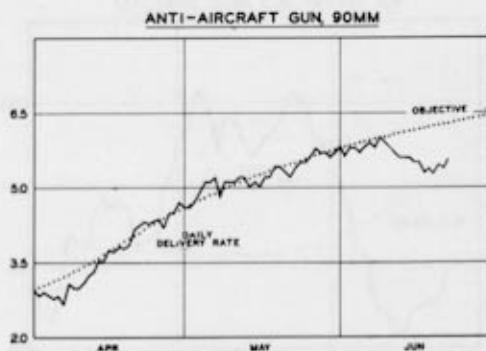
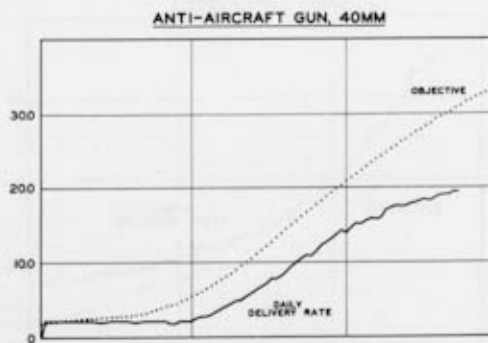
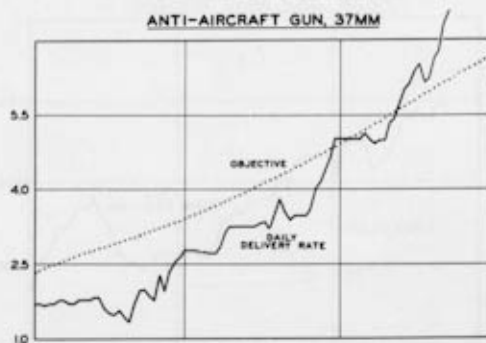
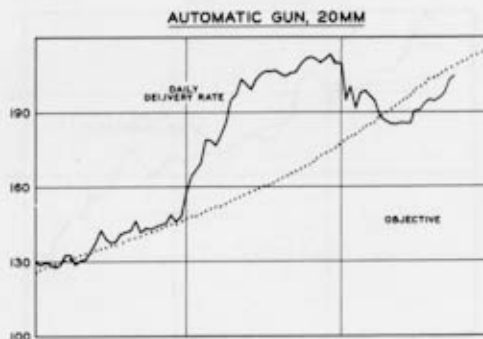
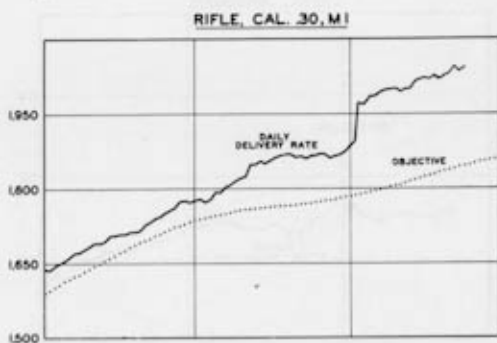
Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1 - Jun 23	Mar	Apr	May	Jun 1 - 23	Jun	Jul	Aug
COMBAT VEHICLES											
Scout car, M3A1	16,538	16,538	9,406	1,337	0	295	390	662	900	1,100	1,200
Personnel carrier, M2 & M4	9,735	9,735	4,636	2,226	480	220	287	9	124	424	655
Personnel carrier, M3	20,182	15,182	4,547	1,760	192	198	301	306	300	300	250
Armored cars (all)	14,370	9,300	8,937	0	0	0	0	0	0	0	10
Tank, light	24,582	24,582	10,588	2,880	418	547	635	539	647	783	975
Tank, medium	40,692	40,692	14,000	4,204	672	817	903	606	1,160	1,425	1,695
Tank, heavy	1,037	600	115	0	0	0	0	0	2	4	10
SMALL ARMS											
Rifle, cal.30, M1	1,256,949	1,206,949	985,376	287,341	49,180	53,280	58,481	45,810	56,000	58,900	60,000
Carbine, cal.30, M1	1,658,488	1,607,243	2,015,901	333	0	0	0	313	1,405	3,500	9,200
Rifle, cal.30, M1903	1,710,203	806,727	264,931	131,183	21,889	25,982	29,470	25,798	29,000	31,000	31,000
Rifle, auto. Brg., cal.30, M1918A2	33,839	31,219	43,520	7,044	900	1,170	2,735	1,260	1,500	1,500	1,500
Machine gun, cal.30, AC	224,710	134,859	114,957	42,504	6,090	9,221	9,737	7,309	8,570	9,279	9,385
Machine gun, cal.30 (Var.)	443,583	435,599	132,850	59,970	10,849	11,010	13,336	10,958	12,777	14,860	16,278
Submachine gun, cal.45	1,619,094	800,227	976,183	285,835	48,092	54,340	56,384	41,520	59,000	59,000	73,000
Machine gun, cal.50, AC	518,054	351,552	188,488	93,053	15,530	15,806	20,495	16,531	18,038	19,480	19,955
Machine gun, cal.50, AA	58,094	56,704	32,436	16,103	2,035	3,335	4,144	3,607	4,490	4,825	4,825
Machine gun, cal.50, HB	121,400	120,170	73,469	13,451	2,556	3,339	3,150	1,550	3,300	4,050	4,750
ARTILLERY											
Gun, 20mm, AC	141,622	141,425	41,710	24,642	3,912	4,738	5,295	4,466	5,501	7,110	7,720
Gun, 37mm, AC	14,516	13,712	4,983	2,069	350	400	425	377	500	717	810
Gun, 37mm, AA	2,673	2,673	3,500	496	51	83	150	142	200	250	250
Gun, 37mm, tank, M2 & M5	66,796	66,779	19,763	9,472	1,496	1,782	1,896	1,480	2,323	2,875	3,375
Gun, 37mm, AT, wheeled	20,050	20,050	14,461	4,245	394	752	1,002	615	1,200	1,400	1,500
Gun, 37mm, AT, self-propelled	5,404	5,404	2,539	360	0	0	157	203	350	200	200
Gun, 40mm, AA, M2 & SP	25,790	15,790	11,100	1,012	65	65	428	454	600	800	1,100
Gun, 57mm, AT, wheeled	8,500	8,500	1,059	493	2	75	178	238	210	290	395
Gun, 57mm, AT, self-propelled	2,646	0	1,813	0	0	0	0	0	Schedule not available		
Mortar, 60mm	17,442	17,442	3,729	2,555	379	323	202	704	900	1,000	500
Howitzer, 75mm, field & pack	2,087	2,087	1,213	279	0	48	54	43	117	115	235
Howitzer, 75mm, self-propelled	2,616	500	1,839	201	68	86	0	0	Schedule not available		
Gun, 75mm, tank	46,909	46,015	14,190	5,994	796	922	1,288	1,807	2,025	2,391	2,572
Gun, 75mm, AT, self-propelled	1,350	1,350	50	626	101	218	206	0	175	225	135
Gun, 3", tank	115	115	115	0	0	0	0	0	Starts in Sept 1942		
Gun, 3", AT, wheeled	100	100	0	0	0	0	0	0	0	20	10
Gun, 3", AT, self-propelled	6,445	1,580	5,378	0	0	0	0	0	0	0	19
Mortar, 81mm	8,733	7,199	3,720	1,842	286	281	320	357	500	500	500
Gun, 90mm, AA	8,000	7,624	2,750	703	84	137	171	123	193	220	252
Howitzer, 105mm, wheeled	3,914	3,898	2,035	2,059	479	467	356	67	394	163	295
Howitzer, 105mm, self-propelled	4,010	3,586	2,782	438	177	181	33	47	Schedule not available		
Howitzer, 155mm, new	1,270	1,270	450	0	0	0	0	0	Starts in Sept 1942		
Gun, 155mm, M1	765	465	458	197	31	31	35	23	30	40	45
FIRE CONTROL, AA											
Director, M2 & M5	36,995	27,684	18,767	1,401	144	254	442	485	546	755	1,055
Director, M7	3,517	3,117	986	153	21	27	31	24	25	29	34
Finder, height	2,101	2,101	942	83	18	17	24	10	24	25	35
Instrument, binocular training	17	17	11	7	0	0	0	0	0	0	10
Instrument, flank spotting	662	608	0	456	100	24	51	75	75	75	29
Instrument, observation, BC	2,712	2,672	1,231	91	16	5	15	39	100	130	161
Locator, sound	714	714	930	238	47	36	46	26	54	35	0
Rule, flank spotting	222	204	0	204	68	0	134	0	Schedule not available		
Tester, stereoscopic	1,039	1,039	414	0	0	0	0	0	312	150	150
Trainer, stereoscopic	838	381	261	35	5	5	3	4	7	5	6

Figures include procurement for International Aid and other services.
* Quantity accepted prior to January 1, 1942, has been excluded.

DAILY DELIVERY RATES - ORDNANCE PROCUREMENT - JUNE 23, 1942

Source of Information: Ordnance Department

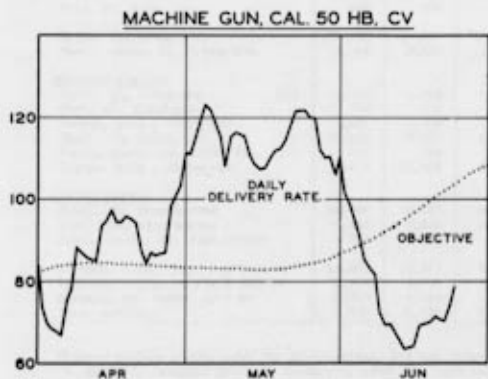
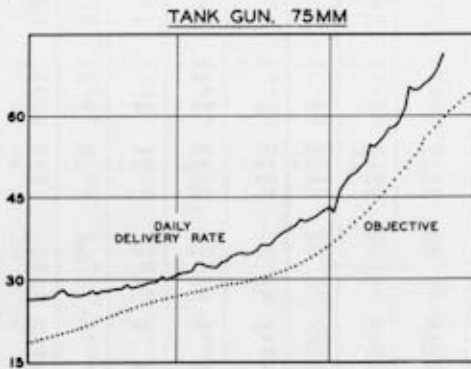
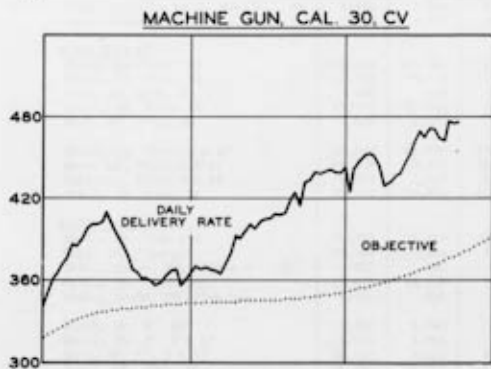
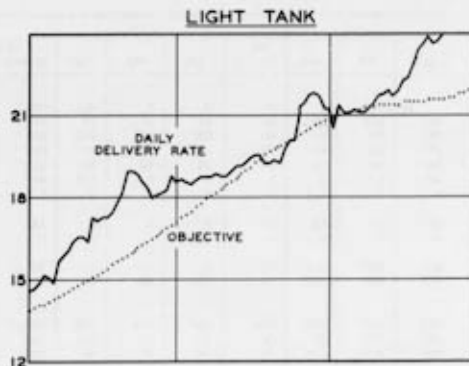
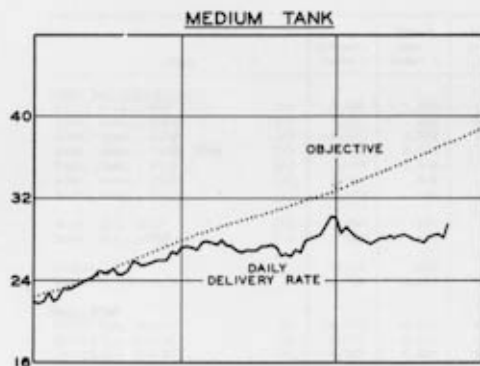
Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



DAILY DELIVERY RATES - ORDNANCE PROCUREMENT - JUNE 23, 1942

Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE AMMUNITION ITEMS ON ARMY SUPPLY PROGRAM - JUNE 23, 1942

Source of Information: Ordnance Department

(Figures in thousands)

Item	Author-ized *	Under con-tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1 - Jun 23	Mar	Apr	May	Jun 1 - 23	Jun	Jul	Aug
BOMBS AND PYROTECHNICS											
Bomb, frag., 20#	(a)	1,226	1,223	1,227	260	110	0	0	0	Not scheduled	
Bomb, chem., 100#	(ab)	3,615	845	2,104	144	25	31	36	36	100	125
Bomb, demo., 100#	(a)	6,240	5,358	1,697	707	279	137	180	35	100	90
Bomb, demo., 250#, 300#	(a)	4,921	4,000	1,252	224	39	44	40	17	25	40
Bomb, demo., 500#	(a)	1,899	1,509	815	245	23	48	31	40	50	60
Bomb, demo., 1000#	(a)	1,236	608	724	23	(c)	2	8	5	7	18
Bomb, demo., 2000#	(a)	289	191	58	3	0	0	0	0	(c)	3
Bomb, SAP, 500#	(a)	1,257	927	491	22	0	0	4	18	25	40
Bomb, SAP, 1000#	(a)	563	419	289	0	0	0	0	0	0	5
Flares		3,902	553	976	63	5	11	12	34	115	115
Signals, aircraft		14,768	3,060	4,039	302	52	40	20	60	260	260
SMALL ARMS											
Cartridge, cal.30	**	16,996	16,441	7,057	2,027	306	418	522	412	662	687
Cartridge, cal.45	**	6,902	5,454	3,199	344	66	74	66	46	76	87
Cartridge, cal.50	**	6,640	5,334	2,279	334	48	58	99	62	161	204
Link, metallic belt, cal.30	**	4,905	2,346	2,579	221	35	41	47	33	51	67
Link, metallic belt, cal.50	**	6,440	3,928	2,765	511	101	100	108	97	136	159
MINOR CALIBER											
Cartridge, 20mm, AC		248,586	203,910	108,464	27,933	3,592	6,127	5,524	3,681	7,150	6,725
Shell, HE, 37mm, AC		12,486	9,510	1,628	912	441	49	165	9	0	0
Shot, AP, 37mm, AC		692	543	567	67	12	22	27	6	20	30
Shell, HE, 37mm, AA		17,255	17,255	5,105	3,991	383	534	488	604	560	500
Shot, AP, 37mm, AA		2,016	1,109	683	23	0	0	0	23	50	83
Shell, HE, 37mm, T & AT		52,568	21,706	12,377	1,915	432	466	705	238	1,000	1,250
Shot, AP, 37mm, T & AT		76,206	47,878	22,926	7,354	1,011	1,908	1,885	1,679	2,500	2,600
Cannister, 37mm, T & AT		5,532	4,103	1,374	680	0	79	171	450	300	200
Shell, HE, 40mm, AA		70,989	28,918	20,663	1,118	150	183	621	86	350	500
MEDIUM CALIBER											
Shell, HE, 75mm gun		21,593	7,429	10,594	2,394	473	596	460	278	509	500
Shot, AP, 75mm gun		23,546	23,546	7,189	1,908	227	506	539	298	590	750
Shell, smoke, WP, 75mm gun	(a)	407	320	138	280	0	88	87	0	Not scheduled	
Shell, HE, 75mm how.		16,441	10,136	6,748	2,659	641	505	659	537	650	705
Shell, smoke, WP, 75mm how.		1,801	618	601	83	0	0	22	61	60	60
Shell, HE, 81mm, AA		1,955	1,740	762	1,362	226	404	228	152	166	135
Shell, HE, 81mm, T & AT		4,738	4,081	888	88	15	0	0	58	(c)	50
Shot, AP, 81mm, T & AT		13,481	9,017	2,399	59	0	0	0	59	100	125
Shell, HE, 90mm, AA		12,095	10,317	5,666	867	0	177	300	62	270	330
Shot, AP, 90mm, AA		854	675	360	0	0	0	0	0	0	1
Shell, HE, 105mm how.		32,858	28,260	10,855	3,755	810	762	564	530	820	825
Shell, smoke, WP, 105mm how.		4,149	3,196	1,262	243	19	95	41	88	70	90
SEPARATE LOADING											
Shell, HE, 155mm gun	(a)	1,403	1,376	755	141	85	20	0	0	18	60
Shot, AP, 155mm gun		301	263	293	2	0	0	1	1	10	20
Charge, prop., 155mm gun		1,223	1,902	964	858	132	176	101	114	140	70
Shell, HE, 155mm how.	(a)	10,093	9,781	4,069	1,812	319	262	414	301	239	280
Shell, smoke, WP, 155mm how.	(a)	783	385	283	51	10	0	0	21	30	0
Charge, prop., 155mm how.		11,438	11,428	4,772	2,650	546	298	363	324	491	450
MISCELLANEOUS											
Shell, HE, 60mm mortar		28,969	28,277	9,159	3,901	591	1,120	818	415	980	1,000
Shell, HE, 81mm mortar		7,943	7,694	4,402	1,655	402	465	396	0	200	11
Shell, smoke, WP, 81mm mortar		765	745	473	122	0	2	77	43	55	25
Grenade, hand, frag. & offensive		13,059	12,911	2,402	270	0	0	0	0	175	445
Grenade, rifle, cal.30 & cal.50		3,707	3,707	3,874	764	80	280	200	145	253	243
Grenade, HE, smoke, Gd & AC		6,720	6,869	1,728	34	(c)	34	0	0	80	170
Mine, antitank		6,036	6,026	2,450	1,055	125	203	478	198	630	650

Figures include procurement for International Aid and other services.
 * Quantity accepted prior to January 1, 1942, has been excluded.
 ** Figures in millions.

(a) Unfused.
 (b) Unfilled.
 (c) Less than 1,000.

MONTHLY ACCEPTANCES - AMMUNITION - MAY 31, 1942

Source of Information: Ordnance Department

(All figures in thousands)

	A I R C R A F T						I N F A N T R Y								
	BOMB FRAG. 20# 23#	BOMB		CHEM. 30# 100#	CART- RIDGE 20MM	SHELL AND SHOT 37MM	CARTRIDGE			SHELL, SHOT & CANISTER 37MM T & AT	MORTAR		GRENADE HE FRAG.	MINE AT	
		100#	500#				CAL. 30	CAL. 45	CAL. 50		HE 60MM	HE 81MM			
		250#	1000#												
		300#	2000#												
1940															
JUL	0	0	0	0	0	0	10,976	1,036	1,252	0	0	0	0	0	
AUG	0	0	0	0	0	0	12,614	1,850	1,638	0	0	0	0	0	
SEP	0	5	1	0	0	0	15,060	1,400	2,245	.4	0	6	0	0	
OCT	0	0	0	0	0	0	16,203	1,180	2,290	7	0	0	0	0	
NOV	0	10	0	0	0	0	19,455	1,800	2,350	0	0	6	0	0	
DEC	0	0	0	0	0	0	22,800	1,896	2,671	0	0	0	0	0	
1941															
JAN	0	0	0	0	0	0	30,984	9,478	3,495	3	0	0	0	0	
FEB	0	0	0	0	0	0	31,552	9,400	3,122	0	0	0	0	0	
MAR	0	0	.03	5	0	0	47,260	20,000	4,597	34	0	16	0	0	
APR	0	7	7	0	0	.2	52,823	14,600	6,460	81	0	54	0	0	
MAY	0	0	19	.1	0	0	54,158	25,099	4,899	54	0	13	71	0	
JUN	28	0	7	0	0	61	50,976	24,916	5,391	61	33	20	0	0	
JUL	.2	43	7	76	0	18	56,374	18,143	6,192	0	2	0	0	0	
AUG	93	0	8	14	735	43	48,579	26,706	5,292	0	3	0	127	0	
SEP	58	20	0	27	849	0	65,134	32,630	6,391	0	0	0	211	0	
OCT	120	.2	1	34	1,489	197	66,054	29,652	6,688	2	0	.06	217	0	
NOV	112	60	0	37	2,175	219	82,282	25,754	5,701	247	58	53	178	0	
DEC	93	27	4	27	1,282	166	108,736	33,889	14,075	282	297	110	177	0	
1942															
JAN	71	104	60	2	6,146	20	182,912	43,598	21,560	323	603	129	58	2	
FEB	79	57	58	51	2,963	228	185,590	49,180	27,827	666	356	263	212	49	
MAR	110	318	23	58	3,592	453	306,171	65,676	44,775	1,443	591	402	0	125	
APR	0	181	48	31	6,127	71	417,248	74,404	57,993	2,451	1,120	465	0	203	
MAY	0	221	39	56	5,524	192	520,531	66,363	99,357	2,731	818	396	0	478	

	A N T I A I R C R A F T					A R T I L L E R Y									
	S H E L L					S H E L L									
	37MM	40MM	3"		90MM	SHOT 75MM GUN	HE 75MM GUN		HE 75MM HOW		HE 105MM HOW	HE 155MM GUN		HE 155MM HOW	
			NEW	RENO- VATED			NEW	RENO- VATED	NEW	RENO- VATED		NEW	RENO- VATED	NEW	RENO- VATED
1940															
JUL	0	0	0	0	0	0	0	75	0	0	0	0	15	0	65
AUG	0	0	0	0	0	0	0	78	0	0	0	0	16	0	69
SEP	0	0	25	0	0	0	0	125	81	0	0	0	41	0	19
OCT	0	0	0	0	0	0	0	165	36	0	0	0	24	0	20
NOV	0	0	12	0	0	0	0	181	41	0	0	0	28	0	28
DEC	0	0	16	0	0	0	0	129	20	0	0	0	32	0	35
1941															
JAN	0	0	12	0	0	0	0	207	15	0	0	0	4	0	30
FEB	0	0	0	0	0	0	0	283	0	0	22	0	0	0	18
MAR	0	0	1	0	0	0	0	253	5	0	35	0	0	0	19
APR	0	0	0	0	0	0	40	286	0	0	.2	0	20	0	19
MAY	22	0	3	0	0	0	48	71	10	20	2	0	27	0	57
JUN	0	0	0	0	0	0	9	78	0	5	3	0	27	0	55
JUL	0	0	0	108	0	0	0	69	22	6	0	0	16	0	42
AUG	329	0	3	0	2	0	0	39	0	6	0	0	15	0	24
SEP	156	0	19	42	2	0	0	96	13	7	0	0	15	0	1
OCT	183	0	30	12	5	0	.3	95	13	4	0	2	23	2	30
NOV	16	0	126	9	0	0	235	81	9	Com- plete	19	0	9	92	21
DEC	301	0	225	.4	188	0	294	79	0	Complete	272	0	Com- plete	89	23
1942															
JAN	1,075	0	205	0	231	2	260	72	346		546	20		186	15
FEB	910	108	147	0	97	336	327	44	10		463	46		310	20
MAR	383	150	226	6	0	227	473	Com- plete	641		810	55		319	9
APR	534	153	404	(A)	177	506	596	Com- plete	505		752	20		282	(A)
MAY	485	621	228	(A)	300	539	460		659		554	0		414	(A)

NOTE: ITEMS INCLUDE ARMY, NAVY AND INTERNATIONAL AID.

(A) NOT AVAILABLE.

TEXT SUMMARY - Q. M. BASIC ITEMS OF SUPPLY - JULY 2, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

Procurement

Deliveries for the first five months of 1942 on a majority of the items shown in the Monthly Status Report indicate satisfactory progress. However, this progress may be misleading, inasmuch as the deliveries are not being related to gross requirements, but are related to net requirements, that is, gross requirements less stocks on hand as of January 1, 1942.

When the production rate to date is related to that portion of the program that remains to be produced after the stocks on hand as of January 1, 1942 are subtracted from the total 1942 requirements, this rate will appear to be excellent. However, when this rate is related to 1942 gross requirements, it appears to be poor, and subsequently not capable of reaching the 1943 and 1944 total requirements which are much greater than those of 1942.

The table below lists certain items in which the relationship of 1942 deliveries to 1942 required production indicates little or no trouble in procurement, but whose rates of production must be sharply increased if the 1943 and 1944 objectives are to be met.

Item	Deliveries January 1 - May 31		
	Number	Percent of 1942 requirements	
		Net	Gross
Tanks, watering, M-1940	271	96	17
Jackets, HBT	3,266,579	61	29
Socks, cotton	6,751,917	70	15
Pockets, mag., dbl. web	37,500	1,068	1
Ambulance, 1 $\frac{1}{2}$ -ton, 4x2	105	263	31
Trucks, 2 $\frac{1}{2}$ -ton, 6x6, SWB, w/w	3,590	104	30

Cold Climate Clothing

The selected items of Cold Climate Clothing shown in a diagram on a subsequent page are representative of the entire group of Arctic Clothing. Of this entire group, 37 percent of the items have cumulative deliveries of less than 20 percent of the 1942 requirements. The diagram indicates that the majority of the items did not have sufficient units under contract. Actually 43 percent of the items of this group have only 50 percent or less of their 1942 requirements contracted.

The reason for the existence of this condition is largely due to a revision in specifications as requested by the field. The revisions have been made, and the awarding of contracts is now under process. This should be completed within the next two weeks.

TABULAR SUMMARY - STATUS OF SELECTED Q.M. ITEMS ON ARMY SUPPLY PROGRAM - JUNE 23, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

Item	Author- ized as	Under contract as	Req'd prior 1942	Accepted				Estimated			
				Jan 1- Jun 23	Mar	Apr	May	Jun 1-23	Jun	Jul	Aug
CLOTHING											
*Belt, web, waist	8,786	8,786	5,599	4,260,250	825,000	539,000	822,500	758,750	2,926,600	900,000	1,000,000
*Boots, rubber, knee	184	184	291	185,000	22,942	52,607	20,286	875	0	0	0
Coat, wool, serge	7,926	7,926	6,777	2,640,484	473,464	575,030	554,847	313,128	1,264,572	600,000	900,000
*Drawers, cotton	37,423	37,423	1,486	12,534,476	1,292,388	2,071,942	3,110,748	1,999,286	4,763,924	3,522,000	2,000,000
Gloves, wool	9,611	9,611	7,476	3,184,781	582,041	489,318	617,465	499,764	597,475	618,052	966,200
Jacket, field	12,489	11,867	8,647	2,658,477	355,893	547,701	549,750	482,887	1,197,350	1,572,800	1,884,200
Jacket, HBT	12,900	11,476	5,333	3,974,915	492,009	819,596	889,537	708,336	1,460,013	1,181,768	660,000
Leggings, canvas, dmttd.	31,360	26,593	8,826	2,620,549	490,507	489,626	537,762	298,028	1,144,552	1,674,000	2,725,000
Liner, helmet, steel	10,807	10,807	7,381	1,018,983	400,076	154,084	60,250	36,999	750,000	1,000,000	1,800,000
Overcoat, wool, o.d.	6,171	6,171	3,367	2,138,778	412,303	455,601	355,728	305,291	578,552	190,000	430,000
*Raincoat, mtd. & dmttd.	8,654	8,654	4,968	1,559,612	299,766	303,946	174,574	160,697	494,049	999,300	1,132,100
*Shirt, cotton	22,791	17,030	5,026	8,360,228	1,399,487	1,615,387	1,883,156	1,098,850	2,971,076	1,043,491	1,341,595
Shirt, flannel	17,028	17,028	9,991	5,382,452	772,277	925,917	984,549	1,051,537	1,995,684	1,500,000	1,000,000
*Shoes, service (I. low)	28,239	23,396	11,804	15,121,274	3,038,005	2,939,090	3,206,294	2,236,766	1,820,992	1,851,258	2,850,000
*Socks, cotton	26,894	26,894	7,399	5,404,464	1,221,858	248,312	197,111	188,919	657,041	2,270,000	3,084,455
Suit, one-piece, HBT	6,463	6,463	3,508	2,271,108	363,687	450,869	568,816	382,041	1,703,591	500,000	1,100,000
*Trousers, cotton, khaki	31,913	21,626	12,868	5,687,362	782,162	840,909	1,279,351	1,260,173	1,937,211	2,475,380	2,766,320
Trousers, HBT	11,175	11,175	4,061	5,759,325	767,009	870,185	984,286	2,032,564	1,184,706	697,249	299,000
Trousers, wool, o.d.	17,910	14,837	12,773	4,675,684	808,190	874,802	606,339	966,519	725,676	313,720	841,930
*Undershirt, cotton	41,468	41,468	4,148	14,547,928	1,239,312	1,282,188	1,427,948	3,027,255	3,413,897	1,976,316	4,374,563
EQUIPAGE											
Bag, barrack	17,753	17,753	8,963	4,025,553	383,573	786,130	1,045,343	1,120,180	1,087,495	1,920,287	3,093,834
Bag, canvas, w. ster.	130	130	38	48,554	9,784	2,616	10,384	9,712	12,000	18,542	853,000
*Bar, mosquito	12,443	6,072	5,830	1,048,676	130,209	227,070	318,659	249,321	200,000	643,750	1,157,250
Belt, cartridge, dmttd.	4,366	4,366	1,583	1,175,570	133,520	220,350	314,020	174,260	468,000	324,496	853,000
Belt, pistol	1,864	1,864	2,413	1,638,627	392,379	353,209	368,957	238,783	636,680	730,120	1,000,000
Blanket, wool, o.d.	17,989	17,989	9,278	4,871,335	729,805	769,459	963,879	901,330	578,842	494,175	1,399,847
Can, meat	8,926	6,095	5,037	3,478,628	977,586	466,688	579,780	427,724	1,000,000	1,100,000	1,030,000
Canteen, M-1910	9,733	4,123	3,852	2,075,750	359,475	234,200	462,800	343,375	580,000	550,000	325,000
*Carrier, pack	5,301	5,301	2,534	1,248,727	218,600	276,400	467,400	164,900	400,827	774,600	955,000
Comforter, cotton-filled	9,143	9,143	4,104	2,522,518	359,159	475,442	558,336	702,670	875,495	1,080,900	1,174,280
*Haversack	6,856	6,856	2,452	1,465,369	152,242	218,018	254,509	301,165	400,000	591,316	365,500
*Headnet, mosquito	5,331	3,908	1,641	826,613	197,035	302,594	184,116	118,375	50,004	331,480	200,000
Pouches, first aid	9,890	9,890	5,628	3,436,803	334,375	475,175	588,336	862,021	744,000	1,608,500	1,695,138
Roll, bedding, w. proofed	552	552	168	69,950	16,940	15,488	4,172	14,950	26,000	25,000	45,000
Sling, carrying, mg.	114	114	183	81,416	0	12,900	30,200	21,600	5,000	14,000	0
Suspender, belt	2,453	2,453	2,813	1,618,440	373,340	416,500	289,900	360,700	101,000	240,000	180,000
*Tent, pyramidal	2,052	2,052	503	215,878	34,478	44,827	72,877	61,494	79,513	120,000	200,000
*Tent, shelter-half	13,921	12,834	5,048	1,446,454	207,660	225,134	190,335	311,956	255,000	345,000	700,000
GENERAL SUPPLIES											
Can, galvanized, 10-gal.	106	40	172	25,415	0	0	14,742	4,000	6,000	3,500	0
Can, galvanized, 32-gal.	216	57	436	24,850	4,531	7,325	2,196	7,608	5,000	7,000	10,000
*Container, water, 5-gal.	2,978	2,978	1,245	80,120	1,580	5,030	26,666	20,612	35,000	80,000	120,000
Lantern, gasoline	34	34	169	12,906	2,461	494	51	1,500	933	4,600	14,454
*Range, field	27	27	28	2,420	189	0	850	46	300	2,490	7,209
Scabbard, rifle	117	117	355	66,410	1,553	0	9,201	55,656	10,000	18,000	43,895
Stove, tent	483	483	580	469,034	162,128	70,778	56,084	31,040	100,000	101,200	0
MOTOR VEHICLES											
Ambulances	13	12	8	1,316	38	431	180	173	1,216	1,900	1,520
Passenger Cars	11	10	5	10,435	4,549	64	5	3	complete	4,619	4,619
Motorcycles	90	86	43	15,392	2,434	397	3,512	3,607	4,600	4,619	16,700
Trucks, 1/4-ton	201	196	131	77,887	16,412	17,568	15,405	14,789	20,542	16,700	7,720
Trucks, 1/2 & 3/4-ton	93	83	56	27,478	6,979	3,632	3,679	3,260	5,517	8,970	7,720
Trucks, 1-1/2-ton	197	156	177	79,031	18,505	15,509	8,748	12,068	14,889	22,956	16,638
Trucks, 2-1/2-ton	384	351	217	68,579	11,473	14,153	13,637	12,169	17,707	28,052	22,086
Trucks, 4 & 5-ton	34	25	9	3,725	562	516	819	517	1,112	1,410	1,690
Trucks, 6-ton & over	24	23	19	3,281	367	569	830	455	1,295	2,124	2,195
Semi-trailers	13	10	11	2,866	149	556	990	895	877	914	862
Trailers	82	69	50	22,885	2,546	4,369	8,193	7,979	12,142	10,829	10,829

* Figures include procurement for International Air and Navy.
** Quantity delivered prior to January 1, 1942 has been excluded.

Q.M. PROCUREMENT - PROGRESS TOWARD 1942 PRODUCTION - JUNE 23, 1942

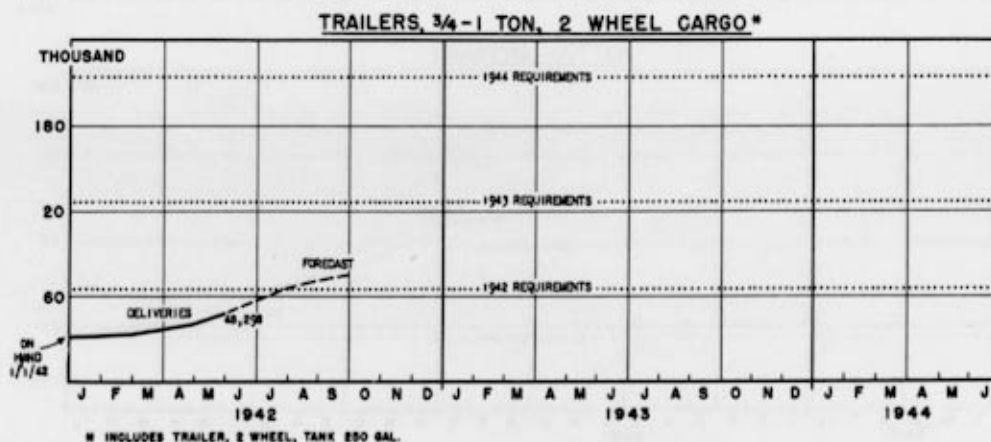
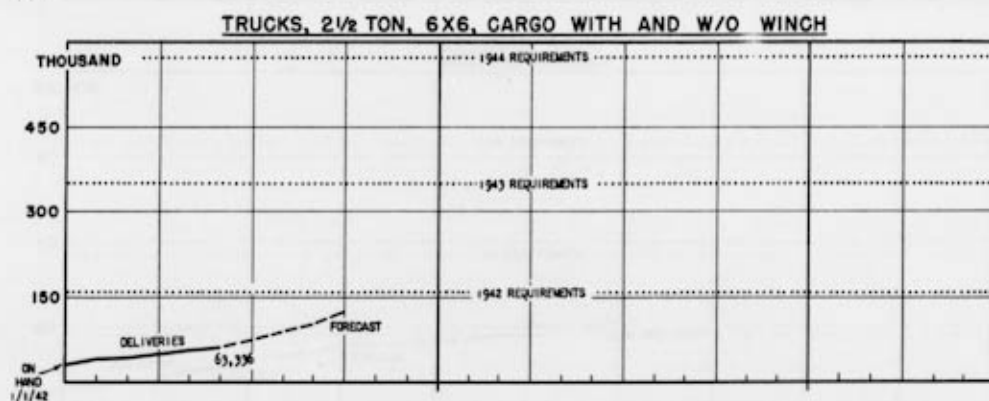
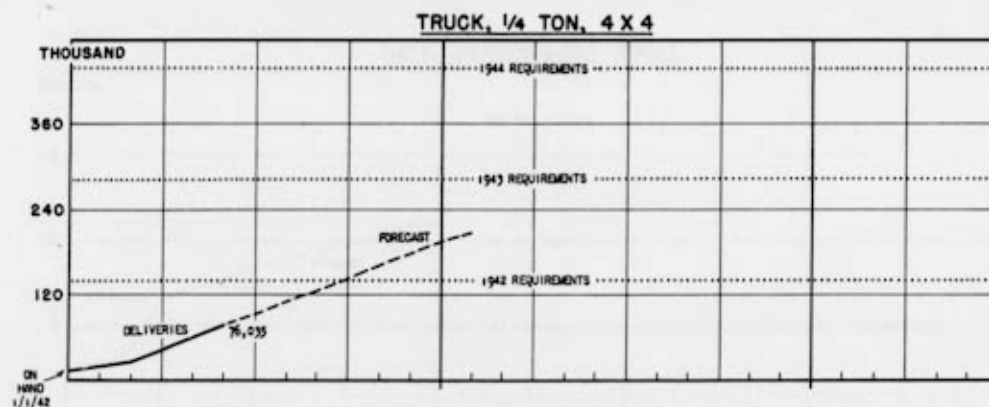
Source of Information: Statistics Branch, Office of the Quartermaster General

Item	Required production 1942	Delivered Jan 1 to Jun 23	Percent of 1942 required production
			\$ 0 20 40 60 80 100
CLOTHING			
*Belt, web, waist	5,599,123	4,260,250	76
*Boots, rubber, knee	291,321	185,000	64
Coats, wool, serge	6,777,492	2,640,494	39
*Drawers, cotton	1,485,927	12,534,476	844
Gloves, wool	7,476,434	3,184,781	43
Jacket, field	8,647,220	2,658,477	31
Jacket, HBT	5,333,120	3,974,915	75
Leggings, canvas, dismd.	8,826,114	2,620,549	30
Liners, helmet, steel	7,380,746	1,018,983	14
Overcoat, wool, o.d.	3,367,096	2,138,778	64
*Raincoat, mtd. & dismd.	4,967,586	1,559,612	31
*Shirt, cotton, khaki	5,025,897	8,360,228	166
Shirt, flannel	9,991,436	5,382,452	54
*Shoes, service (1. low)	11,803,907	15,121,274	128
*Socks, cotton	7,399,124	5,404,464	73
Suits, one-piece, HBT	3,507,897	2,271,108	65
*Trousers, cotton, khaki	12,887,610	5,687,362	44
Trousers, HBT	4,061,066	5,759,325	142
Trousers, wool, o.d.	12,772,593	4,675,684	37
*Undershirts, cotton	4,148,055	14,547,928	351
EQUIPAGE			
Bag, barrack	8,963,421	4,025,553	45
Bag, canvas, w/ster.	38,330	48,554	127
*Bar, mosquito	5,829,836	1,048,676	18
Belt, cartridge, dismd.	1,582,637	1,175,570	74
Belt, pistol	2,412,793	1,638,827	68
Blanket, wool, o.d.	9,278,455	4,871,335	53
Can, meat	5,036,641	3,478,628	69
Canteen, M-1910	3,851,808	2,075,750	54
*Carrier, pack	2,533,583	1,248,727	49
Comforter, cotton-filled	4,104,453	2,522,518	61
*Haversack	2,452,047	1,465,369	60
*Headnet, mosquito	1,640,676	826,613	50
Pouche, first aid	5,627,912	3,436,803	61
Roll, bedding, w. proofed	168,199	69,950	42
Sling, carrying, mg.	182,711	81,416	45
Suspender, belt	2,812,668	1,618,440	58
*Tent, pyramidal	502,501	215,878	43
*Tent, shelter-half	5,047,796	1,466,454	29
GENERAL SUPPLIES			
Can, galvanized, 10-gallon	172,224	25,415	15
Can, galvanized, 32-gallon	436,490	24,850	6
*Container, water, 5-gallon	1,244,776	80,120	6
Lantern, gasoline	168,855	12,906	8
*Range, field	27,757	2,420	9
Scabbard, rifle	354,851	66,410	19
Stove, tent	579,813	469,034	81
MOTOR VEHICLES			
Ambulances	8,494	1,316	15
Passenger Cars	4,908	10,435	213
Motorcycles	42,861	15,392	36
Trucks, 1/4-ton	131,369	77,887	59
Trucks, 1/2 & 3/4-ton	56,036	27,478	49
Trucks, 1-1/2-ton	176,981	79,031	45
Trucks, 2-1/2-ton	216,985	68,579	33
Trucks, 4 & 5-ton	9,309	3,725	40
Trucks, 6-ton & over	18,503	3,281	18
Semi-trailers	11,441	2,866	25
Trailers	49,943	22,885	46

* International Aid and Navy deliveries included.

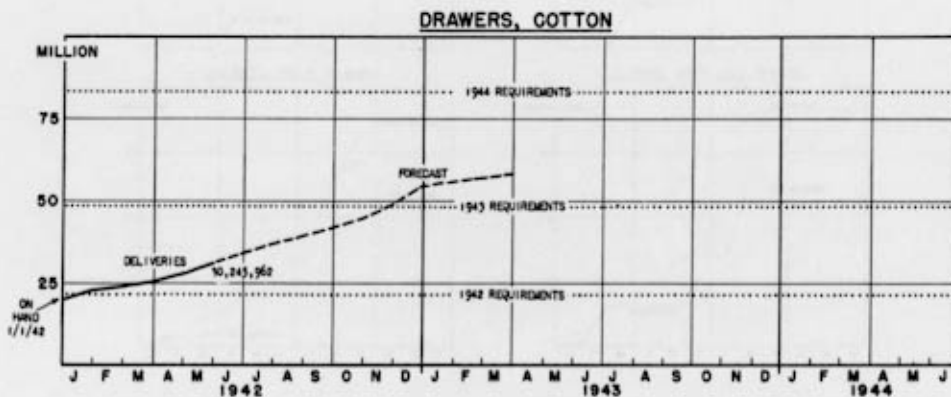
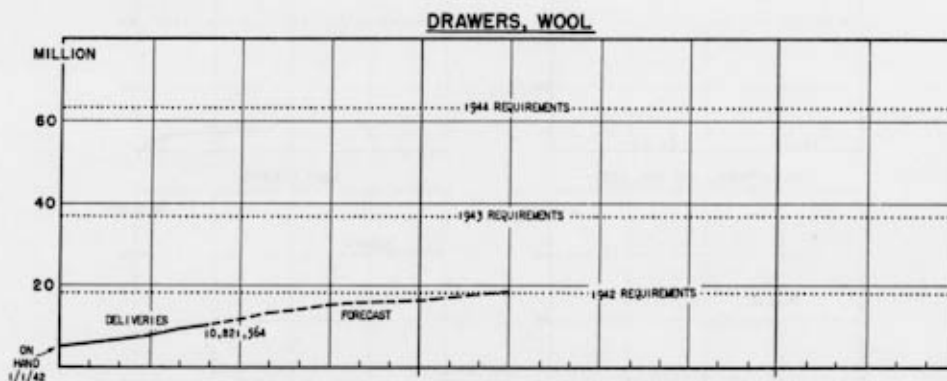
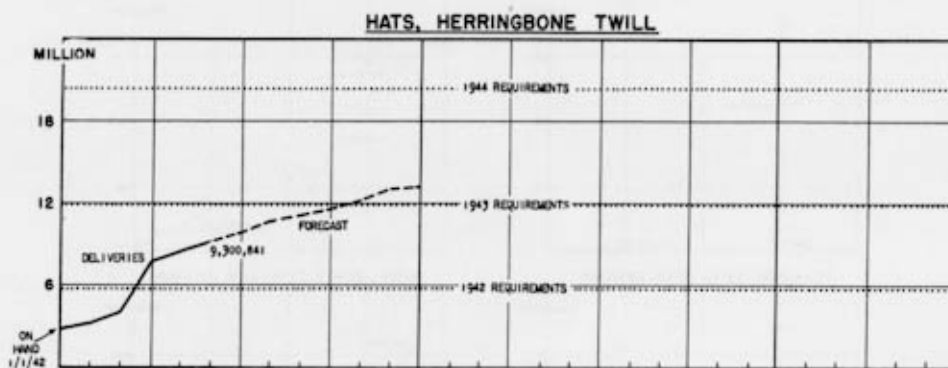
Q. M. PROCUREMENT STATUS OF SELECTED ITEMS OF MOTOR VEHICLES - MAY 31, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General



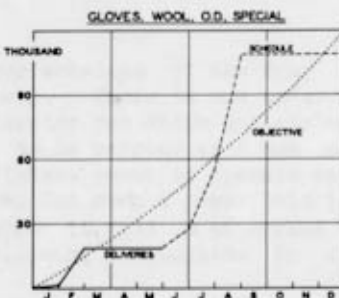
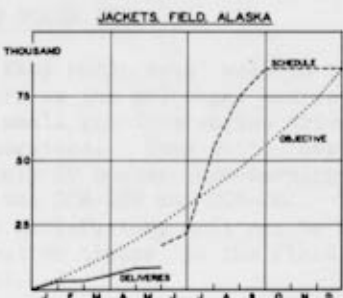
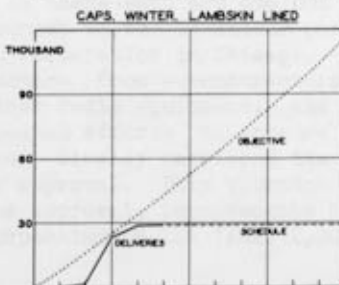
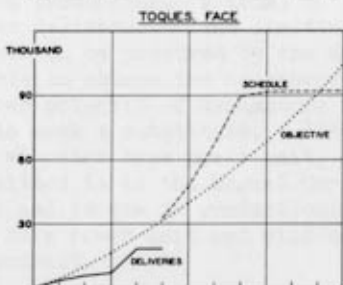
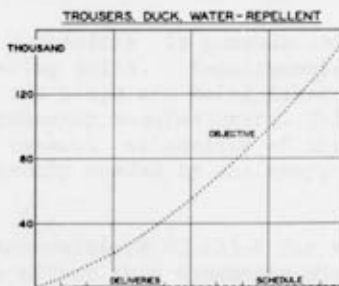
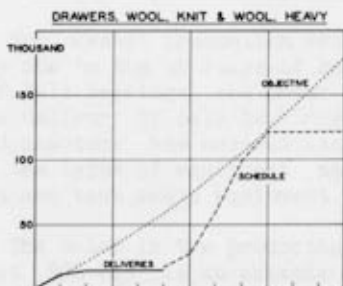
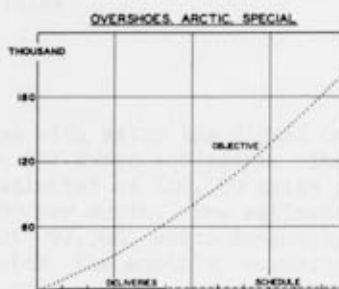
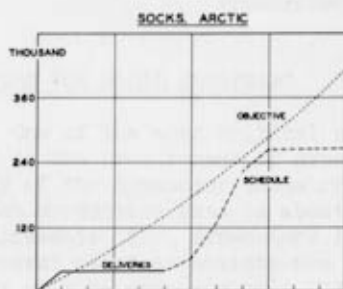
Q.M. PROCUREMENT STATUS OF SELECTED ITEMS OF CLOTHING - MAY 31, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General



Q. M. SELECTED ITEMS OF COLD CLIMATE CLOTHING - MAY 31, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JULY 2, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch
Procurement Division

DYNAMOTORS FOR RADIO EQUIPMENT

One of the most critical problems with which the Signal Corps must contend is the procurement of dynamotors for radio equipment. The present capacity of the dynamotor industry is estimated at 110,000 units per month while the production rate is about 70,000 per month. The estimated monthly requirements for dynamotors is about 92,000 units including spares. When present plant expansions are completed the monthly capacity of the industry will be approximately 173,000 units.

The present production rate of dynamotors is considerably below capacity due to the shortage of ball bearing units. Requirements for all types of ball bearings are under study and steps are being taken to expedite the delivery of ball bearings to dynamotor manufacturers. This shortage of dynamotors has necessitated the careful allocation of the production to the types of equipment most urgently needed by the Army, namely, aircraft and tank radio equipment.

The delay in the production of transmitters BC-223-A for vehicular Radio Set SCR-245 is an example of the effect this dynamotor shortage is having on production. A total of 4,000 of these sets are due but only 600 have been delivered. The limiting component is the dynamotor power units which were to be procured by the Rauland Corporation in Chicago. Rauland was unable to obtain the necessary dynamotors from subcontractors due to the higher priority of dynamotors for other radio equipment, and has been forced to seek a substitute. After repeated efforts to procure a satisfactory vibrator type power unit, Rauland finally developed its own unit and submitted it to the Signal Corps for approval. This vibrator unit was approved and is now in production. Since approval, improvements have been made in this power unit and will be incorporated in the final 2,000 units under contract.

PORTABLE POWER UNIT

Many radio sets used in the lower echelons of the Army use hand generators as the principal source of power. There is now under development a small gasoline engine driven generator set which may replace these hand generators. This unit, designed to be carried as a one man load, weighs only 40 pounds and develops sufficient power to operate radio sets such as the SCR-288 and SCR-284. The need for such a power unit is great, and if a satisfactory unit can be developed it will be of marked value to communication troops in the field by allowing a reduction in operating personnel.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 22, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Jan 1- Jun 22	Accepted				Estimated		
					Mar	Apr	May	Jun 1-22	Jun	Jul	Aug
AIRCRAFT RADIO COMM. EQUIP.											
Frequency Meter SCR-211	81,662	80,412	51,432	8,365	1,094	2,684	2,056	1,602	2,500	3,000	3,500
Interphone Equipment											
RC-27	36,073	36,073	26,634	6,452	100	1,266	2,269	1,677	2,000	2,000	2,000
RC-34	3,840	3,840	3,840	0	0	0	0	0	300	300	300
RC-36	69,981	69,981	43,456	6,643	0	1,608	2,318	1,836	2,000	2,100	3,100
RC-45	5,183	5,183	2,897	698	0	213	37	448	150	190	350
RC-73	21,496	21,156	15,179	0	0	0	0	0	0	500	2,500
Command Radio											
SCR-183	41,987	41,987	29,883	5,993	482	2,153	1,059	1,476	1,540	2,500	2,500
SCR-274	160,289	112,736	96,131	10,688	1,050	1,738	2,742	2,300	2,700	3,200	3,700
SCR-283	8,522	8,522	4,870	2,221	481	415	618	57	800	800	800
SCR-322	66,459	37,094	33,915	1,191	0	501	510	180	2,689	3,400	4,000
Liaison Radio											
SCR-187	4,123	4,123	2,458	506	1	121	157	20	400	400	300
SCR-287	63,582	62,832	38,895	3,743	744	1,034	983	670	800	800	800
Sea Rescue Radio											
SCR-578	81,784	40,910	32,925	943	0	0	369	574	1,000	3,231	6,000
Test Set L-77	4,437	4,437	3,025	3,843	475	1,103	0	1,950	1,250	1,294	0
AIRCRAFT RADIO NAV. EQUIP.											
Contacting Equipment RC-96	59,698	59,698	46,384	16,050	1,712	5,485	4,862	1,510	4,000	4,000	4,000
Filter Equipment RC-32	270,703	139,888	183,220	29,802	4,100	11,877	2,000	4,085	5,000	10,000	12,000
Localizer Receiver RC-103	35,560	30,000	47,820	0	0	0	0	0	0	0	2,500
Marker Beacon Equipment											
RC-39	4,579	4,479	2,775	2,704	227	331	899	1,093	700	700	700
RC-43	67,338	63,790	39,124	21,473	2,272	7,026	7,190	2,721	7,000	7,000	7,000
Radio Compass SCR-269	74,254	73,916	42,895	6,474	1,408	455	632	1,954	3,153	3,500	4,000
Absolute Altimeter											
SCR-518, SCR-618	40,342	22,995	17,600	35	0	0	0	35	10	65	250
WIRE COMMUNICATION EQUIP.											
Reel Cart RL-18	8,400	8,400	442	35	0	0	35	0	200	500	1,000
Reel Equipment CE-11	35,669	35,669	26,777	21,562	0	12,451	4,149	4,962	5,000	5,000	5,000
Reel Unit RL-31	9,156	9,156	11,685	1,430	187	0	0	560	2,000	2,000	2,000
Switchboard											
BD-71	3,514	3,514	2,327	951	0	0	371	298	200	200	200
BD-72	4,730	4,730	6,470	1,756	126	250	113	167	100	200	200
BD-74-H	166	166	112	49	8	31	0	0	36	16	16
BD-91	865	0	865	Recently placed under procurement.							
Telegraph Central Office											
Set TC-3	498	498	374	0	0	0	0	0	10	25	50
Telegraph Printer EE-97	1,894	1,894	2,564	270	0	0	248	22	200	200	500
Telegraph Set TC-5	12,441	12,441	9,013	3,309	1,134	526	1,122	136	500	500	1,000
Telephone EE-8-A	284,307	199,557	135,876	40,140	200	1,810	5,796	6,286	10,000	25,000	25,000
Telephone Central Office											
Set TC-1	111	111	103	61	0	10	0	0	10	10	10
Set TC-2	198	198	150	50	13	0	0	0	10	20	20
Set TC-4	645	645	1,378	0	0	0	0	0	0	10	20
Test Set EE-65	6,064	6,064	3,371	902	0	0	0	0	100	200	500
Wire W-110 (Thou miles)	926	900	367	314	17	66	115	38	83	88	88
Wire W-130 (miles)	113,899	100,399	60,218	30,507	1,818	7,131	11,040	4,411	10,000	10,000	20,000

* Quantity delivered prior to January 1, 1942, has been excluded.
 Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 22, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 22	Mar	Apr	May	Jun 1-22	Jun	Jul	Aug
<u>GROUND RADIO COMMUNICATION-</u>											
<u>RADIO SETS</u>											
Ground-Air Liaison and Army, Corps & Division Communication											
SCR-177	1,565	1,565	1,434	512	98	2	60	0	68	170	200
SCR-178	1,812	1,812	2,447	420	74	344	0	0	100	200	300
SCR-188	2,652	2,652	2,407	67	0	0	40	0	150	300	400
SCR-197	160	160		51	0	0	0	0	50	59	0
SCR-299	2,317	1,817	2,546	250	0	104	146	0	200	200	250
Intra-Regiment Communication											
SCR-284	19,681	19,681		560	0	0	0	360	25	250	500
SCR-288	1,539	1,539	17,912	953	54	189	475	146	732	0	0
SCR-543	1,581	1,581	2,127	4	0	0	0	4	100	250	250
Radio Intelligence, S. C.											
SCR-206	313	313	338	131	28	26	5	0	0	50	50
SCR-243	104	104	98	46	0	22	24	0	25	25	8
SCR-244	372	372	360	0	0	0	0	0	60	100	100
SCR-255	148	148	152	79	10	24	16	23	30	40	22
Short Range Portable											
SCR-194	6,897	6,890	2,657	4,880	118	820	450	170	393	208	800
SCR-195	2,514	1,514	1,999	1,324	72	124	0	0	80	110	110
SCR-509	1,582	1,582	596	1,582	125	1,315	142	0	0	0	0
SCR-536	13,433	13,433	14,510	8,163	173	507	3,301	1,718	2,000	2,000	2,000
SCR-609	897	897	856	789	0	0	107	682	300	330	160
Animal Pack, Cavalry Field Artillery											
SCR-179	126	126	120	0	0	0	0	0	0	6	50
SCR-203	96	96	0	96	0	0	0	21	21	0	0
Short Range Vehicular Field Artillery											
SCR-608	10,053	10,053	6,197	0	0	0	0	0	200	500	1,160
SCR-610	24,288	24,288	19,248	2,659	0	0	462	1,929	1,000	5,000	5,000
SCR-628	2,374	2,374	2,067	0	0	0	0	0	166	366	580
Cavalry, Lightweight SCR-511	4,416	4,416	3,869	0	0	0	0	0	50	500	1,000
Vehicular and Tank- Armored Force											
SCR-193 AM Type	6,562	6,562	600	76	0	0	0	0	300	300	300
SCR-245 AM Type	6,592	6,592	2,013	1,787	270	127	294	542	500	600	600
SCR-293 FM Type	872	872		512	151	61	68	72	75	75	100
SCR-508 FM Type III	16,433	16,433	3,799	597	0	578	0	0	500	1,333	1,600
SCR-294 FM Type	786	786		709	0	72	187	226	150	153	0
SCR-538 FM Type III	67,773	67,773	19,664	2,304	312	642	1,304	0	1,000	2,267	5,900
SCR-506 AM Type II	13,500	13,500	4,753	Production starts in September, 1942.							
SCR-510 FM Type IV	6,254	6,254	7,172	3,940	917	1,000	1,570	455	1,000	1,000	787
SCR-528 FM Type III	50,504	50,504	12,629	1,747	339	981	384	0	1,233	2,667	2,000
<u>GROUND-AIR NAVIGATIONAL AID</u>											
Control Net System SCS-2	20	20	20	2	0	0	1	1	10	8	1
Control Net System SCS-3	120	120	53	0	0	0	0	0	0	1	7
Homing Device SCR-277	145	145	28	Production starts in October, 1942.							

* Quantity delivered prior to January 1, 1942 has been excluded.
 Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM - JUNE 22, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch, Procurement Division

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 22	Mar	Apr	May	Jun 1-22	Jun	Jul	Aug
GROUND RADIO DETECTION EQUIPMENT											
Aircraft Warning											
SCR-268	4,736	4,736	1,797	194	50	46	7	25	90	150	150
SCR-270	435	434	278	54	14	18	10	10	17	31	47
SCR-271	124	58	70	28	5	5	18	0	10	5	5
SCR-527	581	400	16	Production starts in November, 1942.							
SCR-588	204	204	204	11	4	1	3	3	3	9	16
Antiaircraft											
SCR-545	275	275	606	{ New development; Production starts in 1943. Production starts in January, 1943.							
SCR-584	2,750	2,750									
Gun Laying, Fixed Station											
SCR-296	176	175	218	1	0	1	0	0	0	0	18
Identification											
SCR-533	2,025	881	40	31	9	0	7	13	45	60	80
Range Finder											
SCR-547	812	812	812	0	0	0	0	0	0	5	30
AIR-BORNE RADIO DETECTION AND RECOGNITION EQUIPMENT											
SCR-515 US-1FF	19,691	19,691	19,536	352	71	7	257	0	1,000	2,000	5,000
SCR-517 ASV-10	3,165	2,665	500	15	0	0	8	7	70	100	22
SCR-520 AI-10	2,271	2,265	950	4	0	0	4	0	0	30	95
SCR-521 US-ASV, MK II	7,255	7,249	7,114	705	4	295	211	130	550	650	650
SCR-540 BR.-AI, MK IV	586	586	400	71	0	5	59	7	60	80	100
SCR-535 BR.-1FF, MK II	16,710	16,710	15,000	4,045	184	768	935	2,230	4,000	4,000	4,000
SCR-595 US-1FF, MK III	18,500	18,500	18,500	0	0	0	0	0	50	1,500	2,500
SCR-695 US-1FF, MK III-G	18,000	18,000	18,000	0	0	0	0	0	0	1,000	2,500
ACCESSORY EQUIPMENT-GROUND											
Charging Set SCR-169	3,466	3,466	2,525	0	0	0	0	0	10	100	500
Chest BC-5	32,959	32,959	12,183	1,394	0	181	229	0	500	500	1,000
Loudspeaker LS-3	26,506	26,506	16,688	5,160	0	40	0	5,120	0	3,000	5,000
Maintenance Equip. ME-15	1,014	1,014	1,014	0	0	0	0	0	100	400	514
Power Unit PE-75	2,304	2,304	1,275	40	0	0	40	0	100	400	800
(Radio) Receiver RC-342	1,213	1,213	25	743	15	299	169	0	270	200	0
Test Set I-56	6,867	4,992	6,768	598	126	23	0	0	0	0	200
MISCELLANEOUS SIGNAL EQUIP.											
Converter M-209	51,929	51,929	46,513	0	0	0	0	0	100	500	1,000
Converter M-222	865	0	988	Recently placed under procurement.							
Flash Ranging Set GR-4	24	24	31	12	0	0	12	0	5	5	2
Photographic Set PH-261	101	101	51	0	0	0	0	0	0	50	0
Signal Lamp Equip. EE-84	1,735	1,735	1,361	559	118	0	129	0	100	200	200
Sound Ranging Set GR-3	86	86	78	25	6	5	9	5	5	5	5
Theodolite MI-47	431	431	46	11	0	11	0	0	25	25	25
Time Interval Apparatus											
EE-85	155	155	127	0	0	0	0	0	25	25	30
EE-86	102	0	112	0	0	0	0	0	5	10	10
Meteorological Obsn. Set											
SCM-14	0	0	150	Recently standardized.							
SCM-15	0	0	150	Recently standardized.							
SCM-16	0	0	150	Recently standardized.							

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.

SIGNAL CORPS - PROCUREMENT PROGRESS - SELECTED ITEMS - CAVALRY DIVISION
JUNE 22, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Branch,
 Procurement Division

Item	1942 Req'd production	Deliveries Jan 1 - Jun 22							
		Number	Percent of req'd prod.						
			%	0	20	40	60	80	100
Reel Unit RL-26	274	1,169	427						
Radio Set SCR-194	2,657	4,880	184						
Radio Set SCR-609	856	789	92						
Radio Set SCR-245	2,013	1,787	89						
Signal Lamp Equip. EE-84	1,361	559	41						
Telegraph Set TG-5	9,013	3,309	37						
Radio Set SCR-178	2,447	420	17						
Radio Set SCR-610	19,248	2,659	14						
Radio Set SCR-299, SCR-197	2,346	301	13						
Radio Set SCR-193	600	76	13						
Reel Unit RL-31	11,685	1,450	12						
Radio Set SCR-284, SCR-288	17,912	1,313	7						
Test Set I-56	8,768	598	7						
Radio Set SCR-608	6,197	0	0						
Radio Set SCR-511	3,869	0	0						
Radio Set SCR-628	2,067	0	0						
Telephone Central Office Set TC-4	1,378	0	0						

TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 24, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

GENERAL

Searchlight procurement is the largest single Engineer procurement item both in dollars and in importance. The May 29, 1942 issue of Section I of the Army Supply Program includes a reduction of 4,470 in requirements for Searchlight 60" AA. Of this reduction, all of which is in Defense Aid Requirements, the 1943 program is reduced 2,980 and the requirements beyond 1943 to complete the program are reduced 1,490. To conform with these reductions in requirements, current authorizations have been reduced 2,980 which equals the 1943 program reduction. June deliveries to date are 135 or 25 short of the estimated June schedule.

Data on deliveries are available on 38 of the 41 selected items shown in the tabular summary on the two following pages and of these 38 items 19 showed deliveries for the period June 18-24.

Initial 1942 deliveries against Troop Equipment requirements are reported for Ponton Bridge, 10-ton, and Float, pneumatic.

For the period June 1-24, completed June schedules are reported on 5 of the items tabulated on the two following pages. Of these, Stereoscope, magnifying mirror, with binoculars, showed June 1-24 receipts of 481, or 641% of the June schedule of 75. Deliveries on this item to date are 1,019 behind schedule for the first half of 1942.

CONTRACT STATUS

BOAT, HALF WITH 7 PADDLES - Although the total 1942 objective is 12,927, no deliveries are reported for 1942 to date, although 150 are scheduled for production by the end of June. Present priority rating A-1-i is retarding production of this item and a request has been made for a higher rating from the requirements shown in the April 6, 1942 issue.

BOAT, RECONNAISSANCE, PNEUMATIC - To date no deliveries have been reported to meet existing contracts of 680. There are no June deliveries although 100 are on schedule. Manufacture of this item is held in abeyance because of immediate need for Floats, pneumatic, 6-ton.

SEMI-TRAILER, 1500 GAL WATER - This item is behind schedule. There are 255 under contract and only 1 has been delivered. Production has been delayed due to shortages of springs and axles and an attempt is being made to expedite these shortages. The schedule is now fully developed and 22 are scheduled for this month.

TRAILER (FOR MEDIUM TRACTOR) - Production is delayed due to shortage of axles. It is estimated that 72 will be delivered this month and 200 per month thereafter. Of a total of 1,620 under contract only 24 have been delivered thus far in 1942.

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
JUNE 24, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

Item	Author- ized	Under con- tract	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 24	Mar	Apr	May	Jun 1-24	Jun	Jul	Aug
Angledoser, tractor, med.	Troop Equipment (b) Theater of Oper. (b) Int. Aid (b)	(b) (b) (b)	653 (a) 315	(b) (b) (b)	(b) (b) (b)	(b) (b) (b)	(b) (b) (b)	(b) (b) (b)	(b) (b) (b)	(b) (b) (b)	(b) (b) (b)
Auger, earth, motorized	Troop Equipment 33 Int. Aid 12	33 12	0 0	33 6	8 0	7 0	8 0	5 0	0 0	0 0	0 0
Balloon, Barrage	Troop Equipment 5,143	5,143	(b)	236	(b)	(b)	236	(b)	(b)	(b)	(b)
Boat, half, w/7 paddles	Troop Equipment 4,205 Int. Aid 1,800 Others 6,922	4,205 1,800 6,922	3,383 2,000 (a)	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	150 0 0	300 0 0	300 0 550
Boat, power, with trailer	Troop Equipment 279 Theater of Oper. 70 Int. Aid 100	279 70 100	143 (a) 100	59 52 0	23 0 0	36 4 0	0 14 0	0 34 0	10 20 0	5 18 25	25 0 25
Boat, reconnaissance	Troop Equipment 230 Int. Aid 180 Others 270	230 180 270	2,190 0 (a)	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	100 0 0	30 0 0	0 0 0
Bridge, steel, port., H-10	Troop Equipment 38 Theater of Oper. 32 Int. Aid 3	38 32 3	27 (a) 15	20 0 3	0 0 0	0 0 0	0 0 0	0 0 0	6 0 0	(c) 0 0	(c) 0 0
Bridge, steel, port., H-20	Troop Equipment 57 Theater of Oper. 16	57 16	0 (a)	49 0	17 0	9 0	10 0	0 0	10 (c)	5 (c)	0 (c)
Bridge, steel, trestle	Troop Equipment 19 Int. Aid 5	19 5	17 5	3 0	2 0	0 0	0 0	0 0	10 (b)	4 (b)	0 (b)
Camera, copying, motorized	Troop Equipment 8 Theater of Oper. 11	8 11	10 (a)	84 0	0 0	84 0	0 0	0 0	0 4	0 0	0 4
Compass, lensatic, (thou)	Troop Equipment 128 Others 13	128 13	53 (a)	78 0	17 0	5 0	21 0	21 0	15 0	15 0	15 0
Compressor, air, motorized	Troop Equipment 1,192 Theater of Oper. 200 Int. Aid 389 Others 1	1,192 200 389 1	529 (a) 149 (a)	0 40 49 1	0 0 49 0	0 0 0 0	0 0 0 1	0 40 0 0	60 80 0 0	150 0 0 0	160 0 0 0
Crane, truck, mounted	Troop Equipment 125 Theater of Oper. 145 Int. Aid 106	125 145 106	75 (a) 9	49 18 6	5 0 0	6 0 0	16 8 0	0 10 0	0 25 0	0 25 0	0 25 0
Duplicating equip. 18"x18"	Troop Equipment 986	986	625	555	0	0	555	0	0	0	0
Electric lig. equip., JNYA	Troop Equipment 1,763 Theater of Oper. 50 Others 5	900 50 5	1,014 (a) (a)	381 50 5	0 50 0	126 0 0	196 0 5	59 0 0	120 0 0	120 0 0	120 0 0
Electric lig. equip., SNW	Troop Equipment 917 Theater of Oper. 1,394 Int. Aid 232 Others 69	447 1,394 232 69	251 (a) 100 (a)	109 464 163 69	0 150 0 0	0 65 0 0	0 180 27 0	0 71 0 0	32 220 0 0	61 229 0 0	122 200 0 0
Explosive, amm. nitr. (tons)	Troop Equipment 1,905	700	1,680	50e	3	45	2	(b)	70	80	80
Explosive, TNT (tons)	Troop Equipment 7,500	2,250	4,299	1,088e	247	235	240	(b)	135	135	135
Float, pneumatic	Troop Equipment 1,200 Int. Aid 3,000 Others 2,160	1,200 3,000 2,160	1,719 500 (a)	160 1,391 180	0 50 0	0 230 180	0 1,111 0	160 2,132 15	441 700 50	235 0 50	0 56 114

(a) Program developed as needed
 (b) Being developed
 (c) Contingent upon receipt of material

(d) Cameras awaiting installation in trucks
 (e) January 1 through May 31

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
JUNE 24, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

Item		Author- ized	Under con- tract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1- Jun 24	Mar	Apr	May	Jun 1-24	Jun	Jul	Aug
Grader, road, motorized	Troop Equipment	196	196	103	109	0	12	46	50	20	20	30
	Int. Aid	20	20	0	0	0	0	0	0	20	0	0
Instruments, drawing, field	Troop Equipment	22,288	12,288	10,295	4,510	500	400	1,828	1,040	2,163	1,950	1,987
	Int. Aid	153	153	0	153	0	0	153	0	0	0	0
Mixer, concrete	Troop Equipment	168	168	172	0	0	0	0	0	60	60	28
	Theater of Oper.	55	55	(a)	39	0	0	0	19	0	0	0
	Int. Aid	62	62	0	42	0	0	27	15	0	0	20
Ponton, bridge, 10-ton	Troop Equipment	32	32	37	1	0	0	0	1	(b)	(b)	(b)
	Theater of Oper.	5	5	(a)	0	0	0	0	0	(b)	(b)	(b)
	Int. Aid	22	22	12	10	2	1	1	0	(b)	(b)	(b)
Ponton, bridge, 25-ton	Troop Equipment	50 1/2	50 1/2	57 1/2	18	2	1	6	0	(b)	(b)	(b)
Searchlight, 24", beach def.	Troop Equipment	126	126	174	110	26	18	43	17	0	0	0
	Theater of Oper.	138	138	(a)	0	0	0	0	0	0	0	0
Searchlight, AA, 60" mobile	Troop Equipment	6,421c	6,421	1,421ke	686	84	88	128	135	160	75	125
	Int. Aid	4,790	4,790	2,165	0	0	0	0	0	0	0	0
	Others	4,200	4,200	79	0	0	0	0	0	0	0	0
Semi-trailer, 1500 gal water	Troop Equipment	205	205	435	0	0	0	0	0	0	72	80
	Theater of Oper.	50	50	(a)	1	0	0	0	1	22	28	0
Shovel, gasoline, 1/2-yd.	Troop Equipment	227	227	202	74	16	13	10	9	12	12	12
	Theater of Oper.	70	70	(a)	35	2	3	6	24	20	20	20
	Int. Aid	328	328	0	2	0	0	2	0	10	10	15
Special equip., Aviation	Troop Equipment	26	26	20	9	2	3	4	0	(d)	(d)	(d)
	Theater of Oper.	113	113	(a)	4	0	0	4	0	(d)	(d)	(d)
Stereocomparagraph, equip.	Troop Equipment	138	138	51	130	0	0	130	0	0	0	0
Stereoscope, mirror, w/bin.	Troop Equipment	4,261	4,261	2,474	1,176	270	0	112	481	75	71	200
	Int. Aid	437	437	0	0	0	0	0	0	150	134	0
Trailer, (light tractor)	Troop Equipment	200	200	165	112	0	0	0	0	40	48	0
Trailer, (medium tractor)	Troop Equipment	777	777	724	0	0	0	0	0	200	200	200
	Theater of Oper.	65	65	(a)	0	0	0	0	0	0	0	0
	Int. Aid	28	28	0	24	0	0	0	0	0	0	0
	Others	750	750	(a)	0	0	0	0	0	0	0	0
Trailer, 60" searchlight	Troop Equipment	2,648	2,648	925	2,329	156	100	685	246	350	0	0
	Int. Aid	4,790e	2,165e	2,165	0	0	0	0	0	0	0	0
	Others	0	79	0	0	0	0	0	0	0	0	0
Trailer, (triangul. tower)	Troop Equipment	71	71	47	0	0	0	0	0	8	39	4
Transit, Engineers, 1-min.	Troop Equipment	1,824	971	806	349	92	63	44	84	100	100	100
	Int. Aid	80	30	0	30	0	0	0	0	0	0	0
	Others	400	400	(a)	0	0	0	0	0	0	0	0
Transit, Engineers, 20-sec.	Troop Equipment	2,149	539	421	539	50	100	72	67	0	0	0
	Int. Aid	213	213	0	72	0	0	60	12	0	12	12
Triangulation tower, port.	Troop Equipment	36	36	24	36	0	10	0	16	16	0	0
Water puri. unit, mobile	Troop Equipment	66	66	42	32	0	10	12	2	12	12	0
	Theater of Oper.	120	120	(a)	28	2	18	0	8	20	20	20
	Int. Aid	20	20	20	0	0	0	0	0	0	0	0
Water supply equip., Engineer	Troop Equipment	530	530	335	18	0	0	0	0	0	0	5
	Theater of Oper.	1,130	1,130	(a)	417	50	66	133	118	150	150	150
	Int. Aid	100	100	100	0	0	0	0	0	0	0	0
Welding & cutting set	Troop Equipment	350	350	203	343	0	18	305	20	100	0	0
	Theater of Oper.	50	50	(a)	50	0	50	0	0	0	0	0
	Int. Aid	54	4	0	4	0	0	0	0	0	0	0
	Others	573	573	(a)	102	0	102	0	0	0	0	0

(a) Program developed as needed

(b) Contingent upon receipt of material

(c) Includes 293 for Seacoast Defense

(d) Schedule being developed

(e) Includes 2,625, for 1943 requirements

Corps of Engineers

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STATISTICS AND PROGRESS BRANCH
 CONTROL DIVISION - HEADQUARTERS,
 SOS - 7-2-42

TEXT SUMMARY - CONSTRUCTION PROGRESS - JUNE 15, 1942

Source of Information: Construction Division, Office of the Chief of Engineers

As of June 15, 1942, the War construction program provided for 1,670 projects at an estimated completion cost of 7,219 million dollars. These projects are located at 895 sites and represent not only the original major construction jobs, but sizeable additions thereto.

The following table indicates the completion status of the total program:

	Number of projects	Percent of total projects
Completed and ready for use	780	47
Ahead of schedule	191	11
On schedule	326	19
Behind schedule	210	13
Not started	163	10
TOTAL	1,670	100

The value of completed and ready for use projects is 2,905 million dollars, 40 percent of the total cost of the program. However, construction in place is valued at 4,010 million dollars or 56 percent of total cost.

Total troop housing, when completed, will provide facilities for 3,887,652 men. There are facilities for 2,307,438 men to date. Of 106 Camps and Cantonment jobs, 72 (68 percent) are completed and ready for use; housing facilities in these completed jobs are available for 1,312,727 officers and enlisted men.

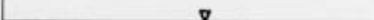
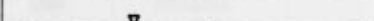
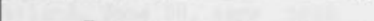
AIR CORPS -- As of June 15, the Air Corps construction program in Continental U. S. provided for 588 projects at 287 different locations. The estimated cost of these projects is 1,977 million dollars, of which projects costing 464 million dollars have already been completed and are ready for use. The value of construction in place, however, is 789 million dollars, or 40 percent of the total cost.

The following table indicates the current construction status of the Air Corps program.

	Number of Projects			Percent
	Tactical Units	Non-Tactical Units	Total	
Completed & ready for use	83	92	175	30
Ahead of schedule	21	43	64	11
On schedule	53	107	160	27
Behind schedule	40	64	104	18
Not started	49	36	85	14
TOTAL	246	342	588	100

CORPS OF ENGINEERS - WAR CONSTRUCTION PROGRESS - JUNE 15, 1942

Source of Information: Construction Division, Office of the Chief of Engineers

Type	Cost of Construction*			Percent of Estimated Cost In place  Completed & ready for use ▽
	Esti- mated Cost	Value in Place	Completed & ready for use	
O'Seas D'chge & Repl. Dep.	\$ 5	\$ 4	\$ 4	
Other Troop Facilities	521	396	334	
Camps and Cantonments	1,331	981	769	
Ports of Embarkation	45	30	15	
Staging Areas	82	54	45	
Misc. Ordnance Facilities	90	54	41	
Ordnance Mfg. Plants	2,160	1,242	947	
Storage Depots	192	111	69	
Miscellaneous	61	33	9	
Ordnance Amm. Stor. Dep.	314	144	109	
Chemical Warfare Plants	207	93	55	
Air Corps Tactical Units	490	220	110	
Amm. Load. & Back-up Areas	28	12	2	
Air Corps Non-Tactical Units	1,487	570	354	
General Hospitals	92	32	25	
Holding & Recons. Points	114	34	17	
TOTAL	\$7,219	\$4,010	\$2,905	

* All figures are in millions of dollars

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JULY 2, 1942

Source of Information: Finance & Supply Div. - Office of Surgeon General

NEW CONTRACTS ON CRITICAL AND ESSENTIAL ITEMS: The Medical Department report on the Status of Critical and Essential Items, June 8 to 23, 1942, shows 30 new contracts on 12 critical items and 23 new contracts on 17 essential items.

CHEST, FIELD, PLAIN, AND MODIFIED: Both the Plain and Modified Field Chests are behind their schedules of production. The Belber Trunk and Bag Company, Woodbury, New Jersey, has two contracts, one for 9,642 Plain Chests and one for 1,320 Modified. On the former contract 1,989 are due, and on the latter the entire 1,320 should have been delivered by May 28, 1942. A delivery of 511 Plain Chests was accepted in the third quarter-monthly period of June. These chests require three items difficult to obtain: plywood, galvanized sheet metal, and galvanized special hardware including corner irons, angle irons, locks, and regulation swivel snaps for closing the lid. The metal covering on the outside is riveted to the plywood. The Belber Company has been delayed because of inability to secure rivets and swivel snaps from sub-contractors. One delivery made on these chests was so damaged in transit that it was rejected. The completion of the Belber contract will accomplish the 1942 objective.

CONTRACTS ON BED, FOLDING, AND CARRIAGE, DRESSING, KNOCKED DOWN: The Folding Bed and Knocked Down Dressing Carriage have been lagging considerably behind their schedules of production, and show the following status as of June 23, 1942.

	1941-1942 F.Y. Program	Delivered	Due	Behind Schedule
Bed, folding	164,213	45,388	160,000	114,612
Carriage, dressing	6,725	6,275	6,725	450

There were three contracts on beds, two of which should have been completed in June, while the third is due July 3, 1942. Deliveries have been made regularly since June 1, and indications are that contracts will be rapidly completed. The contract for the Dressing Carriage should have been completed April 22, 1942. The Doehler Metal Furniture Company will complete this order in the near future. Difficulty in securing the necessary metal used in the construction of these items has been the cause of delay.

TYPHUS IN ATHENS: A report by way of Berne, Switzerland, June 28, says that an outbreak of typhus fever was officially reported from Athens, Greece, where many cases have been found in several public hospitals. Local authorities aided by the German Sanitary Corps have closed all public buildings, restaurants, and theatres, and have set up delousing centers in an attempt to stem the epidemic. The outbreak is regarded seriously by local authorities because of poor sanitary conditions and the rundown condition of the Greek population from a lack of food so severe that many are on the verge of starvation.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ended June 25, the percentage of sick within the continental limits of the United States was 2.96. There were 2.77 percent in hospital and .19 percent in quarters.

TABULAR SUMMARY - STATUS OF SELECTED MEDICAL DEPARTMENT ITEMS ON ARMY SUPPLY PROGRAM* - JUNE 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	Author- ized	Under con- tract	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 23	Mar	Apr	May	Jun 1-23	Jun	Jul	Aug
FIRST AID DRESSING											
Packet, first aid**	6,869	2,720	3,309	935	15	535	115	240	255	400	2,010
Dressing, first aid, large**	5,228	5,228	5,345	3,609	637	437	953	673	679	679	679
Dressing, first aid, small**	11,019	6,279	8,611	2,890	233	644	899	818	1,307	1,308	1,307
SURGICAL INSTRUMENTS											
Forceps, hemostatic, Abbey	11,135	11,135	7,647	6,922	846	942	1,965	0	0	1,325	1,000
Forceps, hemo., H., mos., straight	69,479	33,373	33,373	14,268	5,876	5,420	348	0	5,301	8,303	5,301
Forceps, hemostatic, Jones	10,322	10,322	10,514	4,345	348	1,992	960	0	0	0	4,977
Forceps, hemo., R.-K., straight	198,008	115,320	53,590	38,143	16,125	2,226	2,436	3,158	17,699	14,308	19,500
Forceps, hemo., R.-P., curved	350,947	340,515	85,787	55,266	8,553	4,861	4,792	2,844	957	23,000	32,000
Forceps, hemo., Kocher, straight	9,404	9,404	9,404	4,458	372	2,256	1,614	0	147	2,000	1,000
Forceps, hemo., R.-O., 6 1/2", str.	88,411	30,515	30,515	26,867	4,356	6,552	1,272	228	0	3,648	(b)
Forceps, hemo., R.-O., 7 1/2", str.	44,164	34,020	28,586	31,726	4,572	7,848	6,960	2,434	3,290	664	1,326
Forceps, hyst., Pean, curved	56,302	51,158	25,301	12,497	372	1,864	5,024	1,374	2,728	6,011	20,880
Forceps, sponge	40,396	36,283	49,979	34,330	6,448	3,936	5,320	614	2,302	(b)	
Forceps, towel, 3"	33,345	27,157	19,157	9,948	3,904	2,646	1,080	646	3,413	6,349	5,000
Forceps, towel, 5 1/2"	20,840	9,640	9,640	10,144	672	3,360	1,224	284	(b)		
Holder, needle, Hegar-Mayo	28,318	20,178	16,969	17,008	1,914	697	1,416	9,216	3,066	3,066	3,066
Knife, operating, 1 1/2" blade	24,560	24,560	9,200	9,092	3,000	24	3,092	0	108	0	15,360
Knife, operating, 1 1/2" blade	19,758	9,686	9,670	5,476	697	2,232	1,600	963	1,282	5,173	(b)
Knife, operating, 2" blade	4,210	4,096	4,096	1,937	1,937	0	0	0	0	2,159	(b)
Scissors, bandage	186,418	176,546	131,526	81,806	12,212	20,720	15,923	9,983	27,233	17,600	36,000
Scissors, dissecting, cur., 5 1/2"	20,050	17,214	8,609	5,774	1,266	1,665	2,343	0	4,000	0	7,440
Scissors, dissecting, str., 5 1/2"	25,355	22,955	11,515	11,515	1,822	16	2,927	544	0	1,000	10,000
SURGICAL APPLIANCES											
Anesthesia apparatus, N2O	946	696	931	10	0	0	4	0	100	0	100
Phorometer	1,478	588	425	523	63	70	28	110	0	0	60
Sphygmomanometer, mercurial	14,672	12,602	11,205	7,147	0	1,092	2,483	2,300	2,050	2,500	2,705
Splint, Thomas, arm, hinged	88,465	88,453	74,073	67,197	12,857	20,631	10,895	10,800	4,296	22,754	(b)
Splint, Army, leg, 2-ring	99,627	80,148	52,839	25,325	11,254	2,888	738	2,816	12,243	27,152	15,728
X-RAY EQUIPMENT											
Machine, radiographic, 200ma	481	421	604	126	36	22	13	10	95	70	70
X-ray, field, generator	903	776	1,083	264	0	23	133	70	118	118	118
X-ray, field, mobile unit	1,739	1,529	2,085	542	158	208	150	0	0	0	0
STERILIZERS											
Hospital, complete	254	227	674	200	49	20	13	4	15	4	12
Hospital, utensil	5,136	5,103	10,270	4,145	458	651	1,290	368	1,271	1	(b)
FIELD EQUIPMENT											
Kit strap, canteen ring	151,924	151,924	419,067	90,862	7,883	5,754	5,075	60,000	38,700	38,700	38,700
Kit insert, Type I	62,069	62,069	250,373	52,050	8,750	11,045	16,640	8,389	10,887	(a)	
Kit insert, Type II	22,158	19,208	48,960	3,900	2,000	1,000	0	0	5,000	10,308	(b)
Kit strap, litter	159,750	159,750	424,188	99,617	8,078	4,330	43,084	27,540	27,600	27,600	27,600
Kit pouch, canvas	148,002	148,002	340,498	76,571	13,200	9,537	26,985	26,050	53,080	20,000	2,701
Kit, suspender	72,874	72,874	140,686	62,068	7,542	14,816	15,599	18,311	6,700	6,700	6,700
Chest, field, plain	16,518	16,518	10,360	7,387	1,109	75	0	5,511	4,710	4,710	4,710
Litter	1,684	1,684	45,211	1,291	0	0	1,291	0	393	(a)	
Litter, folding	28,807	8,111	1,990	109	0	0	0	0	630	630	630

*All "Authorized" and "Under Contract" figures are less all deliveries prior to January 1, 1942. International Aid and Navy figures not included.

(a) Authorizations completed.
(b) Contracts completed.
** Figures in thousands.

MEDICAL DEPARTMENT - STATUS OF SELECTED ITEMS ON ARMY SUPPLY PROGRAM - JUNE 23, 1942

Source of Information: Medical Department Procurement Progress Reports

	Required 1942 produc- tion*	Percent required production			
		Con	Due	Del	Delivered Due Contracted, undelivered Not contracted
20406080					
<u>FIRST AID DRESSINGS</u>					
Packet, first aid	3,308,516	82	7	28	
Dressing, first aid, large	5,345,352	98	85	68	
Dressing, first aid, small	8,610,685	73	60	34	
<u>SURGICAL INSTRUMENTS</u>					
Forceps, hemostatic, 8 types	259,416	100	80	70	
Forceps, hyst., Pean, curved	25,301	100	45	41	
Forceps, sponge	49,979	73	73	69	
Forceps, towel, 2 sizes	28,797	100	72	70	
Holder, needle, Hegar-Mayo	16,969	100	100	100	
Knife, operating, 3 sizes	22,966	100	74	72	
Scissors, bandage	131,526	100	80	62	
Scissors, dis., curved 5½"	8,609	100	100	67	
Scissors, dis., straight 5½"	11,515	100	100	100	
<u>HOSPITAL EQUIPMENT</u>					
Anesthesia apparatus, N2O	931	75	12	1	
Phorometer	425	100	100	100	
Sphygmomanometer, mercurial	11,205	100	66	64	
Splint, Thomas, arm, hinged	74,073	100	88	91	
Splint, Army, leg, 3-ring	52,839	100	71	48	
<u>X-RAY EQUIPMENT</u>					
Machine, radiographic, 200ma	604	70	23	21	
X-ray, field, generator	1,083	72	39	24	
X-ray, field, mobile unit	2,085	73	5	26	
<u>STERILIZERS</u>					
Hospital, complete	674	34	31	30	
Hospital, utensil	10,270	50	50	40	
<u>FIELD EQUIPMENT</u>					
Kit strap, cantle ring	419,067	36	36	22	
Kit insert, Type I	250,373	25	25	21	
Kit insert, Type II	48,960	39	18	8	
Kit strap, litter	424,188	38	38	23	
Kit pouch, canvas	340,498	43	37	22	
Kit suspender	140,686	52	49	44	
Chest, field, plain	10,360	100	91	71	
Litter	45,211	4	4	3	
Litter, folding	1,990	100	100	5	

*International Aid and Navy figures not included

Medical Department

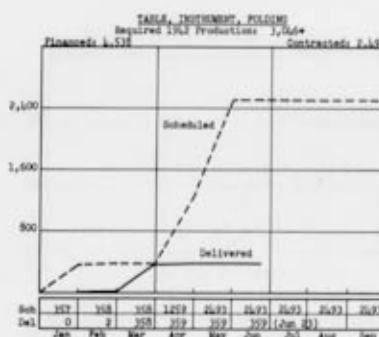
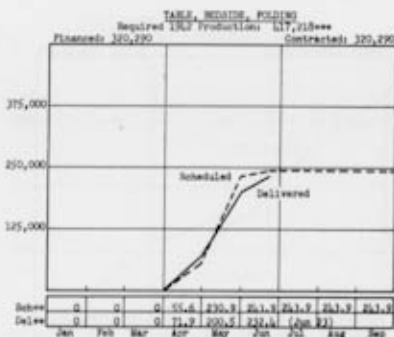
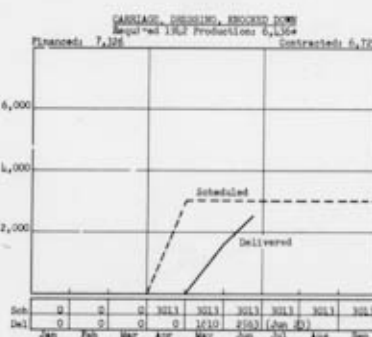
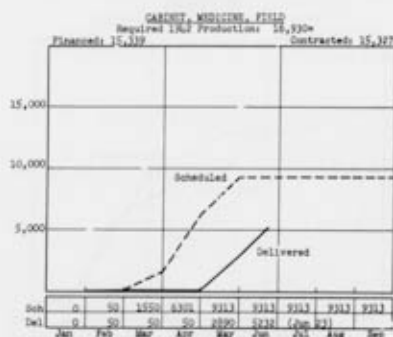
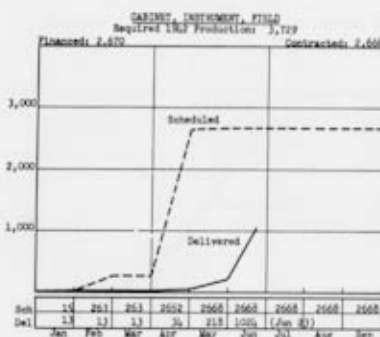
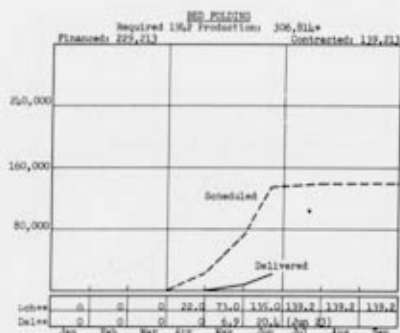
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STATISTICS AND PROGRESS BRANCH
CONTROL DIVISION - HEADQUARTERS,
SOS
7-2-42

MEDICAL DEPARTMENT - ESSENTIAL ITEMS - SELECTED FIELD HOSPITAL EQUIPMENT - JUNE 23, 1942

Source of Information: Medical Department Procurement Report.

Cumulative - 1942



*International Aid and Navy figures not included.

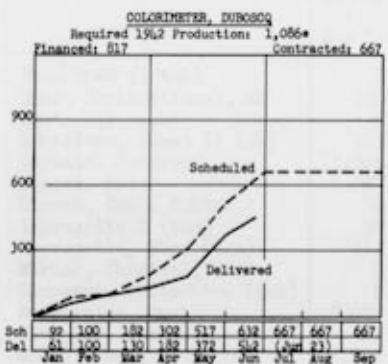
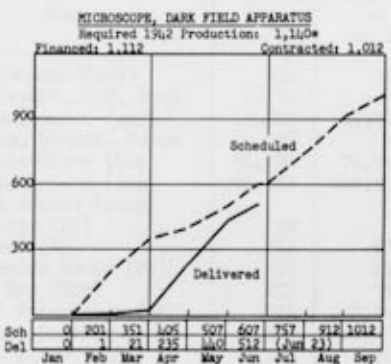
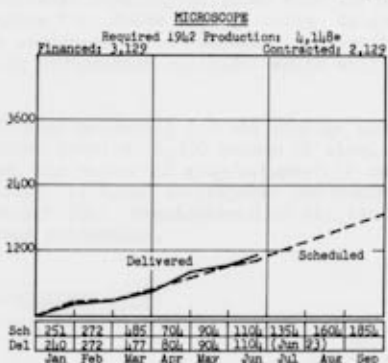
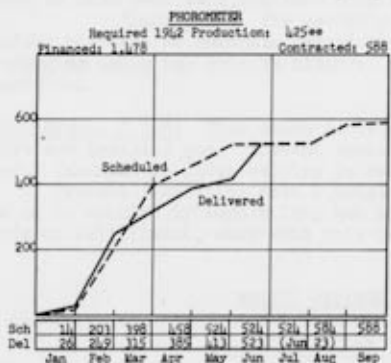
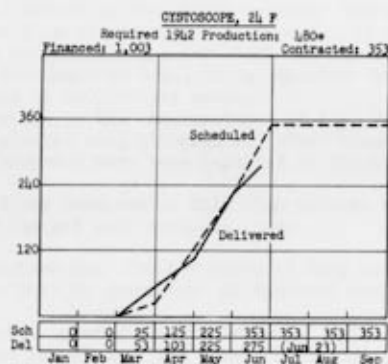
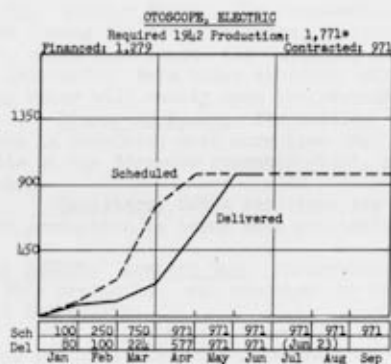
**Figures in thousands

***No International Aid or Navy requirement.

MEDICAL DEPARTMENT - ESSENTIAL ITEMS - SELECTED OPTICAL INSTRUMENTS - JUNE 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Cumulative - 1942



*International Aid and Navy figures not included

**No International Aid or Navy requirement

TEXT SUMMARY - C. W. S. - STATUS JUNE 26, 1942

Source of Information: Chemical Warfare Service Progress Reports

GAS MASKS: Service Masks: The component parts situation for Service Masks has materially improved during the past two weeks. An increased flow of components is expected by the middle of July, which will enable the assembly plants to operate on a two shift per day basis. Although deliveries were below schedule during the month of June, it is expected that future delivery rates will easily meet the proposed rate of 400,000 per month.

Diaphragm Masks: The molding operation in the manufacture of the new plastic angletube is requiring much more time than anticipated and, although all other components are available at the Edgewood assembly plant, no deliveries have been reported on Diaphragm Masks this month.

Canisters: Extra canisters are not being produced at this time because the entire canister production is being made available for the gas mask assembly lines.

CHEMICAL AGENTS: Mustard Gas: Production of Mustard Gas for the month of June totals 3,159 tons. This production was reported by the one unit in operation at Edgewood and the four units at Huntsville.

Lewisite: There was no reported production of Lewisite this week. The necessary periodic inspection of reactors closed the plant. The total estimated production by the end of this year is 1,804 tons with an available capacity of 3,050 tons per month.

Smoke Pots: The assembly program for Smoke Pots is being delayed due to the critical shortage of ammonium perchlorate, a component part. Chemical Warfare Service is now planning on using the British mixture calling for calcium silicide which will alleviate this condition.

CONTAINER, STEEL, 1 TON: This steel container is used primarily for the storage and shipment of Mustard and Lewisite gas. Present specifications require 1,350 pounds of steel plate per container. Inasmuch as forge welding is required, the number of manufacturers is restricted. Present facilities have a total capacity of 2,000 containers per month which is expected to be doubled by August 1st, but the present 1942 requirements of 244,184 units are impossible of fulfillment, even with this increased production.

WEEKLY DELIVERIES - SELECTED ITEMS

Item	Deliveries		Item	Deliveries	
	Jun 13 to Jun 19	Jun 20 to Jun 26		Jun 13 to Jun 19	Jun 20 to Jun 26
Agent, Decont. (ton)	231	142	Beam Grab (1 ton)	0	108
Agent, Decont. H.T. (ton)	31	0	Bomb, Instructional, M2	336	3,528
Agent, Non-corr. (gal)	16,323	29,925	Cart, C.M. 4.2"	0	99
Apparatus, Decont. Power	86	55	Container, Steel (1 ton)	513	588
Bomb, Incendiary (Mag)	64,094	70,964	Curtain, Gasproof	12,664	8,558
Bomb, Incendiary (Sub)	800,749	629,996	Funnel, Metal	5,697	0
Chemical Agents (tons)			Gloves, Comm. Rubber	0	6,992
Lewisite (Ml)	28	0	Impregnite I (ton)	98	106
Mustard (HS)	816	970	Impregnite, Shoe (ton)	213	216
Screening Smoke (FS)	51	133	Mortar, Chemical, 4.2"	0	20
Tear Gas (CNS)	201	58	Ointment, Protective (ton)	6	17
White Phosphorus (WP)	211	2,250	Respirator, Dust	7,078	21,363
Mask, Gas, Service	49,820	58,326	Set, Gas, Instructional	63	73
Tank, Airplane, MLO	113	314	Shell, Chemical Mortar	6,195	5,840
Apparatus, Decont. (1 1/2 qt)	13,000	15,200	Solvent, Impregnite (ton)	625	488
App. Large Scale Screen	2	0	Wrench, Valve Removing	0	30

TABULAR SUMMARY - STATUS OF SELECTED C. W. S. ITEMS ON ARMY SUPPLY PROGRAM*
JUNE 26, 1942

Source of Information: Chemical Warfare Service

Item	Author- ized**	Under con- tract**	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 26	Mar	Apr	May	Jun 1-26	Jun	Jul	Aug
CRITICAL											
Agent, Decont. (tons)	5,941	9,367	7,014	2,125	382	172	448	737	310	360	360
Agent, Decont. H.T.(tons)	991	991	493	185	0	26	99	31	75	75	75
Agent, Non-Corr. (gal)	2,604,023	2,604,023	1,370,193	302,376	28,349	121,718	51,653	100,657	110,000	110,000	110,000
Apparatus Decont. Power	1,266	1,766	1,389	641	67	145	198	231	160	160	160
Bomb, Incendiary (Mag)(a)	89,775	35,000	25,471	1,227	111	233	549	330	750	1,250	700
Bomb, Incendiary (Sub)(a)	13,500	13,500	13,500	10,114	1,911	1,784	2,347	3,045	2,132	2,132	2,130
Canister, Svc. & Dis.	2,065,369	2,065,372	1,617,604	923,353	247,463	173,614	58,805	0	250,000	300,000	400,000
Chemical Agents (tons)											
Lewisite (M-1)	58,912	4,912	54,000	106	28	26	24	28	0	0	75
Mustard (HS)	164,498	31,182	130,721	8,501	586	960	2,437	3,159	1,400	1,800	2,200
Phosgene (CG)	3,334	3,334	1,081	640	546	94	0	0	385	385	385
Screaming Smoke (PS)	18,861	1,992	18,479	925	205	83	0	185	250	250	250
Screaming Smoke (HC)	3,837	3,837	474	0	0	0	0	0	350	350	350
Tear Gas (CNS)	20,400	2,507	20,054	1,426	277	224	320	259	250	250	250
White Phosphorus (WP)	16,139	9,786	3,830	6,101	523	421	2,385	2,565	Procured as Needed		
Mask, Gas, Diaphragm	615,247	634,646	843,200	194,643	8,437	30,073	30,763	0	30,000	30,000	60,000
Mask, Gas, Service	3,965,480	3,861,172	2,046,132	1,016,791	146,465	193,327	146,171	201,621	250,000	300,000	400,000
Tank, Airplane M-10	47,256	47,256	47,256	4,399	722	1,312	578	859	800	3,000	5,500
Tank, Airplane M-20	11,290	6,115	1,691	156	0	112	44	0	0	50	50
Tank, Airplane M-21	11,290	6,115	1,665	134	0	0	134	0	0	0	50
ESSENTIAL											
Agent, Simulated (M1,M2)	3,177	3,177	597	1,800	0	0	700	1,100	1,377	1,100	0
Alarm, Gas	51,531	48,309	34,138	0	0	0	0	0	Not Standardized		
Apparatus, Decont (1 1/2 qt)	678,875	778,875	535,328	184,443	24,596	33,347	38,400	56,100	78,000	78,000	78,000
Apparatus, Decont (3 gal)	48,735	48,735	42,251	0	0	0	0	0	10,000	10,000	10,000
Brush, Decontaminating	1,311	1,311	1,889	1,111	0	0	1,111	0	0	0	0
Candle, DM	33,402	33,402	44,019	0	0	0	0	0	6,000	6,000	6,000
Cart, C.W. 4.2"	2,374	2,374	436	100	0	0	0	100	180	250	250
Container, Steel (1 ton)	283,770	49,167	244,184	10,278	1,627	3,167	1,750	2,054	2,000	2,000	2,000
Curtains, Gasproof	437,774	442,353	653,702	314,376	28,800	30,248	73,625	40,752	70,000	70,000	28,729
Cylinders, Portable	27,262	11,510	17,018	0	0	0	0	0	1,766	750	750
Flame Thrower, Replaced	520	0	1,185	0	0	0	0	0	0	0	0
Flame Thrower, Mounted	927	0	2,537	0	0	0	0	0	Not Standardized		
Generator, Smoke, Veh.	26,813	26,833	51,673	25	0	0	25	0	5,000	5,000	5,000
Impregnate I (ton)	10,634	5,212	1,875	1,457	217	292	361	387	350	350	350
Impregnate, Shoe (ton)	8,400	8,900	4,316	7,637	1,127	1,737	1,633	1,157	1,600	219	0
Kit, Repair, Universal M8	15,820	15,820	6,482	0	0	0	0	0	6,490	8,891	0
Mask, Gas, Horse M4	20,713	20,713	28,248	0	0	0	0	0	10,000	10,713	0
Mask, Gas, Horse M5	18,432	18,432	29,056	0	0	0	0	0	10,000	8,432	0
Mine, Land, Chemical	1,411,507	1,451,507	398,970	543,347	80,231	0	0	0	100,000	100,000	100,000
Mortar, Chemical 4.2"	1,906	1,906	395	28	0	0	0	28	100	120	200
Ointment, Prot. (ton)	1,074	667	1,261	211	30	48	66	63	69	37	8
Plant, Impregnating, M1	5	15	19	0	0	0	0	0	1	2	6
Respirator, Dust	5,450,500	5,532,747	6,590,712	89,112	3,836	3,839	15,466	51,721	300,000	628,500	1,000,000
Set, Accessories, L.P.	513	282	120	3	0	0	0	0	0	107	172
Set, Gas, Detonation	4,684	4,684	59,718	4,036	0	141	1,546	89	425	250	75
Set, Gas, Instructional	0	0	7,660	500	0	0	318	182	575	50	0
Shell, Chemical Mortar	2,059,837	2,059,837	647,481	45,051	3,419	8,277	13,606	19,749	30,000	37,423	80,000
Shell, Livens Projector	187,639	40,246	32,268	24,327	0	0	20,779	0	55,000	55,000	5,336
Sight, Chemical Mortar	2,117	2,117	411	350	0	0	0	350	0	0	0
Solvent, Impregnate (ton)	22,685	22,685	5,156	7,547	1,202	875	1,034	2,189	1,000	1,000	1,000

* International Aid and Navy figures not included.

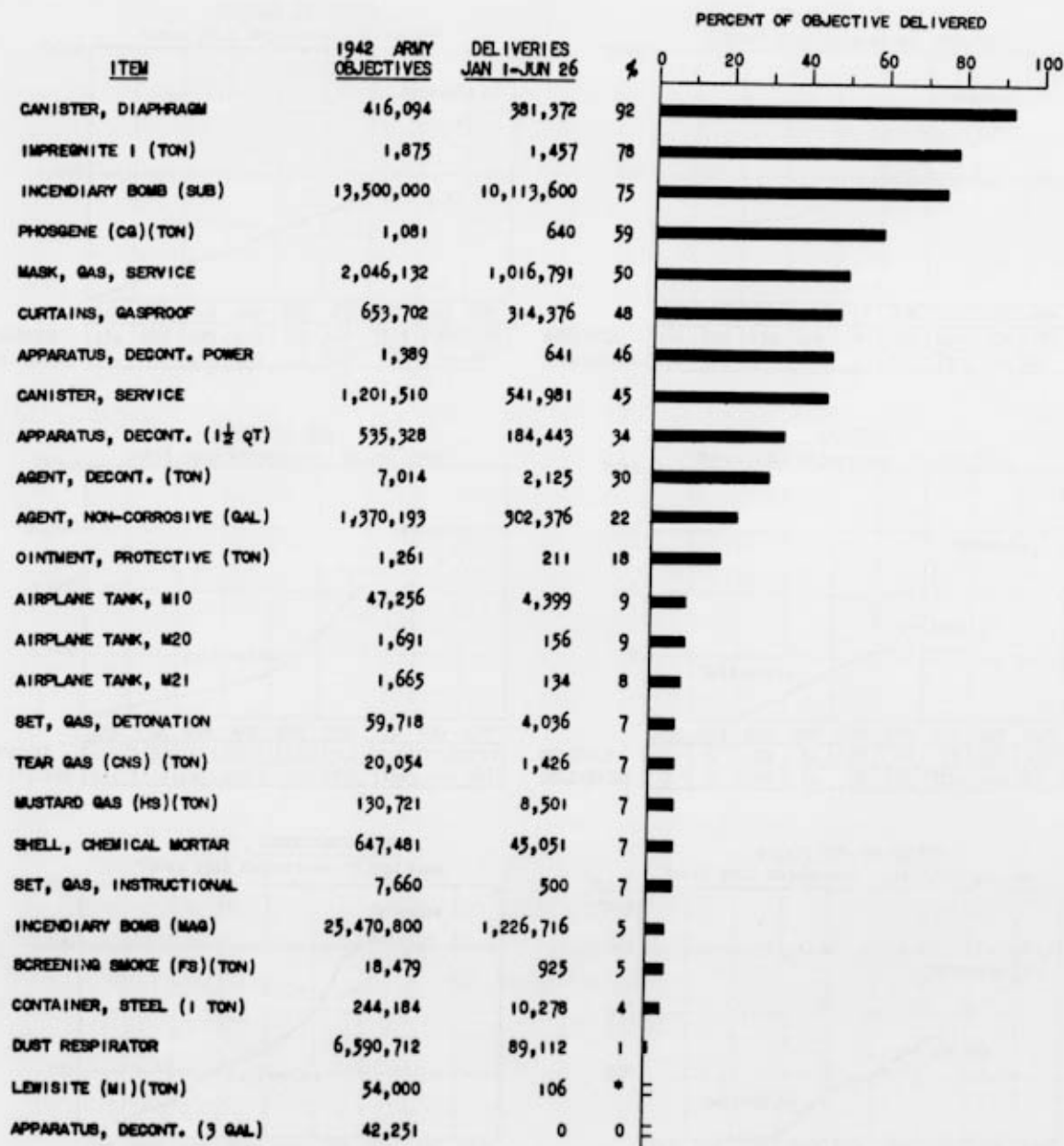
** Deliveries prior to January 1, 1942 are excluded.

(a) Figures in Thousands

Chemical Warfare Service

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - JUNE 26, 1942

Source of Information: Chemical Warfare Service



* LESS THAN ONE PERCENT DELIVERED

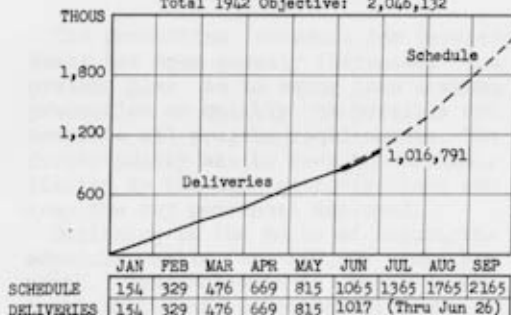
Chemical Warfare Service

SELECTED ITEMS - C. W. S. - SCHEDULES AND DELIVERIES - JUNE 26, 1942

Source of Information: Chemical Warfare Service

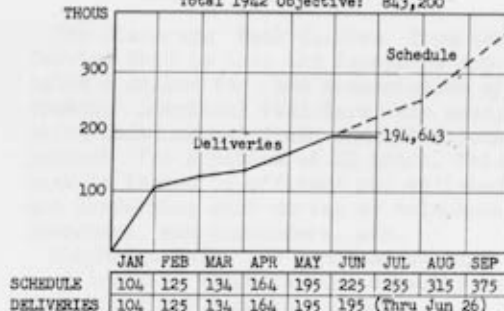
SERVICE GAS MASKS

Total 1942 Objective: 2,046,132



DIAPHRAGM GAS MASKS

Total 1942 Objective: 843,200



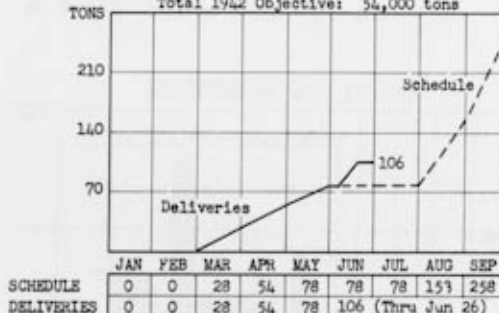
MUSTARD GAS

Total 1942 Objective: 84,460 tons



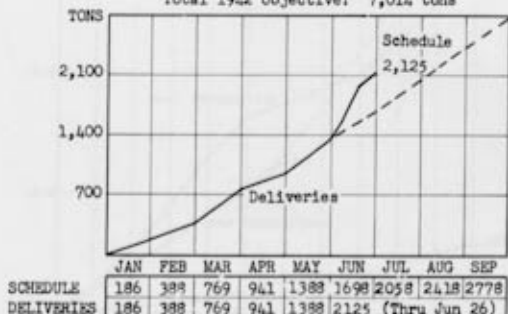
LEWISITE

Total 1942 Objective: 54,000 tons



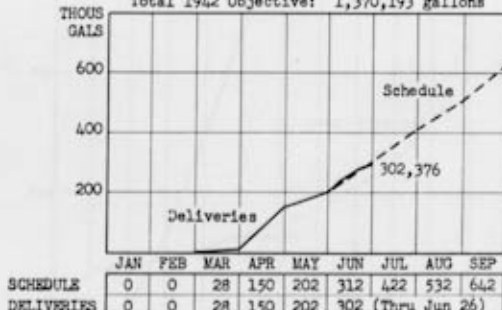
AGENT, DECONTAMINATING

Total 1942 Objective: 7,014 tons



AGENT, NON-CORROSIVE

Total 1942 Objective: 1,370,193 gallons



PRODUCTION FACILITIES - C. W. S. - JUNE 26, 1942

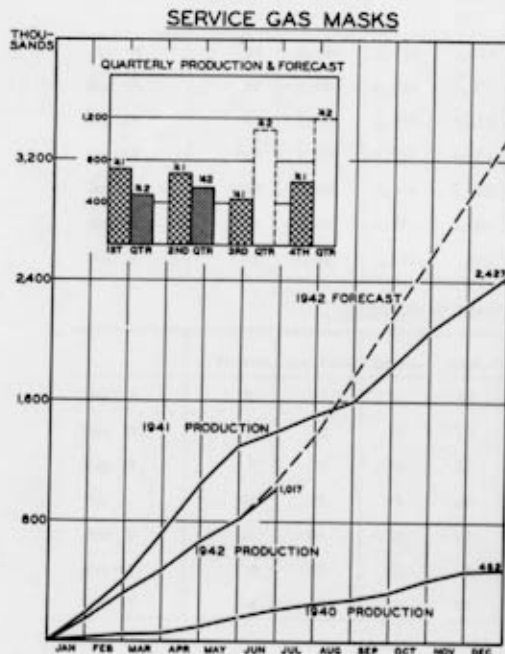
Source of Information: Chemical Warfare Service

SERVICE GAS MASKS

The production schedule for Service Masks has been greatly increased. The present plan is to swing into maximum production as quickly as possible and complete all program requirements. The former policy was to keep the assembly limited to the low authorizations and keep the key personnel employed.

Beginning in the month of August, the schedule calls for 400,000 masks per month. This schedule is based on the availability of the component parts.

The estimated total 1942 production is 3,365,170 masks of which 1,016,791 have been produced. The 1942 objective is 2,046,132 units.

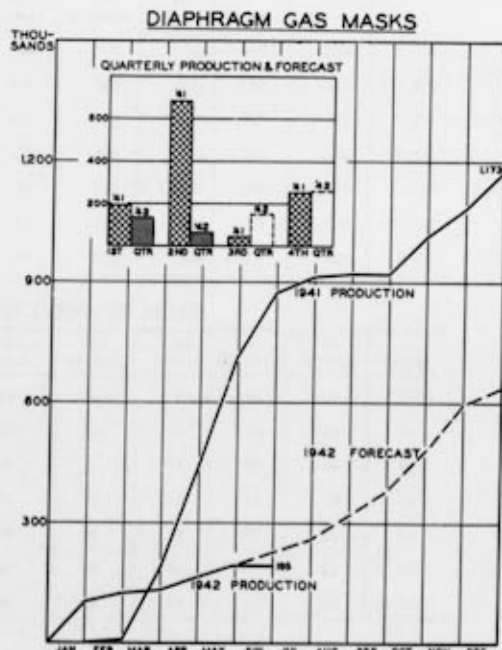


DIAPHRAGM GAS MASKS

The Diaphragm Mask differs from the Service Mask in that the facepiece contains a device for the transmission of speech. Identical canisters are used, which under normal field concentrations protect for a period of 40 hours. This mask is issued to officers and enlisted men performing such duties as telephone operators, gun commanders, etc.

Diaphragm Masks are produced at Edgewood Arsenal which has the capacity to assemble 300,000 masks per month.

Present schedules are below maximum capacity. Existing contracts call for production of 634,646 masks during 1942, of which 194,643 have been produced.



PORT SITUATION - DELAYS IN CAR UNLOADING - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 8

CARLOAD FREIGHT FOR EXPORT AND COASTAL VESSEL MOVEMENT (EXCLUDING COAL)

LOADED CARS ON HAND

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	132	8,008	3,542	2,760	298	2,205	1,361	464	2,545	21,315
May 15	153	7,982	3,489	2,634	285	2,448	1,293	669	2,984	21,937
May 22	782	7,266	3,385	2,178	345	2,406	1,515	402	2,489	20,758
May 29	520	6,771	3,060	1,935	410	2,690	1,606	500	2,391	19,883
Jun 5	403	7,390	2,887	1,971	345	2,735	1,888	349	3,147	21,115
Jun 12	447	6,828	2,761	1,778	246	2,752	1,806	482	2,968	20,068
Jun 19	566	6,767	2,894	1,772	331	2,848	1,642	972	3,371	21,163

LOADED CARS ON HAND OVER 10 DAYS

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	66	2,968	2,558	1,238	64	308	82	160	192	7,636
May 15	52	2,647	2,294	1,670	102	323	131	197	413	7,829
May 22	51	2,368	2,359	1,118	189	389	163	233	566	7,434
May 29	169	2,558	1,933	1,014	133	605	195	185	462	7,284
Jun 5	50	2,497	1,474	1,015	67	749	183	128	1,279	7,440
Jun 12	38	2,662	1,674	1,003	42	803	180	128	1,207	7,737
Jun 19	22	2,453	1,696	941	59	949	306	107	984	7,517

PERCENTAGE OF LOADED CARS ON HAND OVER 10 DAYS

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	50	37	72	45	21	14	6	34	8	36
May 15	34	33	66	63	36	13	10	29	14	36
May 22	7	33	70	51	55	16	11	58	23	36
May 29	33	38	63	52	32	22	12	37	19	36
Jun 5	12	34	51	51	19	27	10	37	41	36
Jun 12	9	39	61	56	17	29	10	27	41	39
Jun 19	4	36	59	53	18	33	19	11	29	36

PORT SITUATION - DELAYS IN CAR UNLOADING BY CONSIGNEE - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 8

LOADED FREIGHT CARS ON HAND FOR EXPORT AND COASTAL
VESSEL MOVEMENT (EXCLUDING COAL)

Over 10 Days - Eight Principal Ports

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
Mar 13	198	247	4,068	1,059	188	107	2,266	8,133
Mar 20	153	215	3,755	1,203	134	139	2,300	7,899
Mar 27	129	166	2,947	891	125	67	2,412	6,737
Apr 3	128	353	3,485	656	180	34	2,087	6,923
Apr 10	66	442	3,266	727	183	42	2,353	7,079
Apr 17	33	325	3,385	1,012	91	90	1,809	6,745
Apr 24	51	199	3,157	1,083	54	57	1,336	5,937
May 1	71	117	3,085	1,801	29	69	1,198	6,370
May 8	30	74	2,910	2,972	29	279	1,010	7,304
May 15	96	63	3,338	2,531	17	246	937	7,228
May 22	63	84	2,970	2,331	19	426	750	6,643
May 29	345	105	2,929	1,523	16	598	1,092	6,608
Jun 5	272	79	3,154	1,064	11	357	1,090	6,037
Jun 12	334	35	3,095	1,337	8	305	1,341	6,455
Jun 19	352	39	3,155	1,428	14	164	1,354	6,506

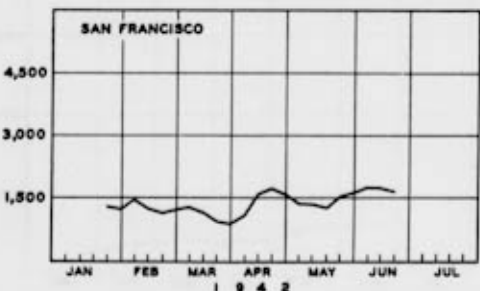
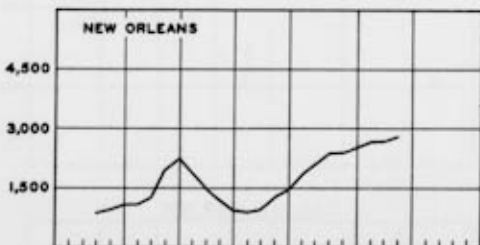
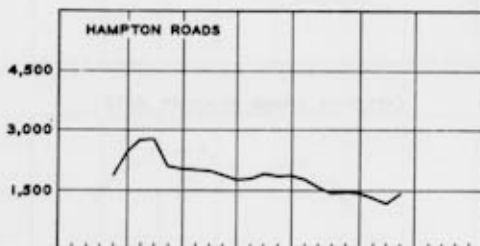
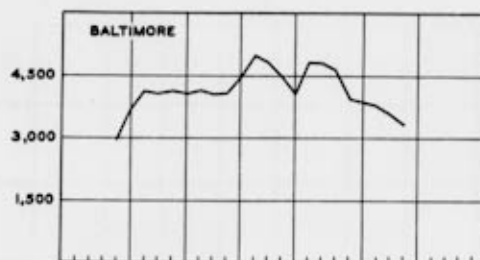
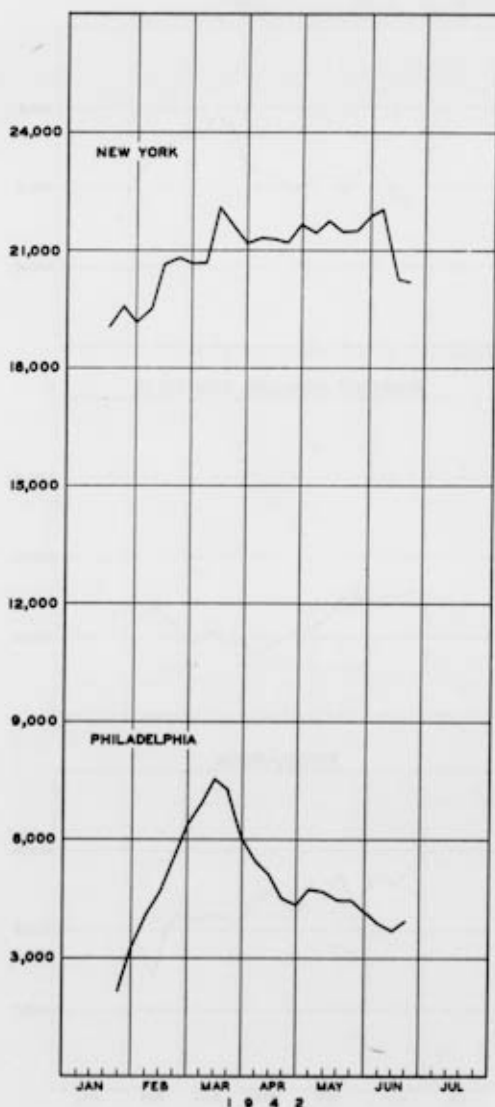
Over 10 Days - All Ports

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
May 8	176	77	2,922	2,988	29	297	1,147	7,636
May 15	194	71	3,370	2,635	17	297	1,245	7,829
May 22	221	95	3,014	2,474	19	433	1,178	7,434
May 29	439	153	2,944	1,609	16	621	1,472	7,254
Jun 5	364	163	3,786	1,101	11	360	1,655	7,440
Jun 12	481	87	3,704	1,375	8	307	1,775	7,737
Jun 19	508	101	3,625	1,471	14	164	1,634	7,517

PORT SITUATION - RAIL FREIGHT AT SELECTED PORTS - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 7

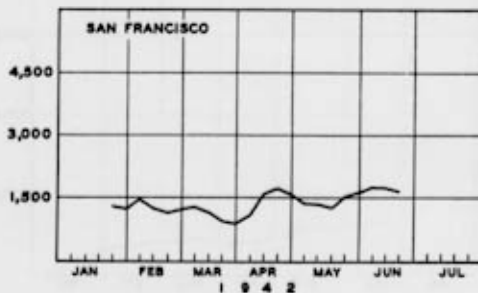
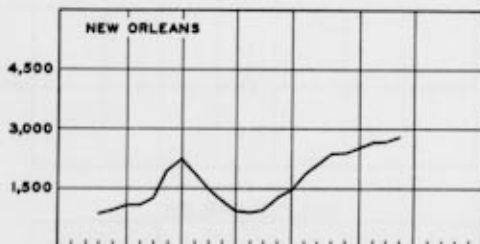
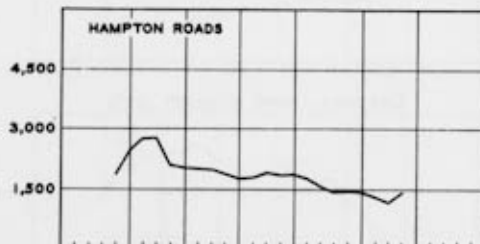
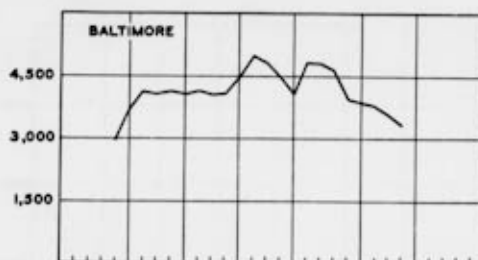
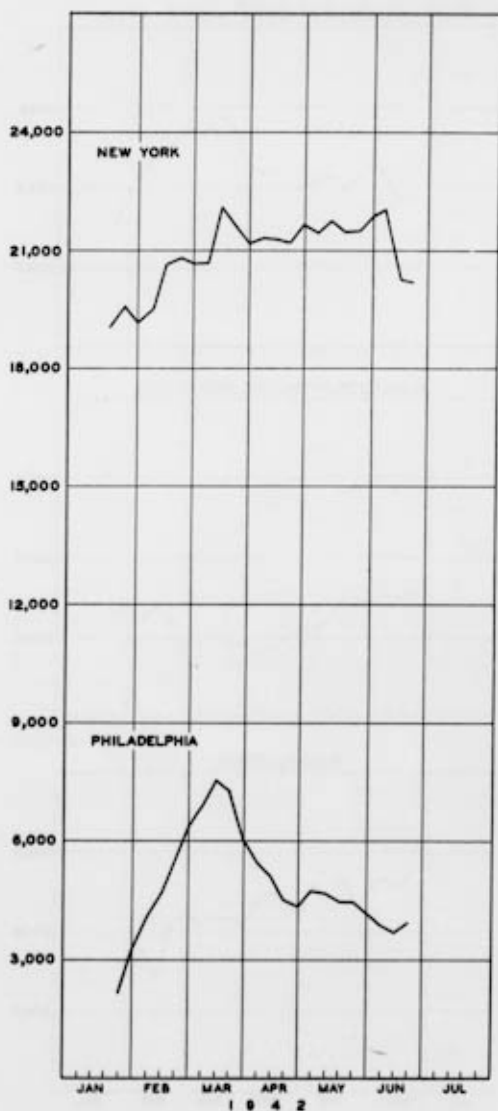
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS
AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES



PORT SITUATION - RAIL FREIGHT AT SELECTED PORTS - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 7

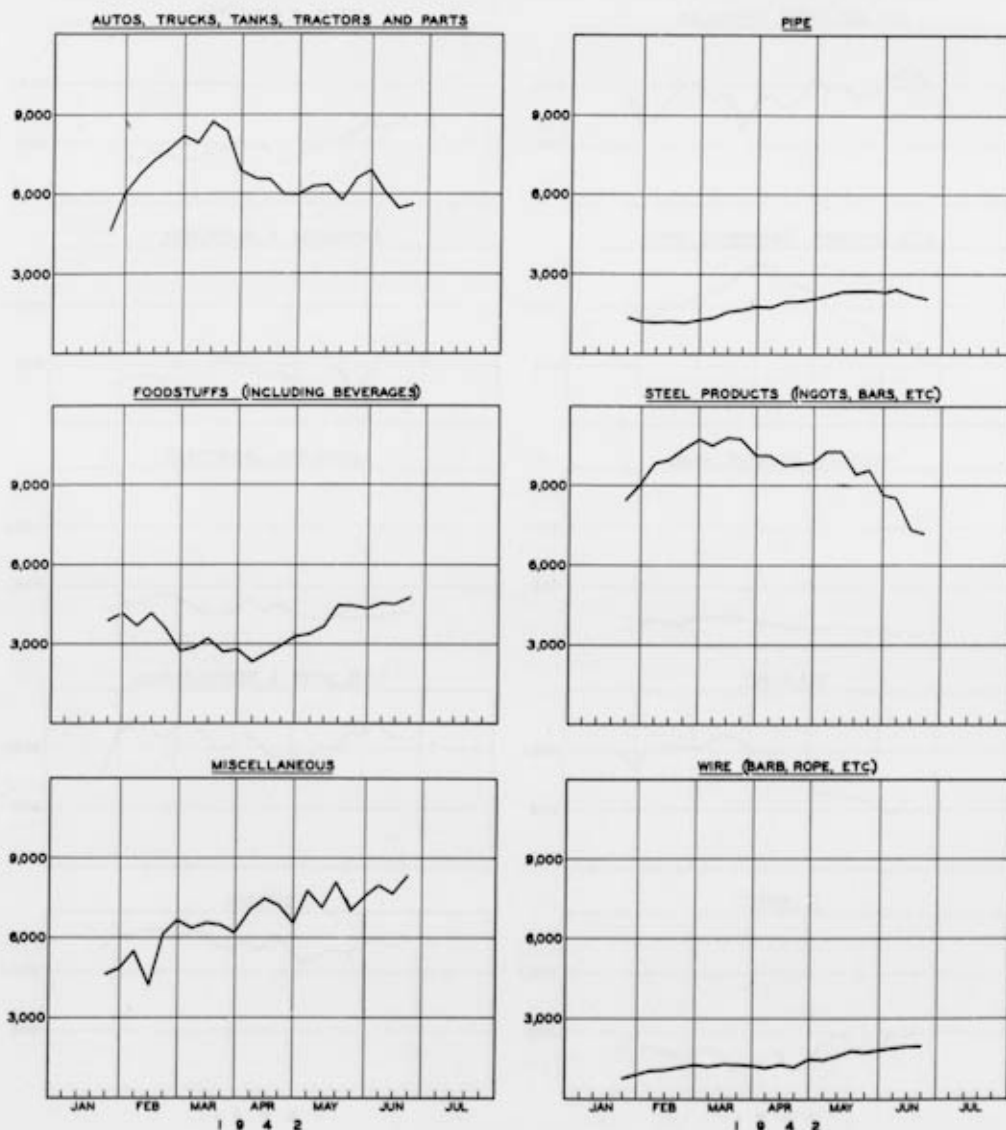
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS
AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 7

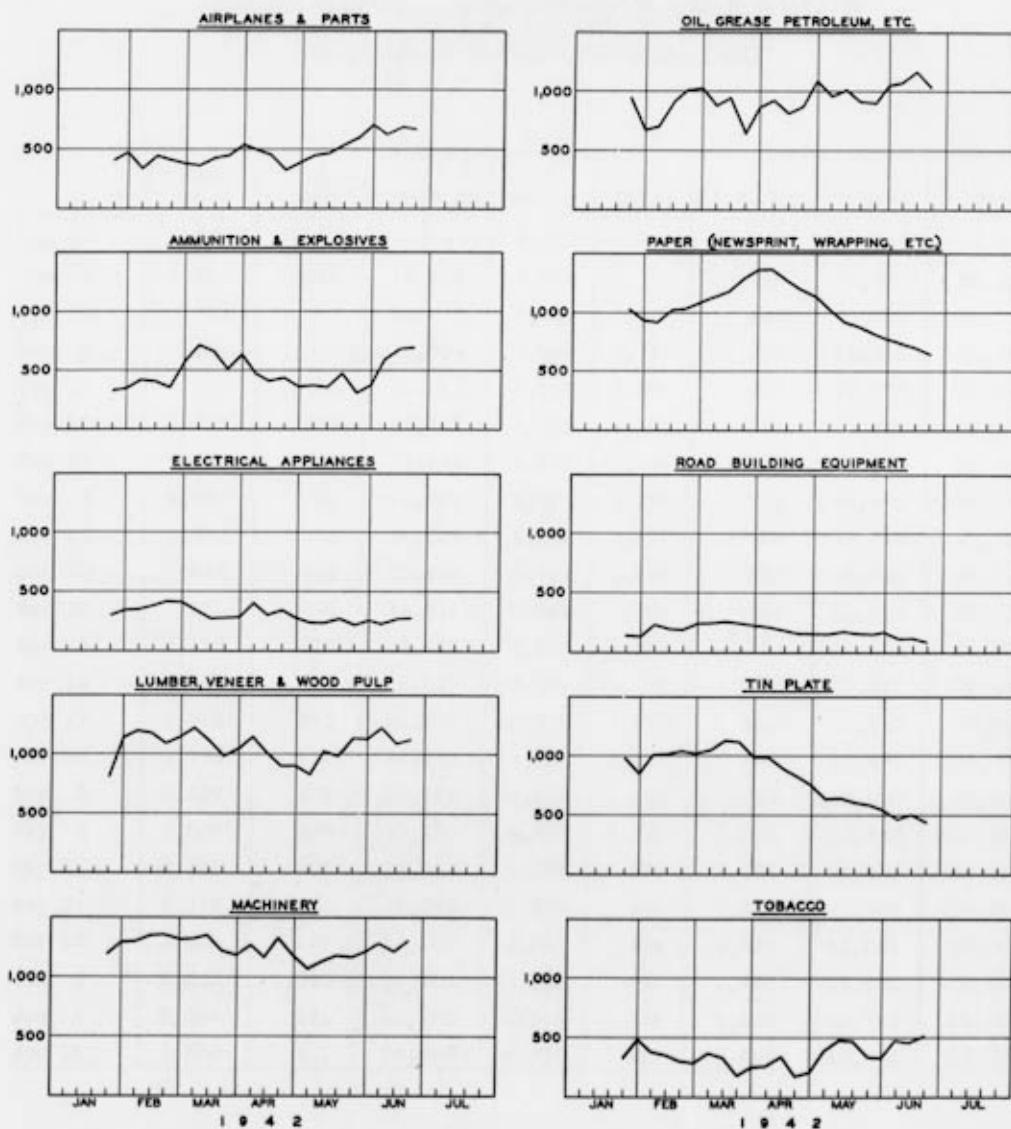
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE
AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE
AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - CONSIGNEES OF RAIL FREIGHT AT PRINCIPAL PORTS - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON
RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED
FACILITIES AT THIRTEEN PRINCIPAL PORTS

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
Jan 16	538	173	8,087	1,809		447	11,146	22,200
Jan 23	756	1,029	14,408	1,892		393	12,457	30,935
Jan 30	650	1,067	14,978	2,490	1,435	485	11,665	32,770
Feb 6	904	1,078	15,802	2,549	1,737	359	12,312	34,741
Feb 13	837	1,149	16,543	2,820	1,828	391	12,778	36,346
Feb 20	1,017	973	16,617	3,651	1,301	352	13,361	37,272
Feb 27	1,490	791	15,980	4,398	1,246	253	14,126	38,284
Mar 6	1,659	754	15,801	4,527	1,196	404	13,800	38,141
Mar 13	1,240	853	18,238	4,569	1,237	459	14,158	40,754
Mar 20	934	838	15,451	4,717	1,289	381	14,524	38,134
Mar 27	983	846	14,532	3,765	1,200	358	14,546	36,230
Apr 3	1,116	918	14,877	3,615	1,232	320	14,361	36,439
Apr 10	1,401	1,051	14,517	3,891	1,258	520	13,797	36,435
Apr 17	1,543	971	14,215	3,907	1,250	520	13,210	35,616
Apr 24	1,756	821	14,246	4,053	1,262	600	12,894	35,632
May 1	1,967	929	14,376	4,827	1,280	742	13,400	37,521
May 8	1,888	896	15,434	4,637	1,086	1,022	12,646	37,609
May 15	2,156	807	16,244	4,271	929	1,456	12,402	38,265
May 22	3,123	980	15,792	3,724	889	1,716	11,602	37,826
May 29	3,605	975	16,144	3,567	886	1,843	11,061	38,081
Jun 5	2,283	1,093	17,204	3,615	886	1,459	11,692	38,232
Jun 12	2,584	884	15,775	3,845	936	1,259	10,713	35,996
Jun 19	2,399	911	15,786	4,777	883	1,259	10,645	36,660

PORT SITUATION - BRITISH RAIL FREIGHT PERCENT OF TOTAL - JUNE 19, 1942

Source of Information: Association of American Railroads - PT Reports 7, 8, & 9

Note: Figures show carloads consigned to British in terms of percentage of total carloads.

EXPORT FREIGHT (EXCLUDING COAL AND GRAIN) ON RAIL AND IN STORAGE

	Portland	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	5 Others	Total
Airplanes & Parts		0	55	33		0	0	75	0	46
Ammunition & Explosives	100	0	70		100	0	41	7	0	64
Autos, Trucks, Tanks, Tractors & Parts	98	67	73	17	68	0	41	53	0	54
Electrical Appliances			22	40	67	100	0	0	0	24
Foodstuffs (incl. bevgs.)	72	96	36	59	71	97	13	0	0	44
Lumber, Veneer & Woodpulp	95	20	37	74	84	100	20	23	3	33
Machinery	0	100	51	29	100	0	0	4	0	46
Oil, Grease, Petroleum, etc.		0	64	30	0	0	10	50	0	29
Paper (Newsprint, Wrapping, etc.)	0	100	2	60	45	0	0	0	0	4
Pipe			29	44	63	0	15	18	0	33
Road Building Equipment			47	100	46		0	0	0	41
Steel Products (bars, etc.)	0	100	44	42	92	14	0	14	1	45
Tin Plate			48	0	0		0	75		54
Tobacco	0		74	80	100	100	93	66		80
Wire (barb, rope, etc.)		68	64	52	83	5	0	20	0	61
Miscellaneous	0	6	37	21	50	27	10	18	49	32
TOTAL	69	57	48	35	71	26	14	29	20	43

LOADED CARS EXPORT AND COASTAL FREIGHT (EXCLUDING COAL) ON HAND

Over 10 Days

	Portland	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	25 Others	Total
June 19, 1942	96	0	50	31	94	92	17	74	46	48

Over 30 Days

	Portland	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	All Others	Total
June 1, 1942	0	100	61	18	55	100	0	0.	79	46

Note: These figures cover railroad owned and operated facilities only and do not include storage space leased and operated by the British Ministry of War Transport at various ports.

NEW MERCHANT VESSEL DELIVERIES - MAY 31, 1942

Source of Information: U. S. Maritime Commission - Report No. 3338

DELIVERIES OF COMPLETED NEW MERCHANT VESSELS OF 2,000 GROSS TONS AND OVER CONSTRUCTED IN THE UNITED STATES

DATE	DELIVERED INTO														TOTAL	
	AMERICAN CONTROLLED MERCHANT SERVICE								FOREIGN CONTROL		U.S. MILITARY SERVICE					
	AMERICAN FLAG				FOREIGN FLAG						Army		Navy			
	Private Control		USMC Control		Private Control		USMC Control									
	No.	Dwt. Tons	No.	Dwt. Tons	No.	Dwt. Tons	No.	Dwt. Tons	No.	Dwt. Tons	No.	Dwt. Tons	No.	Dwt. Tons	No.	Dwt. Tons
1941 July	6	59,670	1	9,046	3	49,875									10	118,591
August	8	95,417			1	16,625									9	112,042
September	8	77,336													8	77,336
October	4	38,428					2	17,768	1	10,100					7	66,296
November	7	83,454							3	32,800					10	116,254
December	4	44,675	2	21,000					1	10,100			1	9,500	8	85,275
1942 January	8	103,037	3	31,841					4	40,400			2	32,450	17	207,728
February	8	99,135	12	127,414					4	40,400	2	Tugs No Dwt.			26	266,949
March	3	37,250	16	172,073					4	40,400			3	41,750	26	291,473
April	3	43,260	27	297,772					6	60,600					36	401,632
May	3	39,025	43	464,013					9	90,900			2	25,841	57	619,779
TOTAL	62	720,686	104	1,123,159	4	66,500	2	17,768	32	325,700	2		8	109,541	214	2,363,354

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Statistical Control, AAF and British Air Commission
Materiel Command and Base Services, AAF

ARMY AIRPLANE ACCEPTANCES

Previous upward trend in June of Army acceptances of airplanes over the corresponding May procurement leveled off in the third quarter of the month. Accelerated acceptances of pursuits and service combat were offset by a decline in bomber and trainer production. Comparative acceptances for the two periods are shown in the following table.

Type	May 1-23	Jun 1-23	Unit Change	Percent Change
Bombers	437	385	- 52	- 12
Pursuits	283	438	+ 155	+ 55
Service Combat	226	313	+ 87	+ 38
Trainers	1,033	872	- 161	- 16
Total	1,979	2,008	+ 29	+ 1

U. S. AIRPLANE POOL

Production figures for airplanes given in this report cover acceptances. Although legal title passes with acceptances at the plant by representatives of the procuring agencies, some of the planes are not flyable because they lack propellers or other equipment normally installed at the plant. These units fall into an accepted but undelivered "pool" at the plants until shortages are met. As of June 23, the pool consisted of 843 units for all customers. This was 218 units less than at the end of May and indicated easing of shortages of Government furnished equipment.

COMMENT ON PRODUCTION

Republic reported no current shortages on June 15 for the Thunderbolt (P-47B) on which production is now under way for the Army. Tooling for peak output of this crack pursuit is 81 percent complete. The goal is 200 units per month early in 1943.

Britain has abandoned its large contract for the P-38 type of 2-engine fighter produced by Lockheed. British version of the P-38 was known as the Lightning. All Lightning production will now be shifted to the P-38 line for the Army Air Forces after necessary modifications are made.

Unofficial reports list the following reasons for the British action in regard to the Lightning:

- (1) Poor visibility in combat because of the twin engines placed on either side of the pilot.
- (2) Fluttering or vibration in flight, particularly of the tail section.
- (3) Difficulty in bailing out because of the twin engines.

BRITISH PROCUREMENT IN U. S.

Direct procurement program of airplanes by Britain in the United States (exclusive of International Aid) totaled 12,430 units on June 13. Of these, 10,110 were delivered and 9,100 were shipped. Of the remainder delivered, 530 were transferred to the Army Air Forces, 330 were at factories or in transit and 140 were awaiting shipment. Unfilled British orders amounted to 2,320 units.

ENGINES

Production of engines for Army airplanes in the first half of June was 2,963 units. This represented an increase of 14 percent over the comparable May period when 2,607 units were accepted. Data on production of engines for Ordnance and other customers are not available until the end of the month.

100-OCTANE AVIATION GASOLINE

Comparative data on the status of 100-octane aviation gasoline for the Air Forces are shown in the table below for the month before the war and for May, 1942. More than doubled monthly consumption since November has resulted in a dwindling of stocks. This has not been compensated for by the slight rise in promised deliveries. Figures are in millions of gallons.

Status	Nov 1941	May 1942	Percent Change
Monthly consumption	13.3	31.3	+ 135.3
Total stock in tanks	53.4	37.0	- 30.7
(In AAF tanks	15.2	13.3	- 12.5
(In commercial tanks	38.2	23.7	- 37.9
Purchased but not delivered	51.0	58.1	+ 13.9

TABULAR SUMMARY - STATUS OF ARMY AIRPLANE PROCUREMENT PROGRAM - JUNE 23, 1942

Source of Information: Aircraft Branch, WPB
Statistical Control, AAF

Type	Authorized (a)	Req'd prod 1942(b)	Accepted Jan 1, 1942 to June 23	June Army Acceptances				
				Quarter Monthly				Total
				1-8	9-15	16-23	24-30	
Heavy Bomber	18,394	3,300	847	28	41	57		126
Medium Bomber, 2-eng	10,193	5,630	721	27	46	61		134
Light Bomber, 2-eng	4,953	5,360(d)	1,213	49	44	32		125
Light Bomber, 1-eng	9,220	1,840	0	0	0	0		0
Fighter, 2-eng	5,135	1,810	608	11	14	49		74
Fighter, 1-eng	23,041	11,180	2,608	78	136	150		364
Total Combat	70,936	29,120	5,997	193	281	349		823
Communications	2,773	2,300	1,675	73	95	87		255
Transport	10,583	1,800	404	22	13	23		58
Total Service Combat	13,356	4,100	2,079	95	108	110		313
Total Tactical	84,292	33,220	8,076	288	389	459		1,136
Adv Trainer, 2-eng	8,954	3,600	1,427	39	52	44		135
Adv Trainer, 1-eng	11,899	3,300	1,375	82	74	74		230
Basic Trainer	9,839	3,600	1,906	75	75	89		239
Primary Trainer	14,996	4,500	2,420	99	84	85		268
Total Trainer	45,688	15,000	7,128	295	285	292		872
Grand Total	129,980	48,220	15,204	583	674	751		2,008

Type	Monthly Army Acceptances						
	Actual			Estimated (c)			
	Mar 1942	Apr 1942	May 1942	Jun 1942	Jul 1942	Aug 1942	Sep 1942
Heavy Bomber	156	171	178	204	228	259	296
Medium Bomber, 2-eng	200	137	159	241	267	297	334
Light Bomber, 2-eng	216	109	272	349	407	424	465
Light Bomber, 1-eng	0	0	0	0	75	136	77
Fighter, 2-eng	100	101	100	71	70	70	51
Fighter, 1-eng	463	435	482	617	714	754	869
Total Combat	1,135	953	1,191	1,482	1,761	1,940	2,092
Communications	334	379	295	167	8	23	43
Transport	69	113	89	134	170	172	174
Total Service Combat	403	492	384	301	178	195	217
Total Tactical	1,538	1,445	1,575	1,783	1,939	2,135	2,309
Adv Trainer, 2-eng	280	278	346	334	363	452	485
Adv Trainer, 1-eng	212	250	276	308	351	409	440
Basic Trainer	325	338	325	325	338	381	405
Primary Trainer	489	381	492	455	425	459	463
Total Trainer	1,306	1,247	1,439	1,422	1,477	1,701	1,793
Grand Total	2,844	2,692	3,014	3,205	3,416	3,836	4,102

Note: Data cover procurement for Army Air Forces, for Army International Aid and procurement by Army for Navy.

(a) Excludes acceptances prior to January 1, 1942.

(b) Requirement based on 8-J Report - WPB.

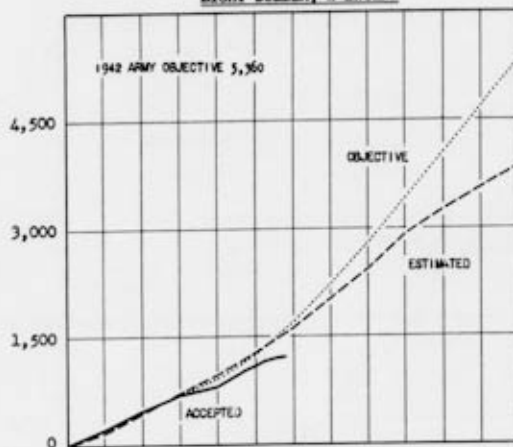
(c) Initial Army estimate from 8-J Report - WPB.

(d) Revised requirement.

ARMY AIRPLANE PROCUREMENT - JUNE 23, 1942

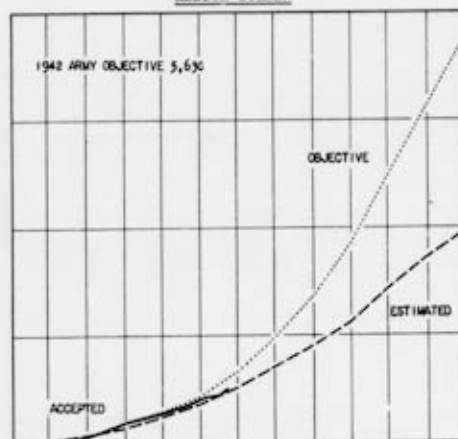
Source of Information: Objectives and estimates: 8-Series - WPB
 Acceptances: Statistical Control - AAF

LIGHT BOMBER, 2-ENGINE



1942 CUMULATIVE	179	434	735	960	1269	1618	2025	2449	2914	3275	3570	3865
ESTIMATE	227	491	707	816	1008	1211	1414	1617	1820	2023	2226	2429
ACCEPTANCES	179	255	301	225	309	349	407	474	455	361	295	295
MONTHLY	227	264	216	109	270	125	125	125	125	125	125	125
ESTIMATE	227	264	216	109	270	125	125	125	125	125	125	125
ACCEPTANCES	227	264	216	109	270	125	125	125	125	125	125	125
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

MEDIUM BOMBER



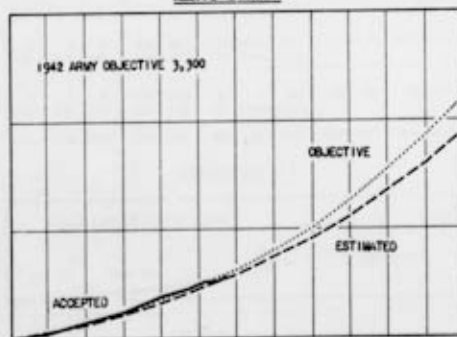
40	107	216	365	550	791	1058	1355	1689	2137	2585	2927
19	91	291	428	587	791	1058	1355	1689	2137	2585	2927
40	67	109	149	185	241	267	297	334	448	448	342
19	72	200	137	155	134	134	134	134	134	134	134
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

LIGHT BOMBER, 1-ENGINE



0	0	0	0	0	0	0	75	211	288	392	605	830
0	0	0	0	0	0	0	75	211	288	392	605	830
0	0	0	0	0	0	0	75	136	77	104	211	235
0	0	0	0	0	0	0	75	136	77	104	211	235
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

HEAVY BOMBER

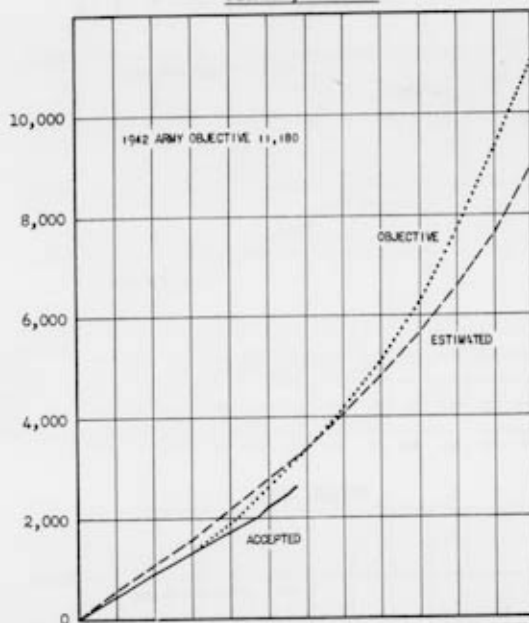


84	194	330	495	678	882	1110	1369	1665	2009	2398	2839
82	216	372	543	721	847	THRU 6/23					
84	110	136	165	183	204	228	259	296	344	389	441
82	134	156	171	178	126	THRU 6/23					
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

ARMY AIRPLANE PROCUREMENT - JUNE 23, 1942

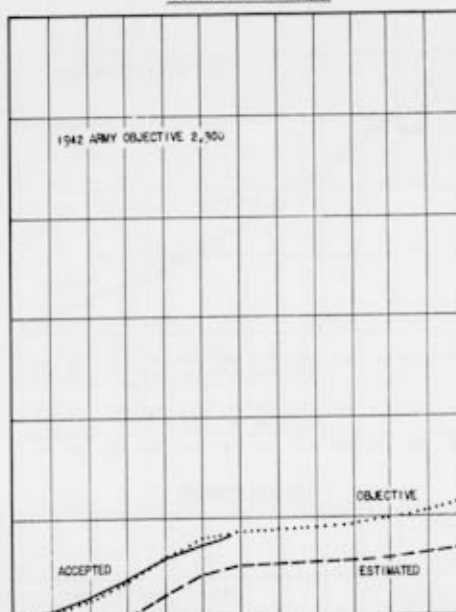
Source of Information: Objectives and Estimates: 8-Series - WPB
 Acceptances: Statistical Control - AAF

FIGHTER, 1-ENGINE



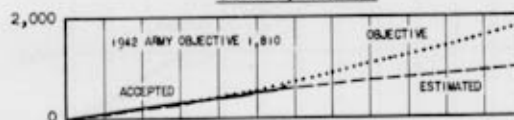
1942 CUMULATIVE ESTIMATE	531	1064	1562	2129	2729	3346	4060	4814	5683	6615	7683	8884
ACCEPTANCES	404	864	1327	1762	2244	2608	(THRU 6/23)					
MONTHLY ESTIMATE	531	533	498	567	600	617	714	754	869	932	1068	1201
ACCEPTANCES	404	400	463	435	482	364	(THRU 6/23)					
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

COMMUNICATIONS (a)



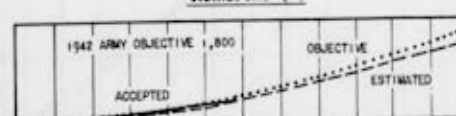
0	0	0	454	869	1036	1044	1067	1110	1175	1260	1364
122	412	746	1125	1420	1675	(THRU 6/23)					
0	0	0	454	415	167	8	23	43	65	85	104
122	290	334	379	295	255	(THRU 6/23)					
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

FIGHTER, 2-ENGINE



1942 CUMULATIVE ESTIMATE	101	216	316	454	555	606	676	746	797	849	916	996
ACCEPTANCES	106	233	333	434	534	608	(THRU 6/23)					
MONTHLY ESTIMATE	101	115	100	138	81	71	70	70	51	52	67	80
ACCEPTANCES	106	127	100	101	100	74	(THRU 6/23)					
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

TRANSPORT (a)

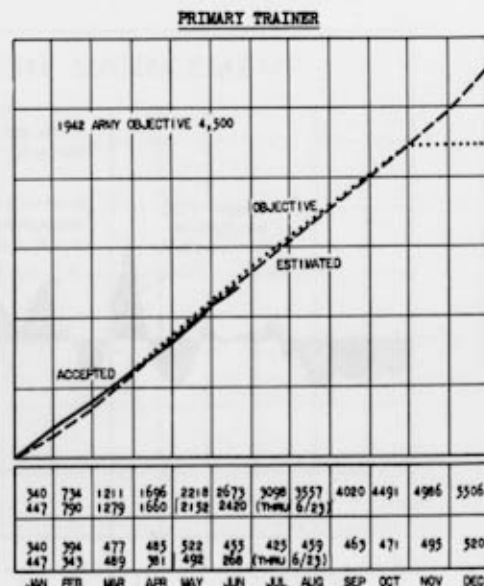
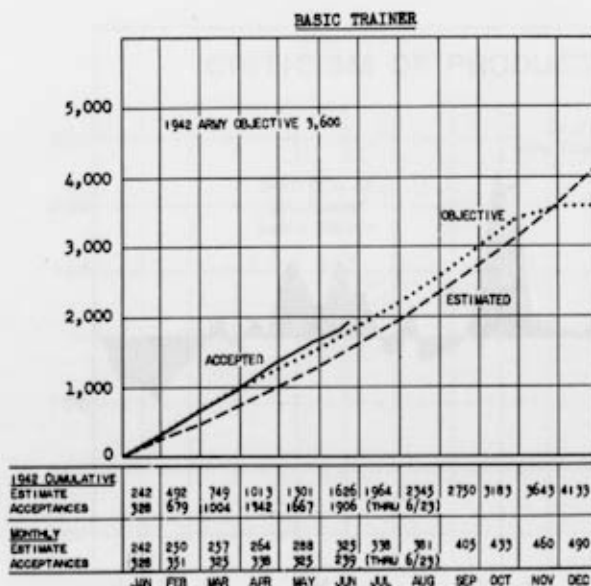
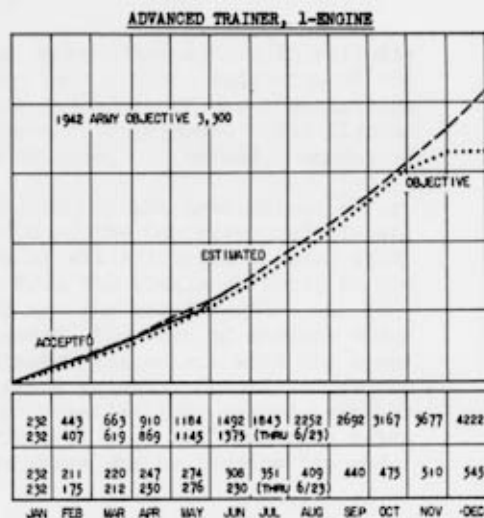
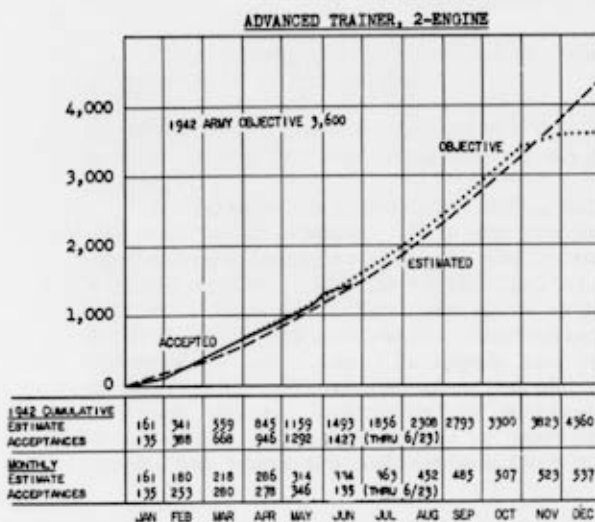


29	53	105	187	285	419	589	761	935	1125	1304	1532
29	75	144	237	346	404	THRU	6/23)				
29	24	32	82	98	134	170	172	174	190	179	228
29	46	69	113	89	58	THRU	6/23)				
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

(a) Acceptances revised by reclassification of C-61 from Transport to Communications class.

ARMY AIRPLANE PROCUREMENT - JUNE 23, 1942

Source of Information: Objectives and Estimates: 8-Series - WPB
 Acceptances: Statistical Control - AAF



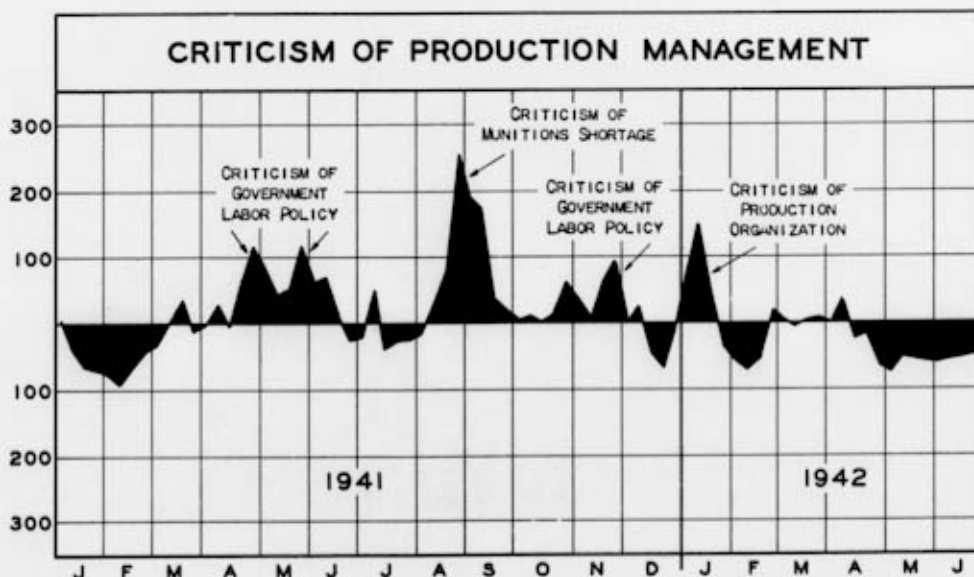
NOTE: TRAINER ESTIMATES FOR ALL CUSTOMERS IN 1942 ARE 30 PERCENT IN EXCESS OF THE PRESIDENTIAL OBJECTIVE OF 15,000 UNITS. THE OBJECTIVES ABOVE REPRESENT THE ESTIMATE FOR EACH TYPE REDUCED IN PROPORTION TO ITS WEIGHT IN THE TOTAL ESTIMATE. THE ENTIRE U. S. TRAINER OBJECTIVE HAS BEEN ASSIGNED TO THE ARMY AS DIRECT PROCUREMENT OF THIS TYPE BY OTHER AGENCIES IS NEGLIGIBLE.

EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistics and Progress Branch, Control Division - Headquarters, SOS

The diagram at the bottom of the page shows fluctuations in editorial criticism of the production effort. The data include criticism of the rate of production, of Administration labor policies, of the organization of production agencies and of War Department procurement. The fluctuations are shown as deviations from an average, or normal, amount of criticism.

In January and February, 1941, criticism of the production effort was well below normal. This was the period of the Congressional debate of the Lease-Lend Act when the major part of all editorial comment dealt with questions relating to that policy. From the middle of April to the middle of June criticism was above normal and the chief factor was discontent with Administration attitudes toward the wave of strikes which occurred at that time. In August and September discontent with the speed of production lifted the line to its highest point. Shortly after the outbreak of war, criticism of Washington organization caused another sharp peak. Since the middle of last April criticism has been well below normal but there are indications that this phase may be nearing its end.



~~SECRET~~
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WEEKLY STATISTICAL SUMMARY

NUMBER 146

JULY 5, 1942

STATISTICS AND PROGRESS BRANCH
CONTROL DIVISION
HEADQUARTERS - SERVICES OF SUPPLY

WAR DEPARTMENT

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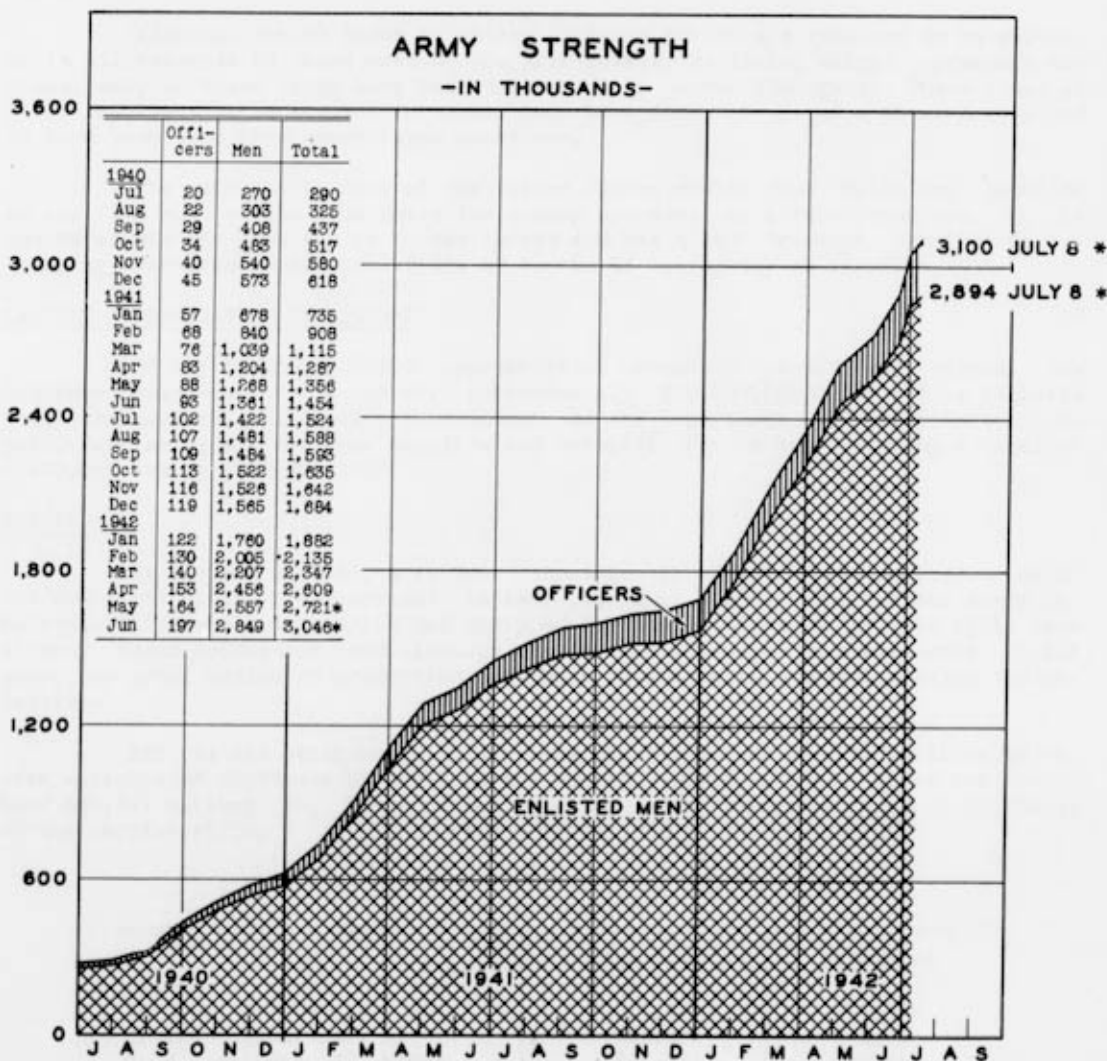
WEEKLY STATISTICAL SUMMARY
REPORT NO. 146
JULY 9, 1942

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ARMY STRENGTH - JULY 8, 1942

Source of Information: Statistics Branch, General Staff



* Estimates

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TEXT SUMMARY - ORDNANCE DEPARTMENT - JULY 9, 1942

Source of Information: Ordnance Department and Statistics and Progress Branch,
Control Division, Headquarters, SOS

TANKS

Although the M3 tanks in action in North Africa are reported to be superior in all respects to those used by the Axis powers, including weight, armament and speed, many of these tanks have been destroyed by German 88mm guns. These guns, at first reported to be mounted in tanks, have been found to be of a wheeled type and to have been used from camouflaged positions.

The main shortcoming of the United States medium tank, M3 is the location of the 75mm gun on the side where the gunner operates in a restricted arc. On the new M4 models the 75mm gun is in the turret and has a 360° traverse. Facilities are changing over from production of the M3 to the M4 as rapidly as possible.

LARGEST APPROPRIATION IN HISTORY

Of the \$42,000,000,000 appropriation recently passed and signed, the Ordnance Department is to receive approximately \$10,000,000,000. It is believed that this amount will cover expenditure of the Department for approximately one year, furnishing all ordnance supplies and materiel for an army reaching a total of 4,500,000 men by June 30, 1943.

RIFLES

By the end of 1942, a serious shortage is expected in the production of the new light rifle, the carbine, caliber .30, M1. Although two of the seven facilities which are being tooled and equipped for the manufacture of this rifle have already begun production and although others are scheduled to start later in the year, the total estimated production of these plants falls materially below the objective.

Efforts are being made to increase the output of the M1903 rifles to reduce anticipated shortages of carbines and the M1 (Garand) rifle. There are now on hand 540,547 caliber .30, M1917 rifles which may also be applied against shortages of the carbine rifle.

1942 Production

Rifle	Objective	Estimated
Carbine, caliber .30, M1	2,015,901	224,375
U. S., caliber .30, M1	983,376	678,431
U. S., caliber .30, M1903	264,931	465,858

ARTILLERY AND COMBAT VEHICLES - LIMITING FACTORS - JUNE 15, 1942

Source of Information: Ordnance Department

Tabulated below are items of artillery and combat vehicles, the production of which is to be accelerated by all possible means. The items and the limiting factors are those indicated on the Ordnance Department Short List of June 15, 1942.

Item	1942 Production		Limiting Components Which Must be Expedited
	Required	Thru June 15	
<u>ARTILLERY</u>			
37mm AA gun, M1A2	3,500	420	Mechanism, M1A2 Oil gears for remote control system, M1
40mm AA gun, M1	11,100	854	Gun, M1 Oil gears for remote control system, M3 & M5
57mm AT gun, M1	1,059	357	Carriage, M1 Recoil mechanism, M1
75mm pack howitzer	1,213	210	Howitzer, 75mm, M1A1 Carriage, pack, M1
90mm AA gun, M1 & M1A1	2,750	648	Mount, M1A1 Remote control system, M2 Instrument, observ., AA, BC, M1
155mm gun, M1	458	188	Gun, M1
<u>TANK AND COMBAT VEHICLES</u>			
Scout car, M3A1	9,406	1,077	Armor plate, rolled (face hardened)
Car, half-track, M2 & M4	4,636	2,224	Armor plate, rolled (face hardened)
Car, half-track, M3	4,547	1,637	Armor plate, rolled (face hardened)
Light tank, M3, M3A1, & M5	10,588	2,661	Generator, Engine Motor generator set for M3A1 & M5 only Hydraulic turret traversing mechanism All armor castings Gun, mount, M23 Mechanism, Gun, Hand traversing, M3 Transmission All armor castings Cast turret rings (machining) for M4 only 75mm gun, M2 & M3, tank Armor plate, homogeneous Top carriage (Gun Mount) M25 (Formerly M22)
Medium tank, M3 & M4	14,000	3,952	Howitzer, 75mm, M1A1 Armor plate, rolled (face hardened) Armor plate, homogeneous
37mm gun motor carriage, M6	2,539	234	
75mm howitzer (SP)	1,839	201	
105mm howitzer (SP) M7	2,782	419	

MEDIUM TANKS - TRANSMISSIONS AND ENGINES - JUNE 15, 1942

Source of Information: Ordnance Department

TRANSMISSIONS

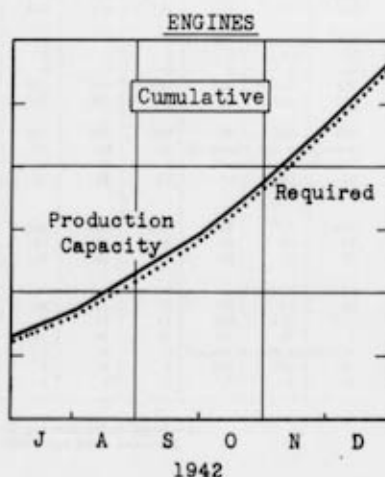
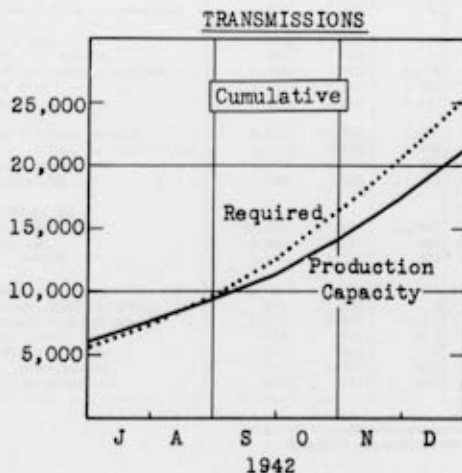
The transmissions and final drive unit is one of the most difficult and complicated parts of the tank to manufacture, approximately 50 percent of the machining for the entire tank being done on this unit. The construction of this component is such that a mass production setup is difficult.

A reserve bank of the various components is needed for supplying the assembly line. To allow time for accumulating this reserve a lag of 30 days has been applied to the estimated transmission production. The transmission requirements indicated below include 12 percent spares.

ENGINES

The engine situation appears to be satisfactory at present. There are, however, two facilities which are manufacturing experimental types. Difficulties are apt to arise in performance and maintenance of these new engines. In the past, approvals have been given for the diversion of engines to other programs. It has been recommended that no more of these diversions be approved.

Engine spares have been figured at 25 percent. The 30 day lag has been applied as in the case of the transmission and final drive unit.



TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE EQUIPMENT ITEMS ON ARMY SUPPLY PROGRAM - JUNE 30, 1942

Source of Information: Ordnance Department

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1 - Jun 30	Mar	Apr	May	Jun	Jun	Jul	Aug
COMBAT VEHICLES											
Scout car, M3A1	16,538	16,538	9,406	1,499	0	298	390	814	900	1,100	1,200
Personnel carrier, M2 & M4	9,735	9,735	4,536	2,360	480	220	287	43	124	424	858
Personnel carrier, M3	20,182	15,182	4,547	1,844	192	198	301	390	300	300	250
Armored cars (all)	14,370	9,300	8,937	0	0	0	0	0	0	0	10
Tank, light	24,582	24,582	10,588	3,112	418	547	635	771	647	783	975
Tank, medium	40,692	40,692	14,000	4,563	672	817	903	965	1,160	1,425	1,685
Tank, heavy	1,037	800	115	0	0	0	0	0	2	4	10
SMALL ARMS											
Rifle, cal.30, M1	1,256,949	1,206,949	983,376	300,511	49,180	53,280	58,481	58,960	56,000	58,800	60,000
Carbine, cal.30, M1	1,656,468	1,607,243	2,015,901	382	0	0	0	362	1,408	3,500	9,200
Rifle, cal.30, M1903	1,710,203	806,727	264,931	137,547	21,889	28,982	29,470	32,182	29,000	31,000	31,000
Rifle, auto. Brg., cal.30, M1918A2	33,839	31,219	43,520	7,564	900	1,170	2,735	1,780	1,800	1,800	1,800
Machine gun, cal.30, AC	224,710	134,859	114,957	45,245	6,090	9,221	9,737	10,050	8,570	9,279	9,565
Machine gun, cal.30 (Var.)	443,583	435,599	132,850	64,080	10,849	11,010	13,335	16,068	12,777	14,860	16,278
Submachine gun, cal.45	1,619,094	800,227	976,183	300,275	48,092	54,340	56,384	58,960	59,000	59,000	73,000
Machine gun, cal.50, AC	518,054	351,552	188,488	97,232	15,530	18,806	20,495	20,730	18,038	19,450	19,955
Machine gun, cal.50, AA	58,094	56,704	32,436	17,009	2,035	3,335	4,144	4,713	4,490	4,825	4,825
Machine gun, cal.50, HB	121,400	120,170	73,459	16,652	2,656	3,339	3,150	3,751	3,300	4,050	4,750
ARTILLERY											
Gun, 30mm, AC	141,622	141,425	41,710	26,458	3,912	4,738	5,295	5,282	5,501	7,110	7,720
Gun, 37mm, AC	14,516	13,712	4,983	2,154	350	400	425	462	600	717	810
Gun, 37mm, AA	2,673	2,673	3,500	557	81	83	180	203	200	250	250
Gun, 37mm, tank, M2 & M3	66,796	66,779	19,763	9,998	1,496	1,782	1,896	2,005	2,323	2,875	3,378
Gun, 37mm, AT, wheeled	20,050	20,050	14,461	4,592	394	752	1,002	962	1,200	1,400	1,500
Gun, 37mm, AT, self-propelled	5,404	5,404	2,539	579	0	0	157	422	350	200	200
Gun, 40mm, AA, M1	25,790	15,790	11,100	1,147	65	65	428	589	800	800	1,100
Gun, 57mm, AT, wheeled	8,500	8,500	1,059	580	2	75	178	295	210	290	395
Gun, 57mm, AT, self-propelled	2,545	0	1,813	0	0	0	0	0	Schedule not available		
Mortar, 60mm	17,442	17,442	3,729	2,705	379	323	202	854	900	1,000	500
Howitzer, 75mm, field & pack	2,087	2,087	1,213	284	0	48	54	48	117	115	235
Howitzer, 75mm, self-propelled	2,616	500	1,839	201	68	86	0	0	Schedule not available		
Gun, 75mm, tank	46,909	46,015	14,190	6,602	796	922	1,288	2,415	2,025	2,391	2,572
Gun, 75mm, AT, self-propelled	1,350	1,350	80	700	101	218	206	174	175	225	155
Gun, 3", tank	115	115	115	0	0	0	0	0	Starts in Sept 1942		
Gun, 3", AT, wheeled	100	100	0	0	0	0	0	0	0	20	10
Gun, 3", AT, self-propelled	6,446	1,880	5,378	0	0	0	0	0	0	0	19
Mortar, 81mm	8,733	7,199	3,720	2,137	286	281	320	652	500	500	500
Gun, 90mm, AA	8,000	7,624	2,750	766	84	137	171	186	193	220	262
Howitzer, 105mm, wheeled	3,914	3,898	3,035	2,118	479	467	356	128	394	163	295
Howitzer, 105mm, self-propelled	4,010	3,686	2,782	449	177	181	33	58	Schedule not available		
Howitzer, 155mm, new	1,270	1,270	450	0	0	0	0	0	Starts in Sept 1942		
Gun, 155mm, M1	765	465	458	211	31	31	35	37	30	40	45
FIRE CONTROL, AA											
Director, M2 & M3	36,995	27,884	18,767	1,588	144	254	442	672	546	755	1,055
Director, M7	3,517	3,117	986	161	21	27	31	32	25	29	34
Finder, height	2,101	2,101	942	99	18	17	24	26	24	25	36
Instrument, binocular training	17	17	11	7	0	0	0	0	0	0	10
Instrument, flank spotting	662	608	0	456	100	24	51	75	75	75	29
Instrument, observation, BC	2,712	2,672	1,231	103	16	5	15	61	100	150	161
Locator, sound	714	714	930	247	47	36	46	36	54	32	0
Rule, flank spotting	222	204	0	204	68	0	134	0	Schedule not available		
Tester, stereoscopic	1,039	1,039	414	0	0	0	0	0	312	150	150
Trainer, stereoscopic	836	381	261	39	5	8	3	7	7	6	6

Figures include procurement for International Aid and other services.

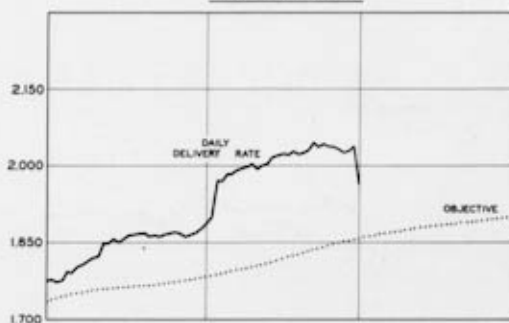
* Quantity accepted prior to January 1, 1942, has been excluded.

DAILY DELIVERY RATES - ORDNANCE PROCUREMENT - JUNE 30, 1942

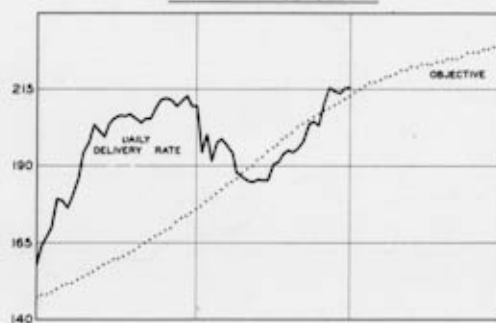
Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.

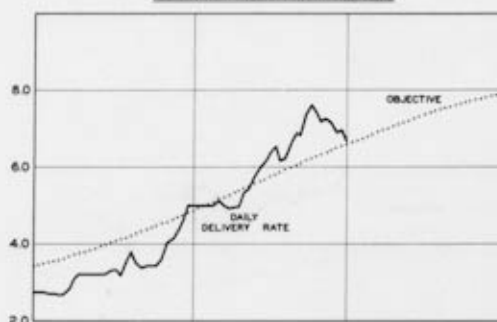
RIFLE, CAL. 30. MI



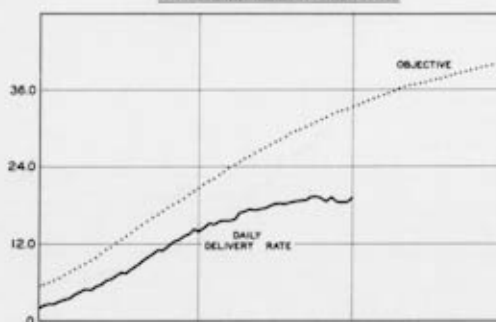
AUTOMATIC GUN, 20 MM



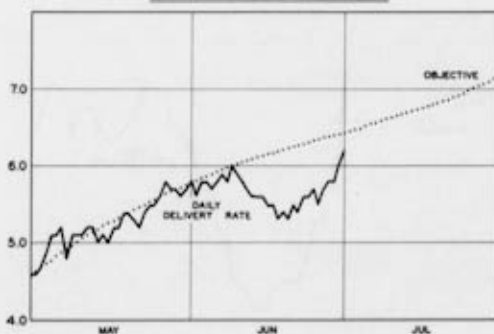
ANTI-AIRCRAFT GUN, 37MM



ANTI-AIRCRAFT GUN, 40MM



ANTI-AIRCRAFT GUN, 90MM



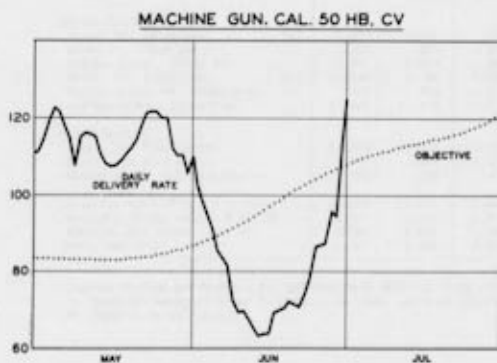
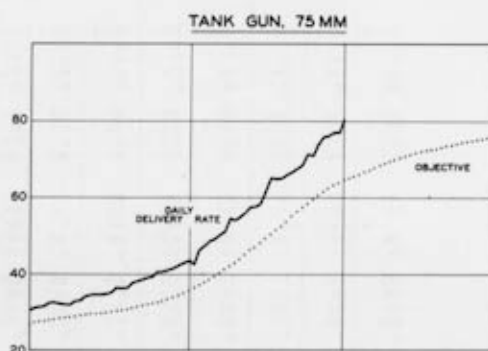
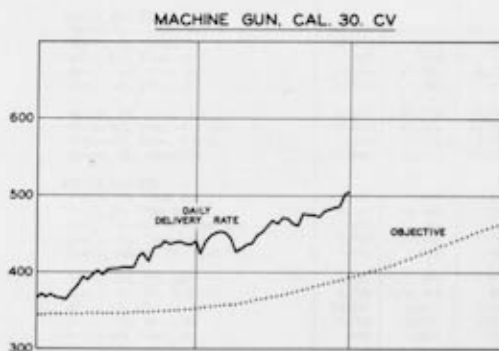
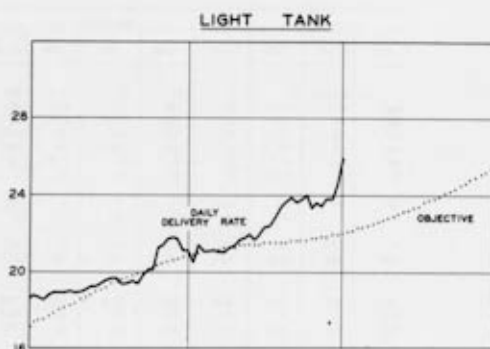
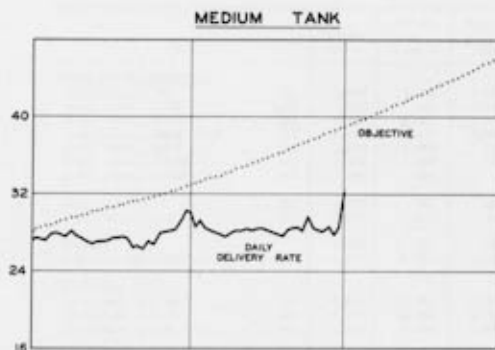
HOWITZER, 105MM



DAILY DELIVERY RATES - ORDNANCE DEPARTMENT - JUNE 30, 1942

Source of Information: Ordnance Department

Daily rates are averages for the past 30 days of schedules and of deliveries. Statistically, the points plotted each day are 30-day moving averages trailed.



TABULAR SUMMARY - STATUS OF SELECTED ORDNANCE AMMUNITION ITEMS ON ARMY SUPPLY PROGRAM - JUNE 30, 1942

Source of Information: Ordnance Department

(Figures in thousands)

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated			
				Jan 1 - Jun 30	Mar	Apr	May	Jun	Jun	Jul	Aug	
BOMBS AND PYROTECHNICS												
Bomb, frag., 200#	(a)	1,226	1,222	1,227	260	110	0	0	0	Not scheduled		
Bomb, chem., 1000#	(ab)	3,615	345	2,104	155	25	31	36	45	100	112	125
Bomb, dem., 1000#	(a)	5,240	5,258	1,897	710	279	137	180	58	100	90	125
Bomb, dem., 2500, 3000#	(a)	4,921	4,000	1,252	230	39	44	40	23	28	40	70
Bomb, dem., 5000#	(a)	1,899	1,509	815	259	23	45	31	54	80	80	40
Bomb, dem., 10000#	(a)	1,255	608	724	25	(c)	2	8	8	7	15	35
Bomb, dem., 20000#	(a)	269	191	58	3	0	0	0	0	(e)	3	
Bomb, SAP, 5000#	(a)	1,257	927	491	26	0	0	4	22	25	40	50
Bomb, SAP, 10000#	(a)	565	419	269	0	0	0	0	0	0	0	5
Flares		3,982	533	976	74	5	11	12	45	118	115	115
Signals, aircraft		14,766	3,060	4,039	277	62	40	20	125	250	250	250
SMALL ARMS												
Cartridge, cal.30	**	16,996	15,441	7,067	2,309	306	418	522	594	662	753	827
Cartridge, cal.45	**	6,902	5,454	3,199	358	65	74	66	59	76	87	105
Cartridge, cal.50	**	5,540	5,334	2,279	375	45	58	99	124	151	204	250
Link, metallic belt, cal.30	**	4,263	2,246	2,579	235	35	41	47	47	51	67	156
Link, metallic belt, cal.50	**	5,440	3,928	2,765	547	101	100	106	133	136	159	166
MINOR CALIBERS												
Cartridge, 20mm, AC		245,586	203,910	108,454	29,083	3,592	6,127	5,524	4,681	7,180	8,725	11,000
Shell, HE, 37mm, AC		12,486	9,510	1,628	912	441	49	165	9	0	0	0
Shot, AP, 37mm, AC		692	543	567	140	12	22	27	79	20	30	50
Shell, HE, 37mm, AA		17,255	17,255	5,105	4,167	383	534	485	780	850	800	760
Shot, AP, 37mm, AA		2,016	1,109	883	53	0	0	0	53	80	83	143
Shell, HE, 37mm, T & AT		52,268	21,706	12,377	2,333	432	466	706	656	1,000	1,250	1,850
Shot, AP, 37mm, T & AT		76,208	47,878	22,926	7,610	1,011	1,905	1,886	2,125	2,500	2,500	2,800
Cantilever, 37mm, T & AT		5,332	4,103	1,374	580	0	79	171	430	300	300	300
Shell, HE, 40mm, AA		70,989	28,918	20,653	1,228	180	153	221	196	280	300	1,000
MEDIUM CALIBERS												
Shell, HE, 75mm gun		21,893	7,429	10,594	2,724	473	596	460	608	509	500	590
Shot, AP, 75mm gun		23,546	23,546	7,159	2,393	227	506	539	785	890	750	750
Shell, smoke, WP, 75mm gun	(a)	407	350	136	280	0	88	87	0	Not scheduled		
Shell, HE, 75mm how.		16,442	10,136	6,748	2,694	541	505	659	562	650	708	408
Shell, smoke, WP, 75mm how.		1,901	618	601	111	0	0	22	69	60	60	60
Shell, HE, 3", AA		1,935	1,740	782	1,362	228	404	228	152	166	155	163
Shell, HE, 3", T & AT		4,738	4,081	888	88	15	0	0	58	(e)	80	100
Shot, AP, 3", T & AT		15,481	9,017	2,599	80	0	0	0	80	100	100	125
Shell, HE, 90mm, AA		11,096	10,317	5,866	1,097	0	177	300	292	270	330	270
Shot, AP, 90mm, AA		554	675	360	0	0	0	0	0	0	1	8
Shell, HE, 105mm how.		32,856	28,260	10,855	3,831	810	752	584	706	820	825	880
Shell, smoke, WP, 105mm how.		4,149	3,196	1,262	276	19	96	41	121	70	90	100
SEPARATE LOADINGS												
Shell, HE, 155mm gun	(a)	1,402	1,376	758	167	55	20	0	26	15	60	80
Shot, AP, 155mm gun		301	263	295	4	0	0	1	3	10	20	40
Charge, prop., 155mm gun		1,923	1,902	954	695	132	175	101	151	140	70	40
Shell, HE, 155mm how.	(a)	10,093	9,761	4,069	1,863	219	282	414	352	289	250	325
Shell, smoke, WP, 155mm how.	(a)	783	565	263	41	10	0	0	31	30	0	0
Charge, prop., 155mm how.		11,438	11,425	4,772	2,775	646	298	563	449	491	450	450
MISCELLANEOUS												
Shell, HE, 60mm mortar		25,969	25,277	9,159	4,020	591	1,120	518	532	560	1,000	900
Shell, HE, 81mm mortar		7,943	7,694	4,402	1,655	402	468	596	0	200	11	450
Shell, smoke, WP, 81mm mortar		758	745	473	186	0	2	77	107	55	25	0
Grenade, hand, frag. & offensive		15,059	12,911	2,402	270	0	0	0	0	175	445	500
Grenade, rifle, cal.30 & cal.50		3,707	3,707	3,874	844	80	280	200	225	253	245	248
Grenade, HC, smoke, Gd & AC		6,720	6,559	1,726	34	(e)	34	0	0	80	170	180
Mine, antitank		6,056	6,026	2,450	1,055	125	203	478	198	630	650	335

Figures include procurement for International Aid and other services.
 * Quantity accepted prior to January 1, 1942, has been excluded.
 ** Figures in millions.

(a) Unfused.
 (b) Unfilled.
 (c) Less than 1,000.

NEW FACILITIES - TNT AND SMOKELESS POWDER LINES - JUNE 30, 1942

Source of Information: Ordnance Department and Statistics and Progress
Branch, Control Division, Headquarters, SOS

Plans to build twenty-six new TNT lines have been cancelled since February in the ten plants listed below. These cancellations have been made possible by the productive capacity of new plants which have proven to be much higher than was anticipated.

In a number of plants not listed, smokeless powder lines have been substituted where TNT was first planned. The plants listed below show a net reduction of twenty-five lines, one of the TNT lines cancelled being replaced with a smokeless powder line.

Present planned productive capacity could be consolidated into seven or eight plants. This consolidation would result in a considerable saving of construction materials. The fact that construction has barely started on Gopher and Platte suggests that they, and possibly Pennsylvania, might be dropped. However, some room for expansion should be allowed to provide for possible changes in requirements.

Any plant cancellations would require revision of plans for supplying oleum and diphenylamine.

NEW FACILITIES IN WHICH THE COMBINED TOTAL
OF SMOKELESS POWDER AND TNT LINES HAVE BEEN REDUCED

Plant	Proposed number of lines as of 2-26-42		Proposed number of lines as of 6-19-42		Net change in number of lines	Percent completed as of 6-27-42		Estimated cost of plant
	TNT	SP	TNT	SP		Const.	Equip.	
Oklahoma	4	3	3	3	- 1	70	0	\$ 96,000,000
Lake Ontario	6	0	4	0	- 2	33	14	30,500,000
Keystone	12	0	9	0	- 3	32	15	50,000,000
Longhorn	6	0	4	0	- 2	19	15	29,800,000
West Virginia	12	0	9	0	- 3	12	0	54,000,000
Badger	5	4	3	4	- 2	11	0	115,787,940
Kentucky	8	0	4	0	- 4	10	2	37,500,000
Pennsylvania	12	0	9	0	- 3	5	27	57,000,000
Gopher	3	3	0	4	- 2	0	0	144,000,000
Platte	3	3	0	3	- 3	0	0	70,000,000

TEXT SUMMARY - PROCUREMENT OF MOTOR VEHICLES - JUNE 30, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

1/4-ton Truck, Amphibian

Pilot models of the amphibian "Jeep" have been tested and approved. The Ford Motor Company is now working on the dies necessary for the fabrication of the hull. Priority has been given to their production. Production of the first 5,000 will start in September, and will reach a peak of 3,000 units per month on a two shift basis in November. Steps are being taken to determine the 1943 objective to permit continuous operation of the assembly line.

Open Cabs for Trucks

Standard 4x4 vehicles of 1/4, 1/2 and 3/4 ton capacity are now equipped with open cabs. Designs have been tested and approved for open cabs on standard 1-1/2 ton, 4x4; 2-1/2-ton, 6x6; 6-ton, 6x6; and 7-1/2-ton, 6x6, as well as certain International Aid vehicles. First production of open cabs for the heavier vehicles will begin this month on Mack, 10-ton, 6x4 trucks for the British. United States standard vehicles with open cabs will be in production in October, 1942.

Wooden Bodies

Vehicle manufacturers delivering cargo type vehicles have been notified that of future deliveries to be accepted by the Motor Transport Service, not more than 50 percent shall have steel bodies after August 1, and that none having steel bodies will be accepted after September 1.

30,000 wood bodies are now being procured from independent wood body manufacturers. These bodies will constitute a reserve against the failure of prime contractors to meet schedules.

Savings in Shipping Space

The Boxing & Crating Clinic established in April, 1942, has devised a new twin unit pack which will enable tremendous savings in shipping space required for motor vehicles. This is illustrated in the following table:

Type of vehicle	On wheels		Recommended pack		Space saved	
	Type	cu. ft.	Type	cu. ft.	No. of cu. ft.	Percent
3/4-ton Weapons Carrier - L.W.	BU	505	TUP	293	212	41.9
3/4-ton 4x4, Reconnaissance	BU	560	TUP	336	224	40.0
1-1/2-ton 4x4, Cargo	BU	1,168	TUP	437	731	62.6
2-1/2-ton 6x6, Cargo	BU	1,436	TUP	407	1,029	71.7

Notes:

BU -- Built up

TUP-- Twin unit pack

TABULAR SUMMARY - STATUS OF SELECTED Q.M. ITEMS ON ARMY SUPPLY PROGRAM - JUNE 30, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

Item	Author-ized **	Under contract **	Req'd. prod. 1942	Accepted ***				Estimated ***			
				Jan 1- Jun 30	First Quarter 1942	Apr	May	Jun	Jun	Jul	Aug
CLOTHING											
*Belt, web, waist	12,788	10,788	5,599	4,260,250	2,240,000	539,000	822,500	658,750	2,926,600	1,035,000	1,500,000
*Boots, rubber, knee	185	185	291	185,000	111,232	52,607	20,286	875	0	0	0
*Coat, wool serge	8,126	8,126	6,777	3,106,679	1,199,291	575,030	553,035	779,323	1,264,572	723,179	879,000
*Drawers, cotton	35,300	35,300	1,486	13,281,409	5,352,500	2,071,942	3,110,748	2,746,219	4,763,924	3,667,761	987,384
Gloves, wool	11,610	9,610	7,476	3,397,043	1,578,234	489,318	617,409	712,082	597,475	1,010,533	966,200
Jacket, field	11,960	11,960	8,647	2,864,710	1,078,139	547,701	549,750	689,120	1,197,350	518,726	1,331,450
Jacket, HBT	11,475	11,475	5,333	4,302,887	1,557,446	819,596	889,537	1,036,308	1,460,013	1,205,934	672,478
*Leggings, canvas, dismt.	13,963	13,963	8,826	3,139,737	1,287,633	489,626	545,262	817,216	1,144,552	1,728,837	1,304,000
Liner, helmet, steel	13,567	10,567	7,381	2,216,959	767,650	154,084	649,016	646,209	750,000	1,367,959	2,002,000
Overcoat, wool, o.d.	6,172	6,172	3,367	2,243,855	1,022,158	455,601	355,728	410,368	578,552	196,425	344,150
*Raincoat, mtd. & dismt.	8,466	8,466	4,968	1,606,287	920,367	303,974	174,574	207,372	494,049	706,349	1,054,500
*Shirt, cotton	17,970	17,970	5,026	8,721,744	3,693,880	1,816,221	1,760,972	1,450,671	2,971,076	1,114,463	1,480,395
*Shirt, flannel	20,919	20,919	9,991	5,733,362	2,236,719	925,917	1,168,279	1,402,447	1,995,684	1,625,272	1,866,351
*Shoes, service (I. low)	23,979	23,979	11,804	16,436,878	6,739,124	2,974,090	3,171,294	3,552,370	1,820,992	2,831,515	3,088,336
*Socks, cotton	26,894	26,894	7,399	5,636,029	4,770,122	248,312	197,111	420,484	657,041	2,294,187	2,940,000
Suit, one-piece, HBT	6,463	6,463	3,508	2,435,935	919,912	450,869	518,286	546,868	1,703,591	206,166	465,627
*Trousers, cotton, khaki	21,626	21,626	12,868	5,973,743	2,277,397	840,909	1,308,883	1,546,554	1,937,211	1,093,073	1,827,570
Trousers, HBT	11,174	11,174	4,061	4,764,618	1,872,290	870,185	984,286	1,037,857	1,184,706	665,671	611,061
Trousers, wool, o.d.	14,837	14,837	12,773	5,012,805	2,073,068	874,802	761,295	1,303,640	725,676	1,780,976	1,710,390
*Undershirt, cotton	41,466	41,466	4,148	5,402,017	5,414,351	2,636,338	3,469,984	3,881,344	3,413,897	5,137,603	4,499,742
EQUIPAGE											
Bags, barrack	17,754	17,754	8,963	4,546,091	1,073,900	852,143	979,330	1,640,718	1,087,495	1,601,364	2,309,537
Bag, canvas, w. ster.	130	130	38	52,058	25,842	2,616	10,384	13,218	12,000	13,000	13,000
Bar, mosquito	13,252	9,652	5,830	1,165,021	101,698	378,998	318,659	365,666	200,000	238,250	300,000
Belt, cart., dismt.	4,177	4,177	1,583	1,267,245	466,400	220,350	314,020	265,935	468,000	231,420	288,757
*Belt, pistol	6,049	6,049	2,413	1,726,078	677,878	353,209	368,957	326,034	636,680	81,000	291,320
Blanket, wool, o.d.	14,019	14,019	9,278	5,121,067	2,236,667	769,459	963,879	1,151,062	578,842	152,000	742,022
*Can, meat	8,857	8,857	5,037	3,653,163	2,790,496	466,688	504,720	602,259	1,000,000	500,000	610,000
*Canteen, M-1910	4,145	4,125	3,852	2,099,631	1,350,375	234,200	462,800	367,256	580,000	368,000	445,000
Carrier, pack	5,301	5,301	2,534	1,282,827	456,027	276,400	335,400	215,000	400,827	200,000	400,600
Comforter, cotton-filled	9,173	9,173	4,104	2,834,035	786,070	475,442	558,336	1,014,187	875,495	1,790,005	1,201,528
Haversack	6,806	6,806	2,452	1,460,316	570,587	218,018	250,599	421,112	400,000	400,000	900,000
*Headnet, mosquito	3,995	3,995	1,641	837,810	221,528	302,594	184,116	129,572	50,004	118,000	232,000
Pouches, first aid	9,890	9,890	5,628	3,805,672	1,511,271	475,175	588,336	1,230,890	744,000	1,749,000	977,302
Roll, bedding, w. proof.	552	552	168	88,235	35,340	15,488	7,172	30,235	26,000	18,000	42,000
Sling, carrying, mg.	118	118	183	82,016	16,716	12,900	30,200	22,200	5,000	4,000	4,000
Suspender, belt	5,653	5,653	2,813	1,857,125	551,340	416,400	383,550	505,735	101,000	800,000	662,400
Tent, pyramidal	1,635	1,635	503	245,464	35,678	44,827	72,877	92,082	79,513	110,000	120,000
Tent, shelter-half	12,993	12,993	5,048	1,732,585	472,273	225,134	307,091	728,087	255,000	1,300,000	2,000,000
GENERAL SUPPLIES											
Can, galvanized, 10-gal.	154	154	172	25,415	6,673	0	14,742	4,000	6,000	2,000	5,585
Can, galvanized, 32-gal.	155	155	436	24,850	5,931	7,325	3,986	7,608	5,000	11,000	12,000
Container, water, 5-gal.	3,213	3,213	1,245	82,620	27,812	5,030	26,666	23,112	35,000	10,000	40,000
Lantern, gasoline	102	102	169	12,926	10,861	494	51	1,520	933	600	4,000
Range, field	42	42	28	2,420	1,524	0	850	46	300	100	400
Scabbard, rifle	372	372	355	69,710	1,553	0	9,201	58,956	10,000	103,000	89,000
Stove, tent	483	483	580	469,034	311,132	70,778	56,084	31,040	100,000	101,200	0
MOTOR VEHICLES											
Ambulances	13	12	9	1,639	553	366	180	540	1,216	1,900	1,520
Passenger cars	11	11	5	10,554	10,465	64	9	16	complete	4,700	4,719
Motorcycles	90	86	43	16,762	7,878	397	3,512	4,975	4,600	16,700	16,700
Trucks, 1/4-ton	201	196	131	83,206	30,232	17,574	15,411	19,989	20,542	16,700	7,729
Trucks, 1/2 & 3/4-ton	94	89	58	30,619	17,703	3,907	5,039	5,517	8,970	18,444	18,444
Trucks, 1-1/2-ton	200	159	181	85,764	43,677	15,792	9,321	17,014	14,889	22,841	22,630
Trucks, 2-1/2-ton	391	356	248	75,903	31,333	15,354	14,270	14,946	17,707	25,015	1,540
Trucks, 4 & 5-ton	45	31	21	5,006	2,337	943	1,077	649	1,112	1,273	1,273
Trucks, 6-ton	31	28	23	5,006	1,710	719	780	792	1,295	1,739	2,335
Semi-trailers	13	11	13	3,136	430	556	1,045	1,105	877	1,059	915
Trailers	84	72	54	24,722	3,233	4,670	8,433	8,386	7,979	11,707	11,193

* Figures include procurement for International Aid and Navy.
 ** Quantity delivered prior to January 1, 1942 has been excluded.
 *** For motor vehicles only - includes data for Navy, War Aid and the other Supply Services.

Q. M. PROCUREMENT - PROGRESS TOWARD 1942 PRODUCTION - JUNE 30, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

Item	Required production 1942	Delivered Jan 1 to Jun 30	Percent of 1942 required production	
			%	0 20 40 60 80 100
CLOTHING				
•Belt, web, waist	5,599,123	4,260,250	76	
•Boots, rubber, knee	291,321	185,000	64	
Coats, wool, serge	6,777,492	3,106,679	46	
•Drawers, cotton	1,485,927	13,281,409	894	
Gloves, wool	7,476,434	3,397,043	45	
Jacket, field	8,647,220	2,864,710	33	
Jacket, HBT	5,333,120	4,302,887	81	
Leggings, canvas, dismt.	8,826,114	3,139,737	36	
Liners, helmet, steel	7,380,746	2,216,959	30	
Overcoat, wool, o.d.	3,367,096	2,243,855	67	
•Raincoat, mtd. & dismt.	4,967,586	1,606,287	32	
•Shirt, cotton, khaki	5,025,897	8,721,744	174	
Shirt, flannel	9,991,436	5,733,362	57	
•Shoes, service (I. low)	11,803,907	16,436,878	139	
•Socks, cotton	7,399,124	5,636,029	76	
Suits, one-piece, HBT	3,507,897	2,435,935	69	
•Trousers, cotton, khaki	12,867,610	5,973,743	46	
Trousers, HBT	4,061,066	4,764,618	117	
Trousers, wool, o.d.	12,772,593	5,012,805	39	
•Undershirts, cotton	4,148,055	15,402,017	371	
EQUIPAGE				
Bag, barrack	8,963,421	4,546,091	51	
Bag, canvas, water ster.	38,330	52,058	136	
Bar, mosquito	5,829,836	1,165,021	20	
Belt, cartridge, dismt.	1,582,637	1,267,245	80	
•Belt, pistol	2,412,793	1,726,078	72	
Blanket, wool, o.d.	9,278,455	5,121,067	55	
•Can, meat	5,036,841	3,653,163	73	
•Canteen, M-1910	3,851,808	2,099,631	55	
Carrier, pack	2,533,583	1,282,827	51	
Comforter, cotton, filled	4,104,453	2,834,035	69	
Haversack	2,452,047	1,460,316	60	
•Headnet, mosquito	1,640,676	837,810	51	
Pouche, first aid	5,627,912	3,805,672	68	
Roll, bedding, w/proofed	168,199	88,235	52	
Sling, carrying, mg.	182,711	82,016	45	
Suspender, belt	2,812,668	1,857,125	66	
Tent, pyramidal	502,501	245,464	49	
Tent, shelter-half	5,047,796	1,732,585	34	
GENERAL SUPPLIES				
Can, galvanized, 10-gallon	172,224	25,415	15	
Can, galvanized, 32-gallon	436,490	24,850	6	
Container, water, 5-gallon	1,244,776	82,620	7	
Lantern, gasoline	168,855	12,926	8	
Range, field	27,757	2,420	9	
Scabbard, rifle	354,851	69,710	20	
Stove, tent	579,813	469,034	81	
MOTOR VEHICLES **				
Ambulances	8,507	1,639	19	
Passenger cars	4,908	10,554	215	
Motorcycles	42,864	16,762	39	
Trucks, 1/4-ton	131,497	83,206	63	
Trucks, 1/2 & 3/4-ton	57,749	30,619	53	
Trucks, 1-1/2-ton	181,363	85,764	47	
Trucks, 2-1/2-ton	247,901	75,903	31	
Trucks, 4 & 5-ton	21,303	5,006	23	
Trucks, 6-ton & over	22,741	4,001	18	
Semi-trailers	12,539	3,136	25	
Trailers	53,885	24,722	46	

* International Aid and Navy deliveries included.

** Includes data for Navy, War Aid and the other Supply Services.

Quartermaster Corps

DELINQUENT CONTRACTS - CLOTHING, EQUIPAGE, GENERAL SUPPLIES & TEXTILES - MAY 31, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General

There were 629 contracts for Clothing, Equipage, General Supplies and Textiles which were 5 percent or more delinquent on May 31, 1942. This represents an increase of 152 contracts showing material delinquencies over April 30, 1942. These contracts affected 243 items whereas on April 30 only 165 items had contracts behind schedule. The 243 items with delinquent contracts were composed of 199 items of Equipage, 187 items of Clothing, 60 items of General Supply and 60 items of Textiles.

Of the 694 delinquent contract items*, 68 percent were more than 50 percent behind schedule, one-half of which were 100 percent delinquent and had made no deliveries.

Of the items affected by delinquent contracts, 99 were items that are included in the Monthly Status Report. Dividing the amount included in the delinquent contracts for each of these items by the May 31, 1942 cumulative scheduled deliveries per item, as shown in the Monthly Status Report, it is found that delinquent contracts account for 1 to 100 percent of the cumulative scheduled deliveries of May 31, 1942. In the case of one-half of the items, the quantity not delivered because of delinquent contracts amounted to more than 10 percent of the cumulative scheduled deliveries for May 31. The complete distribution of the 99 articles as to the percent of May 31, 1942 scheduled deliveries included in contracts reported to be over 5 percent delinquent is shown in the following table.

Percent delinquent contracts of cumulative scheduled deliveries May 31, 1942	No. of items	Percent of total items
0 - 10	49	50
11 - 20	17	17
21 - 30	11	11
31 - 40	2	2
41 - 50	7	7
over	13	13
Total	99	100

The table and diagram on the following page show the various causes of delinquent contracts. The table gives the breakdown as to the relative importance of causes by class of supply, while the diagram presents the percent that each cause of delinquency was of the total reasons for all delinquent contracts. The figures within the diagram give the percent that each cause was of the total reasons for delinquency on May 31, 1942, while the figures preceded by plus or minus under the labels denote the increase or decrease in the percentage of total causes over the April 30, 1942 figures.

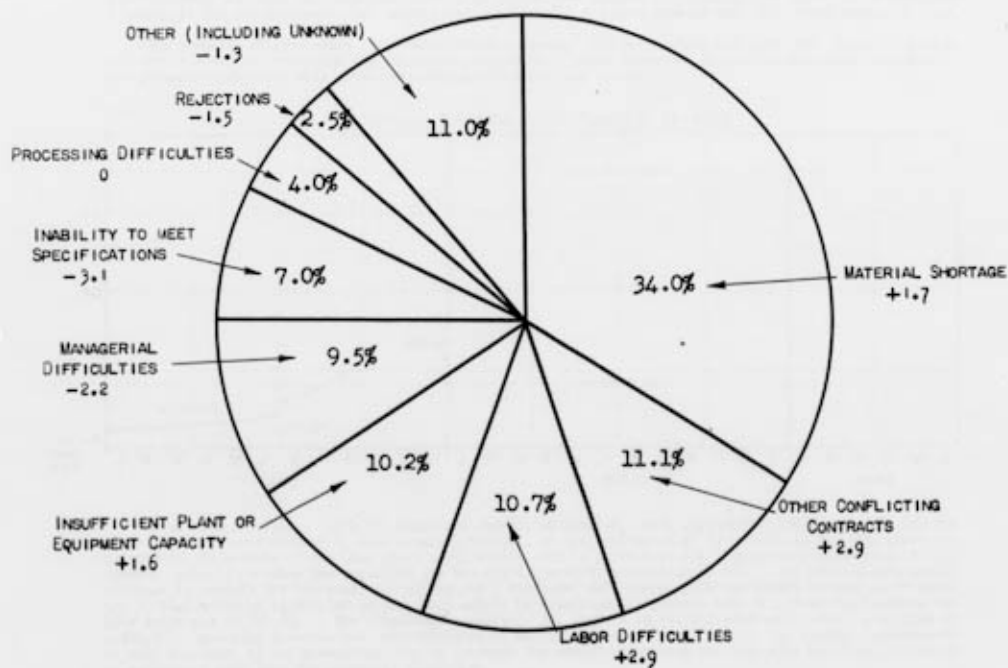
- * By contract items is meant the number of contracts per single item. Some contracts cover more than one item and are counted in the above total once for each item included.

DELINQUENT CONTRACTS - CONTINUED

PRIME CAUSES OF DELINQUENT CONTRACTS BY CLASS OF SUPPLY

Cause of delinquency	Percent by class of supply			
	Clothing	Equipage	General Supplies	Textiles
Material shortage	20.6	47.4	50.0	15.5
Labor difficulties	18.5	9.5	1.1	.0
Insufficient plant or equip. capt'y.	11.3	13.0	4.5	4.2
Processing difficulties	1.7	3.4	2.3	15.5
Managerial difficulties	17.6	5.2	2.3	5.6
Other conflicting contracts	15.5	9.5	8.0	5.6
Inability to meet specifications	4.3	4.7	3.4	28.3
Rejections	5.5	.4	.0	2.8
Other (Including unknown)	5.0	6.9	28.4	22.5
Total	100.	100.	100.	100.

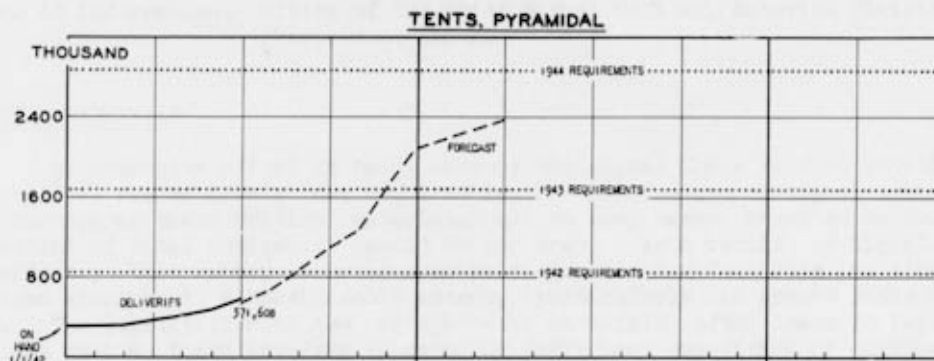
Prime Causes of Total Delinquent Contracts



Note: Small figures under Causes, indicate increase or decrease over April 30, 1942.

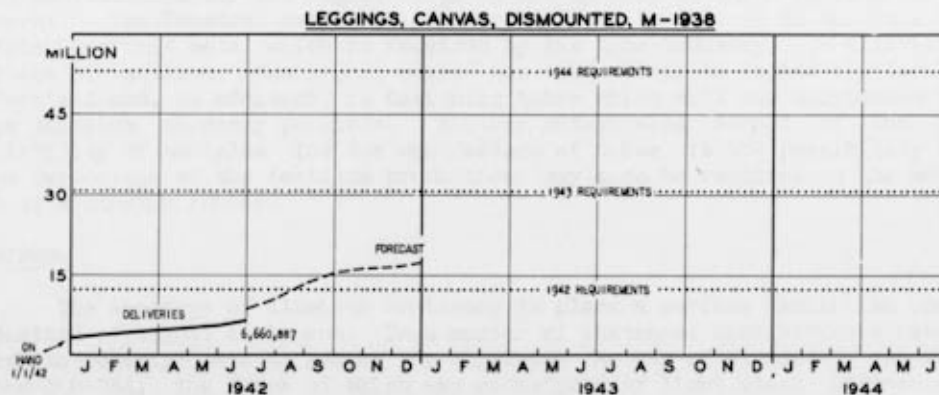
Q.M. PROCUREMENT STATUS OF SELECTED ITEMS OF CLOTHING & EQUIPAGE - MAY 31, 1942

Source of Information: Statistics Branch, Office of the Quartermaster General



Deliveries of Tents, pyramidal, as of June 30, 1942 were 245,464. This quantity represents 93 percent more than the net amount required by June 30, and 12 percent more than the amount scheduled for production by the same date. In comparing the June 30 delivery figure with the 1942 net requirements and 1942 scheduled production, the percentages are 49 and 14, respectively. Although the acceleration of production of Tents, pyramidal, has been phenomenal in the past few months, an even greater production rate will have to be developed in order to reach the scheduled production figure. The purpose in reaching this figure is to establish a stockpile for the succeeding two years requirements which are much greater than the requirements of 1942.

The problems of production have been slowly overcome, and new methods and plans are continuing to be evolved in order to accomplish the scheduled production. Among these new methods is the standardization of the grommet which will allow interchangeability of tent parts.



As of June 30, 1942, 3,139,737 Leggings, canvas, dismounted, were delivered. This quantity plus the amount on hand as of January 1, 1942 equals 6,660,887, or the equivalent of 54 percent of the 1942 gross requirements; 22 percent of the 1943 gross requirements, and 13 percent of the 1944 gross requirements. A 15.5 percent rate of increase has prevailed for the first 6 months production of 1942, and if this rate should continue to prevail for the remainder of the year, the total deliveries plus the amount on hand as of January 1, 1942 would be 14,061,397 units. This amount is significantly greater than the gross requirements for 1942 which are 12,347,264. The scheduled production for 1942 is 13,692,815 which will create a surplus of 4,866,701, and make possible the establishment of stockpiles necessary in meeting the greater requirements of 1943 and 1944. At the prevailing rate of increase the actual production for 1942 will be 10,540,247 which is materially less than the scheduled production.

The lack of machinery is the prime reason for the lag in the production of this item in relation to the scheduled quantities for delivery. Every effort is being made by the Quartermaster General to expedite delivery of this equipment. When this equipment is placed in the possession of the new concerns, they will then have a greater production capacity.

Quartermaster Corps

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JULY 9, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Division
Procurement Branch

CRITICAL MATERIALS

An intensive effort is being made by the Signal Corps to find substitutes for critical raw materials now required in the manufacture of signal equipment. The shortage of these critical materials has in many cases resulted in delaying production of vital equipment needed by our Army. As a result of Signal Corps experiments, less rubber is being used by field wire manufacturers and steel has replaced aluminum to a considerable extent, particularly in ground radio equipment. The substitution of new or synthetic materials often leads to important problems such as those involved in securing sufficient quantities of critical raw materials required to retool and to build manufacturing facilities, which materials otherwise could be used to fill vital requirements needed at present in the manufacture of signal equipment. A delay in production results through this diversion of raw materials.

TANTALUM METAL

A shortage of tantalum is affecting the production of electronic tubes being manufactured for the Signal Corps by the General Electric Company and other concerns. The Fansteel Metallurgical Corporation in Chicago is the sole source of this important metal which is required by the tube industry. To alleviate the shortage of tantalum, the Signal Corps has taken steps to expand the facilities of Fansteel and, in addition, is designing tubes which will use molybdenum to replace tantalum wherever possible. Another unfavorable aspect of the future availability of tantalum for the manufacture of tubes is the possibility that a large percentage of the tantalum production may soon be required in the manufacture of synthetic rubber.

ALUMINUM

The shortage of aluminum continues to place a serious limitation upon the production of signal equipment. In a number of instances manufacturers have been forced to redesign sets to reduce or eliminate the use of aluminum. An example is the SCR-284, the frame of which was redesigned of light steel instead of the aluminum type previously used. Upon delivery to the troops, two important objections were raised to this new design; one was that the increase in weight of the SCR-284 made it less mobile and placed a greater burden upon the troops transporting it; the other was that the frame of light steel did not prove strong enough to hold the set and considerable breakage occurred.

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - (Continued)

STEEL

The Signal Corps has experienced considerable difficulty in obtaining priorities sufficiently high to procure steel for the manufacture of field wire. Several manufacturers have been forced to reduce their production to 8 hours a day, and in one case a complete shut down of the production line is anticipated because of the lack of steel strands. Armor plate for ships and tanks carry A-1-a priority ratings and with the exception of steel for a few items the Signal Corps steel priorities fall below A-1-a. Steps have been initiated to secure an A-1-a priority rating on certain critical items of signal equipment requiring steel. On field wire, an A-1-a rating is required to get the steel billets required for the manufacture of this item. This fact, together with the directive to produce large quantities of steel wire for International Aid, has caused curtailment in the production of Wire W-110-B field wire for our Army. These difficulties were sharply reflected during the month of June when the total production of Wire W-110-B was 54,000 miles as compared to 115,000 miles produced in May.

PRODUCTION LAGS

Of the 110 items of signal equipment shown in the following pages 66, or 60%, had less than 25% of the 1942 Required Production delivered by the end of June. This would indicate that to meet the 1942 Objectives it will be necessary to at least treble the present production on these 66 items in the last six months of 1942. Of the same 110 items, 42 show production of less than 10% of the 1942 Objectives. It would therefore appear that unless critical raw materials are made available in sufficient quantities, manufacturing facilities expanded, and production stepped up to a great degree, items included in the latter group will have small chance of attaining the required production for 1942.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 30, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Division,
Procurement Branch.

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted					Estimated		
				Jan 1- Jun 30	Mar	Apr	May	Jun 1-30	Jun	Jul	Aug
AIRCRAFT RADIO COMM. EQUIP.											
Frequency Meter SCR-211	81,662	80,412	51,452	9,280	1,094	2,684	2,056	2,517	2,500	3,000	3,500
Interphone Equipment											
RC-27	36,073	36,073	26,654	9,218	100	1,256	2,269	4,443	2,000	2,000	2,000
RC-34	3,840	3,840	3,840	600	0	0	0	600	300	300	300
RC-56	69,981	69,981	43,456	7,850	0	1,608	2,318	3,023	2,000	2,100	3,100
RC-45	5,183	5,183	2,897	848	0	213	37	598	150	180	350
RC-73	21,496	21,136	15,179	950	0	0	0	950	0	500	2,500
Command Radio											
SCR-183	41,967	28,051	29,883	6,405	482	2,153	1,059	1,886	1,540	2,500	2,500
SCR-274	160,289	112,736	96,131	12,593	1,050	1,738	2,742	4,205	2,700	3,200	3,700
SCR-283	8,522	7,805	4,870	2,326	481	415	618	162	800	800	800
SCR-522	66,479	37,094	53,915	1,635	0	501	510	624	2,689	3,400	4,000
Liaison Radio											
SCR-187	4,123	4,123	2,458	615	1	121	157	129	400	400	300
SCR-287	63,582	62,832	38,895	4,201	744	1,054	985	1,128	800	800	800
Sea Rescue Radio											
SCR-578	81,784	40,910	52,925	1,368	0	0	369	999	1,000	3,231	6,000
Test Set L-77	4,437	4,437	5,025	3,843	475	1,103	0	1,950	1,250	1,294	0
AIRCRAFT RADIO NAV. EQUIP.											
Contacting Equipment RC-96	59,698	59,698	46,384	16,050	1,712	5,465	4,862	1,510	4,000	4,000	4,000
Filter Equipment RC-32	139,886	139,886	183,220	32,854	4,100	11,877	2,000	7,137	5,000	10,000	12,000
Localizer Receiver RC-103	35,560	30,000	47,820	0	0	0	0	0	0	0	2,500
Marker Beacon Equipment											
RC-39	4,579	4,579	2,775	2,952	227	331	899	1,341	700	700	700
RC-43	67,338	63,790	39,124	23,929	2,272	7,026	7,190	5,177	7,000	7,000	7,000
Radio Compass SCR-269	74,254	74,142	42,895	8,045	1,408	455	632	3,525	3,153	3,500	4,000
Absolute Altimeter											
SCR-518, SCR-618	40,342	22,995	17,600	155	0	0	0	155	10	65	250
WIRE COMMUNICATION EQUIP.											
Reel Cart RL-16	8,400	8,400	442	35	0	0	35	0	200	500	1,000
Reel Equipment CE-11	35,669	35,669	26,777	23,159	0	12,451	4,149	6,559	5,000	5,000	5,000
Reel Unit RL-31	9,156	9,156	11,685	1,430	187	0	0	560	2,000	2,000	2,000
Switchboard											
BD-71	3,514	3,514	2,327	951	0	0	371	298	200	200	200
BD-72	4,750	4,750	6,470	1,756	128	250	113	167	100	200	200
BD-74-H	162	162	112	49	8	31	0	0	36	16	16
BD-91	865	0	865	Recently placed under procurement.							
Telegraph Central Office											
Set TC-3	498	498	374	0	0	0	0	0	10	25	50
Telegraph Printer EE-97	1,894	1,894	2,564	585	0	0	248	337	200	200	500
Telegraph Set TC-5	12,441	12,441	9,013	3,729	1,154	526	1,122	556	500	500	1,000
Telephone EE-8-A	284,307	199,557	135,876	47,446	200	1,810	5,796	13,592	10,000	25,000	25,000
Telephone Central Office											
Set TC-1	111	111	103	61	0	10	0	0	10	10	10
Set TC-2	198	198	150	50	13	0	0	0	10	20	20
Set TC-4	645	645	1,378	0	0	0	0	0	0	10	20
Test Set EE-65	8,064	8,064	3,371	2,810	0	0	0	350	100	200	500
Wire W-110 (Thou miles)	1,100	1,075	367	330	18	66	115	54	63	88	88
Wire W-150 (miles)	113,899	100,599	60,218	34,843	1,818	7,151	11,040	8,747	10,000	10,000	20,000

* Quantity delivered prior to January 1, 1942, has been excluded.
Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM - JUNE 30, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Division, Procurement Branch.

Item	Author- ized *	Under con- tract *	Req'd prod. 1942	Accepted				Estimated			
				Jan 1- Jun 30	Mar	Apr	May	Jun 1-30	Jun	Jul	Aug
GROUND RADIO COMMUNICATION											
RADIO SETS											
Ground-Air Liaison and Army, Corps & Division Communication											
SCR-177	1,365	1,365	1,454	512	98	2	60	0	68	170	200
SCR-178	1,812	1,812	2,447	420	74	344	0	0	100	200	300
SCR-188	2,652	2,652	2,407	101	0	0	40	34	150	300	400
SCR-197	180	180		51	0	0	0	0	50	99	0
SCR-299	2,317	1,817	2,346	250	0	104	148	0	200	200	250
Intra-Regiment Communication											
SCR-284	19,681	19,681	17,912	610	0	0	0	610	25	250	500
SCR-288	1,539	1,539		1,200	54	189	475	393	732	0	0
SCR-543	1,581	1,581		64	0	0	0	64	100	250	250
Radio Intelligence, S.C.											
SCR-206	313	313	338	131	28	26	5	0	0	50	50
SCR-243	104	104	98	46	0	22	24	0	25	25	8
SCR-244	372	372	360	0	0	0	0	0	60	100	100
SCR-255	148	148	152	101	10	24	16	45	30	40	22
Short Range Portable											
SCR-194	6,897	6,897	2,637	5,020	118	820	450	310	393	200	800
SCR-195	2,514	1,514	1,999	1,324	72	124	0	0	80	110	110
SCR-509	1,582	1,582	596	1,582	125	1,315	142	0	0	0	0
SCR-536	13,433	13,433	14,310	8,683	173	507	3,301	2,258	2,000	2,000	2,000
SCR-609	897	897	856	897	0	0	107	790	300	350	160
Animal Pack, Cavalry Field Artillery											
SCR-179	126	126	120	0	0	0	0	0	0	6	50
SCR-203	96	96	0	96	0	0	0	21	21	0	0
Short Range Vehicular Field Artillery											
SCR-608	10,053	10,053	6,197	3	0	0	0	3	200	500	1,160
SCR-610	24,288	24,288	19,248	3,233	0	0	462	2,503	1,000	5,000	5,000
SCR-628	2,374	2,374	2,067	4	0	0	0	4	166	366	580
Cavalry, Lightweight											
SCR-511	4,416	4,416	3,869	4	0	0	0	4	50	500	1,000
Vehicular and Tank- Armored Force											
SCR-193 AM Type	6,562	6,562	600	76	0	0	0	0	300	300	300
SCR-245 AM Type	6,592	6,586	2,013	1,932	270	127	294	687	500	600	600
SCR-293 FM Type	872	872		588	151	61	68	148	75	75	100
SCR-508 FM Type III	16,433	16,433	3,799	752	0	578	0	155	500	1,333	1,600
SCR-294 FM Type		786		711	0	72	187	228	150	153	0
SCR-538 FM Type III	67,775	67,775	19,664	2,845	312	642	1,304	541	1,000	2,287	5,900
SCR-506 AM Type II	13,500	13,500	4,733	Production starts in September, 1942.							
SCR-510 FM Type IV	6,254	6,254	7,172	4,146	917	1,000	1,570	659	1,000	1,000	767
SCR-528 FM Type III	30,504	30,504	12,629	2,148	339	931	384	401	1,233	2,667	2,000
GROUND-AIR NAVIGATIONAL AID											
Control Net System SCS-2	20	20	20	3	0	0	1	2	10	8	1
Control Net System SCS-3	120	120	53	0	0	0	0	0	0	1	7
Homing Device SCR-277	145	145	28	Production starts in October, 1942.							

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.

TABULAR SUMMARY - STATUS OF SELECTED SIGNAL CORPS ITEMS ON ARMY SUPPLY PROGRAM -
JUNE 30, 1942

Source of Information: Office of the Chief Signal Officer, Materiel Division,
Procurement Branch.

Item	Author- ized *	Under contract *	Req'd prod. 1942	Accepted				Jun 1-30	Estimated		
				Jan 1- Jun 30	Mar	Apr	May		Jun	Jul	Aug
<u>GROUND RADIO DETECTION EQUIPMENT</u>											
Aircraft Warning											
SCR-268	4,756	4,756	1,797	217	50	46	7	46	90	150	150
SCR-270	487	434	278	60	14	16	10	16	17	31	47
SCR-271	84	58	70	51	5	5	18	3	10	5	5
SCR-527	636	400	16	Production starts in November, 1942.							
SCR-568	204	204	204	11	4	1	3	3	3	9	16
Antiaircraft											
SCR-545	273	273	606	{ New development; production starts in 1943. Production starts in January, 1943.							
SCR-584	2,750	2,750									
Gun Laying, Fixed Station											
SCR-296	176	175	218	1	0	1	0	0	0	0	18
Identification											
SCR-535	881	881	40	33	9	0	7	15	45	60	80
Range Finder											
SCR-547	812	812	812	0	0	0	0	0	0	5	30
<u>AIR-BORNE RADIO DETECTION AND RECOGNITION EQUIPMENT</u>											
SCR-515 US-IFF	19,691	19,691	19,536	352	71	7	257	0	1,000	2,000	3,000
SCR-517 ASV-10	3,165	2,665	500	42	0	0	8	34	70	100	22
SCR-520 AI-10	2,271	2,265	950	4	0	0	4	0	0	30	95
SCR-521 US-ASV, MK II	7,255	7,249	7,114	1,817	4	293	211	1,244	550	650	650
SCR-540 BR.-AI, MK IV	586	586	400	80	0	5	59	16	60	80	100
SCR-535 BR.-IFF, MK II	31,764	16,710	15,000	4,826	184	768	935	2,813	4,000	4,000	4,000
SCR-595 US-IFF, MK III	18,500	18,500	18,500	0	0	0	0	0	50	1,500	2,500
SCR-595 US-IFF, MK III-G	18,000	18,000	18,000	0	0	0	0	0	0	1,000	2,500
<u>ACCESSORY EQUIPMENT-GROUND</u>											
Charging Set SCR-159	3,466	3,466	2,525	200	0	0	0	200	10	100	500
Chest BC-5	32,959	32,959	12,153	1,394	0	181	229	0	300	500	1,000
Loudspeaker LS-3	26,506	26,506	16,688	9,190	0	40	0	9,150	0	3,000	5,000
Maintenance Equip. ME-13	1,014	1,014	1,014	0	0	0	0	0	100	400	514
Power Unit PE-75	2,354	2,304	1,275	111	0	0	40	71	100	400	800
(Radio) Receiver RC-342	1,213	1,213	25	1,182	15	299	169	439	270	200	0
Test Set I-56	6,867	6,867	6,768	598	126	23	0	0	0	0	200
<u>MISCELLANEOUS SIGNAL EQUIP.</u>											
Converter M-209	51,929	51,929	48,513	0	0	0	0	0	100	500	1,000
Converter M-222	865	0	986	Recently placed under procurement.							
Flash Ranging Set GR-4	24	24	31	12	0	0	12	0	5	5	2
Photographic Set PH-261	101	101	51	0	0	0	0	0	0	50	0
Signal Lamp Equip. EE-84	1,735	1,735	1,361	559	118	0	129	0	100	200	200
Sound Ranging Set GR-3	86	86	78	25	6	5	9	5	5	5	5
Theodolite ML-47	431	431	46	11	0	11	0	0	25	25	25
Time Interval Apparatus											
EE-85	155	155	127	0	0	0	0	0	25	25	50
EE-86	102	0	112	0	0	0	0	0	6	10	10
Meteorological Obsn. Set											
SCM-14	0	0	150	Recently placed under procurement.							
SCM-15	0	0	150	Recently placed under procurement.							
SCM-16	0	0	150	Recently placed under procurement.							

* Quantity delivered prior to January 1, 1942 has been excluded.
Figures include procurement for International Aid and other Services.

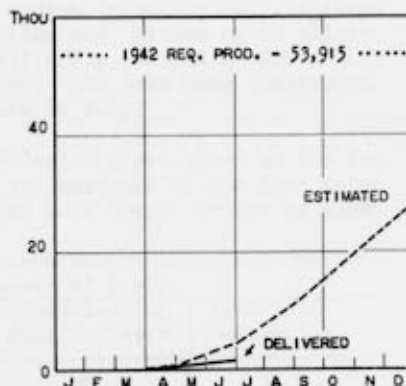
SIGNAL CORPS - PROCUREMENT PROGRESS - SELECTED ITEMS - June 30, 1942

Source of Information: Office of the Chief Signal Officer,
Materiel Division, Procurement Branch.

RADIO SET SCR-522

Radio Set SCR-522 is a very high frequency command set for use in interceptor pursuit and bomber aircraft. Provides communication between airplanes and between ground and planes in conjunction with Control Net Systems.

Bendix Radio Corporation produced 6,000 major components of these sets through June 30 against an estimate of 3,700. However, approximately 5,000 have not yet been accepted, due to lack of dynamotors and certain general engineering difficulties in other components. A general report describing these difficulties is being prepared by Bendix for the Procurement Branch of the Signal Corps.

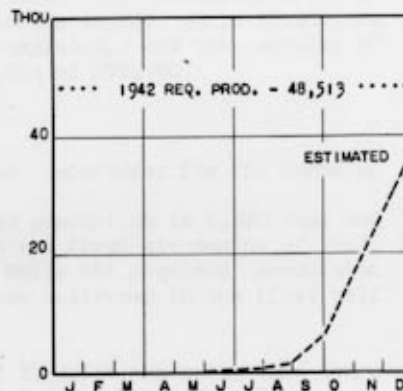


CONVERTER M-209

Converter M-209 is a small portable hand operated device for enciphering and deciphering code messages.

This is a new item of signal equipment and has never been made in the United States. The magnitude of the work involved in tooling, and recent changes in design, have been the principal causes of delay.

Production is now getting under way and 500 units are promised in July. Actual production equalling previous estimates is expected by August of this year.



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 30, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

GENERAL

Complete procurement data on Tractor, medium w/angledozer, is shown in this summary for the first time since this item was placed on an allocation basis by the Corps of Engineers. June deliveries are 72 or 90% of the June schedule of 80. On a purchase order for 255, 186 have been delivered. Deliveries on a new order for 777 will begin late in July.

During the month of June, 29 of the 41 selected items shown on the two pages of tabular summary showed deliveries in at least one of the four major procurement groups. June deliveries are divided into these groups as shown below.

Procured for	Number of Items		
	Having Authorizations	Scheduled for June Delivery	June 1-30 Deliveries
Troop Equipment	41	28	16
Theater of Operations	19	9	8
International Aid	25	3	3
Others	12	1	0

June deliveries for Boat, power, with trailer, are 42 or 210 percent of the June schedule of 20 for Theater of Operations. No June deliveries are shown for Troop Equipment schedule of 10. Completed June schedules are reported for Compass, lensatic. June deliveries are 24,000 while 15,000 are scheduled. The 1942 required production is completed, and the surplus of 31,000 is being applied to meet the 1943 objective of 299,000.

CONTRACT STATUS

Explosives are procured by the Ordnance Department for the Corps of Engineers.

EXPLOSIVE, AMMONIUM, NITRATE - The 1942 required production is 1,680 tons and only 125 tons or 18 percent has been delivered the first six months of 1942. EXPLOSIVE TNT - June receipts are 213 tons. While the required production for 1942 is 4,299 tons, only 1,301 tons have been delivered in the first half of this year.

BRIDGE, STEEL, TREADWAY - There is a total of 24 under contract, and three have been delivered the first 6 months of 1942 to meet the required production of 22. Production has been delayed due to shortage of sheet steel used in treadway sections of which 144 make up one bridge. This delay has been expedited and the manufacturer is now resuming deliveries.

SEMI-ANNUAL PROCUREMENT PROGRESS OF SELECTED ITEMS THROUGH JUNE 30, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

On the basis of 41 selected items of Engineer equipment, for the first 6 months of 1942, 38 have deliveries in one or more of the four basic requirement categories, and the remaining three tabulated below show no deliveries against existing requirements.

Item	1942 Req. Production	Authorized	1942 Deliveries
Boat, half w/7 paddles	5,383	12,927	0
Boat, reconnaissance, pneumatic	2,190	680	0
Trailer (triangulation tower)	47	71	0

In the four basic groups of Engineer procurement, deliveries are based on individual priority given each group. An item may have priority on Troop Equipment over International Aid needs or Theatre of Operations priority over Troop Equipment needs.

TROOP EQUIPMENT - Of 41 items having 1942 production requirements for Troop Equipment, 7 have completed these requirements. Deliveries in this group were divided as follows:

No. Items having Authorizations	Completed 1942 Req.	1942 Requirements - Percent Completed					Not Classified
		0	1-25	26-50	51-75	76-99	
41	7	7	5	10	6	2	1

All the seven items showing completed required production have surpassed the 1942 objective and are now receiving deliveries to meet 1943 objectives.

Bridge, steel portable, H-20 was not classified since this item shows deliveries of 49 although having no total Army Supply Program objective.

INTERNATIONAL AID - Of the selected items in this report 25 have authorizations for International Aid requirements, and of these, 2 have completed 1942 program requirements. Float, pneumatic, shows deliveries for first half of 1942 of 1,391 or 362 percent of required production of 55. There are no 1942 production requirements for 11 items not classified.

No. Items having Authorizations	Completed 1942 Req.	1942 Requirements - Percent Completed					Not Classified
		0	1-25	26-50	51-75	76-99	
25	2	8	1	1	1	1	11

THEATRE OF OPERATIONS - Requirements for this group are developed as needed. For the purposes of this report procurement progress is based on percent of authorizations delivered. Welding and cutting set and Electric Lighting equipment, 3KVA show all authorizations delivered for the first 6 months of 1942. Searchlight, 24" beach defense, has authorizations for 138 and there are no 1942 deliveries.

No. Items having Authorizations	Completed Authorizations	1942 Authorizations - Percent Delivered				
		0	1-25	26-50	51-75	76-99
19	2	6	5	3	1	2

OTHERS - In this group there are 12 items having authorizations and 3 of these show all authorizations delivered for the first half of 1942. The percentage of deliveries in groups is indicated below.

No. Items having Authorizations	Completed Authorizations	1942 Authorizations - Percent Delivered	
		0	1-25
12	3	7	2

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
JUNE 30, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

Item		Author- ized	Under con- tract	Req'd prod. 1942	Accepted					Estimated		
					Jan 1- Jun 30	Mar	Apr	May	Jun 1-30	Jun	Jul	Aug
Auger, earth, motorized	Troop Equipment	33	33	0	33	8	7	8	5	0	0	0
	Int. Aid	12	12	0	6	0	0	0	0	0	0	0
Balloon, Barrage	Troop Equipment	5,143	5,143	(a)	1,325	(a)	(a)	236	401	(a)	(a)	(a)
Boat, half, w/7 paddles	Troop Equipment	4,205	4,205	3,383	0	0	0	0	0	150	300	300
	Int. Aid	1,800	1,800	2,000	0	0	0	0	0	0	0	0
	Others	6,922	6,922	(b)	0	0	0	0	0	0	0	550
Boat, power, with trailer	Troop Equipment	279	279	143	59	23	36	0	0	10	5	25
	Theater of Oper.	70	70	(b)	60	0	4	14	42	20	18	0
	Int. Aid	100	100	100	0	0	0	0	0	0	25	25
Boat, reconnaissance	Troop Equipment	230	230	2,190	0	0	0	0	0	100	30	0
	Int. Aid	180	180	0	0	0	0	0	0	0	0	0
	Others	270	270	(b)	0	0	0	0	0	0	0	0
Bridge, steel, port., H-10	Troop Equipment	38	38	27	16	0	0	0	0	6	(c)	(c)
	Theater of Oper.	32	32	(b)	0	0	0	0	0	0	0	0
	Int. Aid	3	3	25	3	0	0	0	0	0	0	0
Bridge, steel, port., H-20	Troop Equipment	57	57	0	49	17	9	10	0	10	5	0
	Theater of Oper.	16	16	(b)	0	0	0	0	0	(c)	(c)	(c)
Bridge, steel, trestway	Troop Equipment	19	19	17	3	2	0	0	0	10	4	0
	Int. Aid	5	5	5	0	0	0	0	0	(a)	(a)	(a)
Camera, copying, motorized	Troop Equipment	8	8	10	8d	0	8d	0	0	0	0	0
	Theater of Oper.	11	11	(b)	0	0	0	0	0	4	0	4
Compass, lensatic, (thou)	Troop Equipment	128	113	53	84	17	5	24	24	15	15	15
	Others	13	13	(b)	0	0	0	0	0	0	0	0
Compressor, air, motorized	Troop Equipment	1,192	1,192	529	0	0	0	0	0	60	150	160
	Theater of Oper.	200	200	(b)	48	0	0	0	48	80	0	0
	Int. Aid	389	119	149	49	0	49	0	0	0	0	0
	Others	1	1	(b)	1	0	0	1	0	0	0	0
Crane, truck, mounted	Troop Equipment	125	49	75	49	5	6	16	0	0	0	0
	Theater of Oper.	145	145	(b)	20	0	0	8	12	25	25	25
	Int. Aid	106	106	9	6	0	0	0	0	0	0	0
Duplicating equip. 18"x15"	Troop Equipment	986	986	625	555	0	0	555	0	0	0	0
Electric lgt. equip., 3KVA	Troop Equipment	1,763	900	1,014	389	0	126	196	67	120	120	120
	Theater of Oper.	50	50	(b)	50	50	0	0	0	0	0	0
	Others	5	5	(b)	5	0	0	5	0	0	0	0
Electric lgt. equip., 5KW	Troop Equipment	917	417	251	109	0	0	0	0	32	61	122
	Theater of Oper.	1,394	1,394	(b)	463	150	65	135	113	220	229	200
	Int. Aid	232	213	100	163	0	0	27	0	0	0	0
	Others	69	69	(b)	69	0	0	0	0	0	0	0
Explosive, amm. nitr. (tons)	Troop Equipment	1,905	700	1,680	125	3	45	2	75	70	80	80
Explosive, TNT (tons)	Troop Equipment	7,500	2,250	4,299	1,301	247	235	240	213	135	135	135
Float, pneumatic	Troop Equipment	1,200	1,200	1,739	445	0	0	0	445	441	235	0
	Int. Aid	3,000	3,000	500	1,812	0	50	230	1,532	2,132	700	56
	Others	2,160	2,160	(b)	180	0	0	180	0	15	50	144
Grader, road, motorized	Troop Equipment	196	196	103	112	0	12	49	50	20	20	30
	Int. Aid	20	20	0	0	0	0	0	0	0	0	0

(a) Being developed
 (b) Program developed as needed
 (c) Contingent upon receipt of material

(d) Cameras awaiting installation in trucks

TABULAR SUMMARY - PROCUREMENT STATUS OF SELECTED ITEMS - CORPS OF ENGINEERS
JUNE 30, 1942

Source of Information: Supply Division, Office of the Chief of Engineers

Item		Author- ized	Under con- tract	Req'd prod. 1942	Accepted				Estimated		
					Jan 1- Jun 30	Mar	Apr	May	Jun 1-30	Jul	Aug
Instruments, drawing, field	Troop Equipment	22,288	12,288	10,295	4,420	500	400	1,818	1,150	2,163	1,950
	Int. Aid	153	153	0	153	0	0	153	0	0	0
Mixer, concrete	Troop Equipment	168	168	172	0	0	0	0	0	60	60
	Theater of Oper.	55	55	(a)	48	0	0	0	33	0	0
	Int. Aid	62	62	0	42	0	0	27	15	0	20
Ponton, bridge, 10-ton	Troop Equipment	32	32	37	2	0	0	0	2	(b)	(b)
	Theater of Oper.	5	5	(a)	0	0	0	0	0	(b)	(b)
	Int. Aid	22	22	12	10	2	1	1	0	(b)	(b)
Ponton, bridge, 25-ton	Troop Equipment	504	504	574	18	2	1	6	0	(b)	(b)
Searchlight, 24", beach def.	Troop Equipment	126	126	174	110	26	18	40	20	0	0
	Theater of Oper.	138	138	(a)	0	0	0	0	0	0	0
Searchlight, AA, 60" mobile	Troop Equipment	6,421a	6,421	1,421a	748	84	88	128	197	160	75
	Int. Aid	4,790	4,790	2,165	0	0	0	0	0	0	0
	Others	4,200	4,200	79	0	0	0	0	0	0	0
Semi-trailer, 1500 gal water	Troop Equipment	205	205	135	0	0	0	0	0	0	72
	Theater of Oper.	50	50	(a)	1	0	0	0	1	22	28
Shovel, gasoline, 1/2-yd.	Troop Equipment	227	227	202	77	16	13	10	12	12	12
	Theater of Oper.	70	70	(a)	36	2	3	6	25	20	20
	Int. Aid	328	328	0	4	0	0	4	0	10	15
Special equip., Aviation	Troop Equipment	26	26	20	10	2	3	4	1	(d)	(d)
	Theater of Oper.	113	113	(a)	4	0	0	4	0	(d)	(d)
Stereocomparagraph, equip.	Troop Equipment	138	138	51	130	0	0	130	0	0	0
Stereoscope, mirror, w/bin.	Troop Equipment	4,261	4,261	2,474	1,176	270	0	112	461	75	71
	Int. Aid	437	437	0	0	0	0	0	0	150	134
Tractor, med. w/angledoser	Troop Equipment	677	677	653	117	0	0	16	72	80	85
	Theater of Oper.	365	365	(a)	65	30	34	1	0	260	60
	Int. Aid	0	0	315	0	0	0	0	0	0	0
Trailer, (light tractor)	Troop Equipment	200	200	165	112	0	0	0	0	40	48
Trailer, (medium tractor)	Troop Equipment	777	777	724	0	0	0	0	0	200	200
	Theater of Oper.	65	65	(a)	0	0	0	0	0	0	0
	Int. Aid	28	28	0	24	0	0	0	0	0	0
	Others	750	750	(a)	0	0	0	0	0	0	0
Trailer, 60" searchlight	Troop Equipment	2,648	2,648	925	2,495	156	100	685	412	350	0
	Int. Aid	4,790a	2,165a	2,165	0	0	0	0	0	0	0
	Others	0	0	79	0	0	0	0	0	0	0
Trailer, (triangul. tower)	Troop Equipment	71	71	47	0	0	0	0	0	8	39
Transit, Engineers, 1-min.	Troop Equipment	1,824	971	806	456	92	63	44	191	100	100
	Int. Aid	80	30	0	30	0	0	0	0	0	0
	Others	400	400	(a)	0	0	0	0	0	0	0
Transit, Engineers, 20-sec.	Troop Equipment	2,149	539	421	539	50	100	72	67	0	0
	Int. Aid	213	213	0	72	0	0	60	12	0	12
Triangulation tower, port.	Troop Equipment	36	36	24	36	0	10	0	16	16	0
Water purif. unit, mobile	Troop Equipment	66	66	42	32	0	10	12	2	12	12
	Theater of Oper.	120	120	(a)	42	2	18	0	22	20	20
	Int. Aid	20	20	20	0	0	0	0	0	0	0
Water supply equip., Engineer	Troop Equipment	530	530	138	8	0	0	0	0	0	5
	Theater of Oper.	1,130	1,130	(a)	417	50	66	133	118	150	150
	Int. Aid	100	100	100	0	0	0	0	0	0	0
Welding & cutting set	Troop Equipment	350	350	203	343	0	18	305	20	100	0
	Theater of Oper.	50	50	(a)	50	0	50	0	0	0	0
	Int. Aid	54	4	0	4	0	0	0	0	0	0
	Others	573	573	(a)	102	0	102	0	0	0	0

(a) Program developed as needed

(b) Contingent upon receipt of material

(c) Includes 293 for Seacoast Defense

(d) Schedule being developed

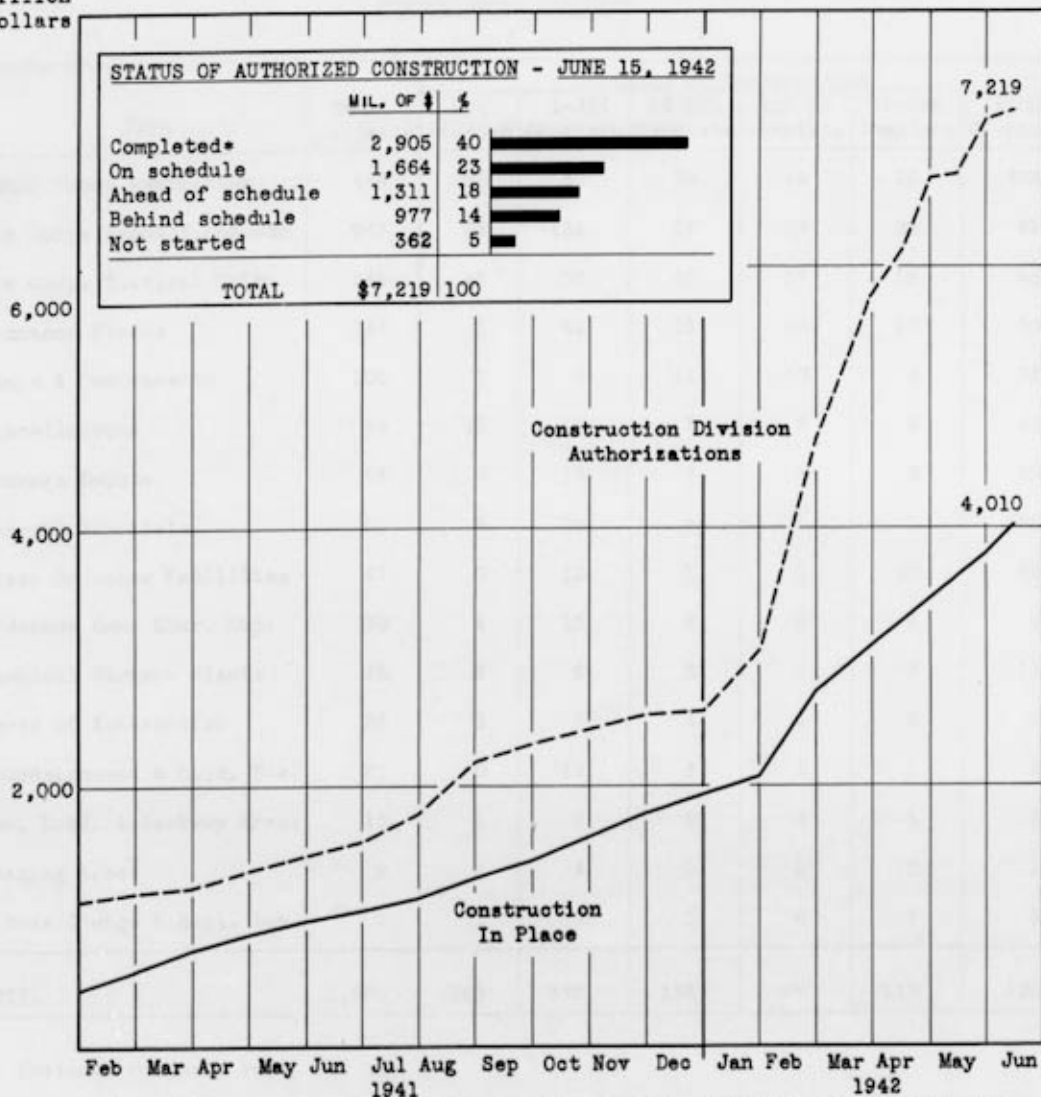
(e) Includes 2,625, for 1943 requirements

CORPS OF ENGINEERS - CONSTRUCTION PROGRESS - JUNE 15, 1942

Source of Information: Construction Division, Office of the Chief of Engineers

CUMULATIVE MILITARY CONSTRUCTION DATA

Million
dollars



Note: Figures subsequent to February 1, 1942 include Air Corps construction

* Includes projects ready for use

TABULAR SUMMARY - CONSTRUCTION PROGRESS - JUNE 15, 1942

Source of Information: Construction Division, Office of the Chief of Engineers

CONSTRUCTION PROJECTS

Type	Total projects	Status of Construction					
		Not started	1-25% Complete	26-50% Complete	51-75% Complete	76-99% Complete	100%* Complete
Other Troop Facilities	464	38	37	26	18	20	325
Air Corps Schools, Dep. etc	342	36	134	26	19	35	92
Air Corps Tactical Units	246	49	57	26	15	16	83
Ordnance Plants	142	5	45	16	10	13	53
Camps & Cantonments	106	1	9	11	10	3	72
Miscellaneous	76	10	12	5	6	2	41
Storage Depots	65	5	16	7	5	3	29
General Hospitals	51	6	14	4	2	1	24
Misc. Ordnance Facilities	47	0	13	1	1	10	22
Ordnance Amm. Stor. Dep.	30	4	13	3	0	1	9
Chemical Warfare Plants	26	2	6	3	1	3	11
Ports of Embarkation	25	3	3	3	1	6	9
Reconsignment & Hold. Pts.	21	0	12	3	3	1	2
Amm. Load. & Back-up Areas	13	1	2	4	4	1	1
Staging Areas	9	2	4	0	0	1	2
O'Seas D'chge & Repl. Dep.	7	1	0	0	0	1	5
TOTAL	1,670	163	377	138	95	117	780

* Includes projects ready for use

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JULY 9, 1942

Source of Information: Finance & Supply Div. - Office of Surgeon General

STATUS OF GENERATOR, GASOLINE, ELECTRIC: The required production of the Gasoline Electric Generator for 1942 is 1,083. There are now under contract 776 of this item with a delivery of 264 as of June 23, 1942. The contractor is 160 units behind schedule but deliveries are improving as 55 were accepted during the first three quarter-monthly periods of June. Shortage of copper and copper wire is the principal cause of delay.

STERILIZERS: The following is the status of Sterilizer, Hospital, and Sterilizer, Hospital, Utensil, as of June 23, 1942:

	1941-1942 F.Y. Program	Due	Delivered	Behind Schedule
Sterilizer, hospital	1,067	1,024	1,013	11
Sterilizer, utensil	7,721	7,687	6,730	957

The enlargement of the program for the Army and Navy has thrown an increased load on sterilizer manufacturers of this country. The drawback is the scarcity of the various materials from which they are made. Stainless steel, monel metal and brass, nickel- or chrome-plated, have been so tight that production is greatly impeded. Substitutes have been accepted, especially in manufacture of the utensil sterilizer, and galvanized sheet metal is being used in many cases. The latter, because of the zinc shortage, is none too plentiful.

STATUS OF INDIVIDUAL EQUIPMENT FOR OFFICERS AND ENLISTED MEN, MEDICAL DEPARTMENT: The items listed below are used for carrying the supplies and equipment required by individual officers and enlisted men of the Medical Department when equipped for field service:

	Require- ments	Con- tracted	Due	Deliv- ered	Behind Schedule
Kit strap, canteen ring	419,067	151,924	151,924	90,862	61,062
Kit insert, Type I	250,373	62,069	62,069	52,050	10,019
Kit insert, Type II	48,960	19,208	8,900	3,900	5,000
Kit strap, litter	424,188	159,750	159,750	99,617	60,133
Kit pouch, canvas	340,498	148,002	125,301	76,571	48,730
Kit suspender	140,686	72,874	68,262	62,068	6,194

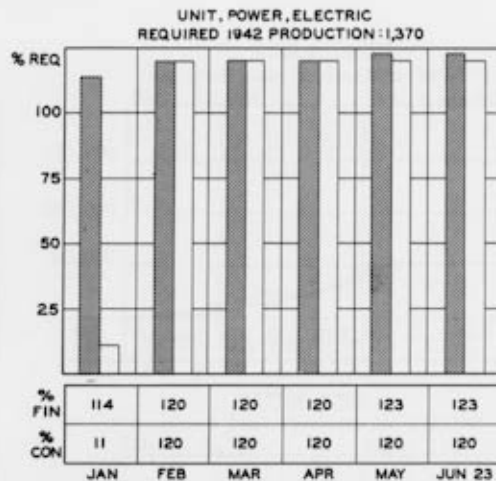
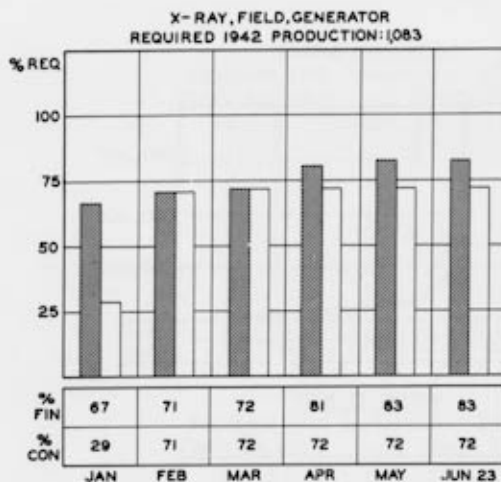
This equipment, constructed of special weights of canvas, webbing, and binding tape, is difficult to procure due to the large amount of this material required by the Army and Navy, and the scarcity of machines available in the textile industry for its manufacture. Contractors, in addition to having difficulty in procuring the textiles entering into this equipment, have also been held up in some cases by scarcity of snaps, rings, and buckles, also required to complete these items.

PERCENTAGE OF MILITARY PERSONNEL ON SICK REPORT: In the week ended July 2, 1942, the percentage of sick within the continental limits of the United States was 2.60. There were 2.39 percent in hospital and .21 percent in quarters.

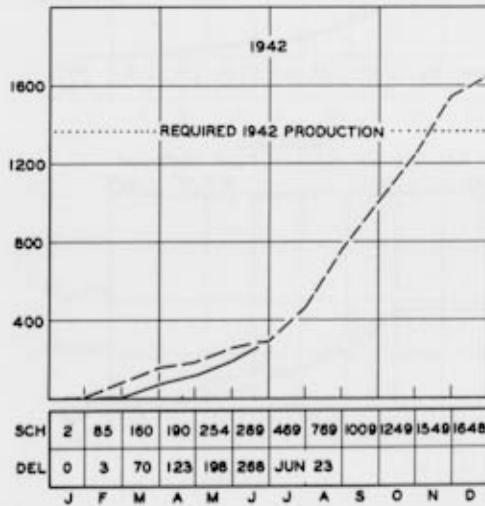
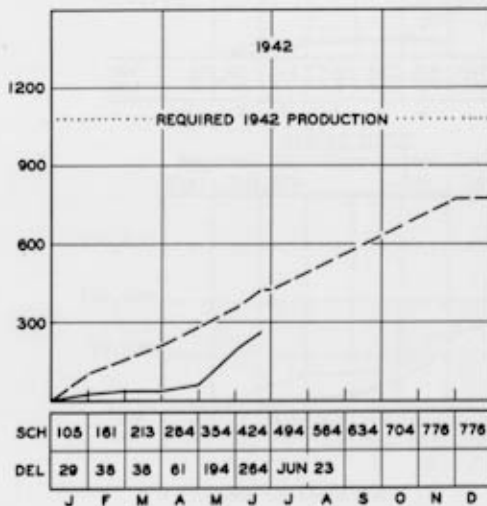
MEDICAL DEPARTMENT - STATUS OF ELECTRIC POWER GENERATORS - JUNE 23, 1942

Source of Information: Medical Department Procurement Progress Reports

FINANCING AND CONTRACTS



SCHEDULES AND DELIVERIES



MEDICAL DEPARTMENT - STATUS OF KIT COMPONENTS, INDIVIDUAL EQUIPMENT - JUNE 23, 1942

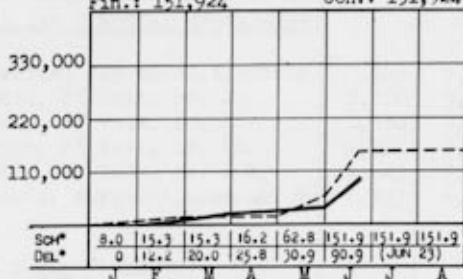
Source of Information: Medical Department Procurement Progress Reports

There are no International Aid or Navy Requirements on these items.

Cumulative - 1942

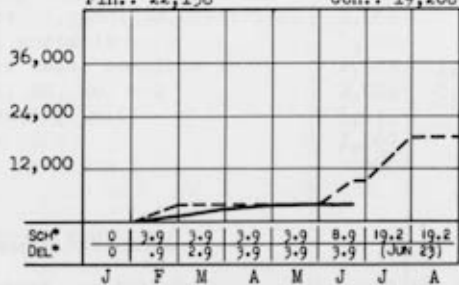
CATTLE RING STRAP

Required 1942 Production: 419,067
Fin.: 151,924 Con.: 151,924



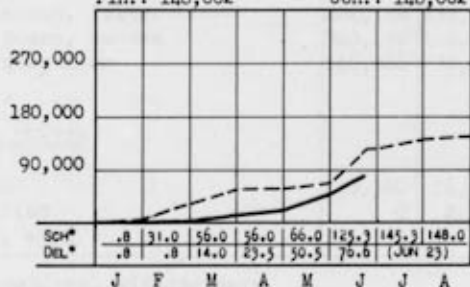
TYPE II INSERT

Required 1942 Production: 48,960
Fin.: 22,158 Con.: 19,208



CANVAS POUCH

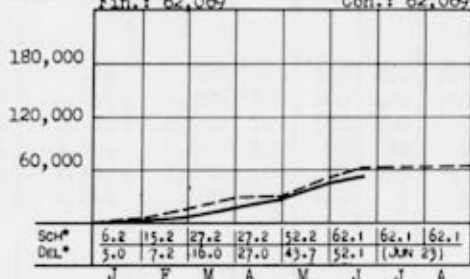
Required 1942 Production: 340,498
Fin.: 148,002 Con.: 148,002



* Figures in thousands.

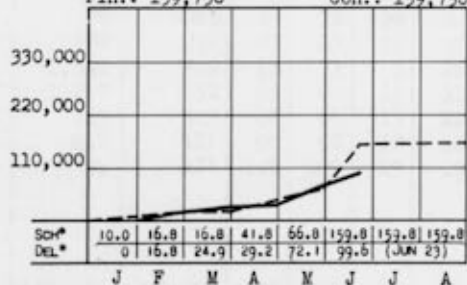
TYPE I INSERT

Required 1942 Production: 250,373
Fin.: 62,069 Con.: 62,069



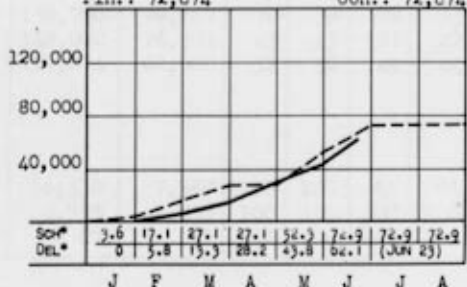
LITTER STRAP

Required 1942 Production: 424,188
Fin.: 159,750 Con.: 159,750



SUSPENDER

Required 1942 Production: 140,686
Fin.: 72,874 Con.: 72,874



MEDICAL DEPARTMENT - CRITICAL ITEMS, FIELD EQUIPMENT - JUNE 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	1942 Req. prod.*	Fi- nanced*	Con- tracted*	De- * livered	Percent requirement			
					Fin	Con	Due	Del
<u>DENTAL AND SURGICAL INSTRUMENTS</u>								
Retractor, abdominal,flexible	103	5,727	103	103	100	100	100	100
Curette, FF Molt, no. 2	1,756	3,116	1,756	1,756	100	100	100	100
Curette, FF Molt, no. 4	1,756	3,116	1,756	1,756	100	100	100	100
Curette, FF Molt, no. 9L	1,821	3,164	1,804	1,804	100	99	99	99
Curette, FF Molt, no. 10R	1,823	3,164	1,805	1,804	100	99	99	99
Scissors, surgical,Dean no. 9	5,393	6,585	6,264	62	100	100	1	1
<u>FIELD X-RAY EQUIPMENT</u>								
Chest, film	1,077	493	493	493	46	46	26	46
Loading bin combination	867	642	642	285	74	74	23	33
Generator,gasoline,electrical	1,083	903	776	264	83	72	39	24
Grid, portable	1,001	670	670	350	67	67	35	35
Mobile unit, complete	2,085	1,739	1,529	542	83	73	5	26
Chest, Md, no. x-1	2,024	1,317	1,217	632	65	60	15	31
Processing unit	1,151	783	783	243	68	68	13	21
Table unit	1,062	951	612	111	90	58	10	10
Tent, darkroom	690	748	721	121	100	100	19	18
<u>INDIVIDUAL EQUIPMENT</u>								
Kit strap, cantle ring	419,067	151,924	151,924	90,862	36	36	36	22
Kit insert, Type I	250,373	62,069	62,069	52,050	25	25	25	21
Kit insert, Type II	48,960	22,158	19,208	3,900	45	39	18	8
Kit strap, litter	424,188	159,750	159,750	99,617	38	38	38	23
Kit pouch, canvas	340,498	148,002	148,002	76,571	43	43	37	22
Kit suspender	140,686	72,874	72,874	62,068	52	52	49	44
<u>FIELD CHESTS</u>								
Plain	10,360	16,518	16,518	7,387	100	100	91	71
Modified	0	2,353	2,353	1,033	100	100	100	100
Pack, empty	0	87	87	87	100	100	100	100

*International aid and Navy figures not included.

MEDICAL DEPARTMENT - ESSENTIAL ITEMS, FIELD EQUIPMENT - JUNE 23, 1942

Source of Information: Medical Department Procurement Progress Reports

Item	1942 req. prod.*	Fi- nanced*	Con- tracted*	De- livered*	Percent requirement			
					Fin	Con	Due	Del
<u>SURGICAL DRESSINGS</u>								
Bandage, gauze, compressed, 2x2"	421,378	471,835	445,720	94,585	100	100	51	22
Bandage, gauze, compressed, 3"	6,866	377,438	347,032	193,386	100	100	100	100
Dressing, first-aid, large	5,345,352	5,227,793	5,227,793	3,609,000	98	98	85	68
Dressing, first-aid, small	8,610,685	11,029,334	6,279,334	2,890,340	100	73	60	34
<u>LABORATORY EQUIPMENT</u>								
Autoclave, laboratory, field	118	118	118	118	100	100	100	100
Incubator, 1920 field model	12	12	12	12	100	100	100	100
<u>FIELD DENTAL CHAIR</u>	5,356	5,271	4,871	0	98	91	0	0
<u>FIRST-AID KITS</u>								
Aeronautic	19,812	1,743	1,642	1,142	9	8	6	6
Motor vehicle, 24-unit	45,698	42,574	42,574	25,662	93	93	93	56
Motor vehicle, 12-unit	463,012	291,984	291,984	105,672	63	63	37	23
<u>HOSPITAL EQUIPMENT</u>								
Bed, folding	306,814	229,213	139,213	20,388	75	45	44	7
Cabinet, instrument, field	3,729	2,670	2,668	1,024	72	72	72	27
Cabinet, medicine, field	16,930	9,313	9,313	5,232	55	55	55	31
Carriage, dressing, knocked-down	6,436	3,614	3,013	2,563	56	47	47	40
Carrier, field, collapsible	1,380	4,647	0	0	100	0	0	0
Heater, water	552	566	222	222	100	40	40	40
Irrigator stand, folding	482	231	231	231	48	48	48	48
Lamp, operating, field	2,382	4,590	4,445	2,379	100	100	95	100
Litter	45,211	1,684	1,684	1,291	4	4	4	3
Litter, folding	1,990	28,807	8,111	109	100	100	100	5
Sterilizer, dress. & uten., lg.	678	715	715	390	100	100	65	58
Sterilizer, instrument, 17"	2,473	9,569	2,100	2,156	100	85	61	87
Sterilizer, water	648	616	616	590	95	95	95	91
Table, bedside, folding	417,218	243,890	243,890	232,426	58	58	58	56
Table, instrument, folding	3,046	4,539	2,493	359	100	82	82	12
Table, operating, folding	2,015	957	0	0	47	0	0	0
Typewriter, portable	3,012	7,068	7,068	5,633	100	100	100	100
Unit, power, electric	1,370	1,689	1,648	268	100	100	21	20

*International aid and Navy figures not included.

TEXT SUMMARY - C. W. S. - STATUS JULY 3, 1942

Source of Information: Chemical Warfare Service Progress Reports

CHEMICAL AGENTS: Mustard Gas: Although the rated weekly capacity of the five plants now in operation is 750 tons, these plants actually produced 1,021 tons during the past week. This overproduction was due in a great extent to the fact that four of the five plants are comparatively new, and it is problematical if this rate can be maintained over a long period of time. Nine additional plants are expected to be in operation by January 1, 1943, having a rated weekly capacity of 150 tons each or a total additional capacity of 1,350 tons.

Screening Smoke: There is no difficulty in producing FS smoke. Although production may vary from week to week, it is estimated that an average of 200 tons per month can now be produced.

Lewisite: Nine tons of this agent were produced during the last week by the Edgewood plant although its rated capacity is only 26 tons per month. Renovation of this plant is planned during September after which its capacity will be increased to 75 tons per month. Additional units are planned at Huntsville, Pine Bluff and Denver. It is estimated that by the end of the year the total production will have reached 1,804 tons, and there will be an available monthly capacity of 3,050 tons thereafter. In order to manufacture Lewisite in this quantity, it is necessary that immediate steps be taken to provide sufficient arsenic oxide and arsenic trichloride for the seventeen available units.

INCENDIARY BOMBS: Production of the magnesium four-pound bomb is dependent upon the allocation of magnesium. Acceptances during the past week have been greater than those of previous weeks, but loading facilities are available for the assembling of 9,000,000 bombs per month.

Inasmuch as Chemical Warfare Service has almost reached its 1942 requirements of 13,500,000 substitute incendiary bombs, and no additional authorization has been granted, a steady decrease in production can be anticipated.

AGENT, NON-CORROSIVE: While the production of this item fluctuates, the average of about 25,000 gallons per week is being maintained. Production is dependent upon the availability of the component, RH-195, and at present the capacity to manufacture this component is limited to three tons per day. It is expected that this capacity will be doubled by July 1943.

WEEKLY DELIVERIES - SELECTED ITEMS

Item	Deliveries		Item	Deliveries	
	Jun 20 to Jun 26	Jun 27 to Jul 3		Jun 20 to Jun 26	Jun 27 to Jul 3
Agent, Decont. (ton)	142	138	Apparatus, Decont. (3 gal)	0	2,960
Agent, Decont. H.T. (ton)	0	61	Bomb, Instructional, M2	3,528	8,064
Agent, Non-Corr. (gal)	29,925	19,043	Cart, Ammunition, 4.2"	99	93
Apparatus, Decont. Power	55	58	Container, Steel (1 ton)	588	563
Bomb, Incendiary (Mag)	70,964	106,629	Curtain, Gasproof	8,558	16,767
Bomb, Incendiary (Sub)	629,996	564,509	Generator, Smoke, Veh.	0	55
Chemical Agents (tons)			Impregnite I (ton)	106	68
Lewisite (Ml)	0	9	Impregnite, Shoe (ton)	216	305
Mustard (HS)	970	1,021	Mortar, Chemical, 4.2"	20	11
Screening Smoke (FS)	133	80	Ointment, Protective (ton)	17	14
Tear Gas (CNS)	58	94	Respirator, Dust	21,363	36,270
White Phosphorus (WP)	1,470	257	Set, Gas, Detonation	0	200
Mask, Gas, Service	58,326	33,380	Shell, Chemical Mortar	5,840	5,947
Tank, Airplane, M10	314	10	Solvent, Impregnite (ton)	488	598
Apparatus, Decont. (1½ qt)	15,200	0	Wrench, Valve-Removing	30	119

TABULAR SUMMARY - STATUS OF SELECTED C. W. S. ITEMS ON ARMY SUPPLY PROGRAM*
JUNE 30, 1942

Source of Information: Chemical Warfare Service

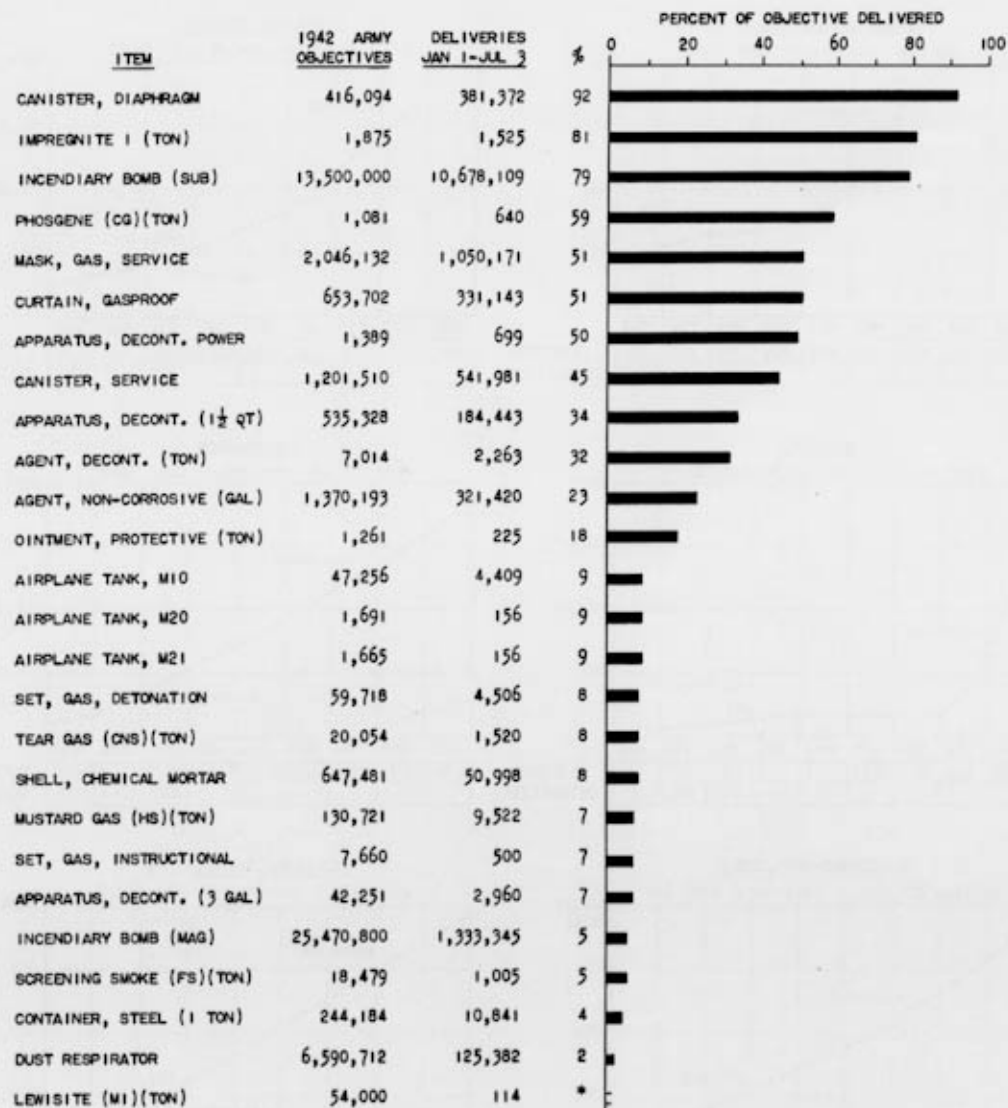
Item	Author- ized**	Under con- tract**	Req'd prod. 1942	Accepted					Estimated			
				Jan 1- Jun 30	Mar	Apr	May	Jun	Jun	Jul	Aug	
CRITICAL												
Agent, Decont. (ton)	5,941	9,367	7,014	2,125	382	172	448	737	310	800	800	
Agent, Decont. H.T.(ton)	991	991	493	185	0	26	99	31	75	50	50	
Agent, Non-Corr. (gal)	2,604,023	2,604,023	1,370,193	302,376	28,349	121,718	51,653	100,697	110,000	100,000	115,000	
Apparatus,Decont. Power	1,266	1,766	1,389	641	67	145	198	231	160	160	160	
Bomb, Incendiary (Mag)(a)	89,775	35,000	25,471	1,227	111	233	549	330	750	1,250	700	
Bomb, Incendiary (Sub)(a)	13,500	13,500	13,500	10,114	1,911	1,784	2,347	3,045	2,132	1,500	1,848	
Canister, Svc. & Dis.	2,065,369	2,065,372	1,617,604	923,353	247,463	173,614	58,805	0	250,000	0	0	
Chemical Agents (tons)												
Lewisite (M-1)	58,912	4,912	54,000	106	28	26	24	28	0	26	26	
Mustard (HS)	164,498	31,182	130,721	8,501	586	960	2,457	3,159	1,400	3,000	3,000	
Phosgene (CG)	3,334	3,334	1,081	640	546	94	0	0	385	0	300	
Screening Smoke (FS)	18,861	1,992	18,479	925	205	83	0	185	250	200	200	
Screening Smoke (HC)	3,837	3,837	474	0	0	0	0	0	350	350	350	
Tear Gas (DS)	20,400	2,507	20,054	1,426	277	224	320	259	250	250	250	
White Phosphorus (WP)	16,139	9,786	3,830	5,322	523	421	2,385	1,785	Procured as needed			
Mask, Gas, Diaphragm	615,247	634,646	843,200	194,643	8,437	30,073	30,763	0	30,000	30,000	30,000	
Mask, Gas, Service	3,965,480	3,861,172	2,046,132	1,016,791	146,465	193,327	146,171	201,621	250,000	300,000	400,000	
Tank, Airplane, M10	47,256	47,256	47,256	4,399	722	1,312	578	859	800	6,160	5,250	
Tank, Airplane, M20	11,290	6,115	1,692	156	0	112	44	0	0	0	1,000	
Tank, Airplane, M21	11,290	6,115	1,665	156	0	0	134	22	0	0	0	
ESSENTIAL												
Agent, Simulated (M1,M2)	3,177	3,177	597	1,800	0	0	700	1,100	1,377	1,100	0	
Alarm, Gas	51,531	48,309	34,138	0	0	0	0	0	0	0	20,000	
Apparatus,Decont. (1 1/2 qt)	678,875	778,875	535,328	184,443	24,596	33,347	38,400	56,100	78,000	70,000	100,000	
Apparatus,Decont. (3 gal)	48,735	48,735	42,251	0	0	0	0	0	10,000	12,000	12,000	
Brush, Decontaminating	1,311	1,311	1,889	1,111	0	0	1,111	0	0	0	200	
Candle, DN	33,402	33,402	44,019	0	0	0	0	0	6,000	5,402	7,000	
Cart, Ammunition, 4.2"	1,613	1,613	334	100	0	0	0	100	180	100	100	
Container, Steel (1 ton)	283,770	49,167	244,184	10,278	1,627	3,167	1,750	2,054	2,000	2,000	4,000	
Curtain, Gasproof	437,774	442,353	653,702	314,376	28,800	30,248	73,625	40,752	70,000	40,000	40,000	
Cylinders, Portable	27,262	11,510	17,018	0	0	0	0	0	1,766	0	5,000	
Flame Thrower, Emplaced	520	0	1,185	0	0	0	0	0	0	0	0	
Flame Thrower, Mounted	927	0	2,537	0	0	0	0	0	Not standardized			
Generator, Smoke, Veh.	26,813	26,833	51,673	25	0	0	25	0	5,000	5,000	8,000	
Impregnite I (ton)	10,634	5,212	1,875	1,457	217	292	361	387	350	325	325	
Impregnite, Shoe (ton)	8,400	8,900	4,316	7,637	1,127	1,737	1,633	1,157	1,600	1,157	99	
Kit, Repair, Universal M8	15,820	15,820	6,482	0	0	0	0	0	6,490	2,500	5,000	
Mask, Gas, Horse, M1	20,713	20,713	28,268	0	0	0	0	0	10,000	0	20,713	
Mask, Gas, Horse, M5	18,432	18,432	29,056	0	0	0	0	0	10,000	18,432	0	
Mine, Land, Chemical	1,411,507	1,451,507	398,970	543,347	80,231	0	0	0	100,000	0	68,160	
Mortar, Chemical, 4.2"	1,906	1,906	395	28	0	0	1	27	100	100	100	
Ointment, Prot. (ton)	1,074	667	1,261	211	30	48	66	63	69	124	124	
Plant, Impregnating M1	5	15	19	0	0	0	0	0	1	6	8	
Respirator, Dust	5,450,500	5,532,747	6,590,712	89,112	3,836	3,839	15,466	51,721	300,000	100,000	250,000	
Set, Accessories, L.P.	513	282	120	3	0	0	0	0	0	0	10	
Set, Gas, Detonation	4,684	4,684	59,718	4,036	0	141	1,546	89	425	648	0	
Set, Gas, Instructional	0	0	7,660	500	0	0	318	182	575	1,000	1,000	
Shell, Chemical Mortar	2,059,837	2,059,837	647,481	45,051	3,419	8,277	13,606	19,749	30,000	20,000	30,000	
Shell, Live Projector	187,639	40,246	32,268	24,327	0	0	20,779	0	55,000	0	4,467	
Sight, Chemical Mortar	2,117	2,117	411	350	0	0	0	350	0	350	375	
Solvent, Impregnite (ton)	22,685	22,685	5,156	7,547	1,202	875	1,034	2,189	1,000	2,000	2,000	

* International Aid and Navy figures not included.
 ** Deliveries prior to January 1, 1942 are excluded.

(a) Figures in thousands.

PROCUREMENT PROGRESS - C. W. S. - SELECTED ITEMS - JULY 3, 1942

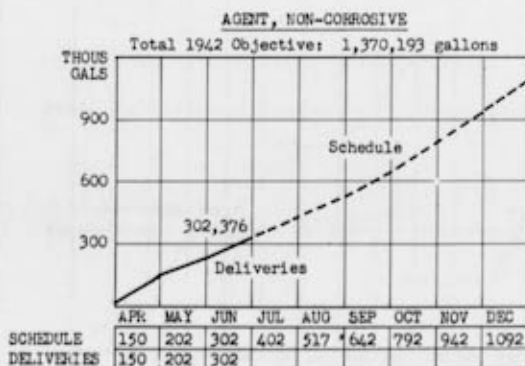
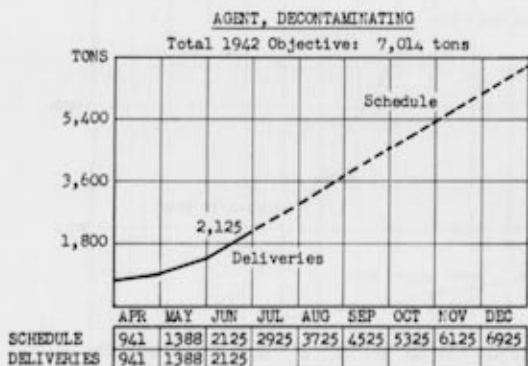
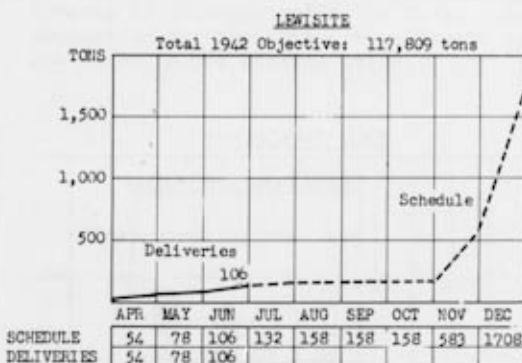
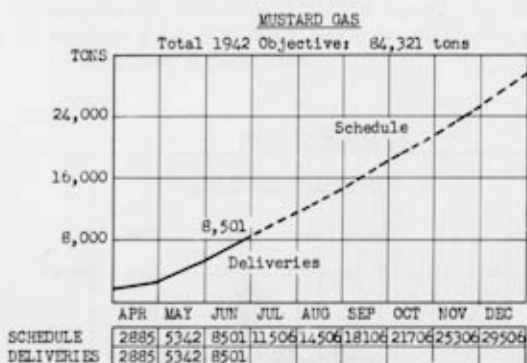
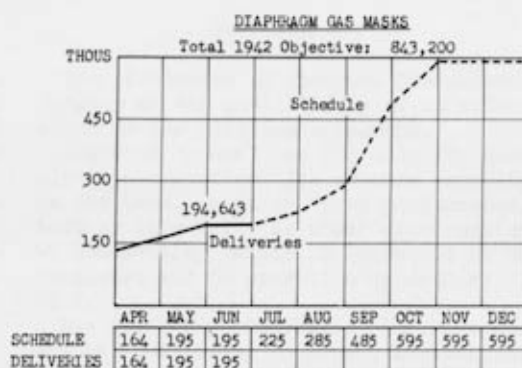
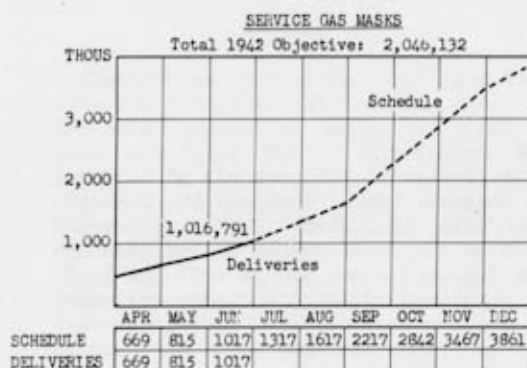
Source of Information: Chemical Warfare Service



* LESS THAN ONE PERCENT DELIVERED

SELECTED ITEMS - C. W. S. - SCHEDULES AND DELIVERIES - JUNE 30, 1942

Source of Information: Chemical Warfare Service



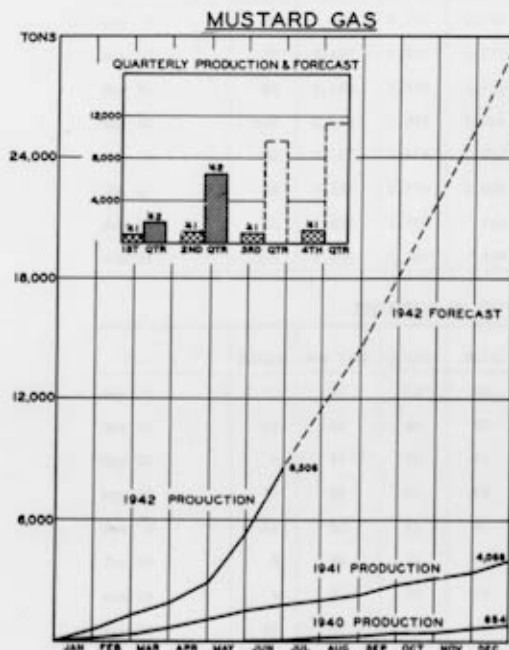
PRODUCTION FACILITIES - C. W. S. - JULY 3, 1942

Source of Information: Chemical Warfare Service

MUSTARD GAS

Mustard Gas production continues at a rate above the estimated plant capacity. The total production during the month of June was 3,164 tons. This amount was reported by the one unit in operation at Edgewood and the four units located at Huntsville. Nine additional units are planned; two at Huntsville; two at Pine Bluff and five at the Denver Arsenal. All units are expected to be in operation by January 1, 1943 with a rated production capacity of 7,200 tons per month.

The requirements for the thirty month period extending through the first six months of 1944 are 119,588 tons. An additional 46,400 tons will be required as a Lewisite substitute.

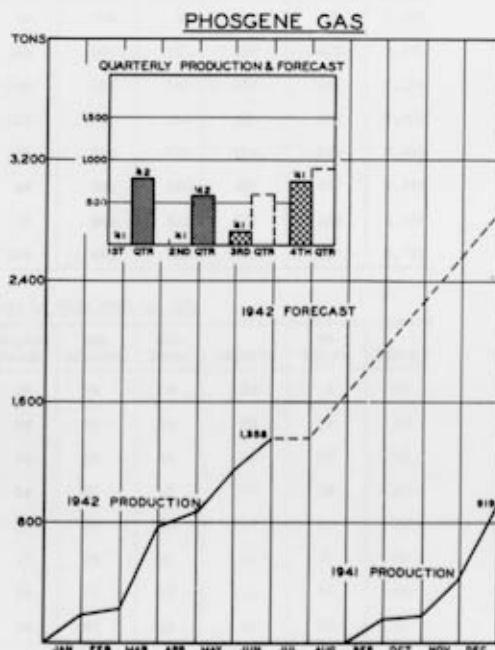


PHOSGENE GAS

The production of Phosgene Gas depends largely on the availability of chlorine, which is the limiting component.

Edgewood Arsenal has the only Phosgene plant in operation. Its monthly capacity is 385 tons, based on past performance. Another like unit is under construction at Huntsville, which is expected to be completed and in operation by January 1, 1943.

The 1942 Army Objective for Phosgene Gas is 1,081 tons. However, in addition to this requirement, a large quantity of this gas is needed in the manufacturing process of Impregnite "I", or CC-2. The production for the latter requirement is not shown in the diagram below.



PORT SITUATION - DELAYS IN CAR UNLOADING - JUNE 26, 1942

Source of Information: Association of American Railroads - PT Report No. 8

CARLOAD FREIGHT FOR EXPORT AND COASTAL VESSEL MOVEMENT (EXCLUDING COAL)

LOADED CARS ON HAND

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	132	8,008	3,542	2,760	298	2,206	1,561	464	2,545	21,316
May 16	163	7,982	3,489	2,634	285	2,448	1,293	669	2,984	21,937
May 22	782	7,256	3,385	2,178	346	2,406	1,616	402	2,489	20,758
May 29	520	6,771	3,060	1,935	410	2,690	1,606	500	2,391	19,883
Jun 5	405	7,390	2,887	1,971	345	2,735	1,888	349	3,147	21,115
Jun 12	447	6,828	2,761	1,778	246	2,752	1,806	482	2,958	20,068
Jun 19	566	6,767	2,894	1,772	331	2,848	1,642	972	3,371	21,163
Jun 26	374	6,254	2,787	1,611	556	3,239	1,610	1,241	3,682	21,324

LOADED CARS ON HAND OVER 10 DAYS

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	66	2,968	2,556	1,238	64	308	82	160	192	7,636
May 16	62	2,647	2,294	1,670	102	323	131	197	413	7,829
May 22	51	2,368	2,369	1,116	189	589	163	233	566	7,434
May 29	169	2,658	1,933	1,014	133	605	195	186	462	7,254
Jun 5	60	2,497	1,474	1,013	67	749	183	128	1,279	7,440
Jun 12	38	2,662	1,674	1,003	42	803	180	128	1,207	7,737
Jun 19	22	2,453	1,696	941	59	949	306	107	984	7,517
Jun 26	176	2,344	1,631	928	106	1,698	302	429	982	8,797

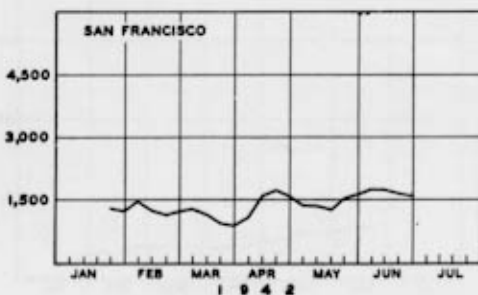
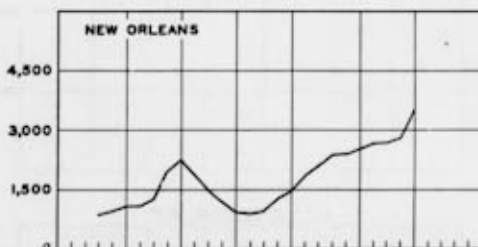
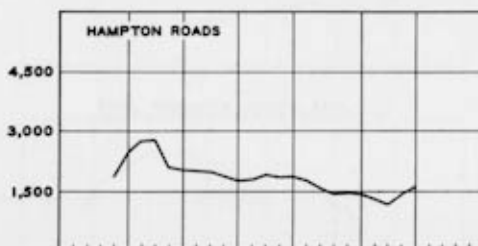
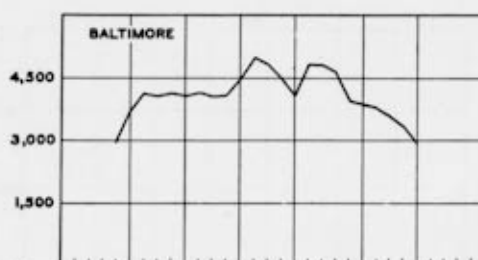
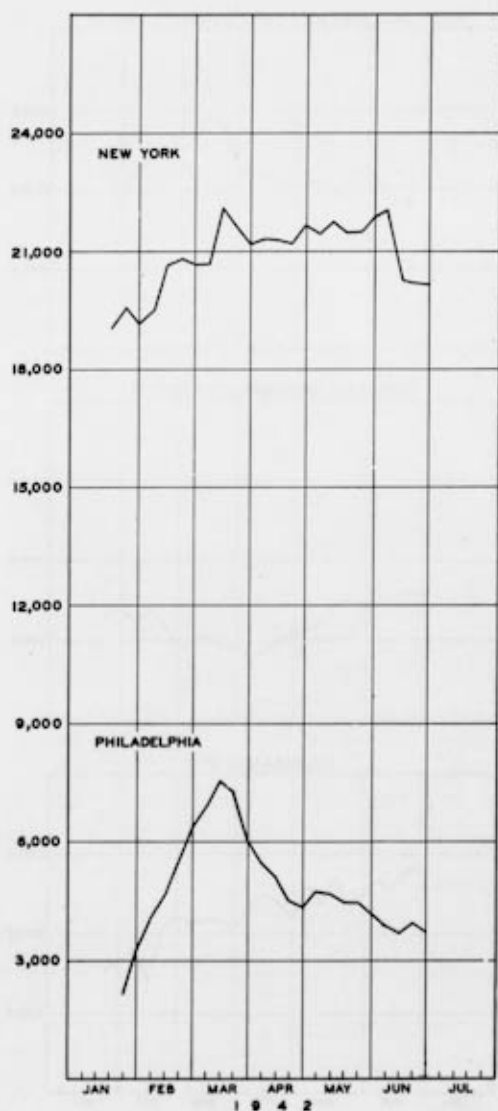
PERCENTAGE OF LOADED CARS ON HAND OVER 10 DAYS

	Boston	New York	Phila.	Balt.	Hampton Roads	New Orleans	San Fran.	Seattle	25 Others	Total
May 8	50	37	72	45	21	14	6	34	8	36
May 16	34	33	66	63	36	13	10	29	14	36
May 22	7	33	70	51	55	16	11	58	23	36
May 29	33	38	63	52	32	22	12	37	19	36
Jun 5	12	34	51	51	19	27	10	37	41	36
Jun 12	9	39	61	56	17	29	10	27	41	39
Jun 19	4	36	59	53	18	33	19	11	29	36
Jun 26	48	37	66	58	19	52	19	36	27	41

PORT SITUATION - RAIL FREIGHT AT SELECTED PORTS - JUNE 26, 1942

Source of Information: Association of American Railroads - PT Report No. 7

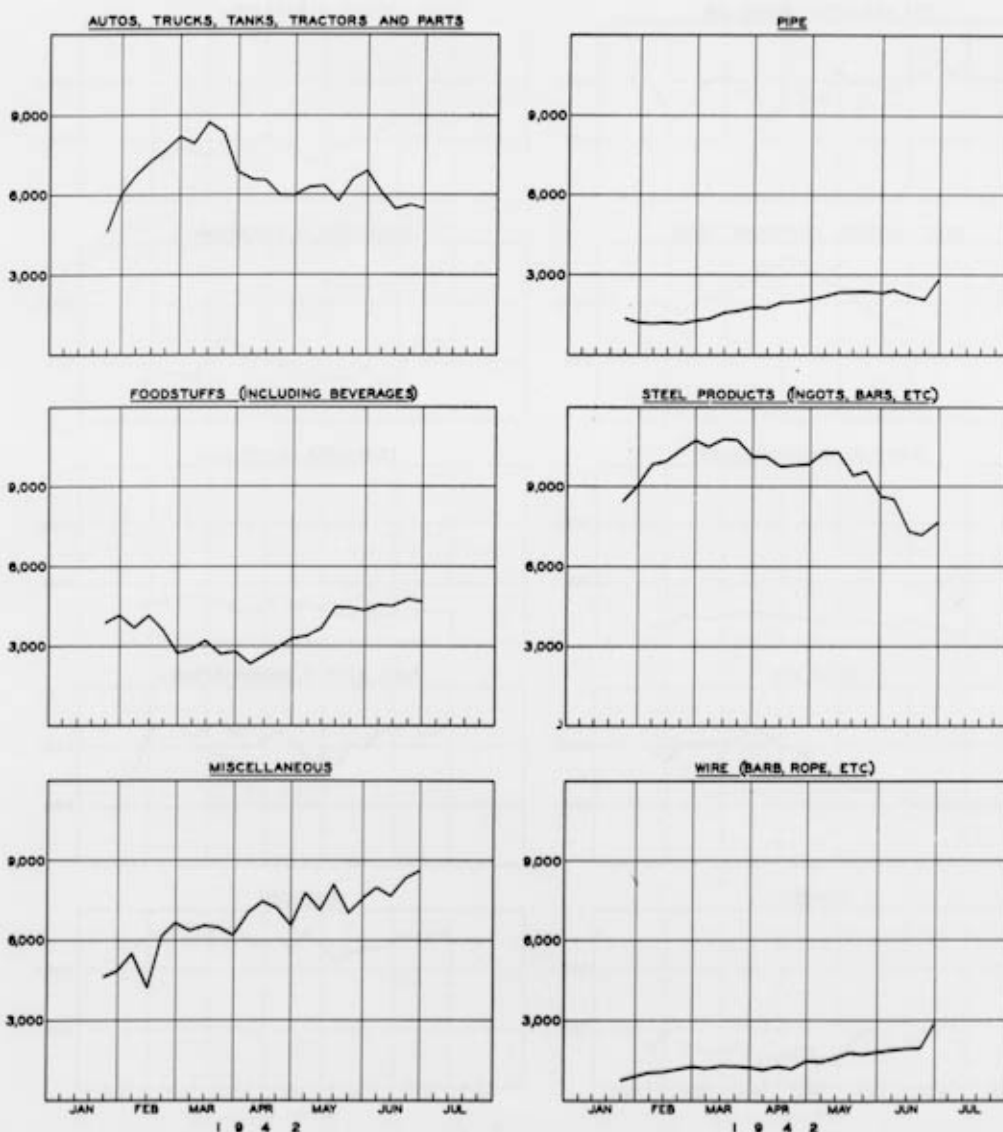
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS
AND IN STORAGE AT RAILROAD OWNED AND OPERATED FACILITIES



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - JUNE 26, 1942

Source of Information: Association of American Railroads - PT Report No. 7

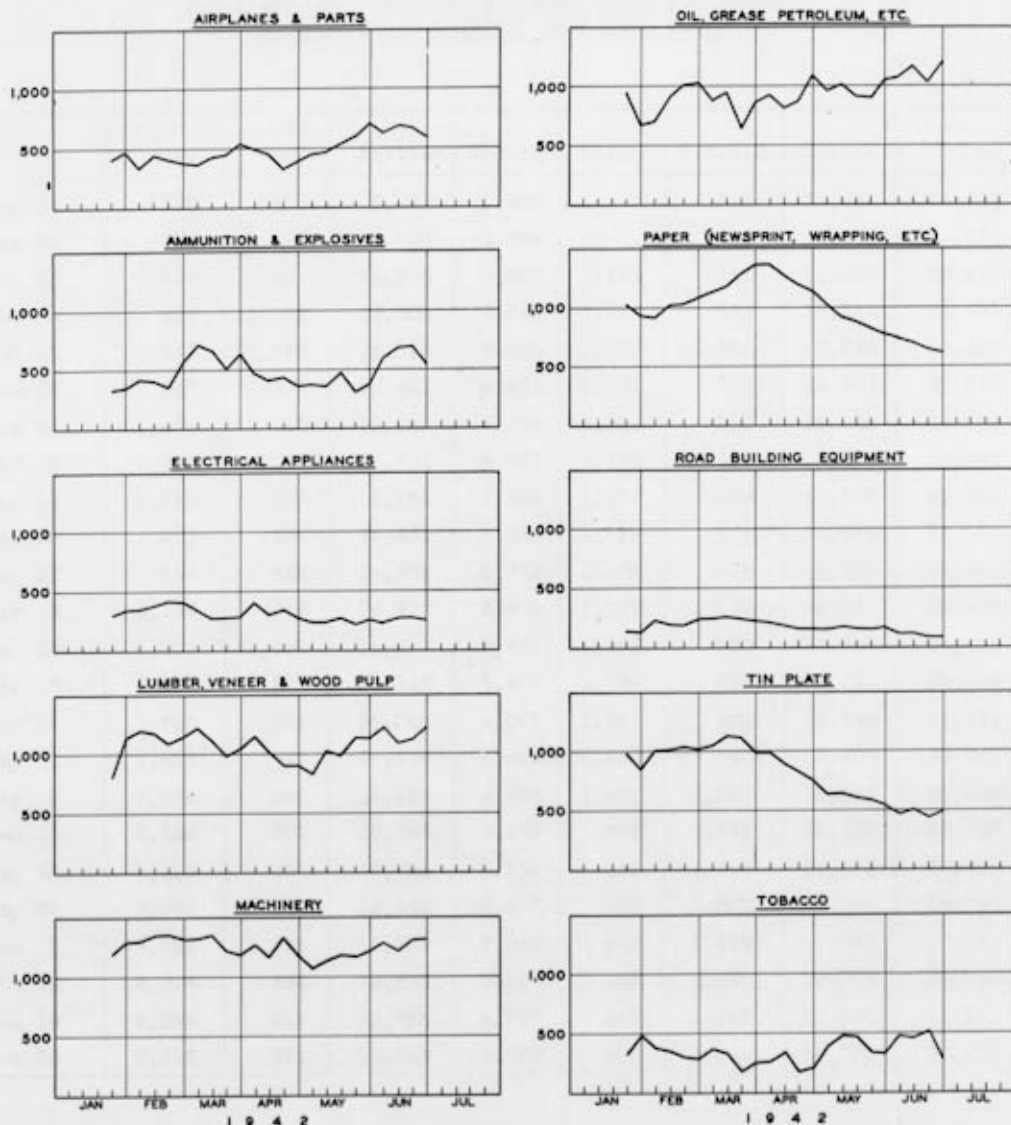
CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE
AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - RAIL FREIGHT AT PRINCIPAL PORTS BY COMMODITY - JUNE 26, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON RAILS AND IN STORAGE
AT RAILROAD OWNED AND OPERATED FACILITIES AT THIRTEEN PRINCIPAL PORTS



PORT SITUATION - CONSIGNEES OF RAIL FREIGHT AT PRINCIPAL PORTS - JUNE 26, 1942

Source of Information: Association of American Railroads - PT Report No. 7

CARLOADS OF EXPORT FREIGHT (EXCLUDING COAL & GRAIN) ON
RAILS AND IN STORAGE AT RAILROAD OWNED AND OPERATED
FACILITIES AT THIRTEEN PRINCIPAL PORTS

	U.S. Army	U.S. Navy	British	Amtorg	China	F.S.C.C.	Others	Total
Jan 16	538	173	8,087	1,809		447	11,146	22,200
Jan 23	756	1,029	14,408	1,892		393	12,457	30,935
Jan 30	650	1,067	14,978	2,490	1,435	485	11,665	32,770
Feb 6	904	1,078	15,802	2,549	1,737	359	12,312	34,741
Feb 13	837	1,149	16,543	2,820	1,828	391	12,778	36,346
Feb 20	1,017	973	16,617	3,651	1,301	352	13,361	37,272
Feb 27	1,490	791	15,980	4,398	1,246	253	14,126	36,284
Mar 6	1,659	754	15,801	4,527	1,196	404	13,800	38,141
Mar 13	1,240	853	18,238	4,569	1,237	459	14,158	40,754
Mar 20	934	838	15,451	4,717	1,289	381	14,524	38,134
Mar 27	983	846	14,532	3,765	1,200	358	14,546	36,230
Apr 3	1,116	918	14,877	3,615	1,232	320	14,361	36,439
Apr 10	1,401	1,051	14,517	3,891	1,258	520	13,797	36,435
Apr 17	1,543	971	14,215	3,907	1,250	520	13,210	35,616
Apr 24	1,756	821	14,246	4,053	1,262	600	12,894	35,632
May 1	1,967	929	14,376	4,827	1,280	742	13,400	37,521
May 8	1,888	896	15,434	4,637	1,086	1,022	12,646	37,609
May 15	2,156	807	16,244	4,271	929	1,456	12,402	38,265
May 22	3,123	980	15,792	3,724	889	1,716	11,602	37,826
May 29	3,605	975	16,144	3,567	886	1,843	11,061	38,081
Jun 5	2,283	1,093	17,204	3,615	886	1,459	11,692	38,232
Jun 12	2,584	884	15,775	3,845	936	1,259	10,713	35,996
Jun 19	2,399	911	15,786	4,777	883	1,259	10,645	36,660
Jun 26	2,316	921	15,584	5,070	905	1,104	10,738	36,638

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Aircraft Branch, WPB
Statistical Control, AAF

U. S. AIRPLANE PRODUCTION - F. Y. 1942

On June 30, 1942, the second fiscal year of the war production effort came to a close. During F. Y. 1942, 32,729 airplanes were produced for all customers. This was a rise of 195 percent over the output in F. Y. 1941, which amounted to 11,104 units. Comparative production during the two fiscal year periods is shown in the table below.

Type	F.Y. 1941	F.Y. 1942	Unit Change	Percent Change
Heavy Bomber	116	1,164	+ 1,048	+ 903
Medium Bomber, 2-eng	177	1,510	+ 1,333	+ 753
Light Bomber, 2-eng	1,340	3,034	+ 1,694	+ 126
Light Bomber, 1-eng	503	763	+ 260	+ 52
Flying Boat, 4-eng	4	2	- 2	- 50
Flying Boat, 2-eng	215	569	+ 354	+ 165
Total Bombers	2,355	7,042	+ 4,687	+ 199
Army Fighter, 2-eng	22	854	+ 832	+ 3,782
Army Fighter, 1-eng	1,999	6,129	+ 4,130	+ 207
Navy Fighter, 1-eng	596	825	+ 229	+ 38
Total Fighters	2,617	7,808	+ 5,191	+ 198
Naval Reconnaissance	203	984	+ 781	+ 385
Total Combat	5,175	15,834	+ 10,659	+ 206
Communications	116	2,431	+ 2,315	+ 1,996
Transport	287	715	+ 428	+ 149
Total Service Combat	403	3,146	+ 2,743	+ 681
Total Tactical	5,578	18,980	+ 13,402	+ 240
Adv Trainer, 2-eng	231	2,230	+ 1,999	+ 865
Adv Trainer, 1-eng	1,618	2,891	+ 1,273	+ 79
Basic Trainer	959	3,231	+ 2,272	+ 237
Primary Trainer	2,718	5,397	+ 2,679	+ 99
Total Trainer	5,526	13,749	+ 8,223	+ 149
Grand Total	11,104	32,729	+ 21,625	+ 195

U. S. AIRPLANE ACCEPTANCES - JUNE 1942

In terms of airframe weight, production (excluding spares) increased five percent, from 19.4 million pounds in May to 20.3 million pounds in June.

Although total acceptances declined six percent, from 3,919 in May to 3,696 in June, acceptances of tactical types increased seven percent, from 2,302 in May to 2,462 in June. Tactical types represented 59 percent of total acceptances in May as against 67 percent in June.

On the other hand, 383 less trainers were accepted in June than in May. This was due to the wind-up of current trainer contracts of two important manufacturers during the previous month. There was also some shortage of vendor furnished equipment for trainers.

TABULAR SUMMARY - U. S. AIRPLANE PRODUCTION BY MANUFACTURER - JUNE 1942

Source of Information: Statistical Control, AAF
Aircraft Branch, WPB

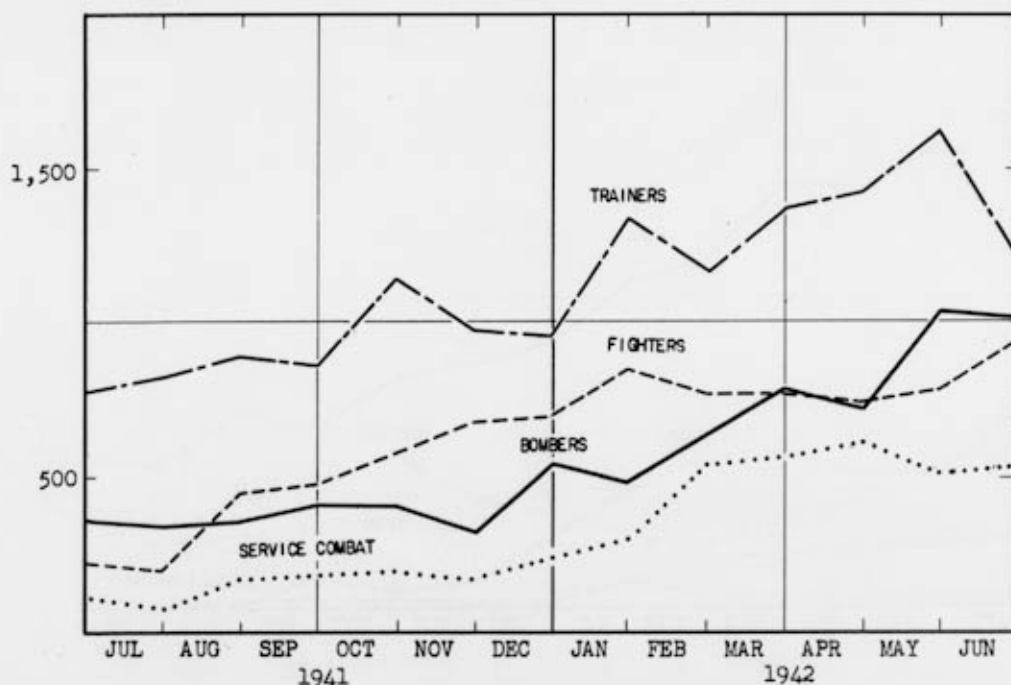
MILITARY MANUFACTURERS	TACTICAL								TRAINING					Grand Total		
	4 Eng Bomber	2 Eng Bomber	1 Eng Medium Light Bomber	Fighter 2 Eng 1 Eng	Naval Reconn	Trans- port	Comm	Total Tactical	Advanced 2 Eng 1 Eng	Basic	Prim	Total Trainer				
Aerona							61	61	116				61			
Beech							1	1				116	117			
Bell (Buffalo)				227				227					227			
Boeing (Seattle)	95							95					95			
Boeing (Vancouver)	No production in June												0			
Boeing (Wichita)	No production in June										171	171	171			
Brewster									92			92	92			
Cessna													0			
Consolidated (F.W.)	2							2					2			
Consolidated (S.D.)	96	62				1		158					158			
Curtiss (Buffalo)				347				348					348			
Curtiss (Columbus)					5			5					5			
Curtiss (St. Louis)									42			42	42			
De Havilland	No production in June												0			
Douglas (E.S.)				64				64					64			
Douglas (L.B.)	2		84			60		146					146			
Douglas (S.M.)			14		33		13	60					60			
Douglas (Tulsa)	No production in June												0			
Fairchild (Hagers.)							27	27			126	126	153			
Fleet	No production in June												0			
Ford (Willow Run)	No production in June												0			
Grumman				61	130		7	198					198			
Howard								3					3			
Lockheed			76		105		17	198					198			
Martin (Balt.)		84	33					117					117			
Martin (Omaha)	No production in June							27					0			
Naval Aircraft						27		27					27			
Noorduyn									48			48	48			
North Amer. (Dallas)									254			254	254			
North Amer. (Ingle.)		103			84			187					187			
North Amer. (K.C.)		26						26					26			
Northrop (Hawthorne)				42				42					42			
Piper								139					139			
Republic					26			26					26			
Ryan											73	73	73			
Spartan											5	5	5			
Taylorcraft								70					70			
Vega	2	105						107					107			
Vought-Sikorsky						71		72					72			
Vultee (Downey)				1				1			306	306	307			
Vultee (Nash.)				55				55					55			
Vultee (Wayne)	No production in June												0			
Waco (Troy) #1												1	1			
TOTAL (43 MPHS.)	197	380	207	223	138	814	103	98	302	2,462	208	344	306	376	1,234	3,696
CUSTOMERS																
Army	94	211	84		138	157		51	271	1,006	200	60	269	195	724	1,730
Navy (a)	1	2		125		120	103	13	4	368		193	37	103	333	701
International Aid																
Army	102	62	76			443		23	16	722	8	91		78	177	899
Navy						10		3		13						13
British		105	33	98		84				320						320
Other Foreign			14					8	11	33						33
Commercial (b)	No production in June															0
TOTAL	197	380	207	223	138	814	103	98	302	2,462	208	344	306	376	1,234	3,696

(a) Includes procurement by the Army for the Navy.
(b) Excludes less-than-12-place commercial acceptances.

TYPES - U. S. AIRPLANE ACCEPTANCES - F. Y. 1942

Source of Information: Statistical Control, AAF

Monthly acceptances of airplanes by principal types during F. Y. 1942 are shown in the diagram and table below. As in F. Y. 1941, the monthly output of trainers exceeded that of each other type. Toward the end of the year, however, bombers and fighters were approaching the level of trainer production.

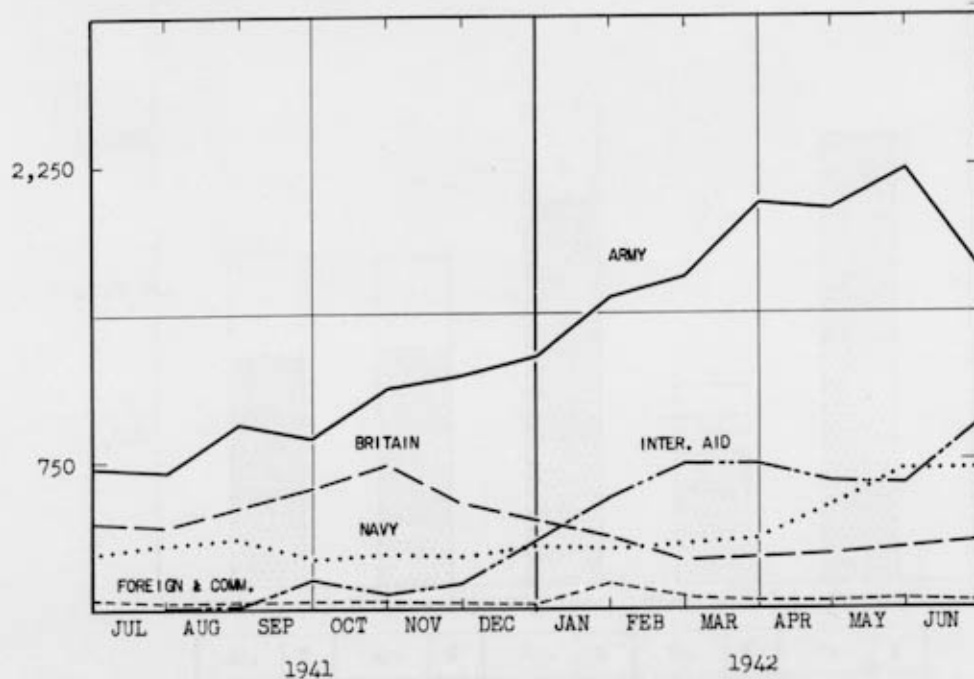


Bombers	345	356	408	404	330	550	492	629	780	721	1,021	1,007
Fighters	202	438	474	569	664	692	843	768	776	747	773	932
Service Combat	85	174	180	183	164	239	306	531	559	614	508	523
Trainers	829	886	861	1,124	975	959	1,331	1,157	1,357	1,413	1,617	1,234

CUSTOMERS - U. S. AIRPLANE ACCEPTANCES - F. Y. 1942

Source of Information: Statistical Control, AAF

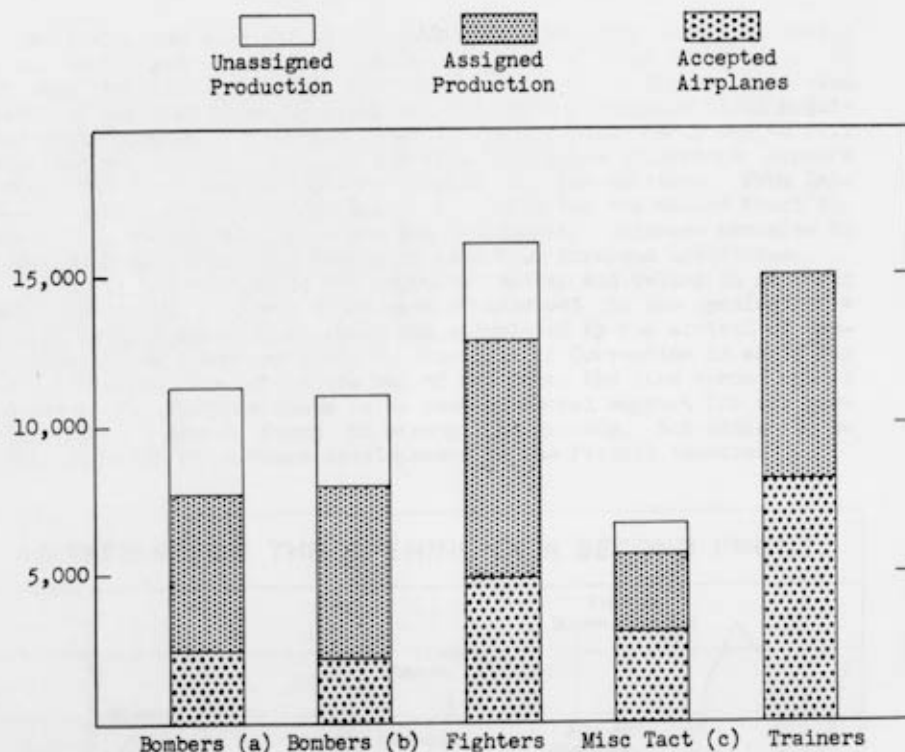
Distribution of the monthly output of airplanes in the United States by customer contracts is shown in the diagram below. Bulk of the output went to the Army. Gradual completion of direct British procurement was replaced by acceptances against International Aid contracts about the middle of the fiscal year. Actual allocation of the airplanes, of course, may be different from the acceptances by customer shown below. Principal variance will be for Russian Aid. No actual procurement is earmarked for Russia.



Army	701	952	887	1,126	1,184	1,284	1,567	1,689	2,077	2,009	2,231	1,730
Inter. Aid	0	2	140	90	119	358	575	726	729	639	635	912
Navy	334	360	263	294	266	324	306	335	351	532	704	701
Britain	410	514	603	733	547	459	388	263	271	274	304	320
Foreign & Comm.	16	26	30	37	17	15	136	72	44	41	45	33

AIRPLANES - 1942 TOTAL PRESIDENTIAL OBJECTIVE - STATUS AS OF JUNE 30, 1942

Source of Information: Objective - 8-J Report - Aircraft Branch, WPB
 Acceptances - Statistical Control, AAF



	Bombers (a)		Bombers (b)		Fighters		Misc Tact		(c) Trainers	
	No.	%	No.	%	No.	%	No.	%	No.	%
Unassigned	3,563	31	3,022	27	3,334	21	1,177	17	0	0
Assigned	5,258	47	5,807	53	7,807	49	2,502	38	6,891	46
Accepted	2,479	22	2,171	20	4,859	30	3,021	45	8,109	54
Total Objective	11,300	100	11,000	100	16,000	100	6,700	100	15,000	100

(a) Long Range, Heavy and Medium Bombers.

(b) Light, Dive, Torpedo and Scout Bombers.

(c) Naval Reconnaissance, Transports and Communications.

EDITORIAL COMMENT ON OUR MILITARY EFFORT - Tallied from a uniform list of newspapers in large cities of the 12 F. R. Districts by weeks ended each Wednesday.

Source of Information: Statistics and Progress Branch, Control Division - Headquarters, SOS, July 9, 1942

Following the outbreak of war there was little editorial agitation for our participation in the opening of a second front in Europe. At that time we still believed that our obligation to Europe consisted chiefly of the supplying of arms, and our mental attitude still acquiesced with Winston Churchill's plea to "Give us the tools and we will finish the job." The sinking of our ships by German submarines appears to have been the cause of the first change in this attitude. From late January until the fall of Singapore agitation for the second front increased, but during the next month the spectacular Japanese advances in the Far East drew editorial attention away from European activities.

In April the slowing of the Japanese drive, and belief in an early German offensive, brought a new wave of interest in the opening of a front in Europe, an interest which was stimulated by the arrival of General Marshall in London on April 8. The fall of Corregidor in early May caused a decline, but before the end of the month the line turned upward once more. The evidence seems to be that editorial support for our participation in a second front is strong and growing, but tends to be sharply modified by untoward developments in the Pacific theatre.

