

War: Reports, Weekly Statistical : 7/27/41

BSF  
War

July 21, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copies No. 2 and No. 3 of  
the Weekly Statistical Report Summary.

*RLP. Patten*

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*PSF War*

WEEKLY STATISTICAL REPORT

No. 2

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*Leonard P. Ayres*  
COL. LEONARD P. AYRES  
DIRECTOR, STATISTICS BRANCH

SUMMARY

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Date- 3-5-59

Signature- *Carl L. Spicer.*

STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-242-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL REPORT

NO. 2

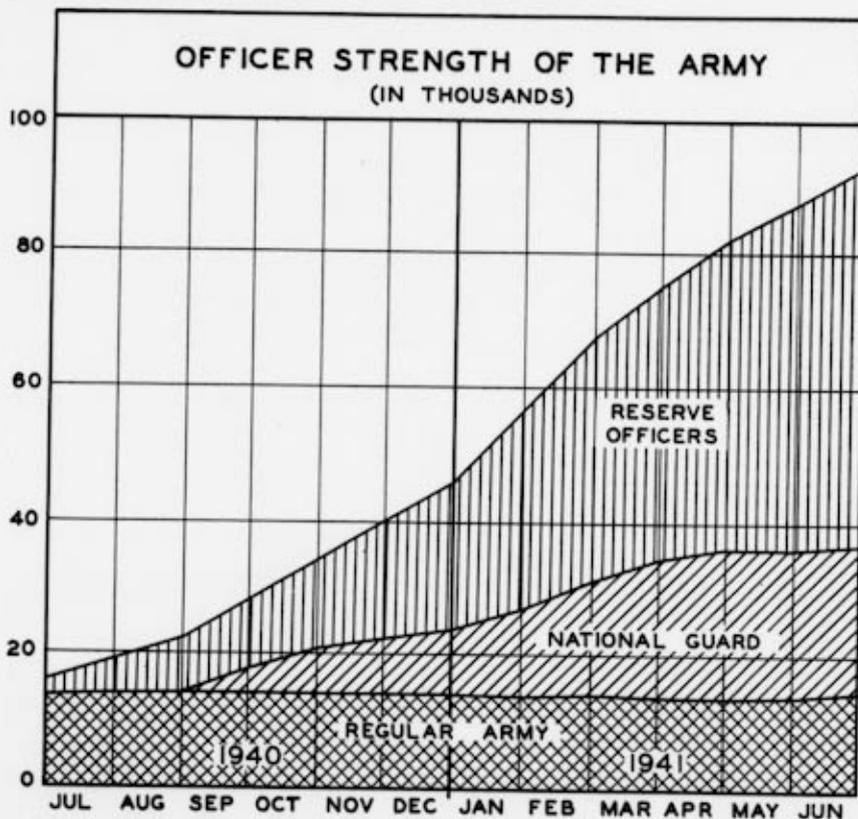
JULY 12, 1941

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Source of Information: Statistics Branch, General Staff, June 30, 1941

	Total
July, 1940	19,543
Aug.	21,958
Sept.	28,737
Oct.	34,405
Nov.	39,860
Dec.	45,412
Jan., 1941	56,816
Feb.	67,179
Mar.	75,541
Apr.	82,183
May	87,629
June	93,339



TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. July 9, 1941

The current worries of the commentators are mostly economic. Fear of inflation is once more mounting, and this fear appears to have its roots in the rapidity with which the cost of living is rising and in misgivings about the effectiveness of price control. There is also widespread concern about the plight of non-defense industry in the near future, as shortages of basic materials force more and more plants out of production. There is a disposition to believe that Washington has been tardy in estimating this situation and that steps should be taken promptly to reduce the severity of the economic dislocation that is generally thought to be threatening.

Those commentators who might be described as "interventionist" do not urge, in unmistakably plain language, that we go to war. Instead, they employ various phrases which, in effect, urge active participation without using the precise words. Taken at their face value, these phrases still express a sentiment short of war but they have been growing plainer and more emphatic. It seems clear that the speeches of Secretary Stimson and Secretary Knox have had the effect of freeing expression of this sort of opinion for, following each one of these speeches, editorial discussion of interventionist policies has been more open.

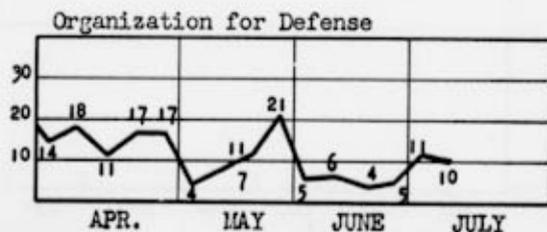
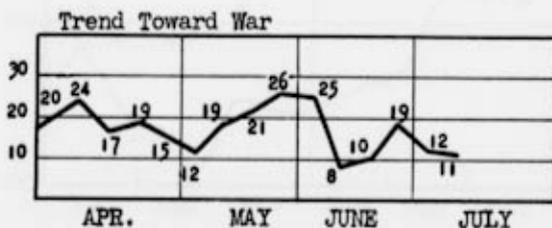
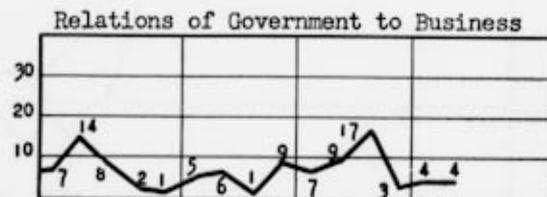
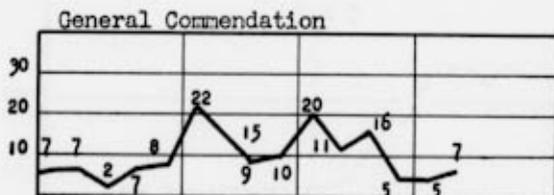
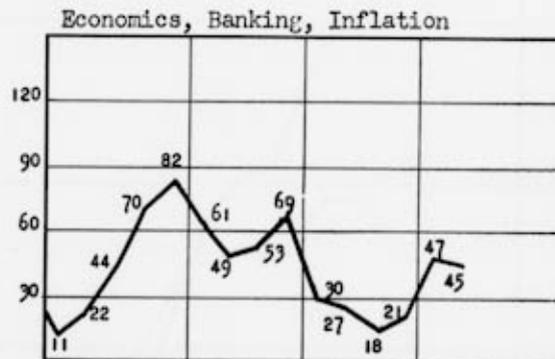
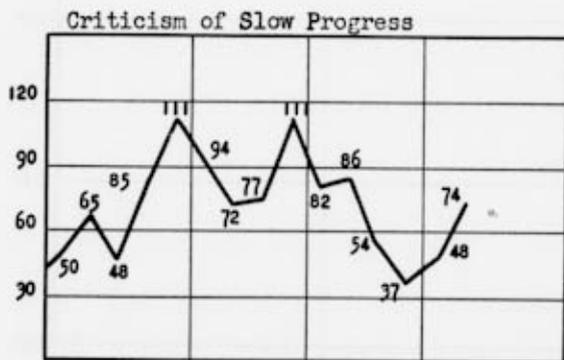
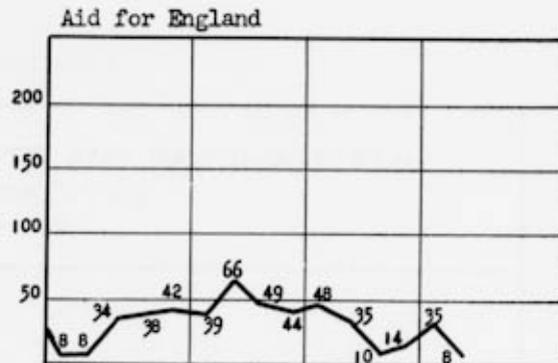
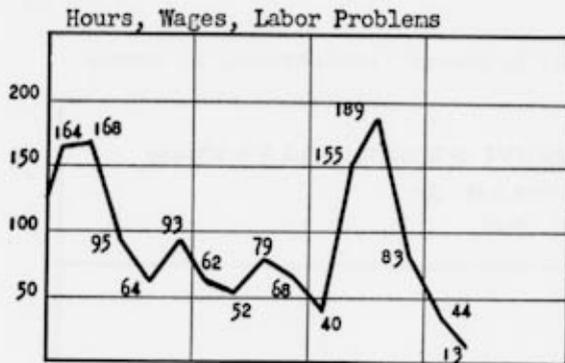
Early expressions of opinion on the occupation of Iceland indicate that in the main isolationist, as well as interventionist, commentators approve the action.

TABULAR SUMMARY

<u>ECONOMICS, INFLATION</u>	Tallies	<u>GENERAL CRITICISM</u>	<u>THE EMERGENCY</u>		
Danger of inflation	10	Defense personnel	10	For Iceland occupation	7
Inflation is here	4	Defense organization	16	Congress disregarded	2
Cut Govt. spending	7	Defense planning	4	For aid to Russia	1
For price-wage control	6	Govt. economic policy	6	Against aid to Russia	1
For price legislation	3	OPACS price policy	2	We cant aid Russia	3
Against price control	1	Govt. leadership	5	Russia should pay	1
For wage control law	1	Attitude toward industry	2	Oust Communists	1
Freeze price structure	1	Reform before defense	1		
For higher taxes	1	Congress not doing duty	1	<u>AID FOR BRITAIN</u>	
Broaden tax base	6	General progress slow	11	For convoying	2
Against joint returns	2	Plane production slow	5	Against convoying	1
Lengthen excise list	1	Anti-air. gun lack	1	All possible aid	5
Against auto tax	1	Ammunition lack	2		
Buy defense bonds	1	M. tank production slow	2	<u>GOVT. AND BUSINESS</u>	4
		Training equipment lack	6	<u>HOURS, WAGES, LABOR</u>	13
				<u>GENERAL COMMENDATION</u>	7
<u>TREND TOWARD WAR</u>		<u>ORGANIZATION PROBLEMS</u>		<u>ST LAWRENCE SEAWAY</u>	3
We are trending	4	For single defense head	8	<u>MATERIAL SHORTAGES</u>	3
Govt. wants war	2	For a planning board	1	<u>LACK OF FACTS</u>	4
Do not go to war	2	For separate air force	1	<u>MISCELLANEOUS</u>	8
For full use of Navy	3				

EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company

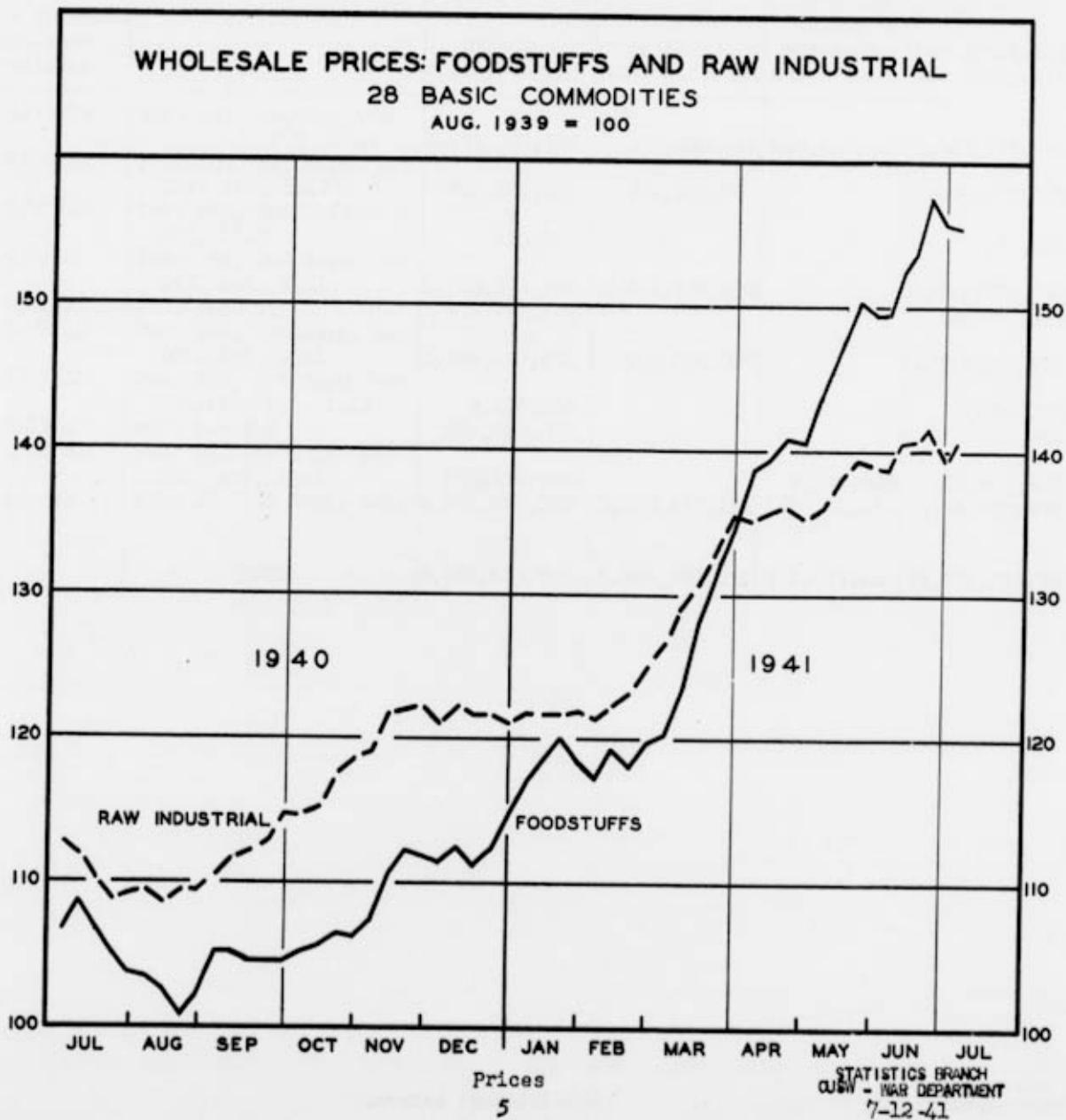


Editorial Comment

### PRICES

The sharpest weekly decline in over a year occurred in the basic commodities' market between June 27 and July 3. Fifteen of the 28 commodities declined and 8 remained unchanged during that period. Since July 3 the index of raw industrial commodities rose slightly to 140.6 while the index of foodstuffs decreased again to 155.1.

Source of Information: Bureau of Labor Statistics



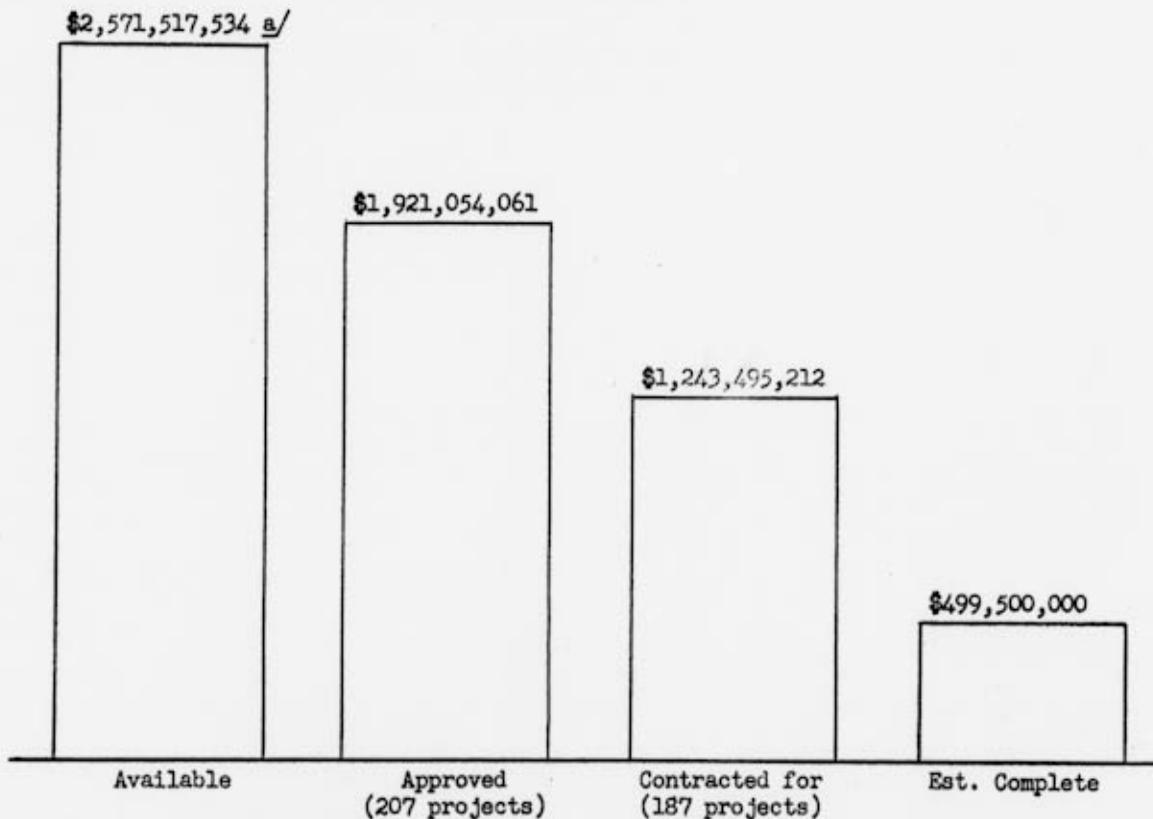
AMOUNTS APPROPRIATED AND MADE AVAILABLE BY CONGRESS F.Y. 1941 - MILITARY ESTABLISHMENT

Source of Information: Fiscal and Budget Section, Statistics Branch, OUSW

Date Approved and made Available	Act	Direct Appropriation	Contract Authorization	Provision to pay Previous Cont. Auth.	Net Available for obligation
6/13/40	Pub. 611, Regular Act, F.Y. 1941	1,433,323,322	257,229,636	148,466,988	1,542,085,970
6/26/40	Pub. 667, 1st Supp. Nat. Def. Act, 1941	821,002,000	254,176,761		1,075,178,808
6/27/40	Pub. 668, 2nd Deficiency Act, 1940	135,000			135,000
9/9/40	Pub. 781, 2nd Supp. Nat. Def. Act, 1941	1,793,372,532	2,251,730,000		4,045,102,532
9/24/40	Pub. Res. 99	338,263,902			338,263,902
10/8/40	Pub. 800, 3rd Supp. Nat. Def. Act, 1941	1,223,187,974	150,000,000		1,373,187,974
10/9/40	Pub. 812, 1st Supp. Nat. Function Act, 1941	3,400,000			3,400,000
2/13/41	Pub. Law # 6	175,000,000			175,000,000
3/17/41	Pub. 13, 4th Supp. Nat. Def. Act, 1941	695,118,000		8,455,000	686,663,000
4/5/41	Pub. 29, 5th Supp. Nat.	1,997,811,100	2,093,453,254	195,171,456	3,896,092,898
	TOTAL	8,480,613,877	5,006,589,651	352,093,444	13,135,110,084

PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - July 5, 1941

Source of Information: Construction Division Report, July 5, 1941



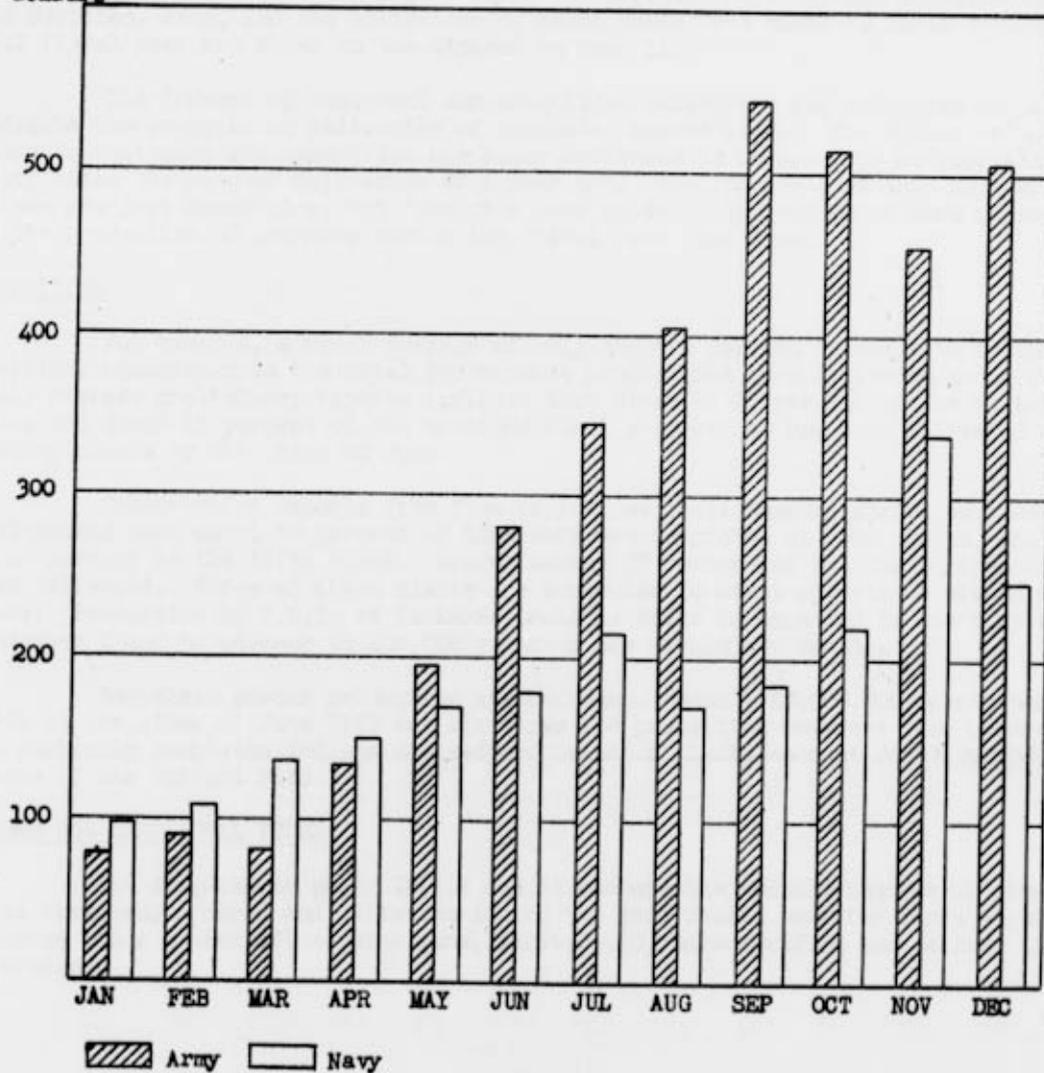
a/ Includes Expediting Production Appropriation of \$1,964,286,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$196,644,107; Chemical Warfare Service \$1,312,427, and Navy Department \$15,000,000; Defense Aid Appropriation \$350,000,000.

ARMY AND NAVY EXPENDITURES, BY MONTHS - F.Y. 1941

During the fiscal year 1941 Army expenditures amounted to \$3,635,508,148.85 and the Navy expended \$2,216,823,162.80.

Source of Information: U.S. Treasury Department.

Millions  
of dollars



TEXT SUMMARY - JULY 12, 1941

Source of Information: Ordnance Department & OUSW

GENERAL

The request to Congress on July 10, 1941 for a supplemental appropriation of \$4,770,065,588 for the War Department is reported to include \$3,486,034,036 for the procurement of ordnance.

The sources and distribution of the \$5,611,000,000 cash and contract authorizations received by the Ordnance Department during the 1941 fiscal year are shown in the diagrams on the following page. Funds appropriated directly for Ordnance Services and Supplies, Army, and the obligation of these funds from month to month during the 1941 fiscal year are shown in the diagram on page 11.

The indexes of equipment and ammunition deliveries and schedules on page 12 indicate the progress of deliveries of complete, tested items. The dollar value of ordnance equipment and ammunition now being delivered is reported to be approximately sixty times the rate of deliveries of a year ago. The indexes show that deliveries in volume are just commencing, but furnish a poor guide to the volume of work accomplished in the production of ordnance during the fiscal year just ended.

AMMUNITION

For example, a rough average of only about 2 percent of complete items of artillery ammunition in the total procurement program had been delivered as of June 15, 1941, whereas preliminary reports indicate that close to 20 percent of the cartridge cases and about 15 percent of the machined steel projectiles had been delivered at the loading plants by the close of June.

Construction reports from five of the new shell loading plants on June 30, 1941 showed that about 60 percent of this work was completed at four plants, and close to 40 percent at the fifth plant. Approximately 30 percent of all the equipment has been delivered. Three of these plants are scheduled to start operations within two weeks. Production of T.N.T. at Kankakee Ordnance Works is expected to start by about September 1 and to advance to 400,000 pounds a day within two months.

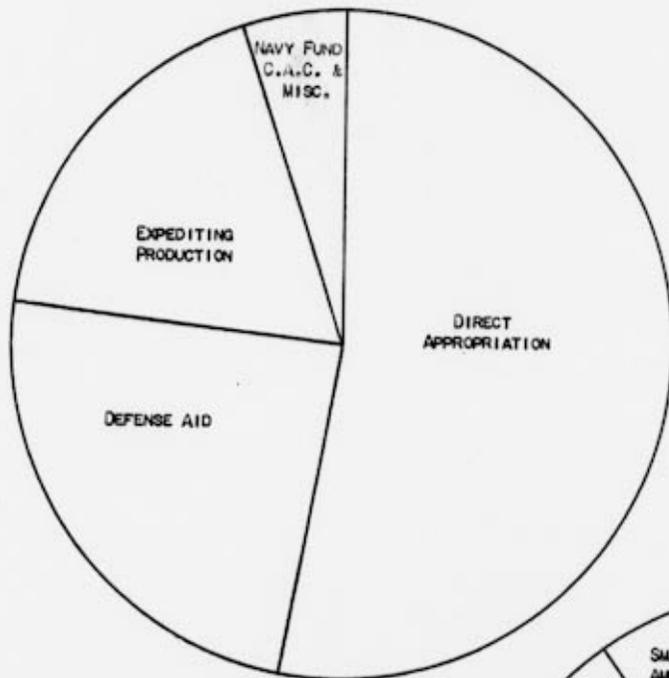
Smokeless powder production at the rate of nearly 18,000,000 pounds per month at the close of June 1941 was six times the production rate one year before. The partially completed Indiana and Radford Ordnance plants account for 7,350,000 pounds of the current rate.

RECORD FOR INDIVIDUAL ITEMS

The diagrams on pages 16, 17 and 18 compare the monthly numbers of complete units financed, ordered and delivered during the 1941 fiscal year for three significant ordnance items - Aircraft machine guns, caliber .50, Garand rifles and caliber .30 cartridges.

ORDNANCE FUNDS - FISCAL YEAR 1941

Source of Information: Fiscal Division, Ordnance Department

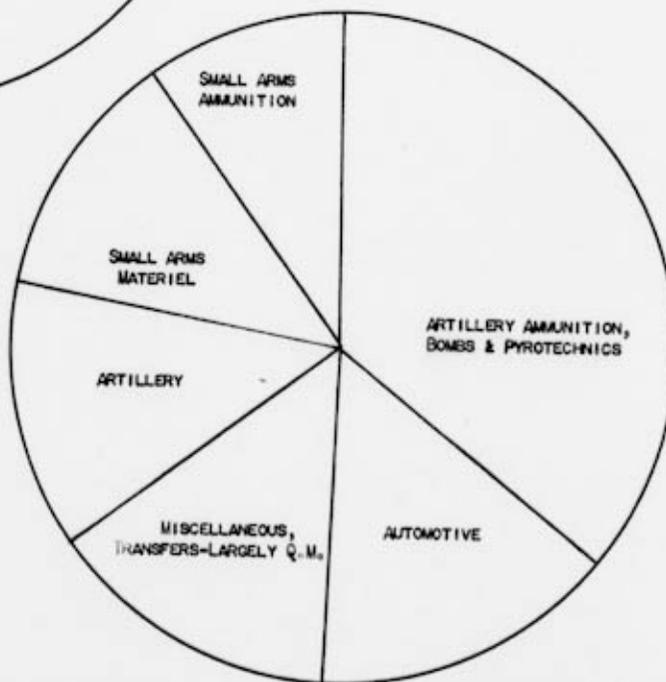


SOURCES:

	(MILLIONS)
DIRECT APPROPRIATION	\$3,020
DEFENSE AID	1,345
EXPEDITING PRODUCTION	1,010
NAVY FUND	150
COAST ARTILLERY & MISCELLANEOUS	86
<b>TOTAL</b>	<b>\$5,611</b>

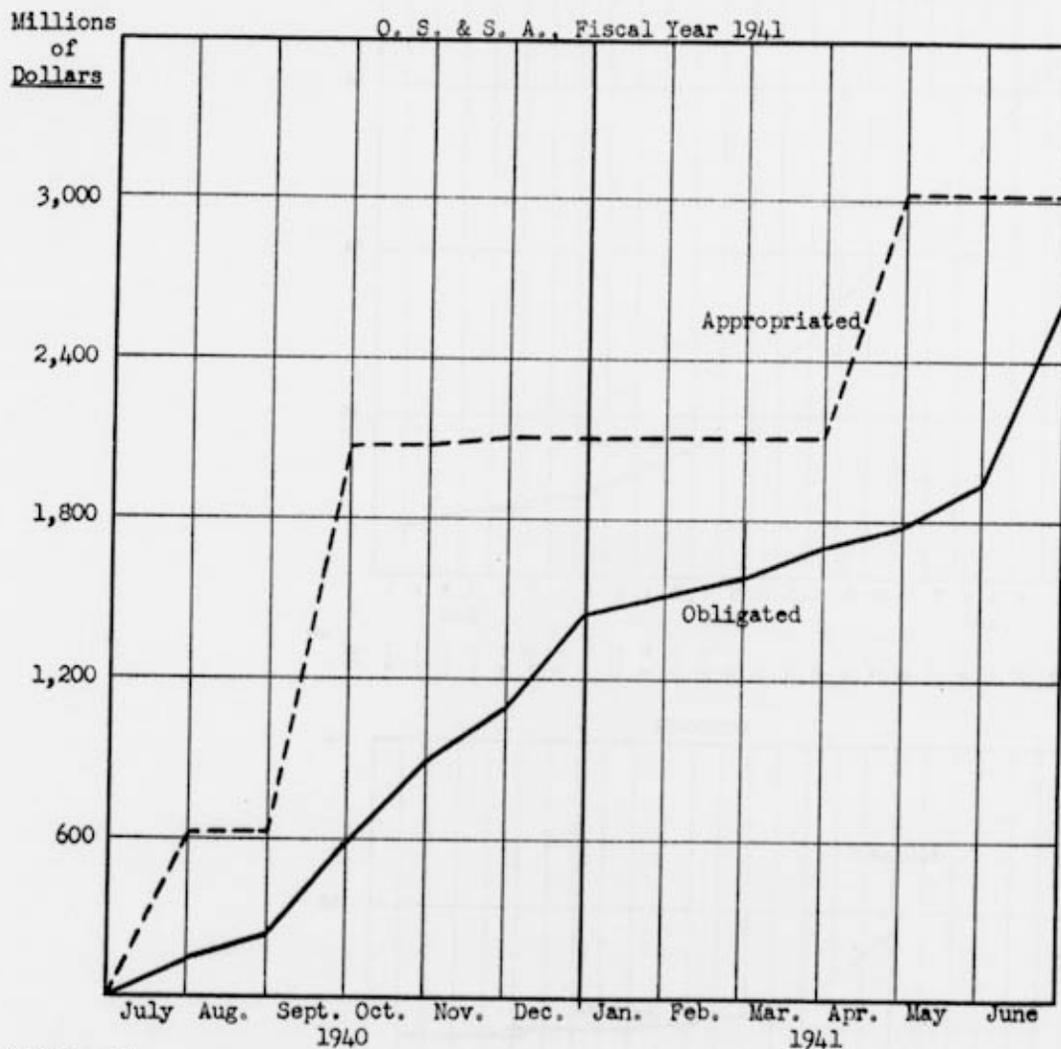
DISTRIBUTION:

	(MILLIONS)
SMALL ARMS MATERIEL	\$ 670
SMALL ARMS AMMUNITION	536
ARTILLERY	730
AUTOMOTIVE	890
ARTILLERY AMMUNITION	1,651
BOMBS & PYROTECHNICS	401
MISCELLANEOUS	247
TRANSFERS - LARGELY Q. M.	534
<b>TOTAL</b>	<b>\$5,611</b>



DIRECT APPROPRIATIONS TO ORDNANCE DEPARTMENT, F. Y. 1941

Source of Information: Fiscal Division, Ordnance Department

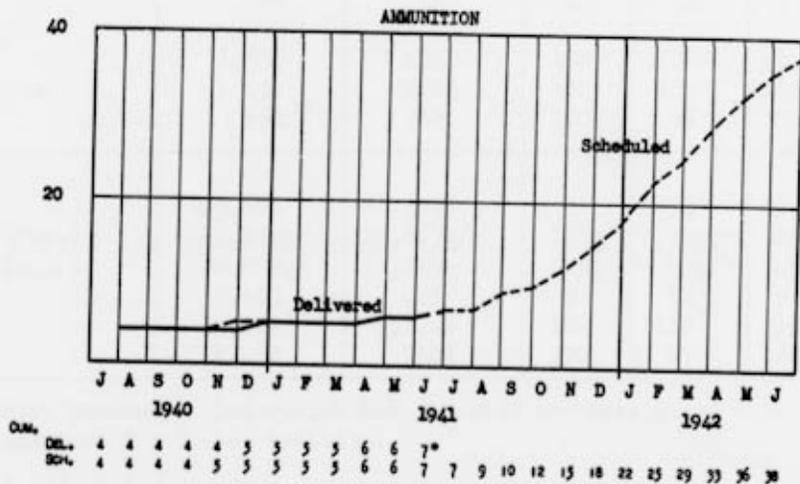
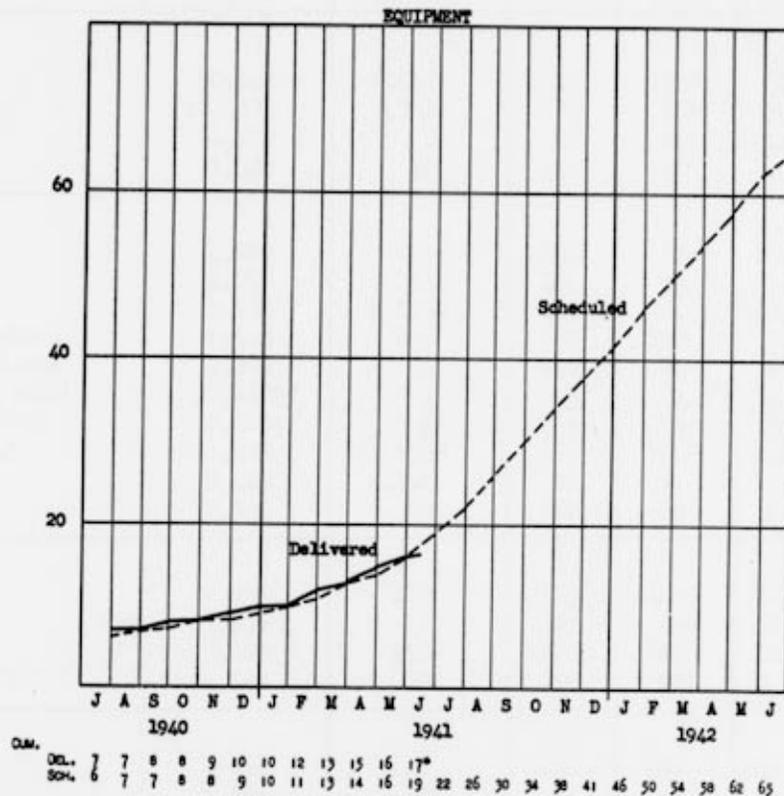


(Millions)	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Appro.	630	630	2,072	2,072	2,109	2,109	2,111	2,111	2,111	3,024	3,023	3,020
Oblig.	154	253	595	909	1,099	1,457	1,530	1,592	1,705	1,786	1,936	2,615

PROCUREMENT INDEXES - JUNE 15, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production) & G-4

The two indexes represent the percentage completion of the current procurement program, including quantities in the Defense Aid program reported by the Ordnance Department and also the number of units of each item on hand prior to current procurement.



\* THRU JUNE 15, 1941

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - JUNE 15, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program	Delivered thru June 15	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,747 $\phi$	95	95*	7 $\phi$	7 $\phi$
Machine gun, cal.50	163,573	7,751 $\phi$	92	92*	5 $\phi$	5 $\phi$
Gun, 20mm, automatic	44,747	0	100	80	0	0
Gun, 37mm, automatic	1,188	18	100	90	2	2
<u>Combat Vehicles</u>						
Tank, light	4,090	931 $\phi$	100	85	23 $\phi$	23 $\phi$
Tank, medium	4,748	81 $\phi$	100	53	1 $\phi$	2 $\phi$
Scout car	2,733	2,633 $\phi$	100	100	100 $\phi$	96 $\phi$
Personnel carrier, 8-man	5,445	206	100	100	7	4
Personnel carrier, 13-man	4,302	2	100	91	6	-
Machine gun, cal.30 (Var.)	37,460 $\phi$ a/	a/	a/	a/	a/	a/
Machine gun, cal.50 (H.B.)	8,025 $\phi$ a/	a/	a/	a/	a/	a/
Submachine gun, cal.45	246,455	23,618 $\phi$	100	100*	11 $\phi$	10 $\phi$
Gun, 37mm, tank	8,427	1,248	72	71	13	15
Gun, 75mm, tank	2,564	26	100	98	0	1
<u>Antiaircraft</u>						
Gun, 3"	152	112	100	100	70	74
Gun, 90mm	1,271	1	95	95*	0	-
Gun, 37mm	3,195	396	100	100	12	12
Machine gun, cal.50 (W.C.)	14,168	405	33	49*	4	3
<u>Artillery</u>						
Howitzer, 75mm	958	102	100	100	10	11
Howitzer, 105mm	3,286	8	83	53	1	-
Gun, 155mm	492	11	80	68	2	2
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	476	100	100*	41	36
Carriage, 155mm howitzer	1,436	826 $\phi$	100	100	46 $\phi$	58 $\phi$
Carriage, 155mm gun	660	62	100	99	9	9
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	196,356 $\phi$	93	93*	20 $\phi$	21 $\phi$
Machine gun, cal.30 (Var.)	111,518 $\phi$ b/	28,447 $\phi$ b/	100 $\phi$ b/	90 $\phi$ b/*	26 $\phi$ b/	26 $\phi$ b/
Machine gun, cal.50 (H.B.)	29,879 $\phi$ b/	1,186 $\phi$ b/	63 $\phi$ b/	63 $\phi$ b/*	4 $\phi$ b/	4 $\phi$ b/
Gun, 37mm, antitank	7,653	443	80	61	9	6
Mortar, 60mm	10,162	3,374 $\phi$	100	100	31 $\phi$	33 $\phi$
Mortar, 81mm	4,458	710 $\phi$	100	77	18 $\phi$	16 $\phi$

a/ Included in Infantry Armament. Deliveries not reported separately.

b/ Figures include Armament for Combat Vehicles.

\* Partly tentative.

$\phi$  Delivered thru June 30.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - JULY 8, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Requirements 2,800,000 men Number	Stocks in hands of Field Service Number	%	Percent of requirements					
				0	20	40	60	80	100
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	49,638	8,643	17	[Bar at 17%]					
Machine gun, cal.50,fix.&fl.	114,997	4,031	4	[Bar at 4%]					
Gun, 20mm, automatic A.C.	2,775	0	0	[Bar at 0%]					
Gun, 37mm, automatic A.C.	3,976	53	1	[Bar at 1%]					
<u>Combat Vehicles</u>									
Tank, light	4,412	527	12	[Bar at 12%]					
Tank, medium	2,666	82	3	[Bar at 3%]					
Scout car	3,944	2,692	68	[Bar at 68%]					
Personnel carrier, 8-man	7,105	228	3	[Bar at 3%]					
Personnel carrier, 13-man	6,017	0	0	[Bar at 0%]					
Machine gun, cal.30 (Var.)	62,164 <sup>a/</sup>	a/	-	[Bar at -%]					
Machine gun, cal.50 (H.B.)	11,704	328	3	[Bar at 3%]					
Submachine gun, cal.45	39,000	10,785	28	[Bar at 28%]					
Gun, 37mm, tank	7,271	847	12	[Bar at 12%]					
Gun, 75mm, tank	2,764	2	1	[Bar at 1%]					
<u>Antiaircraft</u>									
Gun, 3"	} 1,766	494	} 27	[Bar at 27%]					
Gun, 90mm		0							
Gun, 37mm, A.A.	3,869	362	9	[Bar at 9%]					
Machine gun, cal.50 (W.C.)	11,989	854	7	[Bar at 7%]					
<u>Artillery</u>									
Gun, 75mm (H.S.)	1,471	602	41	[Bar at 41%]					
Howitzer, 75mm, field & pack	258	198	77	[Bar at 77%]					
Howitzer, 105mm	3,200	57	2	[Bar at 2%]					
Gun, 155mm	751	4	1	[Bar at 1%]					
Gun, 155mm (H.S.)	903	144	16	[Bar at 16%]					
Howitzer, 155mm (H.S.)	1,783	1,100	62	[Bar at 62%]					
<u>Unmodified &amp; other models</u>									
Gun, 75mm	—	2,846	—	[Bar at 0%]					
Gun, 155mm	—	825	—	[Bar at 0%]					
Howitzer, 155mm	—	909	—	[Bar at 0%]					
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	1,260,314	205,373	16	[Bar at 16%]					
Machine gun, cal.30 (Var.)	96,609	25,018	26	[Bar at 26%]					
Machine gun, cal.50 (H.B.)	17,555	1,601	9	[Bar at 9%]					
Gun, 37mm, antitank	8,092	693	9	[Bar at 9%]					
Mortar, 60mm	7,567	2,837	37	[Bar at 37%]					
Mortar, 81mm	4,310	789	18	[Bar at 18%]					

a/ Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - JUNE 15, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

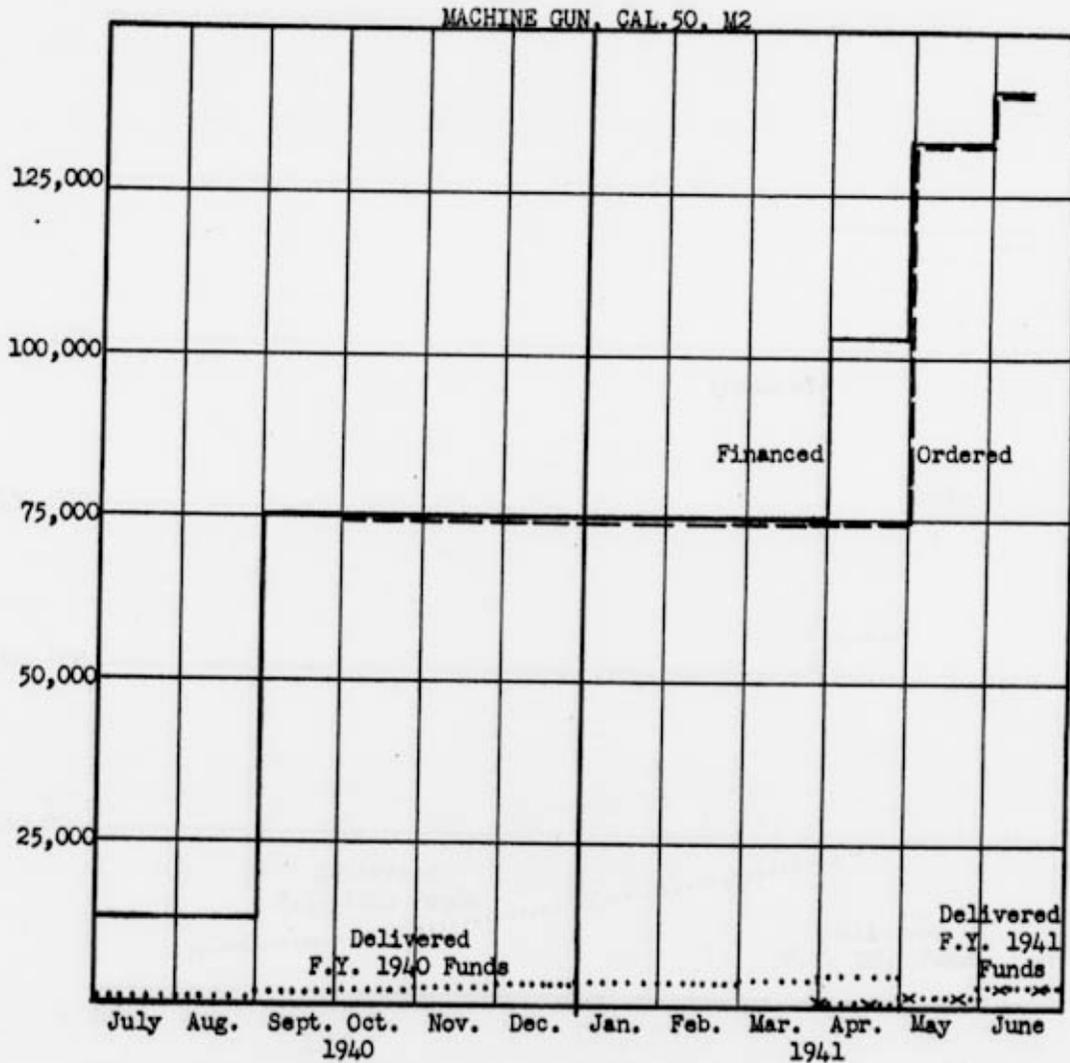
Item	Total procurement program (Thousands)	Delivered thru June 15 (Thousands)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	28	94	94	0	2
Bomb, demo., 100#, 300#, 500#	1,315	54	47	47	4	4
Bomb, demo., 1000#	15	2	72	72	0	12
Bomb, g & s, 30#, 100#	376	3	16	16	1	1
Shot & shell, 20mm	32,502	0	0	0	0	0
Shell, H.E., 37mm	1,890	20	62	62	-	1
Flares	874	139	30	30	18	16
Signals	2,057	517	33	33	24	25
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	11,786	22	34	34	-	-
Shell, 3", H.E.	2,267	69	57	57	3	3
Shell, 90mm, H.E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H.W., s c, 75mm gun	1,372	97	86	86	7	7
Shell, g & s, 75mm gun	1,108	5	98	98	-	-
Shot, A.P., 75mm gun	3,956	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	216	59	59	5	5
Shell, H.E., 105mm how.	11,793	59	8	8	-	-
Shell, H.E., 155mm gun, M1	1,001	0	16	16	0	0
Charge, prop., 155mm gun	446	82	80	51	18	18
Shell, H.E., 155mm how.	4,299	5	36	36	-	-
Shell, g & s, 155mm how.	1,224	249	66	66	14	20
Charge, prop., 155mm how.	5,753	636	69	69	12	11
Primer, 21 gr.	8,153	299	82	82	4	4
Fuzes (all)	14,005	3,714	62	62	26	27
<u>Infantry</u>						
Cartridge, cal.30	3,789,704	394,245 $\phi$	100	100*	10 $\phi$	10 $\phi$
Links, met. belt, cal.30	1,003,322	80,288	76	76*	9	9
Cartridge, cal.45	606,476	104,920	100	100*	15	17
Cartridge, cal.50	905,459	47,797 $\phi$	94	94*	5 $\phi$	5 $\phi$
Links, met. belt, cal.50	2,452,452	37,927	89	89*	2	2
Shot & shell, 37mm	28,688	168	13	13	1	1
Shell, H.E., 60mm	8,882	18	31	31	0	-
Shell, H.E., 81mm	3,764	96	3	3	3	3
Shell, smoke, 81mm	426	0	0	0	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signal, ground	3,215	279	53	53	10	9
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative

$\phi$  Delivered thru June 30, 1941

AIRCRAFT ARMAMENT - MACHINE GUN, CALIBER .50 - F. Y. 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production) & OUSW



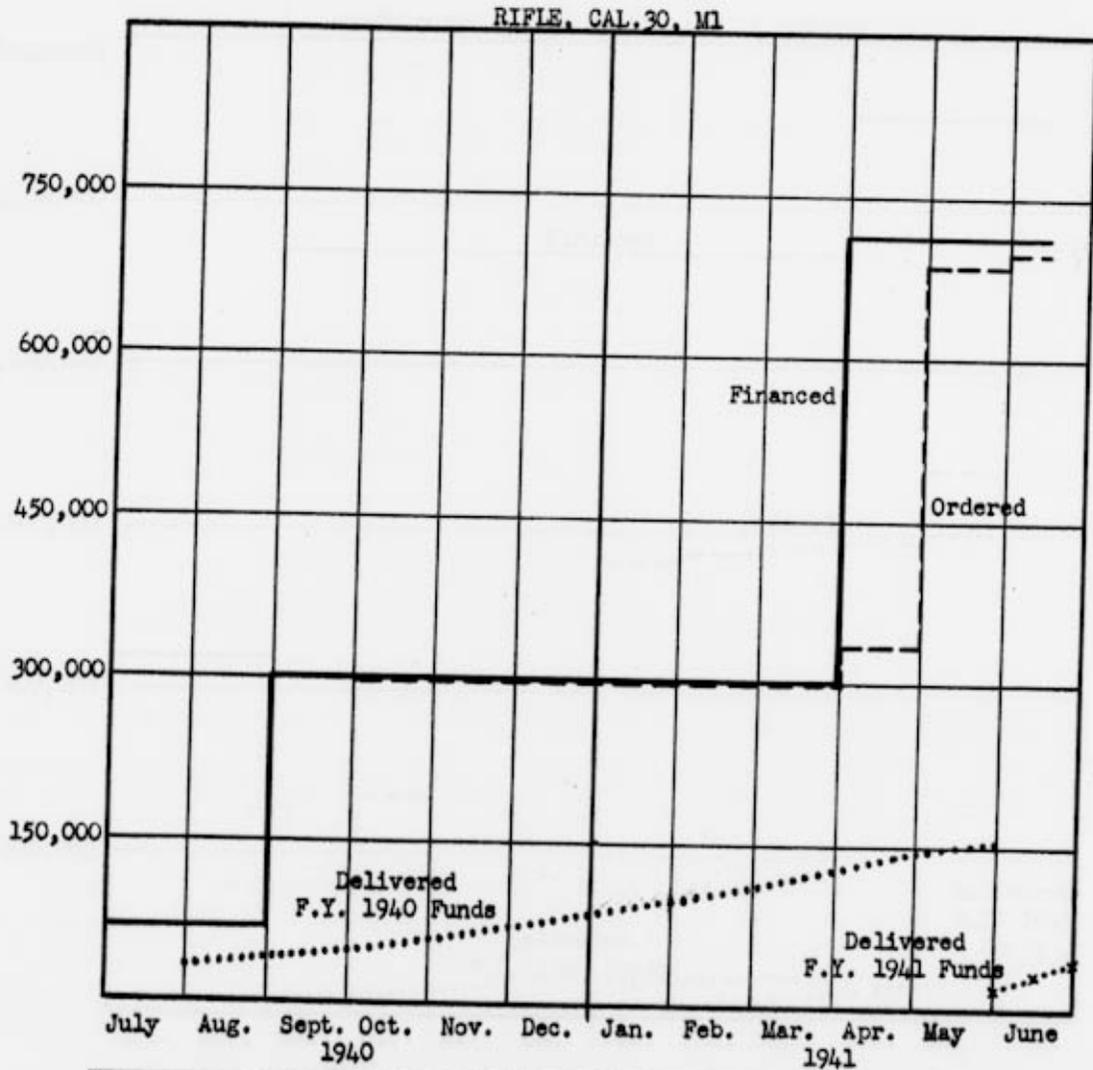
F.Y. 1941 FUNDS

DELIVERED

Financed	141,065	F.Y. 1940 Funds	4,508 (Completed)
Ordered	141,065	F.Y. 1941 Funds	3,243

INFANTRY ARMAMENT - RIFLE, CALIBER 30 - F. Y. 1941

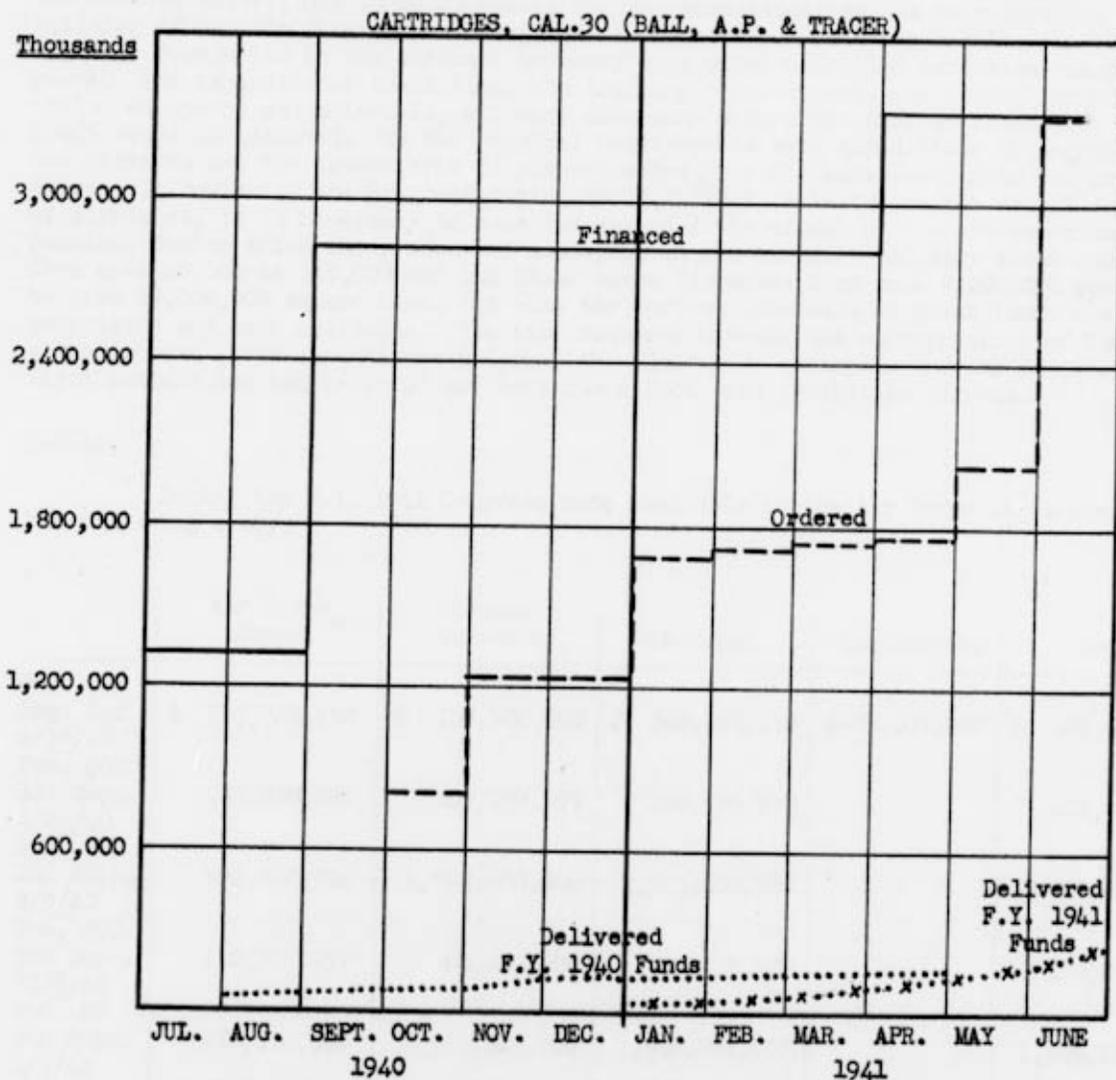
Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production) & OUSW



F. Y. 1941 FUNDS		DELIVERED	
Financed	711,911	F. Y. 1940 Funds	152,349 (Completed)
Ordered	701,342	F. Y. 1941 Funds	44,007

SMALL ARMS AMMUNITION - CARTRIDGES, CALIBER .30 - F. Y. 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production) & OUSW



<u>F. Y. 1941 Funds</u>		<u>Delivered</u>	
	(THOUSANDS)		(THOUSANDS)
Financed	3,341,538	F. Y. 1940 Funds	148,166 (Completed)
Ordered	3,341,538	F. Y. 1941 Funds	246,079

TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Consolidated Statistical Report - Air Corps

FOREWORD

The Air Corps report has been modified to consider pertinent information relative to a summary of the F. Y. 1941. In this first full year of the formative stage of the defense effort, due to developments abroad, more attention has been directed to the building of our air strength than any one other feature. This has resulted in the laying of a foundation in the aircraft industry upon which unlimited expansion can take place. The expansion of facilities, the training of personnel, the production of machine tools, equipment and materials, all were necessary before the desired production of aircraft could be attained. To the physical requirements were added those of engineering and research and the latest type of planes moved from the experimental to the production stage. In reviewing the progress during the F.Y. 1941, relative to the actual delivery of airplanes, it is necessary to consider not only the effect of the aforementioned expansion, during which the productive employees in the aircraft industry alone increased from some 60,000 to 140,000 and the floor space increased from some 9,000,000 square feet to some 19,000,000 square feet, but also the various intervals at which funds are appropriated and made available. The time required between the appropriation of funds, the establishment of an expenditure program, the placing of contracts and the delivery of the first article has had a varied but definite effect upon production figures.

FISCAL

During the F.Y. 1941 Congress made available to the Air Corps at various times, the following money:

	Air Corps Army	Contract Authority	Sub-total	Liquidation	Total
Pub. 611 Reg. Act 6/19/40	\$ 265,886,418	\$ 103,300,000	\$ 369,186,418	\$-79,505,988	\$ 289,680,430
Pub. 667 1st Supp. 6/26/40	293,330,282	109,259,597	402,589,879		402,589,879
Pub. 781 2nd Supp. 9/9/40	520,802,304	1,002,600,000	1,523,402,304		1,523,402,304
Pub. 800 3rd Supp. 10/8/40	110,835,957	60,000,000	170,835,957		170,835,957
Pub. 29 5th Supp. 4/5/41	982,236,000	524,025,000	1,506,261,000		1,506,261,000
Total	\$2,173,090,961	\$1,799,184,597	\$3,972,275,558	\$-79,505,988	\$3,892,769,570

From these monies evolved the A & B airplane programs and the Fifth Supplemental Program as shown on the following page.

**"A", "B" AND FIFTH SUPPLEMENTAL AIRPLANE PROGRAMS**

Type	Prior to F.Y. 1941	"A"		"B"	Fifth Supp.	Total
		2066 Program	2181 Program	14,394 Program Modified		
Heavy bomber	126	206	222	492	1,200	2,246
Medium bomber	423	66	73	1,654	2,400	4,616
Light bomber	203	-	78	1,601	-	1,882
Pursuit, fighter	89	37	373	210	-	709
Pursuit, interceptor	723	-	885	2,786	-	4,394
Observation	351	-	-	182	-	533
Transport	11	6	246	569	286	1,118
Amphibian	-	14	4	56	-	74
Reconnaissance	17	-	-	-	-	17
Tactical	1,943	329	1,881	7,550	3,886	15,589
Primary trainer	750	500	-	2,290	1,950	5,490
Basic trainer	551	500	-	2,000	2,000	5,051
Adv. trainer, 1-eng.	-	637	-	1,660	1,000	3,297
Adv. trainer, 2-eng.	-	100	300	682	1,550	2,632
Trainer	1,301	1,737	300	6,632	6,500	16,470
Grand Total	3,244	2,066	2,181	14,182	10,386	32,059

In order that the full activity of the year may be covered, the table also includes those contracts which were current at the start of the fiscal year. With the exception of a small number of bombers, these programs are 100% contracted.

**PROCUREMENT PROGRAM**

Due to primary concentration and the relative simplicity of training planes, their delivery to the Army has been more satisfactory than other types. From a low of 103 planes per month, deliveries increased to a total of 509 units for the month of June. The total deliveries to the Army for the fiscal year were 3,178.

As the findings of the experience abroad became known, concentrated effort was focused upon the production of bombers and pursuit planes, and in spite of engineering difficulties, shortage of materials, skilled workers and machine tools, considerable progress was made. Over the period, bomber deliveries to the Army show a low of 6 and a high of 91 units per month with a total of 418 units delivered for the fiscal year. Delivery of pursuit planes to the Army progressed from a low of 11 to a high of 185 units per month with a total of 711 units delivered for the fiscal year.

The delivery of all planes to all customers rose from 565 per month to 1,533 per month, and a total of 11,972 units were delivered during the fiscal year.

With the exception of some pursuit types, engine deliveries have kept well abreast of airplanes with a total of 10,604 units delivered to the Army for the fiscal year. This figure includes installation and spare engines for bombers, pursuits, service combat and trainers.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - JUNE 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

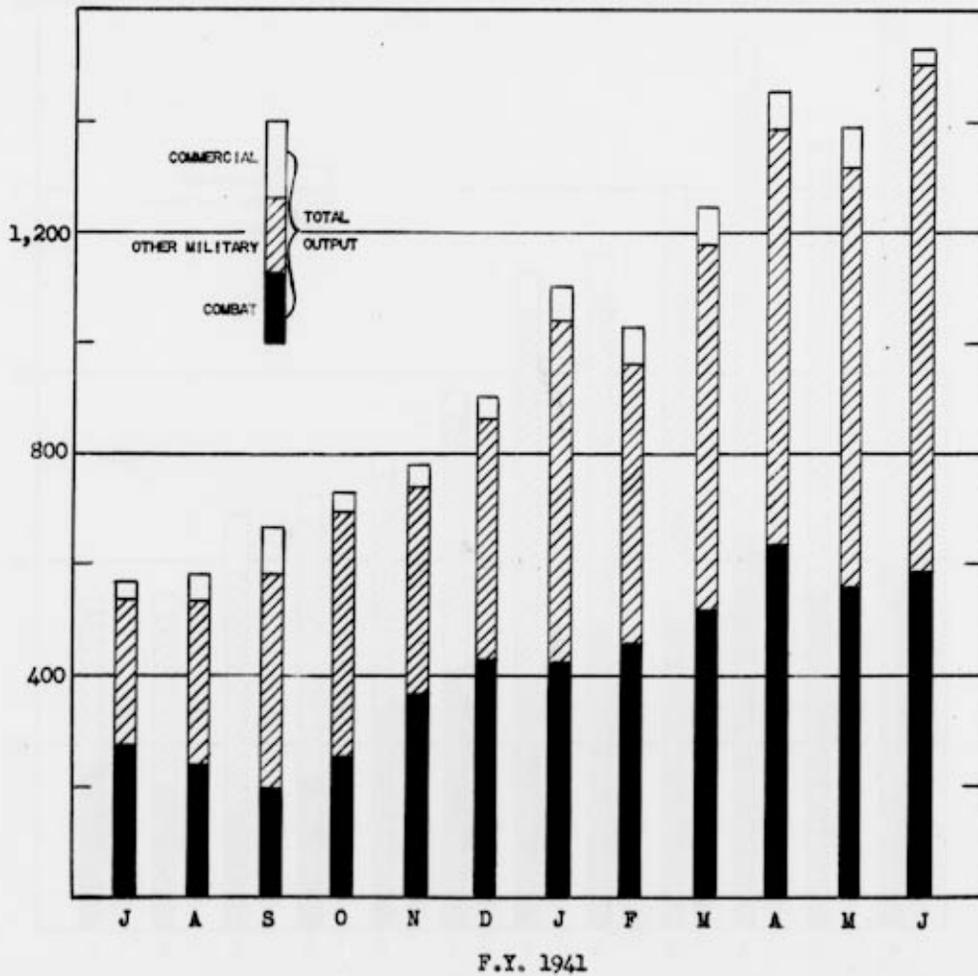
Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 6/30/41	Pending (less awards)		12,000 program modified (b)
					F.Y. 1941 "B" program modified	10,375 Fifth Supp. modified	
<u>Airplanes</u>							
Heavy bomber	2,246	2,246	100	90	-	-	3,056
Medium bomber	4,616	4,616	100	191	-	-	800
Light bomber	1,882	1,382	73	151	500	-	-
Pursuit, fighter	709	709	100	26	-	-	1,150
Pursuit, interceptor	4,394	4,394	100	732	-	-	4,850
Observation	533	533	100	90	-	-	-
Transport	1,118	1,118	100	37	-	-	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	15,589	15,089	97	1,331	500	-	10,096
Primary trainer	5,490	5,490	100	1,724	-	-	450
Basic trainer	5,051	5,051	100	1,066	-	-	900
Adv. trainer, 1-eng.	3,297	3,297	100	621	-	-	360
Adv. trainer, 2-eng.	2,632	2,632	100	80	-	-	1,050
Total Trainer	16,470	16,470	100	3,494	-	-	2,760
Grand Total	32,059	31,559	98	4,825	500	-	12,856
<u>Engines</u>							
Heavy bomber	8,988	7,468	83	1,314	-	1,520	10,624
Medium bomber	9,232	4,420	48	812	12	4,800	3,200
Light bomber	3,576	2,576	72	702	1,000	-	-
Pursuit, fighter	1,420	1,394	98	105	26	-	2,300
Pursuit, interceptor	4,394	4,394	100	938	-	-	4,850
Observation	533	533	100	351	-	-	-
Transport	2,358	1,602	68	112	208	548	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	30,683	22,569	74	4,368	1,246	6,868	21,454
Primary trainer	5,490	5,490	100	2,254	-	-	450
Basic trainer	5,051	3,051	60	1,315	-	2,000	900
Adv. trainer, 1-eng.	3,297	2,297	70	1,136	-	1,000	360
Adv. trainer, 2-eng.	5,264	2,164	41	777	-	3,100	2,100
Total Trainer	19,102	13,002	68	5,482	-	6,100	3,810
Grand Total	49,785	35,571	71	9,850	1,246	12,968	25,264

(a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941 programs for project airplanes and installation engines.

(b) Not included in current programs - F.Y. 1942 funds.

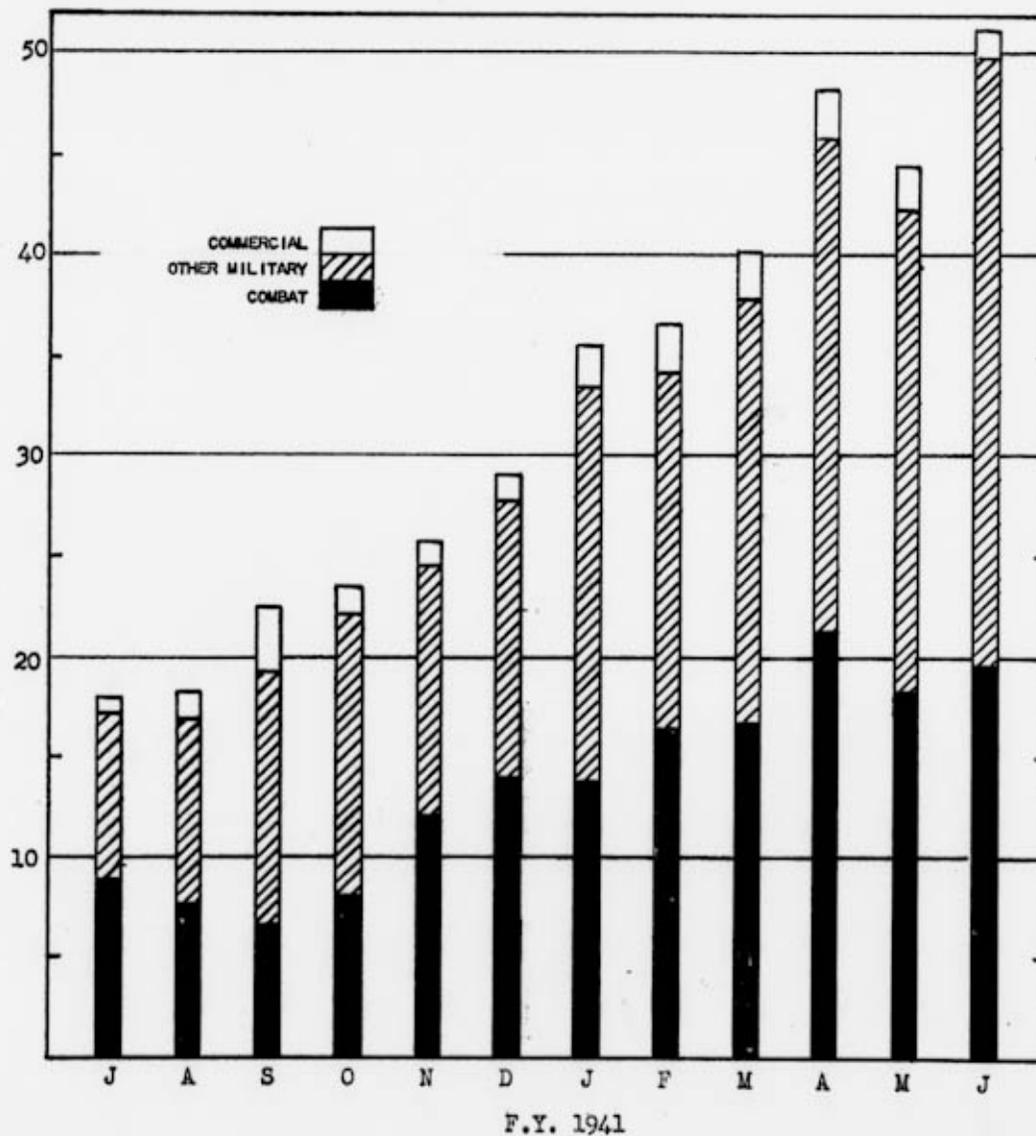
UNITED STATES MONTHLY AIRPLANE OUTPUT - ALL TYPES - F.Y. 1941

Source of Information: Consolidated Statistical Report - Air Corps



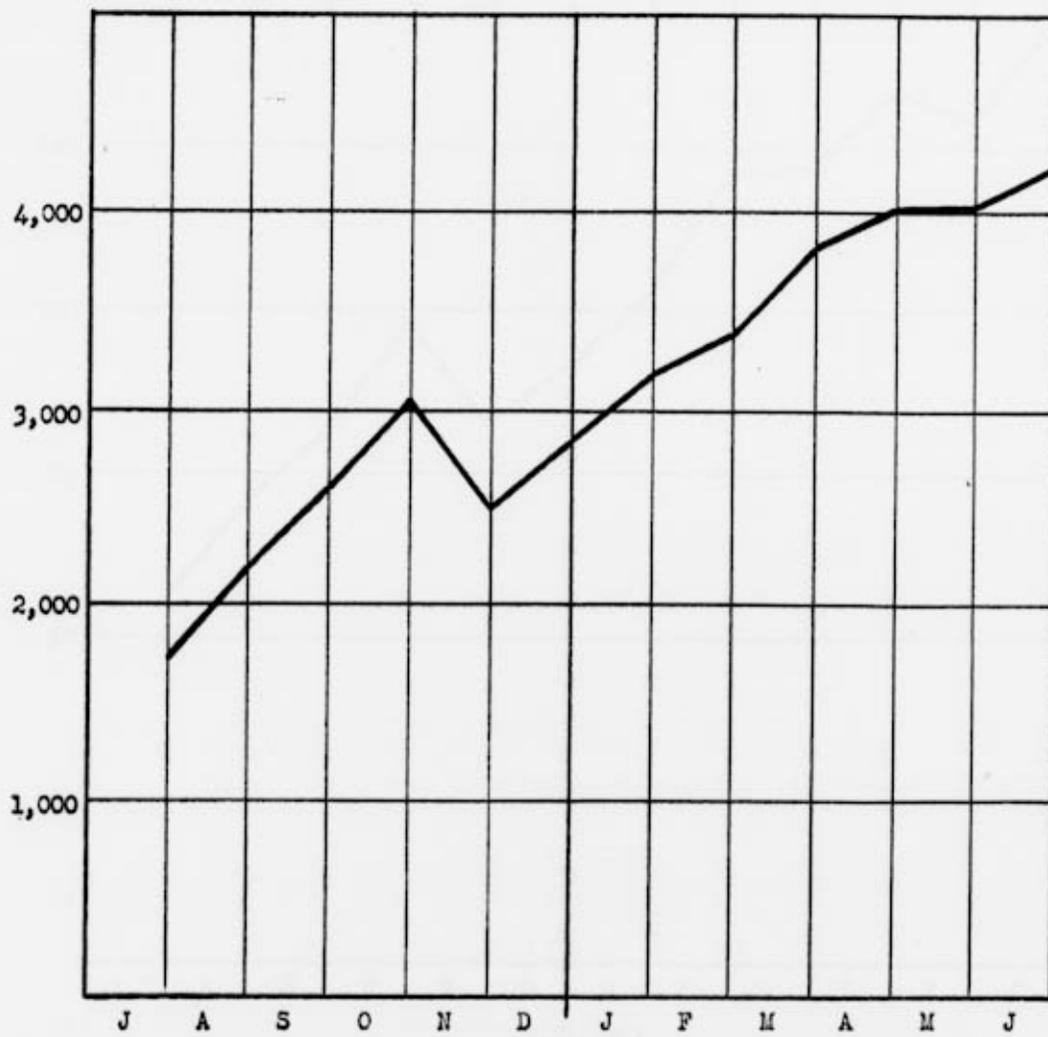
UNITED STATES DAILY AVERAGE AIRPLANE OUTPUT - F.Y. 1941

Source of Information: Consolidated Statistical Report - Air Corps



UNITED STATES MONTHLY ENGINE OUTPUT - ALL TYPES - F.Y. 1941

Source of Information: Consolidated Statistical Report - Air Corps



F.Y. 1941

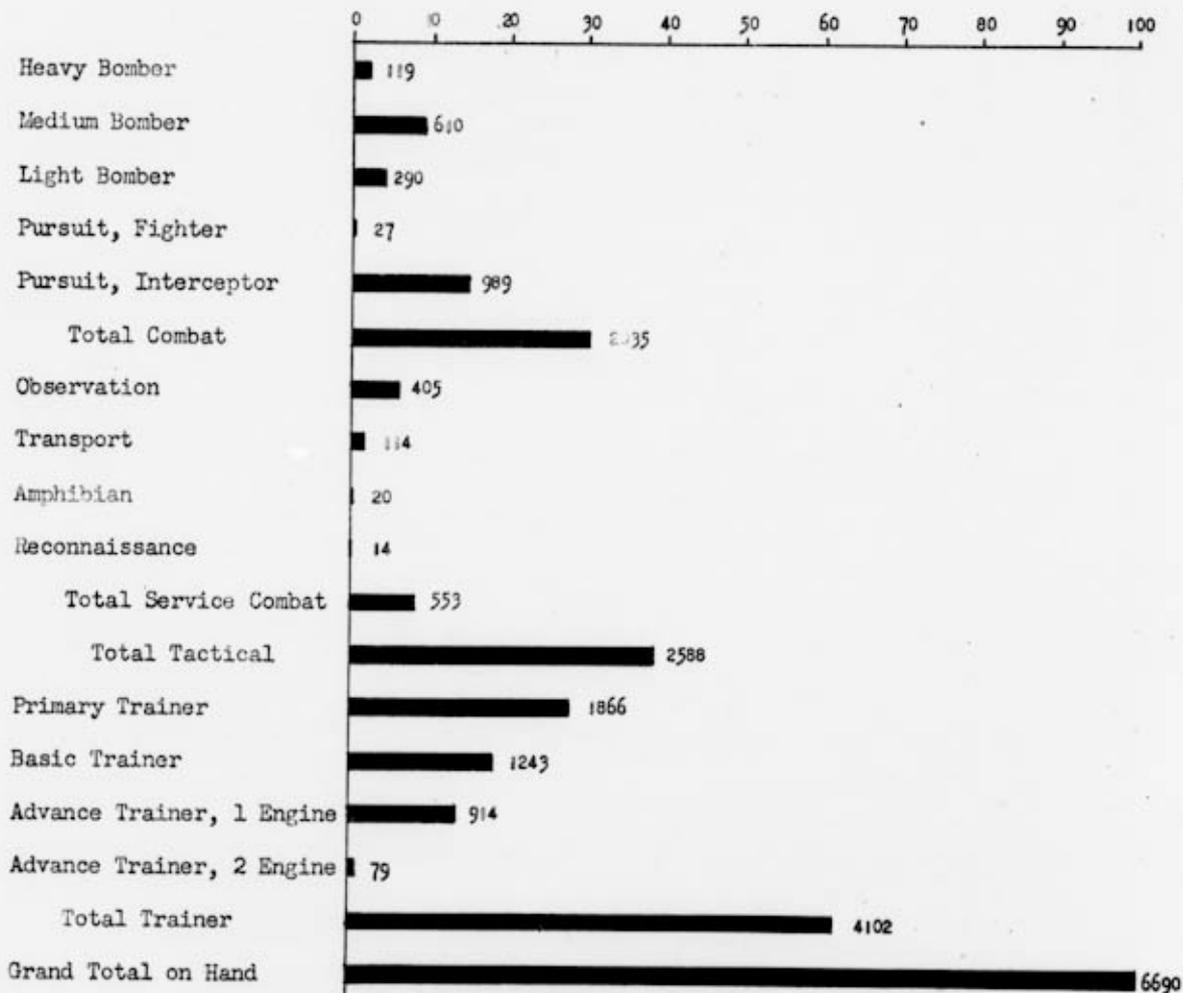
UNITED STATES DAILY AVERAGE ENGINE OUTPUT - F.Y. 1941

Source of Information: Consolidated Statistical Report - Air Corps



MONTHLY PROJECT AIRPLANE INVENTORY BY TYPE - JUNE 30, 1941

Source of Information: Daily Airplane Balance Summary - Air Corps



During the month of June 1941 there was a net gain of 682 project airplanes. The total net gain for the F.Y. 1941 was 3,935, of which 930 were combat, 57 service combat, and 2948 trainer. Included in the above figures are all R.A., O.R., N.G., and N.G. Federalized project airplanes.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - F.Y. 1941

Source of Information: Statistics Branch, OQMG - OUSW

GENERAL -- Of the \$3,237,612,270 allotted to the Quartermaster Corps under F.Y. 1941 appropriation, approximately 2,950 millions (91%) were committed as of June 30, 1941.

Of the total appropriated, approximately 510 millions were for subsistence, maintenance, salaries, and similar expenses generally incidental to procurement, and an additional 517 millions were transferred to the Corps of Engineers for construction purposes, leaving an approximate balance of 2,210 millions directly assignable to Quartermaster procurement; of this latter figure, all except 214 millions were committed as of June 30, 1941.

Amounts (in millions of dollars) directly assignable to procurement and respective commitments against the same for principal procurement groups are as follows:

Procurement Group	Amounts directly assignable to Proc.	Commitments of assignable funds
Procurement of Basic Items	647	641
Procurement of Transportation Items	339	310
Construction (Excluding funds trfd. to Engineers and received from other S.A.S.)	<u>1,224</u>	<u>1,044</u>
Total	2,210	1,995

PROCUREMENT OF BASIC ITEMS -- As of June 30, 1941, over ninety-nine percent of the fiscal amounts directly assignable to procurement of these items, viz. 647 millions, has been committed; this includes 4% transferred from CCC. Deliveries average approximately 75%, both from a quantitative and fiscal standpoint. Thirty-five items making up a 175 million dollar deficiency appropriation, to provide adequate stocks of essential items beginning fiscal year 1942, have been approximately 95% contracted and average 10% in deliveries.

PROCUREMENT OF TRANSPORTATION -- Procurement of transportation for F.Y. 1941 as of June 30, 1941 is generally as follows:

Animal Procurement averages 100% contracted, 99% procured  
Rail Transportation averages 100% contracted, 60% procured  
Water Transportation averages 77% contracted, 50% procured  
Motor Vehicle procurement comprises the largest element of the transportation group, approximately 282 millions of a total procurement program of 339 millions of dollars -- in addition, approximately 20 millions of dollars worth of motor vehicles are being procured by the Q.M.C. for other Arms and Services; of these, deliveries have been effected to the extent of 5½ million dollars. From a fiscal standpoint, 91% of funds have been committed and 45% of the program has been delivered to date.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - F.Y. 1941

Source of Information: Statistics Branch, OQMG - OUSW

CONSTRUCTION -- As of June 30, 1941, the Quartermaster Corps construction program involves a total of 459 projects with a currently estimated completion cost of 1½ billion dollars. Present estimates reflect a need for 98 thousand tent frames and 65 thousand buildings, of which 97% and 72% are respectively ready for occupancy. These provide shelter for 1,214,000 enlisted men of which 963,000 have moved in to date.

Of the 459 projects on the current program:

100	projects	are	completed
103	"	"	76 to 99% complete
36	"	"	51 to 75% complete
27	"	"	33 to 50% complete
158	"	"	1 to 25% complete
35	"	"	not started

The value of construction in place based on the latest estimated total cost is 67%. This is an increase of 260% during the past five months. During the same period, projects started have increased 190% (from 239 to 459); completed projects have increased 830% (from 12 to 100).

TABULAR SUMMARY - APPROPRIATIONS & ALLOCATIONS - Q.M.C. - F.Y. 1941

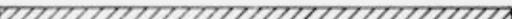
Source of Information: Statistics Branch, OQMG - OUSW

<u>Date appr. &amp; made avail.</u>	<u>Act.</u>	<u>Basic Items C. &amp; E. &amp; Reg. Sup.</u>	<u>Transportation (Animal, Water, Rail &amp; Motor)</u>	<u>Construction (Incl. acqr. of land)</u>	<u>Others (Subsistence, Maintenance, Salaries, etc.)</u>	<u>Total</u>
6-13-40	Pub. 611 Reg. Act F.Y. 1941	83,056,847	65,782,154	94,100,748	72,775,001	315,714,750
6-26-40	Pub. 667 1st Supp. Nat. Def. Act 1941	31,478,291	26,244,340	75,358,666	29,773,018	162,853,822
9-9-40	Pub. 781 2nd Supp. Nat. Def. Act 1941	154,749,935	87,741,610	208,709,915		451,201,460
9-24-40	Pub. Res. 99			338,263,902		338,263,902
10-8-40	Pub. 800 3rd Supp. Nat. Def. Act 1941	175,828,078	177,916,183	31,229,357	126,199,315	511,172,933
10-9-40	Pub. 812 1st Supp. Nat. Function Act 1941				3,400,000	3,400,000
	Transfers from N. G.	45,000	127,612		2,521,337	2,693,949
2-13-41	Pub. Law #6	175,000,000				175,000,000
3-17-41	Pub. 13 4th Supp. Nat. Def. Act 1941			676,880,000	18,238,000	695,118,000
4-5-41	Pub. 29 5th Supp. Nat. Def. Appr. Act 1941	91,818,000	150,852,000	193,821,000	2,366,000	438,857,000
	Bal. of 1941 Cont. Auth. not liquidated in 1941		15,041,454	128,295,000		143,336,454
<b>TOTAL</b>		<b>711,976,151</b>	<b>523,705,360</b>	<b>1,746,658,088</b>	<b>255,272,671</b>	<b>3,237,612,270</b>

Quartermaster Corps

FISCAL DIAGRAM - ALLOCATIONS & COMMITMENTS - Q.M.C. FUNDS - F.Y. 1941

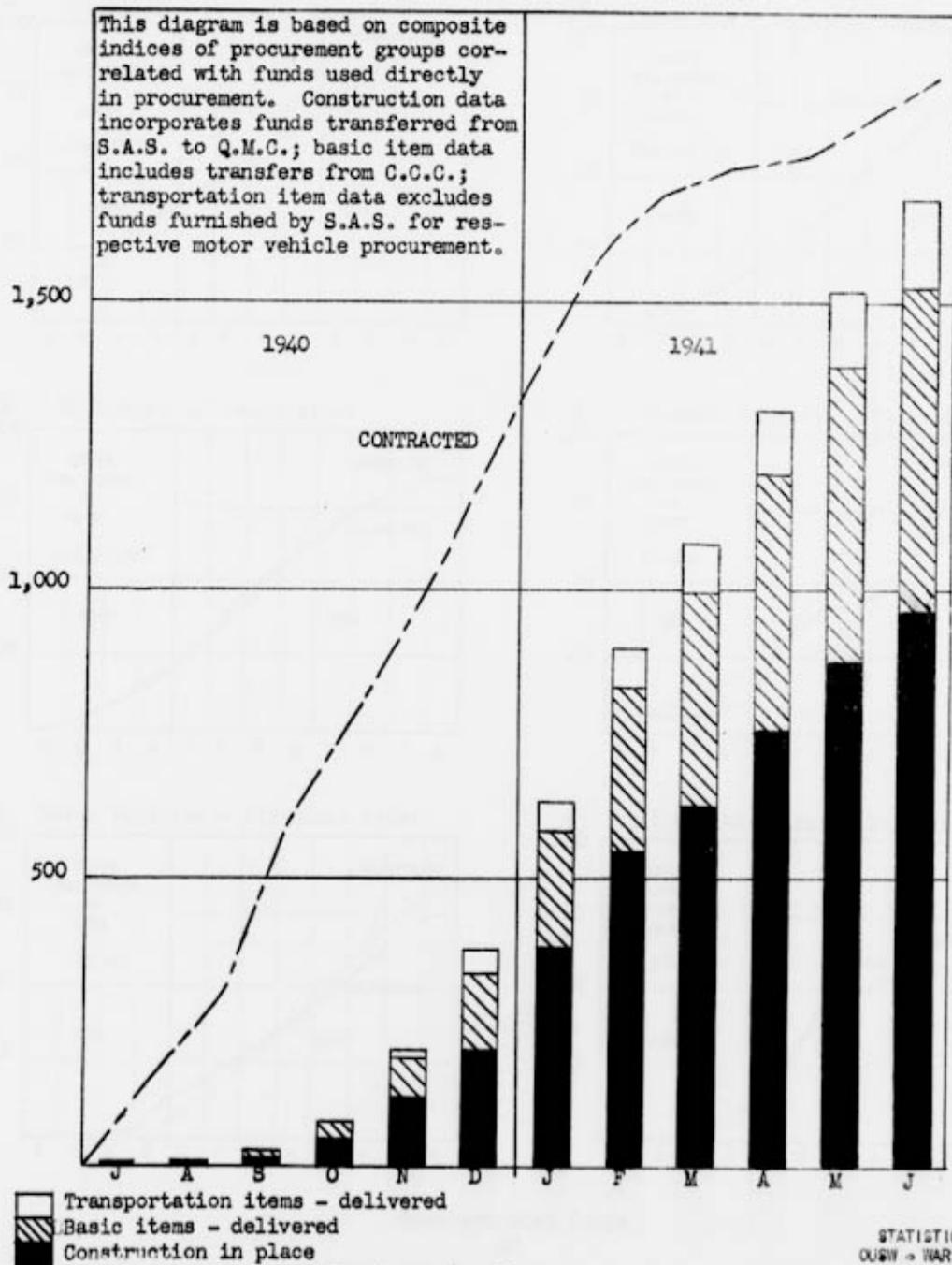
Source of Information: Fiscal Division and Statistics Branch, OQMG

		\$ MLS	Percent of total allocation
<u>BASIC ITEMS</u>		712	24
		647	22
		641	22
<u>TRANSPORTATION</u>		524	17
		339	11
		309	10
<u>CONSTRUCTION</u>		1,747	59
		1,740	58
		1,562	52
<u>TOTAL</u>		2,982	100
		2,726	91
		2,512	84

-  Total funds allocated
-  Funds involved directly in procurement
-  Commitments against funds directly involved

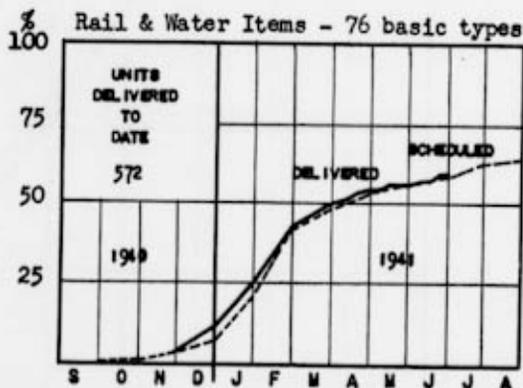
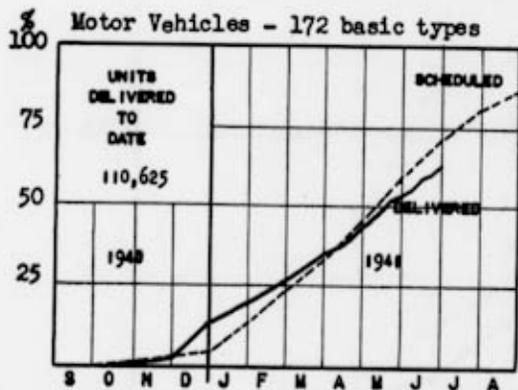
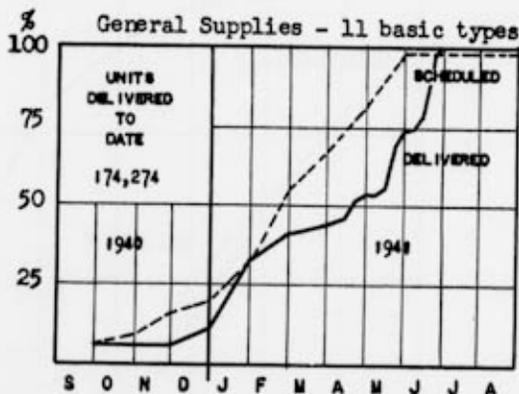
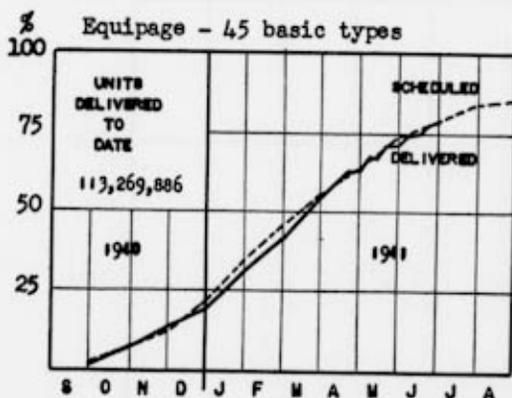
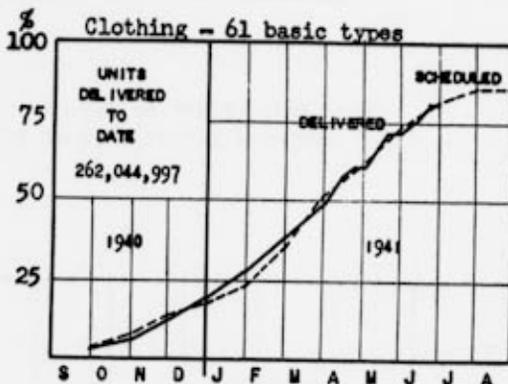
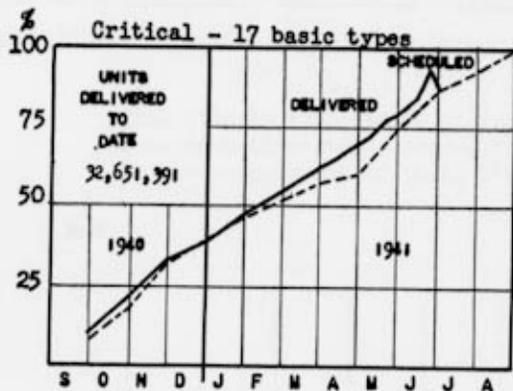
QUARTERMASTER CORPS - Q.M.C. PROCUREMENT - F. Y. 1941 - FISCAL INDEX - June 30, 1941

Source of Information: Statistics Branch, OQMG - OUSW



STATUS OF Q.M. PROCUREMENT - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

Source of Information: Statistics Branch, OQMG - June 30, 1941

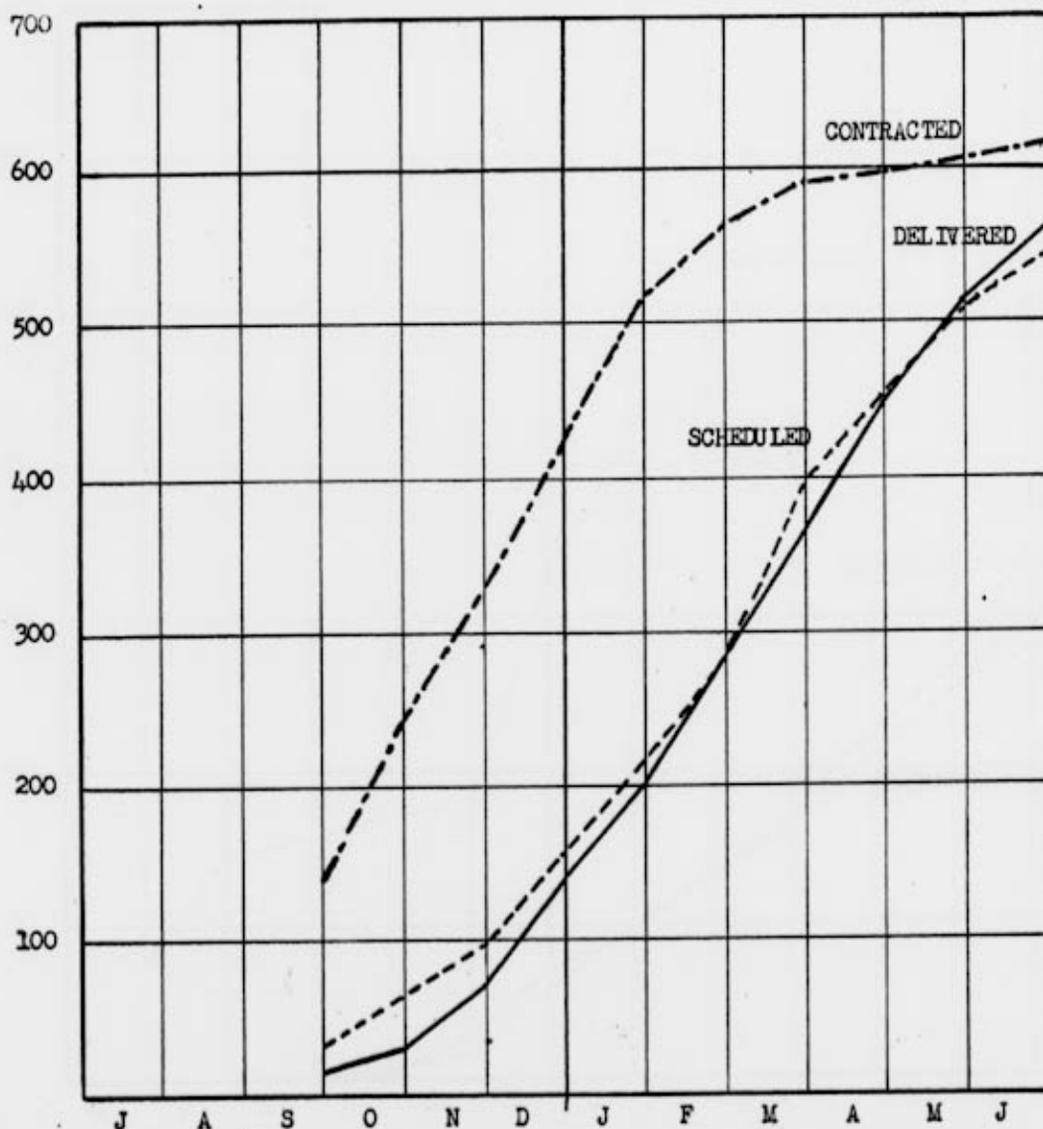


QUARTERMASTER CORPS - BASIC ITEMS - F.Y. 1941 - FISCAL INDEX - June 30, 1941

Source of Information: Statistics Branch, OUSW

This diagram is based on an index of procurement of twenty-five representative items, correlated with the funds directly involved in the procurement of basic items.

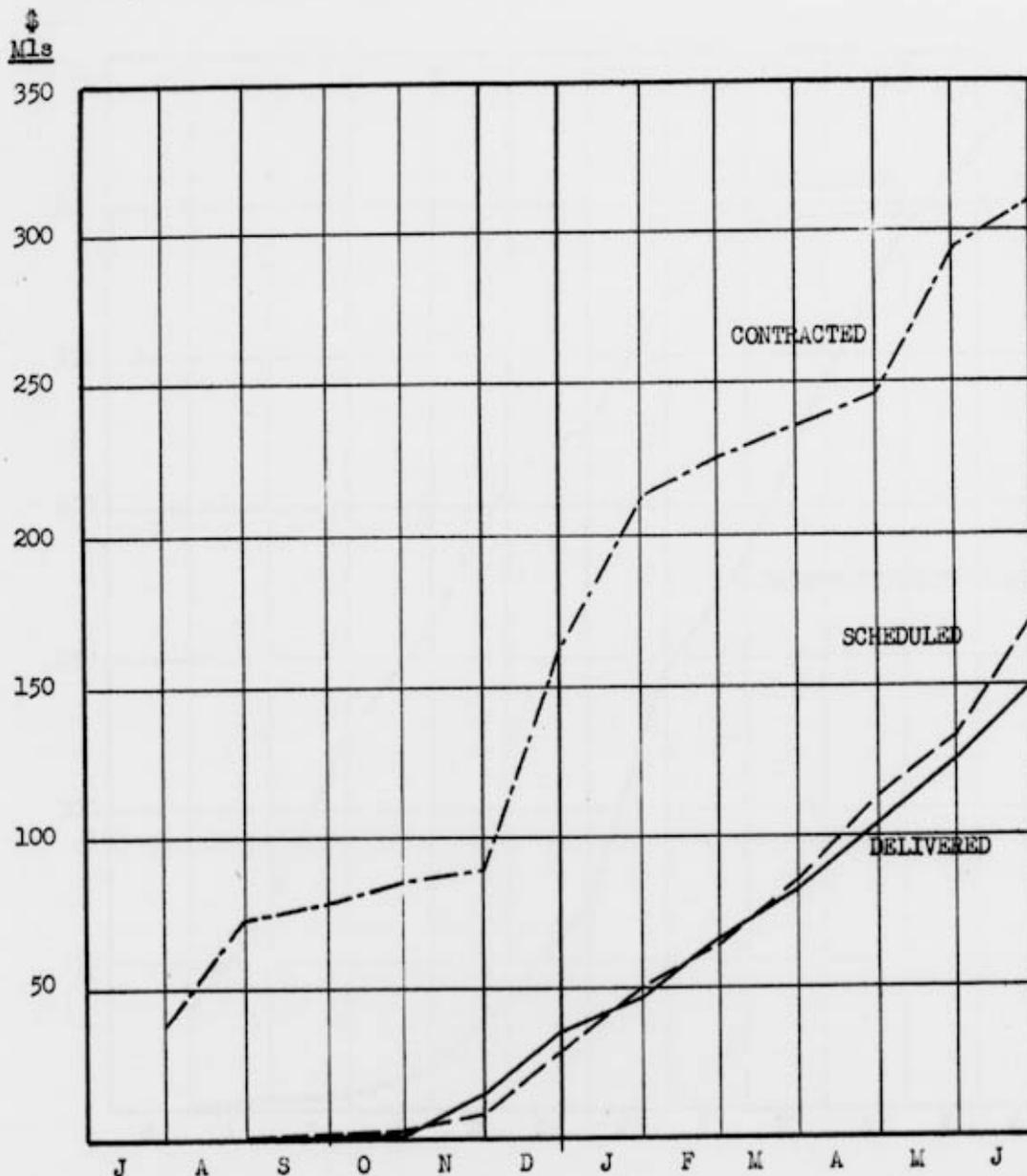
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QUARTERMASTER CORPS - TRANSPORTATION ITEMS - F.Y. 1941 - FISCAL INDEX - June 30, 1941

Source of Information: Statistics Branch, OUSW

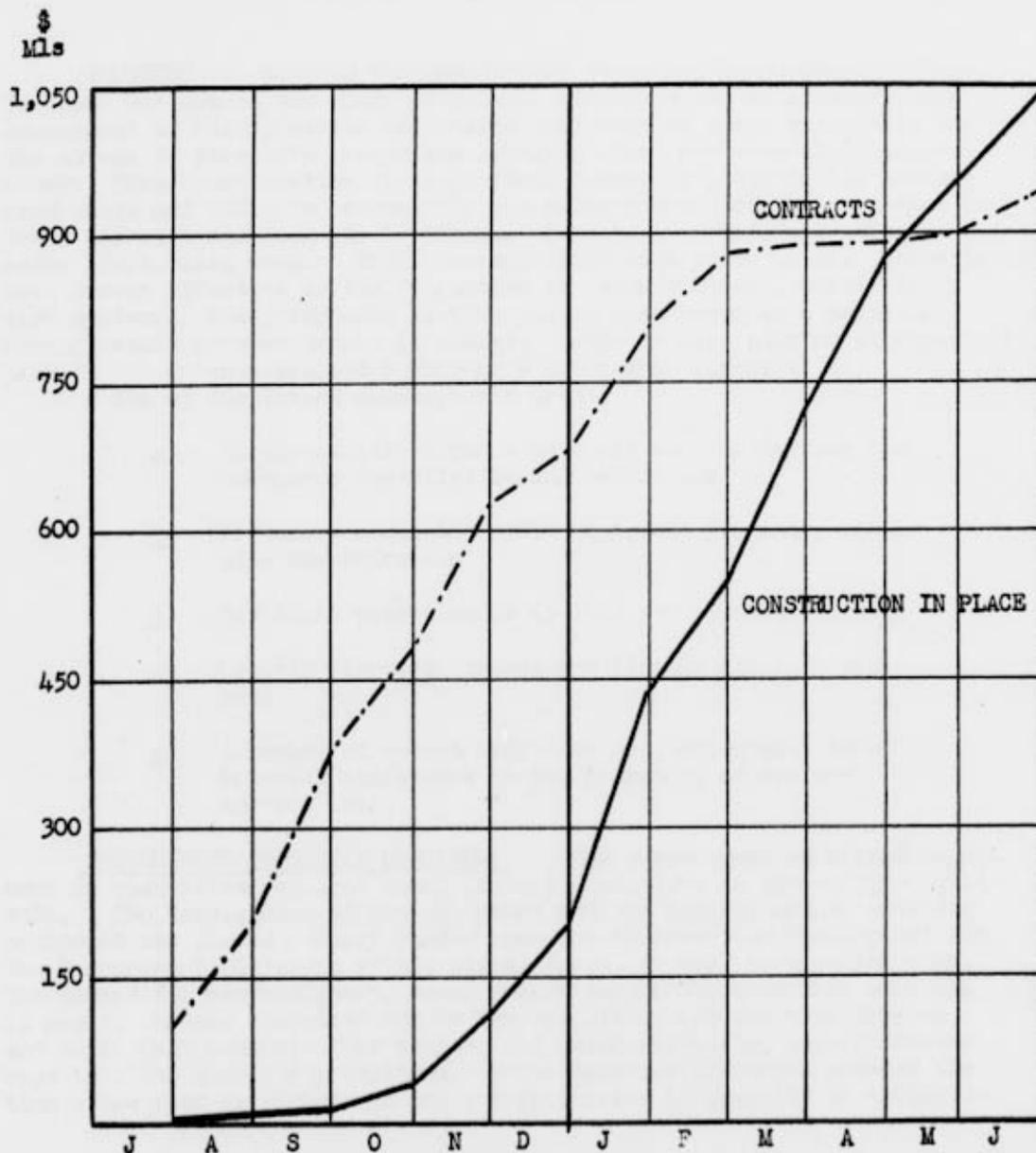
This diagram is based on an index rate of procurement determined from animal, rail, water and motor vehicle procurement correlated with transportation funds used directly in procurement.



QUARTERMASTER CORPS - CONSTRUCTION PROGRESS - F.Y. 1941 - FISCAL INDEX - June 30, 1941

Source of Information: Statistics Branch, OUSW

This diagram is based on an index rate of construction determined from troop housing availability and construction in place data correlated with latest estimated total cost.



PROGRESS REPORT - SIGNAL CORPS PROCUREMENT - F.Y. 1941 - AS OF JUNE 30, 1941

Source of Information: Office of the Chief Signal Officer, Supply and Research and Development Divisions

FOREWORD - Some of the outstanding technical developments of the European War are in the field of radio. Extensive use of aircraft, the employment of highly mobile mechanized equipment in great quantities and the advent of parachute troops are bringing about new communication problems. Wire communication is impractical between rapidly moving mechanized units and radio is necessarily the primary means of communication between aircraft and from air to ground. Parachute troops, operating behind enemy lines, also require radio communication with their bases. These troops have proven effective in the disruption of communications, particularly wire systems. Heavy emphasis is thus placed upon radio as a means of communication between troops in combat. Radio is also playing an important part in the defense against bombardment and combat aircraft.

A few of the latest developments are:-

- a. Highly efficient radio aircraft warning devices for permanent installation and mobile use
- b. Frequency modulated radio equipment for inter-vehicular communication
- c. New light weight radio (5-lb.) for parachute troops
- d. Greatly improved command and liaison aircraft radio sets
- e. A number of secret radio devices, which will be of material assistance in the combating of air and surface craft.

PROCUREMENT OF SIGNAL EQUIPMENT - The procurement of signal equipment in quantities required under present conditions is exceedingly difficult. The development of new equipment and the improvement of existing equipment has placed a heavy burden upon the Research and Development and the Procurement Divisions of the Signal Corps, as well as upon industry. The demand for new equipment, never before manufactured in this country, is great. Before contracts can be awarded, it is necessary to develop and build test models; after testing and standardization, the contractor must tool for quantity production; months necessarily elapse between the time a new item is engineered and its production in quantity is achieved.

PROGRESS REPORT - SIGNAL CORPS PROCUREMENT - F.Y. 1941 - AS OF JUNE 30, 1941 (PAGE II)

FISCAL - Four separate Appropriation Bills passed by Congress during the fiscal year 1941 allotted funds to the Signal Corps. Each of these Appropriation Bills was followed by an expenditure program, prepared by the Signal Corps, and approved by G-4 of the General Staff.

The following tabulation shows the various amounts appropriated and the dates when such funds were approved and made available.

<u>Act</u>	<u>Amount</u>	<u>Date made available</u>
{ Pub. 611, Regular Act, F.Y. 1941 Pub. 667, 1st Supp. Nat. Def. Act, 1941	\$53,390,640	6-26-40
Pub. 781, 2nd Supp. Nat. Def. Act, 1941	106,346,722	9-9-40
Pub. 800, 3rd Supp. Nat. Def. Act, 1941	5,661,573	10-8-40
Pub. 29, 5th Supp. Nat. Def. Act, 1941	87,424,515	4-5-41
Total	\$252,823,450	

Transfers, savings and additions to the various programs reduced the overall total to \$223,275,466 for the entire fiscal year.

The Signal Corps report of July 8, 1941 discloses contract awards of \$191,975,068 as of June 30, 1941 and the obligation of \$855,745 for insurance and \$426,334 for transportation. Total amount obligated during the fiscal year was, therefore, \$193,257,166, or 86.8% of the entire sum approved for expenditure. While complete figures are not yet available, procurement under the Fiscal Year 1941 expenditure program is largely completed and only a few items remain to be contracted. The value of these items is not expected to exceed \$6,000,000.

INDEX - The Index on page 39 of this report shows the status of the Signal Corps procurement program for the F.Y. 1941. Figures are based upon the scheduled and actual deliveries of one hundred critical components and items of ground and aircraft signal

INDEX (cont'd)

equipment. Items used have been weighted according to estimated unit cost. Curves compare scheduled with actual accomplishment of the program, by month, on a cumulative basis. The Index provides a fiscal indication of accomplishment and cannot be used for any other purpose.

The fact that less than 40% of the entire procurement program was scheduled for completion within the fiscal year 1941 is due to the following:-

1. The dates on which funds were made available to the Signal Corps
2. The necessity of engineering, development and the tooling of industry before obtaining quantity production.

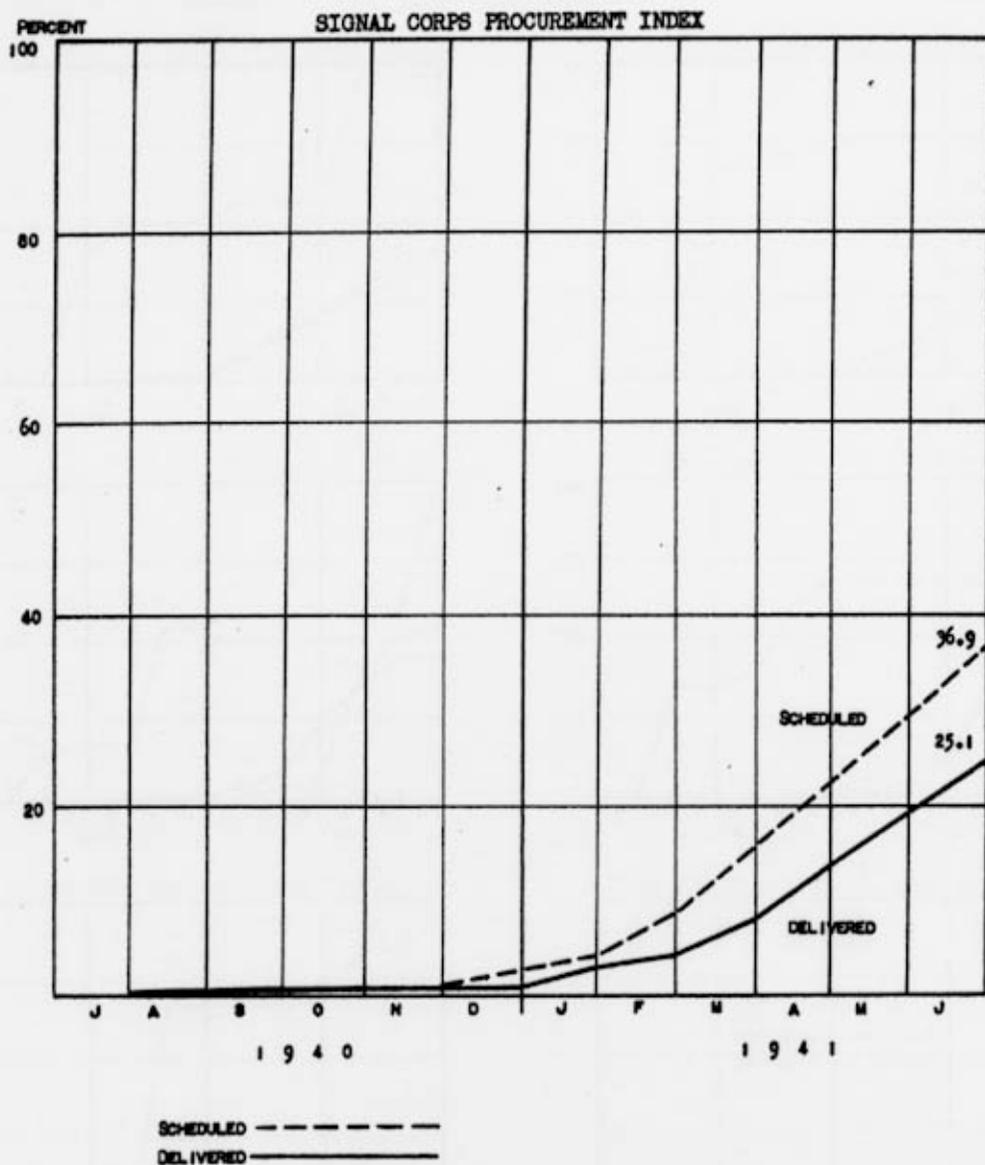
DIAGRAMS - The diagrams on pages 40 through 44 of this report have been prepared to show the relationship between scheduled and actual deliveries of selected critical items of signal equipment for the F.Y. 1941. In several of these diagrams similar items have been grouped and figures shown are composite figures of all items included.

Program figures shown are total quantities authorized under the 1941 fiscal year program. It will be noted that quantities scheduled for delivery during the fiscal year are, in most instances, considerably below program figures. Curves showing the various contracts for each item have been included to clarify the relationship between the quantity scheduled for delivery during the 1941 fiscal year and the quantity under contract.

Material in this report is limited to procurement by the Signal Corps, of items of signal equipment and supplies for the Army. Procurement for other purposes, such as maintenance of telephone centrals, operation of Signal Corps Laboratories, research and development, etc., is not included.

INDEX OF SIGNAL CORPS PROCUREMENT - F.Y. 1941 - YEAR ENDED JUNE 30, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer



Signal Corps  
39

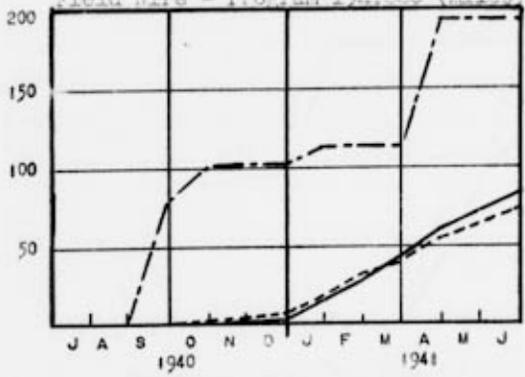
STATISTICS BRANCH  
OSGW - WAR DEPARTMENT  
7-12-41

SIGNAL CORPS PROCUREMENT - SUMMARY 1940 - 1941 - TELECOMMUNICATIONS - AS OF 30 SEP 1941

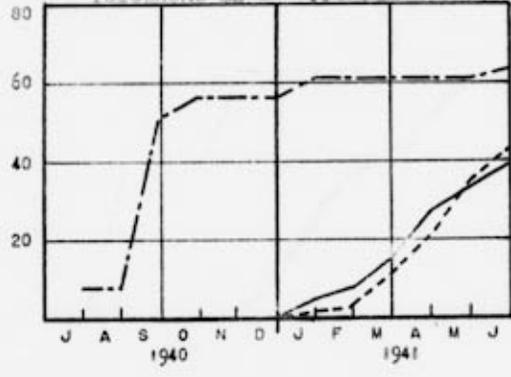
Source of Information: Office of the Chief of Staff, Signal Corps, Supply Division

Contract Awards ----- Schedules ----- Delivered -----

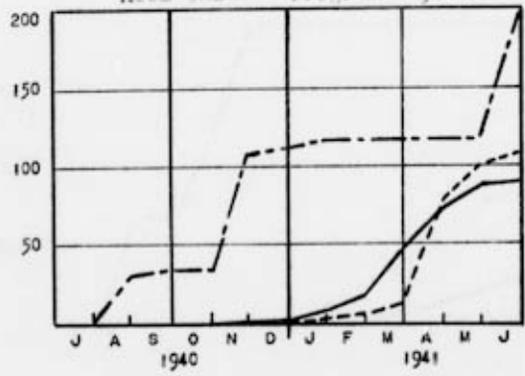
Field Wire - Program 194,000 (miles)



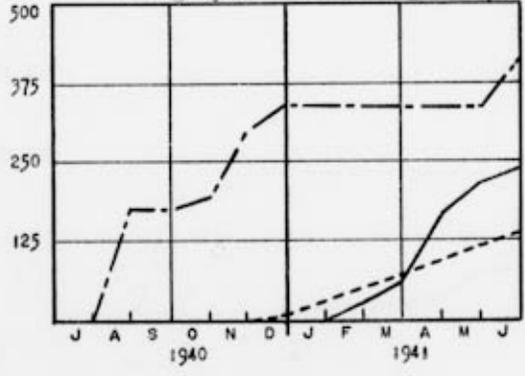
Telephone CE-8 - Program 1,100



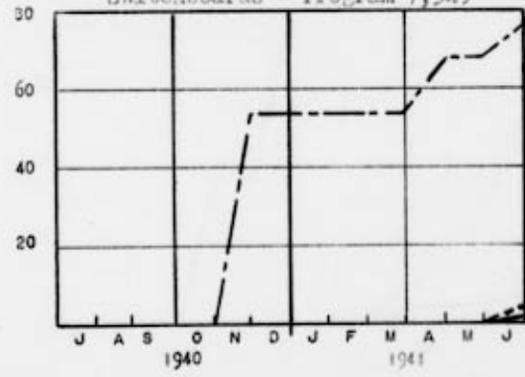
Reel Units - Program 18,700



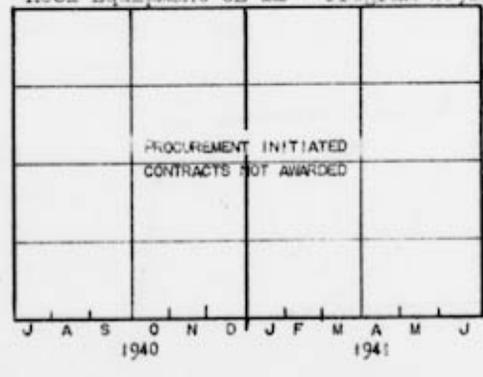
Telegraph Unit TG-5 - Program 4,427



Switchboards - Program 7,549



Reel Equipment CE-11 - Program 23,154



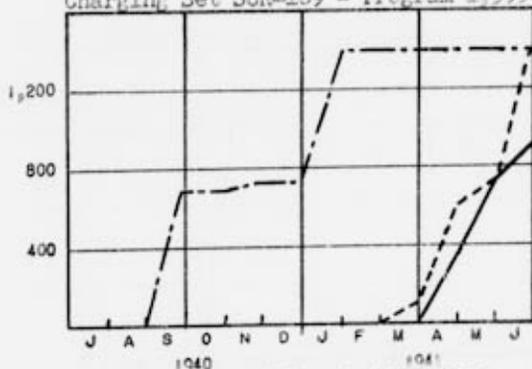
PROCUREMENT INITIATED  
CONTRACTS NOT AWARDED

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION - AS OF JUNE 28, 1941

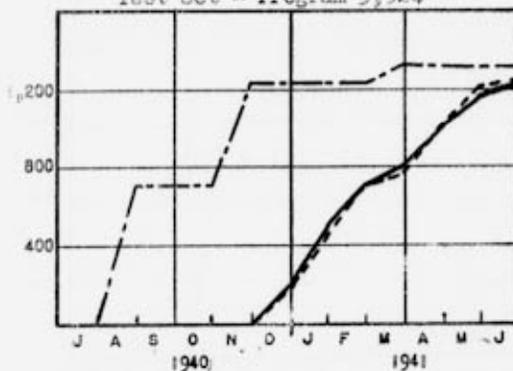
Source of Information: Office of the Chief Signal Officer, Supply Division

Contract Awards ----- Scheduled ----- Delivered -----

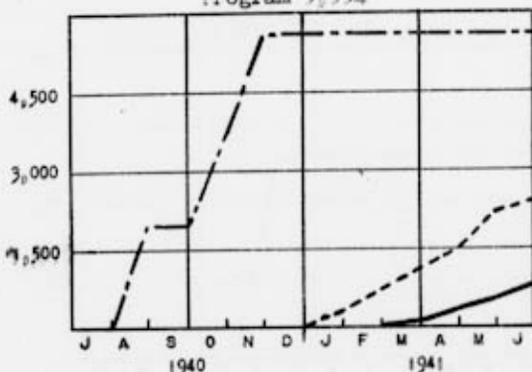
Charging Set SCR-169 - Program 1,395



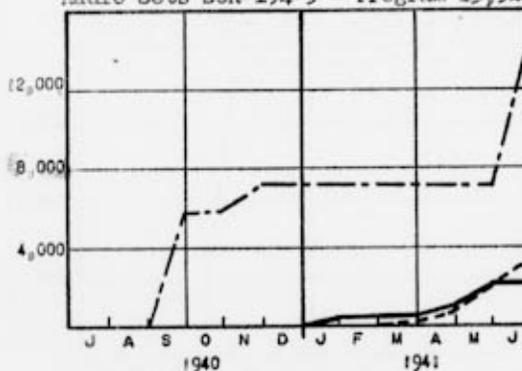
Test Set - Program 3,524



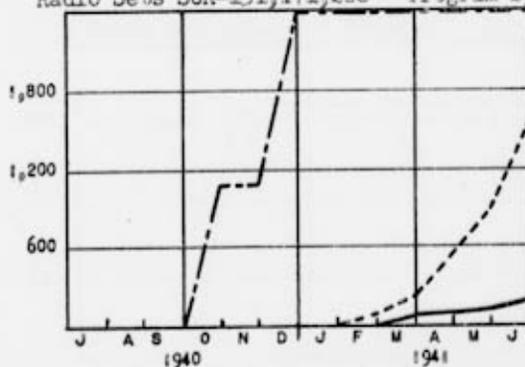
Frequency Meter Set SCR-211  
Program 9,994



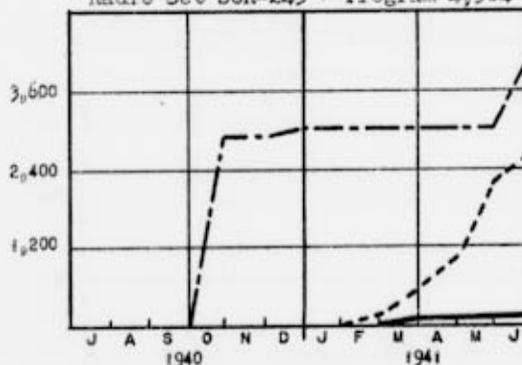
Radio Sets SCR-194-5 - Program 13,529



Radio Sets SCR-131,171,288 - Program 2,400



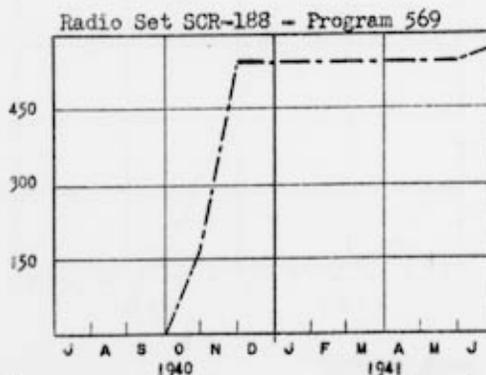
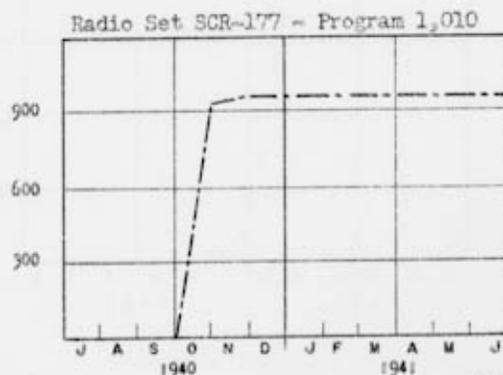
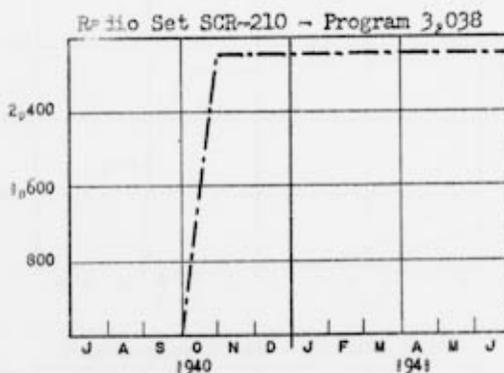
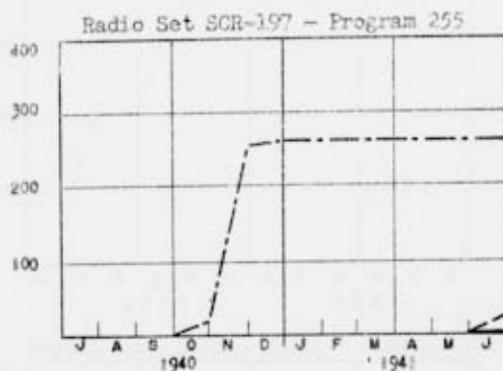
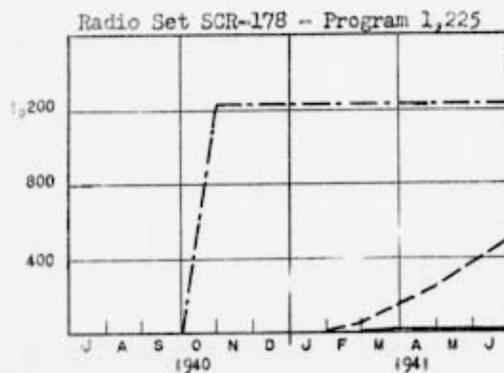
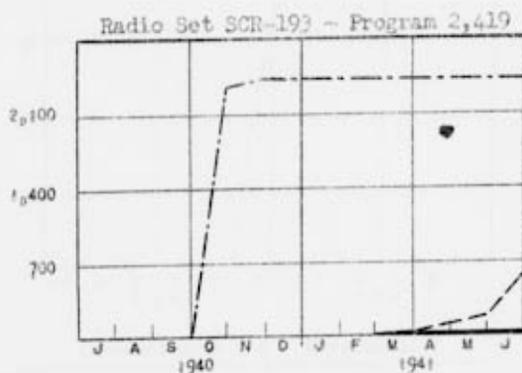
Radio Set SCR-245 - Program 4,504



SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION - AS OF JUNE 28, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

Contract Awards ----- Scheduled - - - - - Delivered \_\_\_\_\_



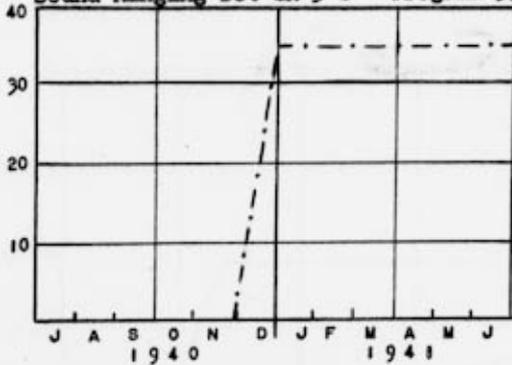
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - MISCELLANEOUS EQUIPMENT

AS OF JUNE 28, 1941

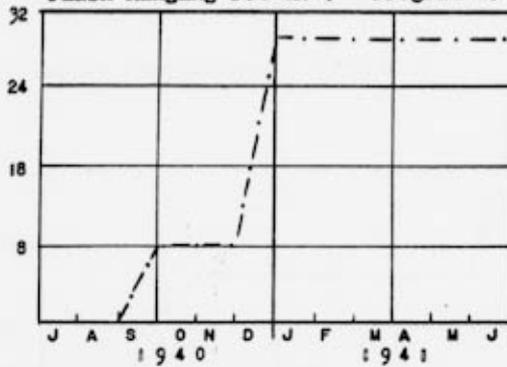
Source of Information: Office of the Chief Signal Officer, Supply Division

Contract Awards \_\_\_\_\_ Scheduled ----- Delivered \_\_\_\_\_

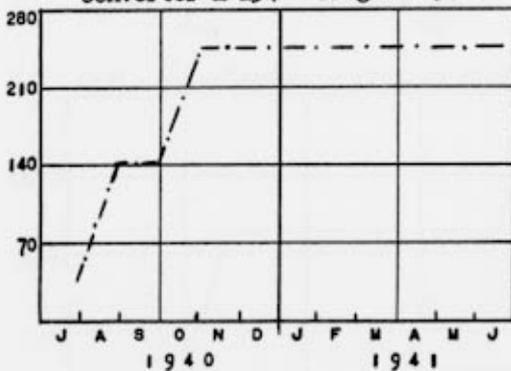
Sound Ranging Set GR-3-C - Program 35



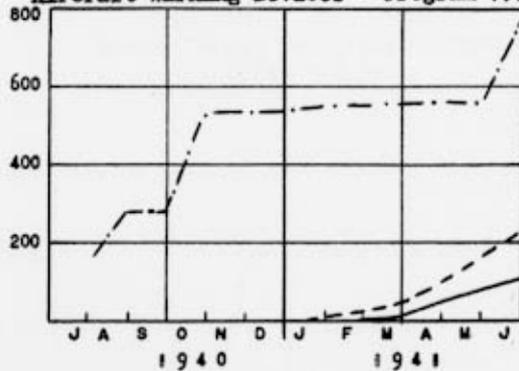
Flash Ranging Set GR-4 - Program 29



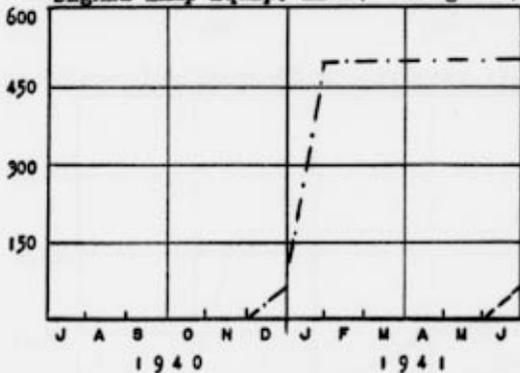
Converter M-134 - Program 237



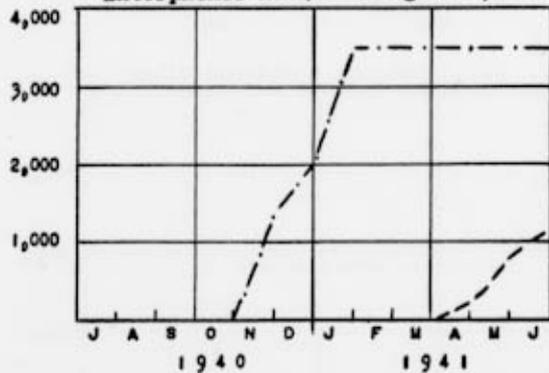
Aircraft Warning Devices - Program 799



Signal Lamp Equip. EE-84 - Program 501



Interphones RC-48 - Program 3,492

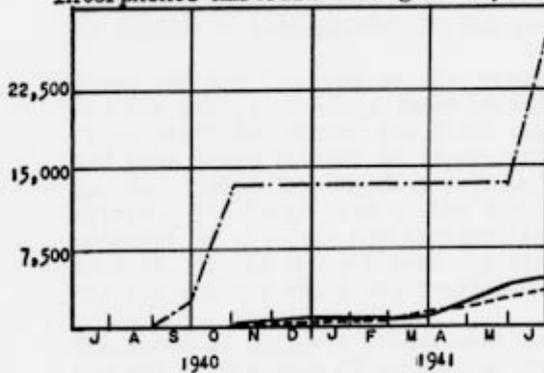


SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION - AS OF JUNE 28, 1941

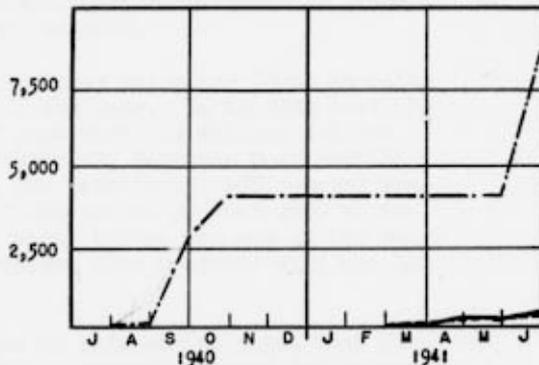
Source of Information: Office of the Chief Signal Officer, Supply Division

Contract Awards ----- Scheduled ----- Delivered -----

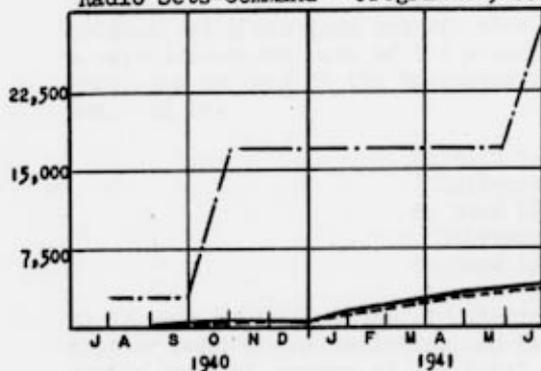
Interphones-Aircraft - Program 26,865



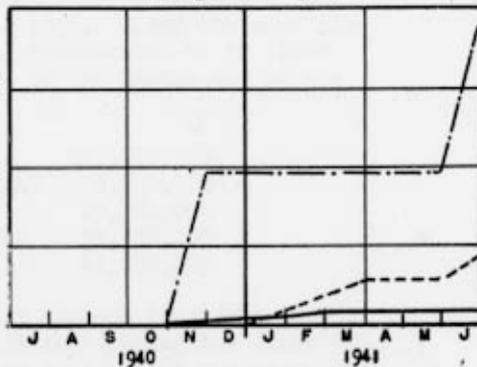
Radio Sets-Liaison - Program 8,477



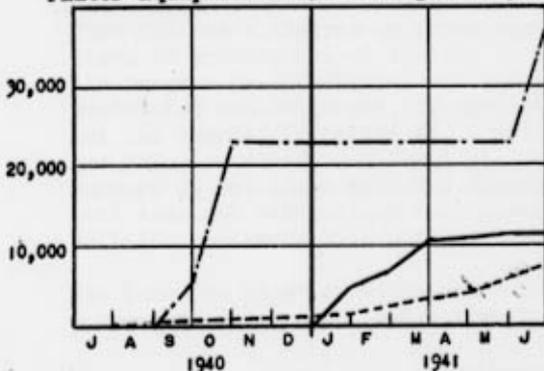
Radio Sets-Command - Program 28,079



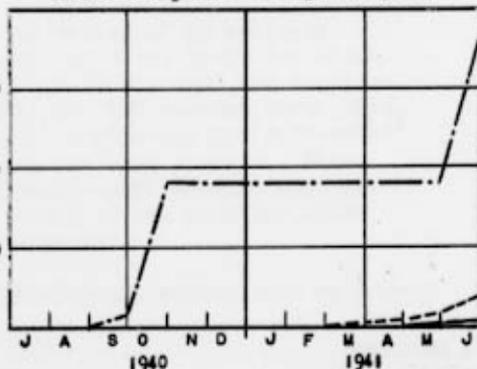
Marker Beacon Receiving Equipment Program - 9,346



Filter Equipment RC-32 - Program 37,374



Radio Compass - Program 9,004



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 30, 1941

Source of Information: Office of the Chief of Engineers

This week the Engineer procurement program is reported as a project for the fiscal year 1941. Most of the material is in a different form than that of previous reports and gives an over-all picture of what the Corps of Engineers accomplished in the year just finished.

First are two diagrams on the source of the money which the Corps is using and the status of these funds at the end of the year. It is seen that the funds obligated during the final month of June were 388 million dollars and that three classes of funds, namely, Materiel, Engineer Construction, and Facilities for Expediting Production, are practically 100 percent committed. The large size of the Air Corps Construction program made it impossible to allocate and contract all the money before the end of the year; in fact, it has not yet been definitely decided what projects will use 140 million dollars which are available.

The index of Engineer Procurement developed by this office shows that at the end of the year 83 percent of the Engineer materiel needed for an army of 1,725,000 men was scheduled for delivery and that 81 percent had been delivered. The result is that the Engineers completed 98 percent of the program which was laid out for them in the year 1941. Along the same line a calculation was made of the value of materiel represented by 50 items which was on hand at the beginning of the year, in the middle and at the end. It is:

On hand 7/1/40	\$13,712,000
Delivered to 12/31/40	9,869,000
On hand 12/31/40	23,581,000
Delivered to 6/30/41	38,358,000
On hand 6/30/41	61,939,000

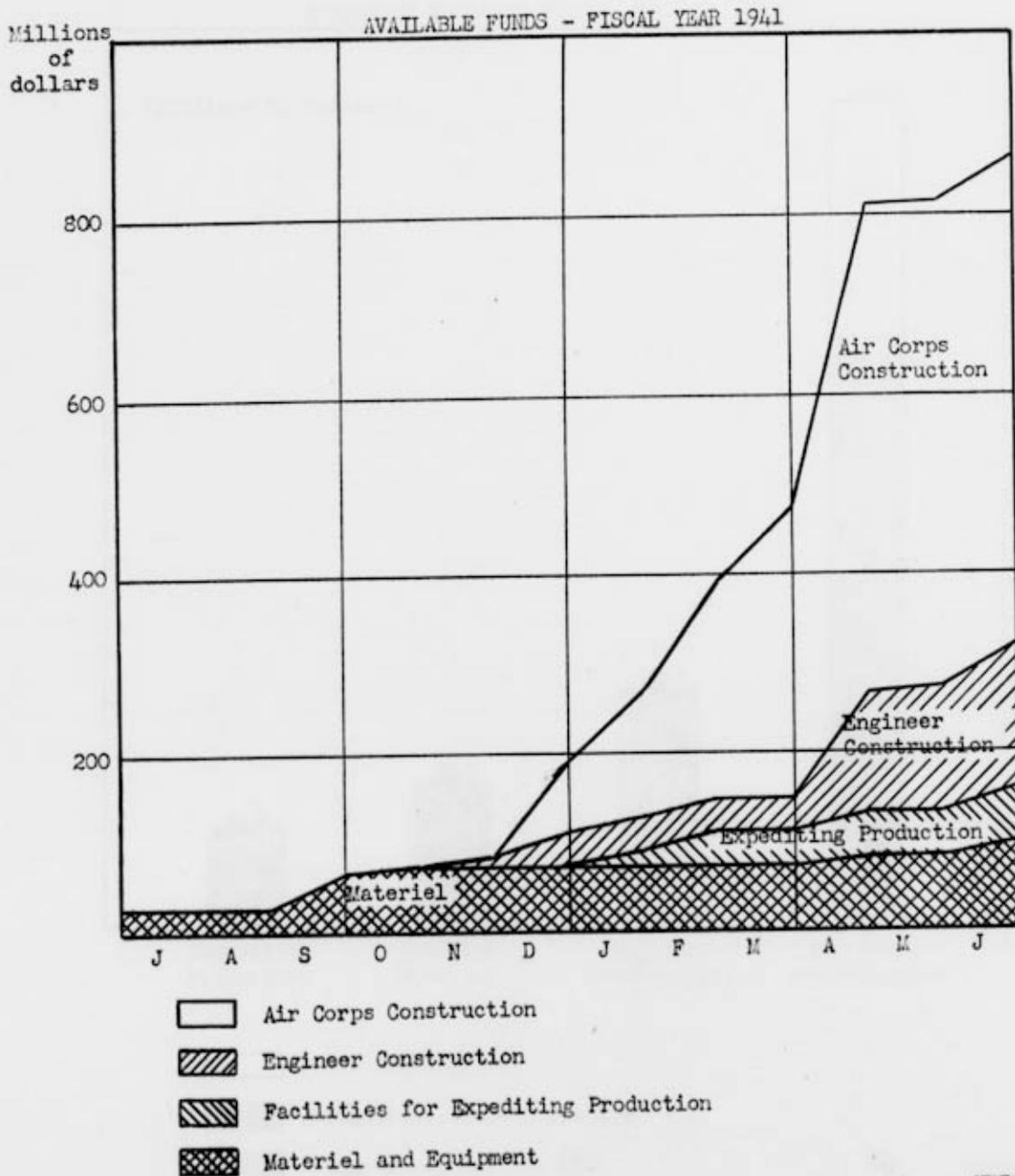
It is seen that the value of materiel on hand at the end is almost 5 times that on hand at the beginning and that the deliveries during the first 6 months were 20 percent of the total, while those in the last 6 months were 80 percent.

Then follows a diagram on three pages showing the status of 45 critical items of procurement at the end of the year. Not shown are items for which the program is indefinite. Of the 45 items, 10 (or 22 percent) are completely contracted and delivered, 27 more (or 60 percent) are 100 percent contracted but not completely delivered, 4 are not completely contracted but deliveries are being received, and for 4 the program has not yet been started. These numbers do not agree with the figures in the fiscal report because that report includes obligations made during the last month of the year for which definite contracts have not yet received final approval.

The last two pages show the story of the 60" antiaircraft searchlight on both a non-cumulative and a cumulative basis.

CORPS OF ENGINEERS - SOURCE OF FUNDS - JUNE 30, 1941

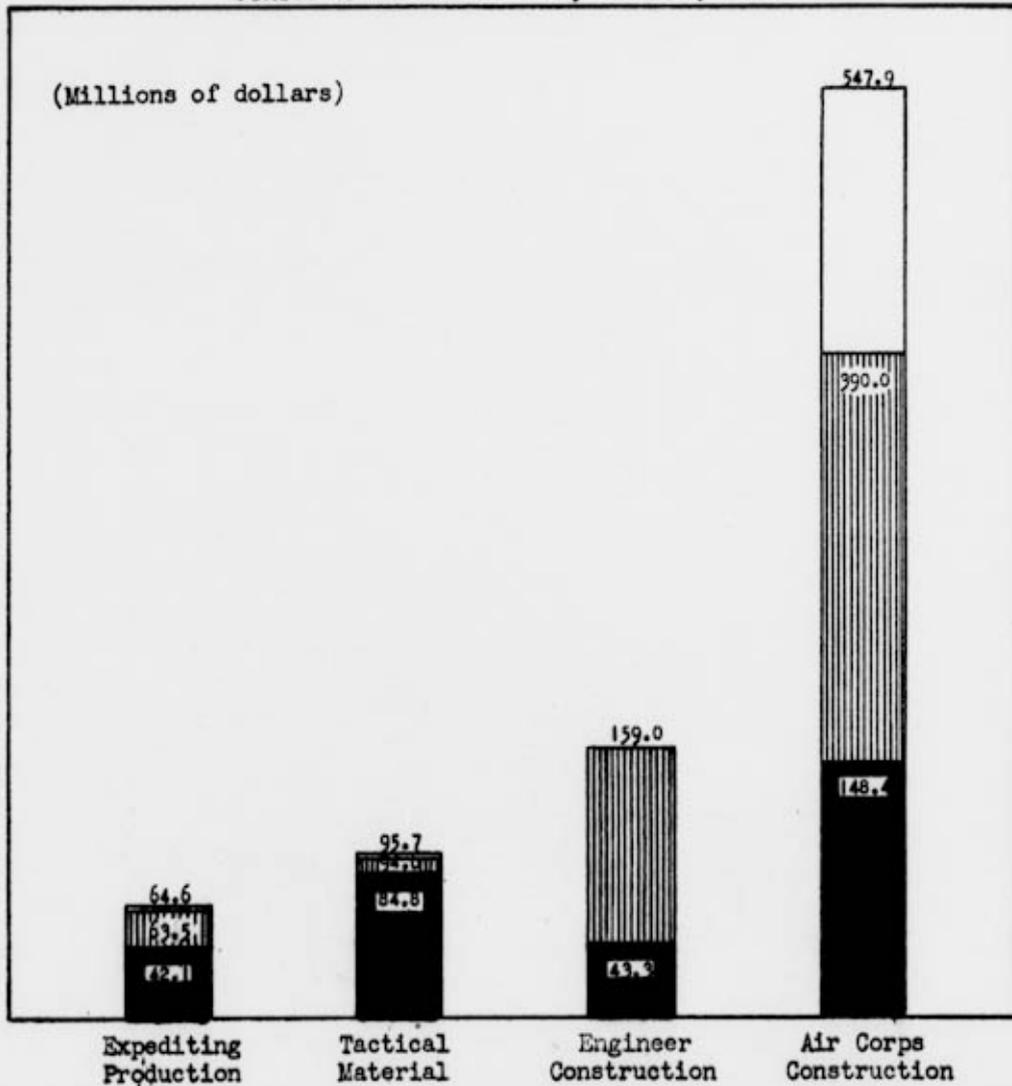
Source of Information: Finance Section, Office of the Chief of Engineers



CORPS OF ENGINEERS - PROCUREMENT PROGRESS, FISCAL YEAR 1941

Source of Information: Finance Section, Office of the Chief of Engineers

STATUS OF ENGINEER FUNDS, JUNE 30, 1941



- Funds unobligated
- Obligations, June 1-30, 1941
- Obligations, May 31, 1941

CORPS OF ENGINEERS - INDEX OF ENGINEER PROCUREMENT - JUNE 30, 1941

Source of Information:; Supply Section, Office of the Chief of Engineers

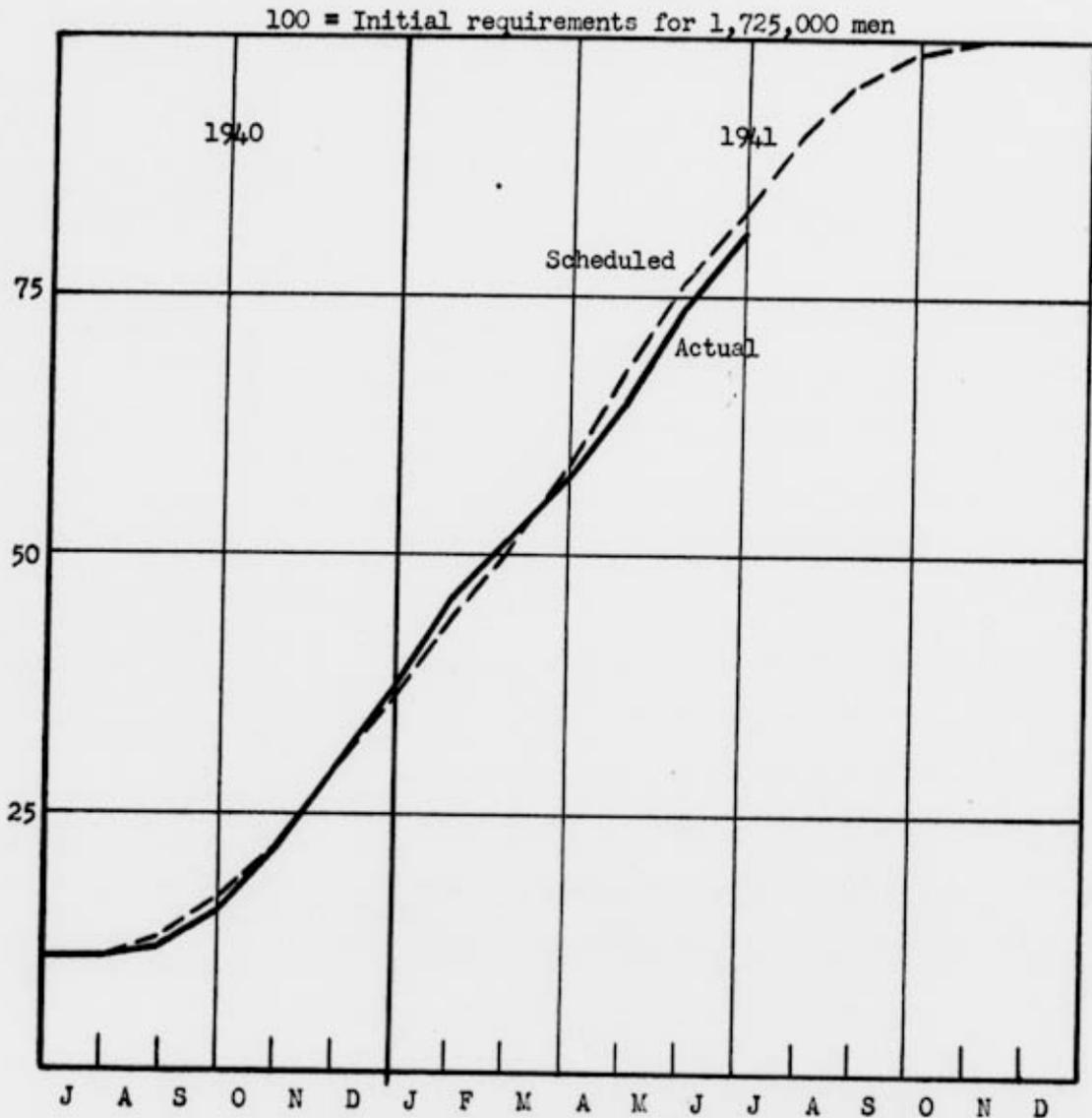
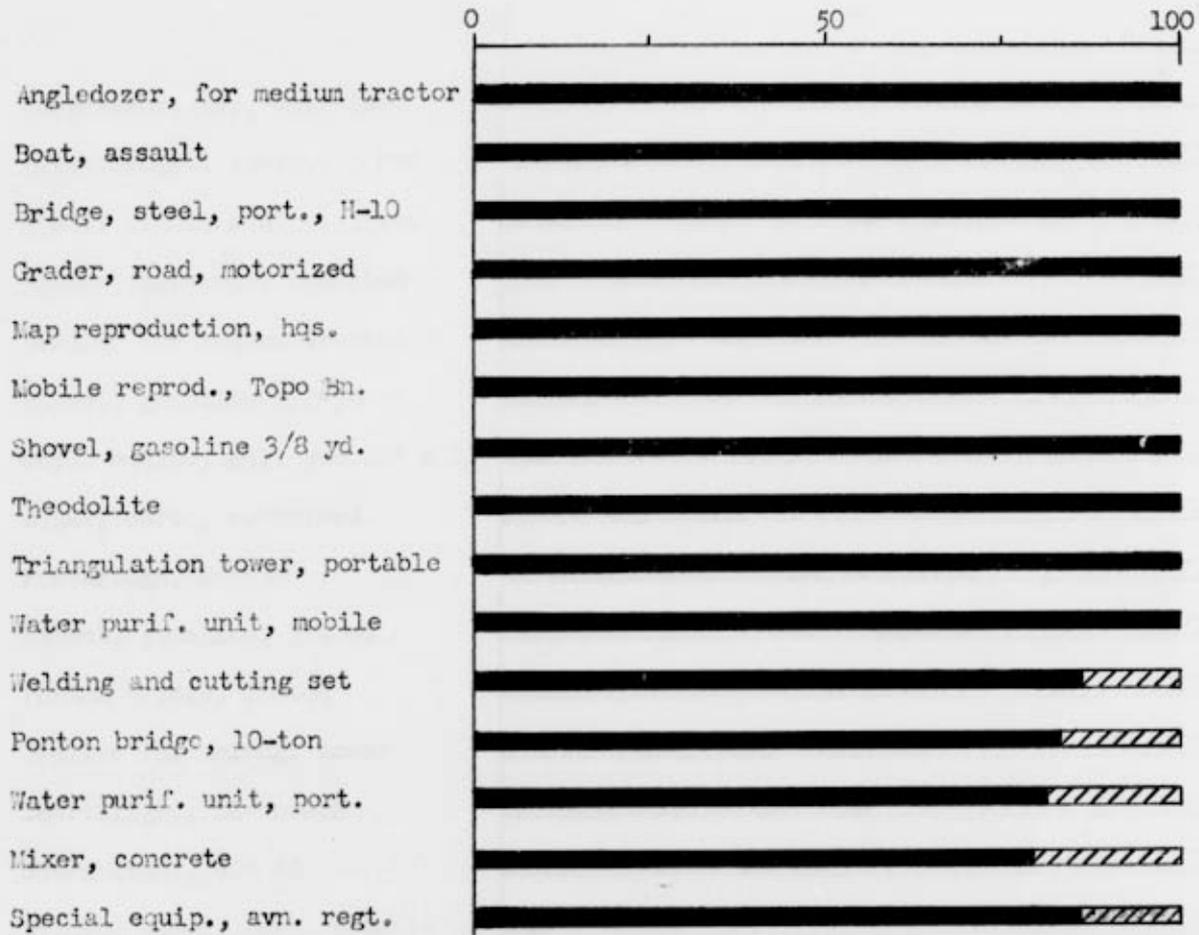


DIAGRAM - CORPS OF ENGINEERS - STATUS OF FISCAL YEAR 1941 PROGRAM

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

100 = Fiscal Year 1941 Program



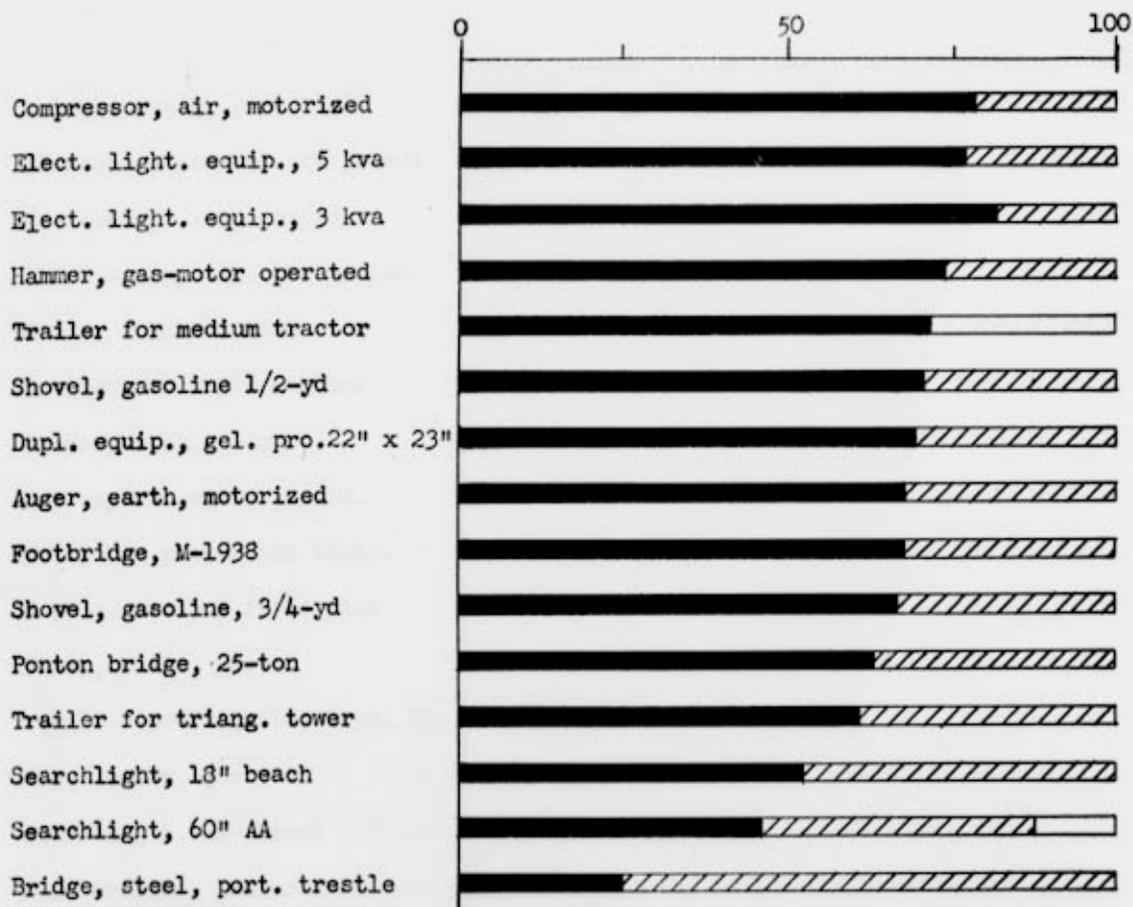
■ Delivered

▨ Contracted

GRAM - CORPS OF ENGINEERS - STATUS OF FISCAL YEAR 1941 PROGRAM - (Continued)

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

100 = Fiscal Year 1941 Program



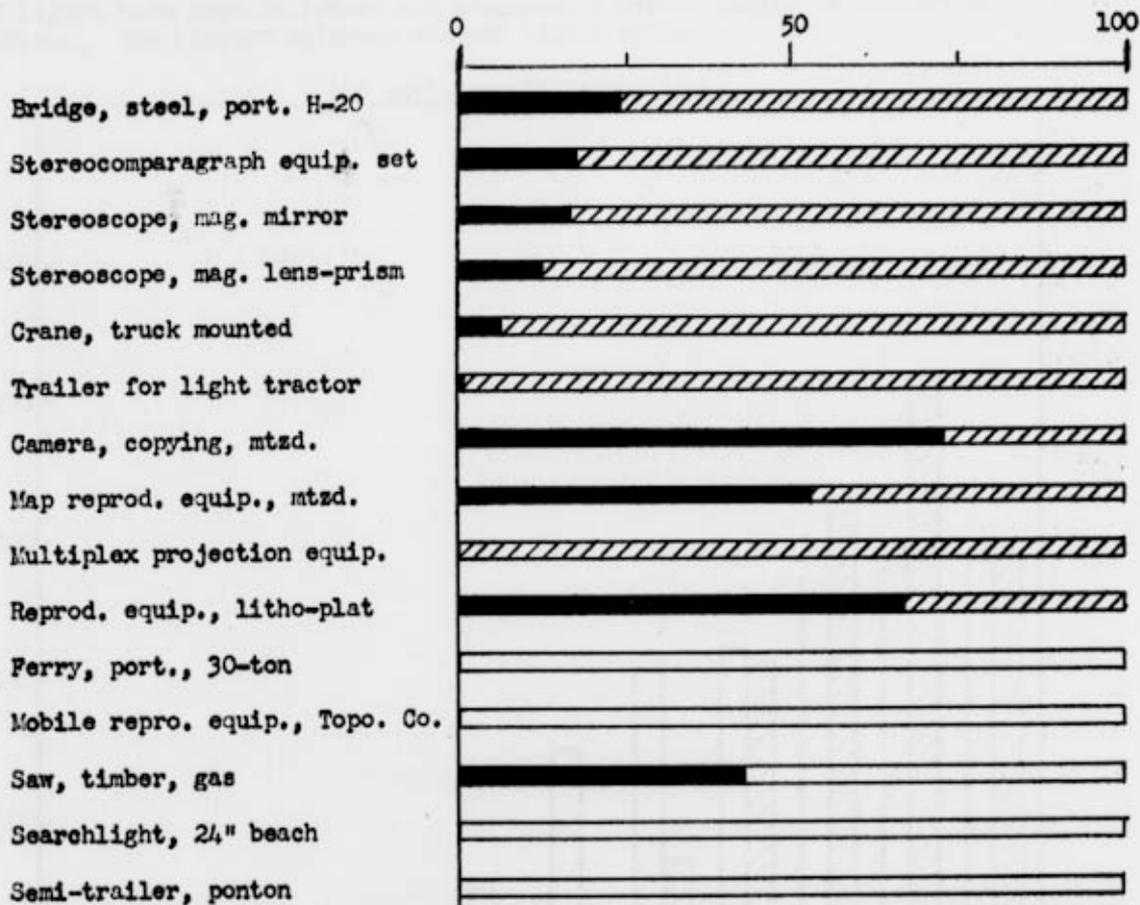
■ Delivered

▨ Contracted

PROGRAM - CORPS OF ENGINEERS - STATUS OF FISCAL YEAR 1941 PROGRAM - (Continued)

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

100 = Fiscal Year 1941 Program



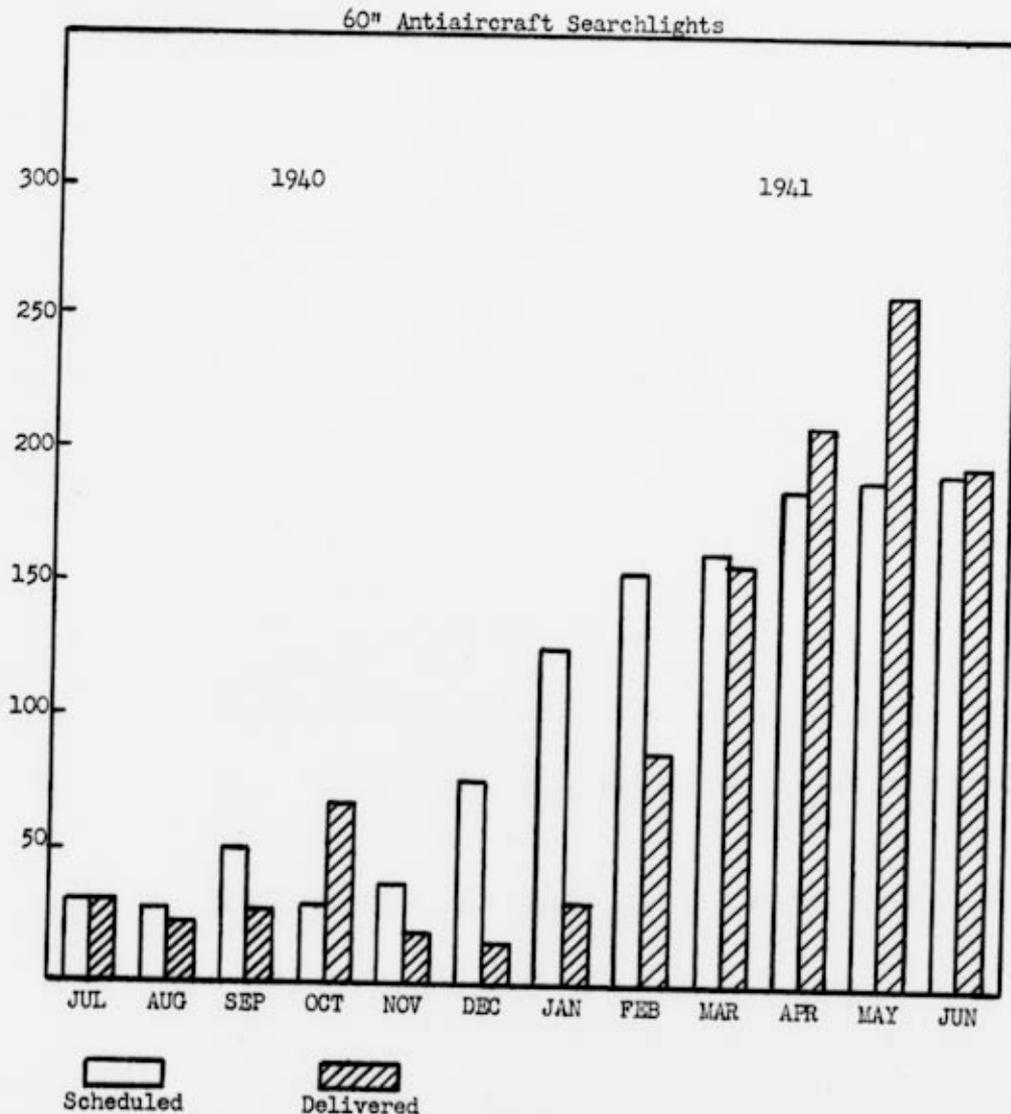
■ Delivered

▨ Contracted

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 30, 1941

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

The diagram shows on a non-cumulative basis the monthly schedules and deliveries for 60" antiaircraft searchlights. For a time at the beginning of the fiscal year deliveries were so poor that the schedule had to be revised in October to meet the realities of the situation. Since April large numbers of lights have been delivered and procurement can no longer be classed as serious. The largest delivery was 260 lights in May.

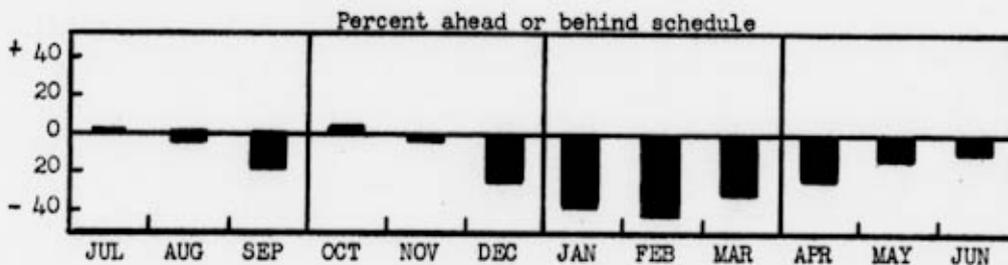
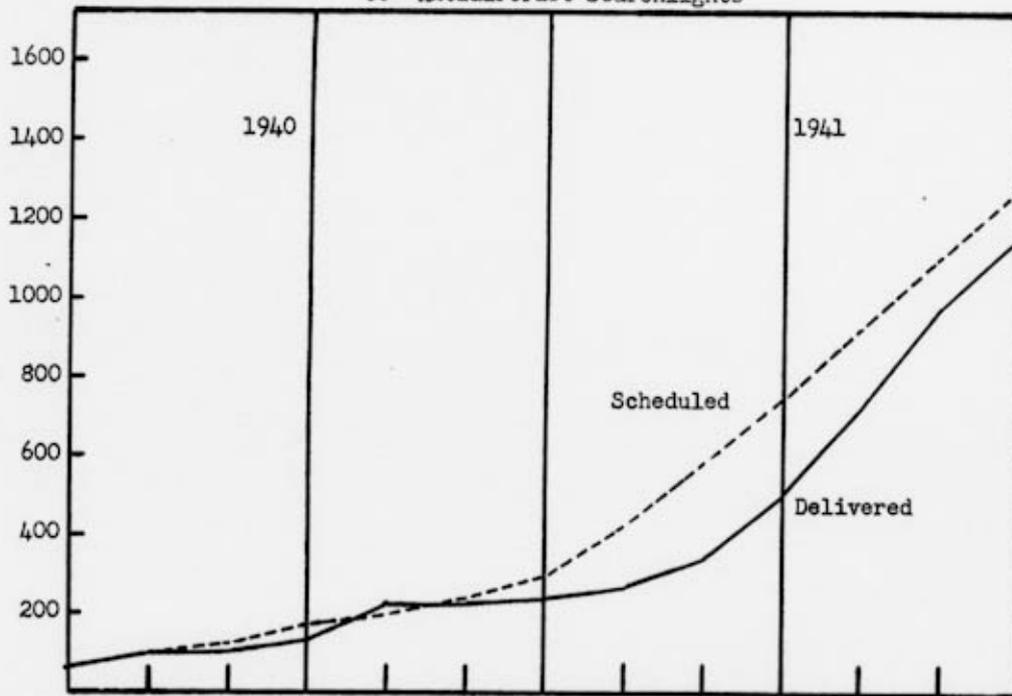


CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JUNE 30, 1941

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

For the fiscal year 1941, 1200 searchlights were scheduled and 1066 were delivered. The diagram shows this by months on a cumulative basis. The shortage of 134 lights is about 3 weeks' production. At the bottom of the diagram is a presentation of how the program went bad at the turn of the calendar year and has since improved.

60" Antiaircraft Searchlights



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JULY 12, 1941

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

The surgical instrument manufacturers are still encountering difficulties, which continue to slow up production and throw existing schedules out of balance. Lack of basic materials, tools, dies, and never-ending labor troubles continue to obstruct the flow of finished products. No improvement is evident in this week's report.

A strike was called at the G. F. Richter Manufacturing Company plant of the Fred Haslam Company, Brooklyn, N. Y. on June 25, 1941. The company has contracts for about \$450,000.00 with the Government. This concern is the second largest manufacturer of surgical instruments in the United States, and the stoppage of work, if prolonged, will seriously affect the procurement program of the Medical Department.

According to Procurement Progress Report as of June 30, 1941, the Zimmer Splint Co., New York, N. Y., has completed its first contract for 11,000 Aluminum Pole Litters. The final delivery was about 21 days behind schedule. The company has also delivered 5,392 litters on another contract which is to be completed on July 17, 1941.

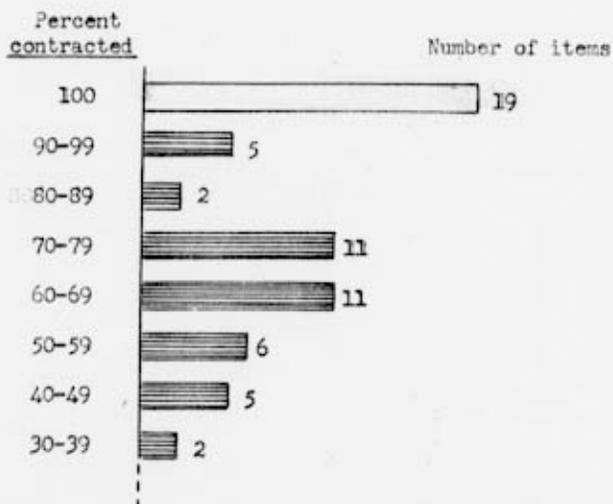
The manufacturers of adhesive plaster are having difficulties in securing sufficient zinc oxide and rubber for the adhesive surface of their product. Due to scarcity of zinc and rubber, rigid priorities have been imposed, and allowances for normal years cut by at least twenty percent. Both the Medical Department and the Ordnance Department have increased their requirements many fold; therefore, producers of this item find difficulty in supplying the Army and Navy and have little or nothing left for their regular customers.

According to a summary of Weekly Vital Statistical Report No. 26, July 3, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 3.57. This percentage shows 3.19 remaining in hospitals and .38 in quarters.

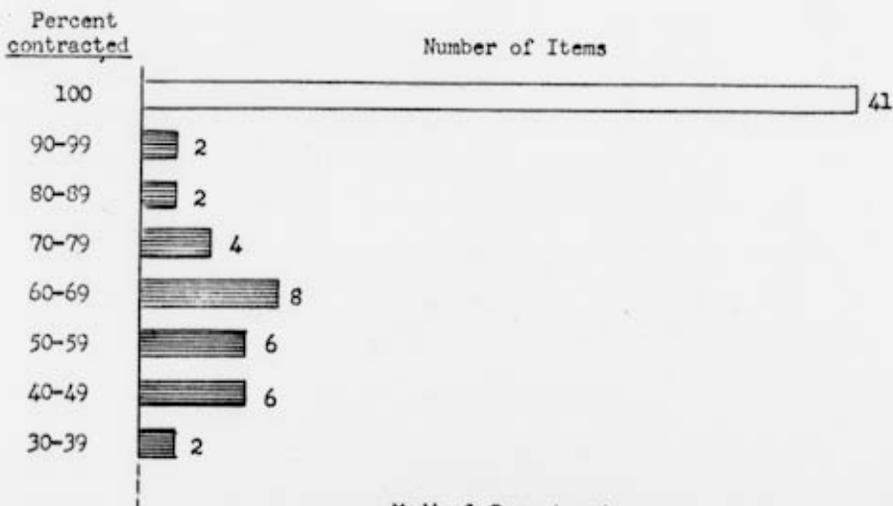
MEDICAL DEPARTMENT - PROCUREMENT STATUS OF CRITICAL AND SELECTED ITEMS - JUNE 30, 1941

Source of Information: Medical Department Procurement Progress Reports

SIXTY-ONE CRITICAL ITEMS AND PERCENT CONTRACTED



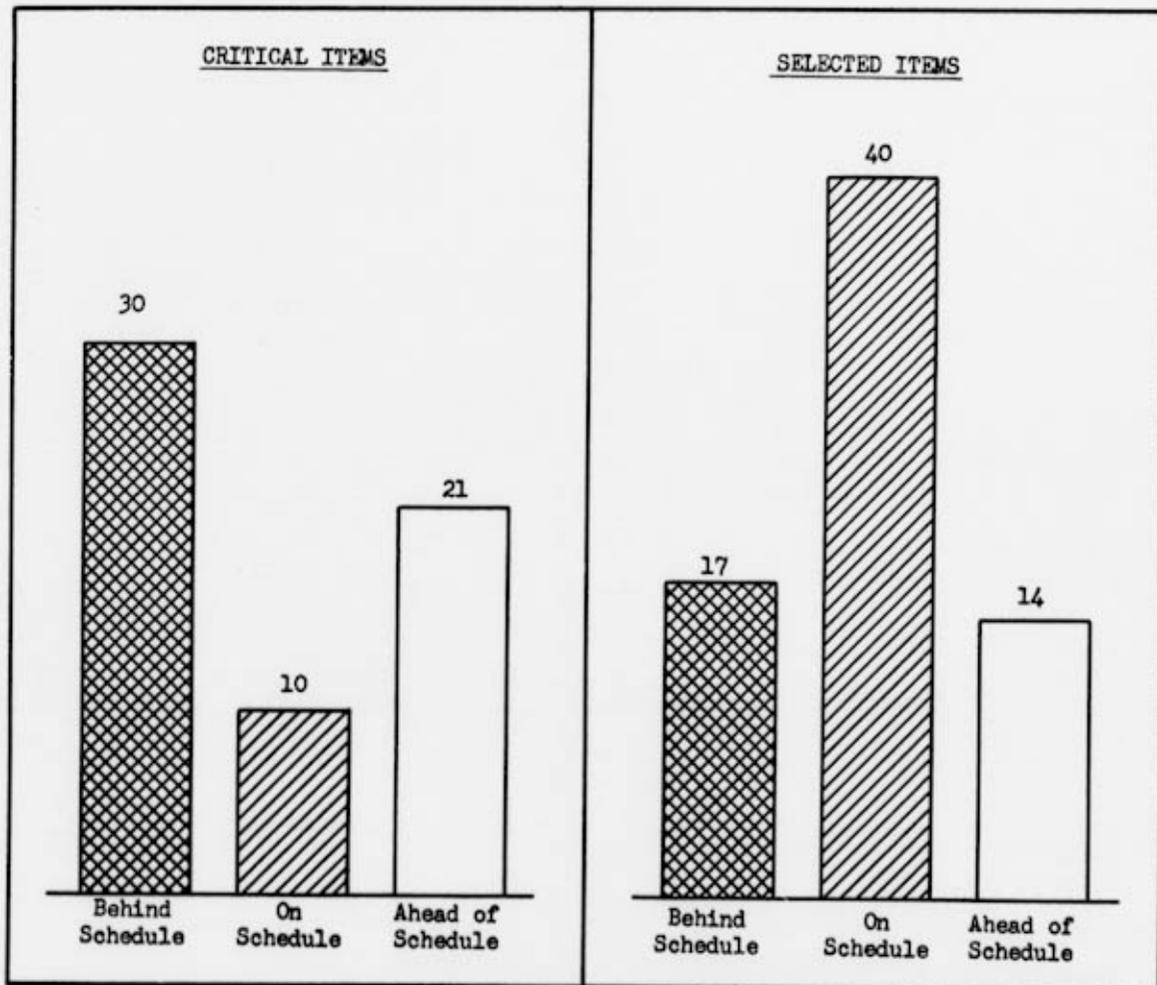
SEVENTY-ONE SELECTED ITEMS AND PERCENT CONTRACTED



MEDICAL DEPARTMENT - DELIVERY STATUS OF CRITICAL AND SELECTED ITEMS - JUNE 30, 1941

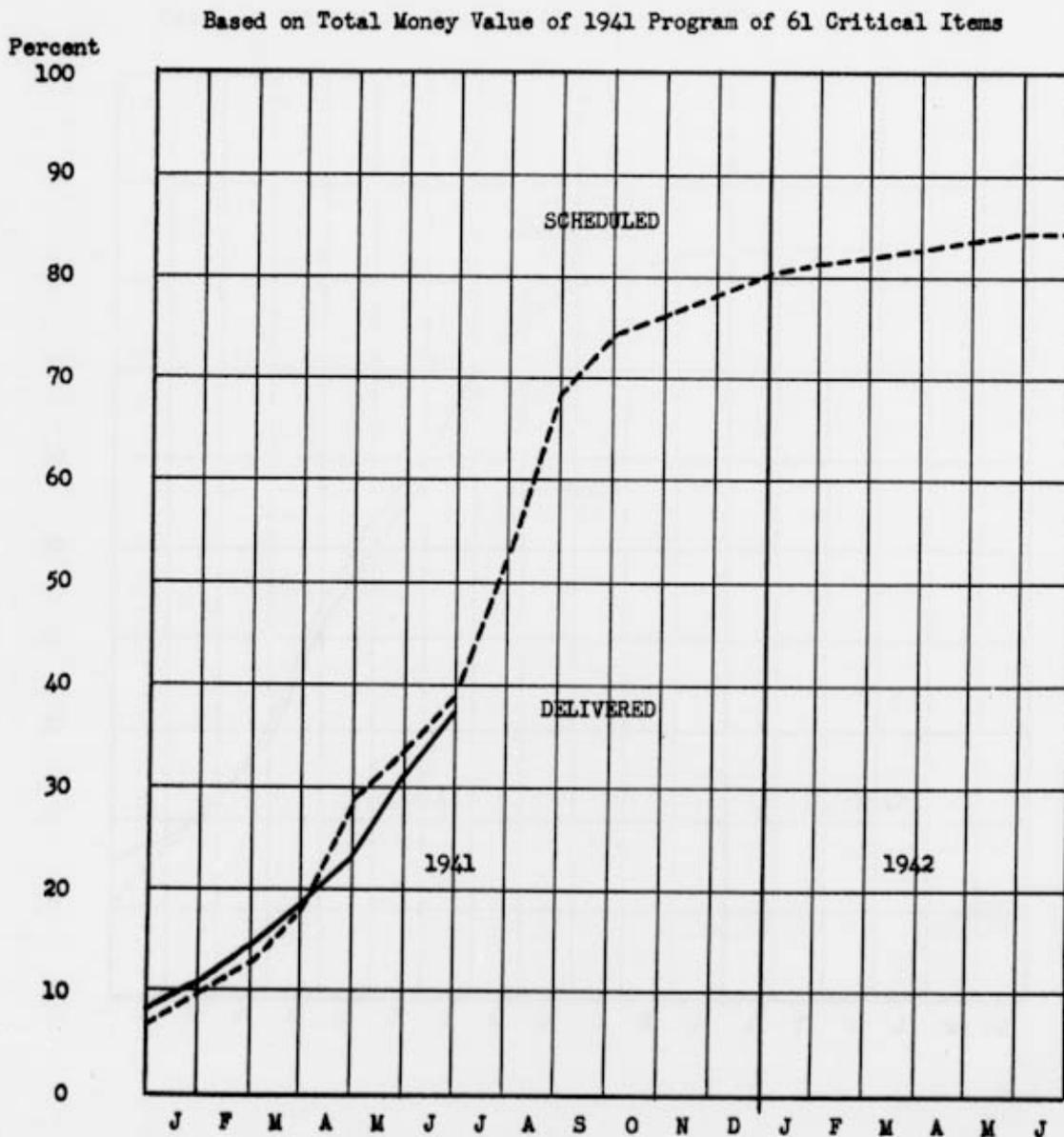
Source of Information: Medical Department Procurement Progress Reports

NUMBER OF ITEMS BEHIND, ON, AND AHEAD OF SCHEDULE



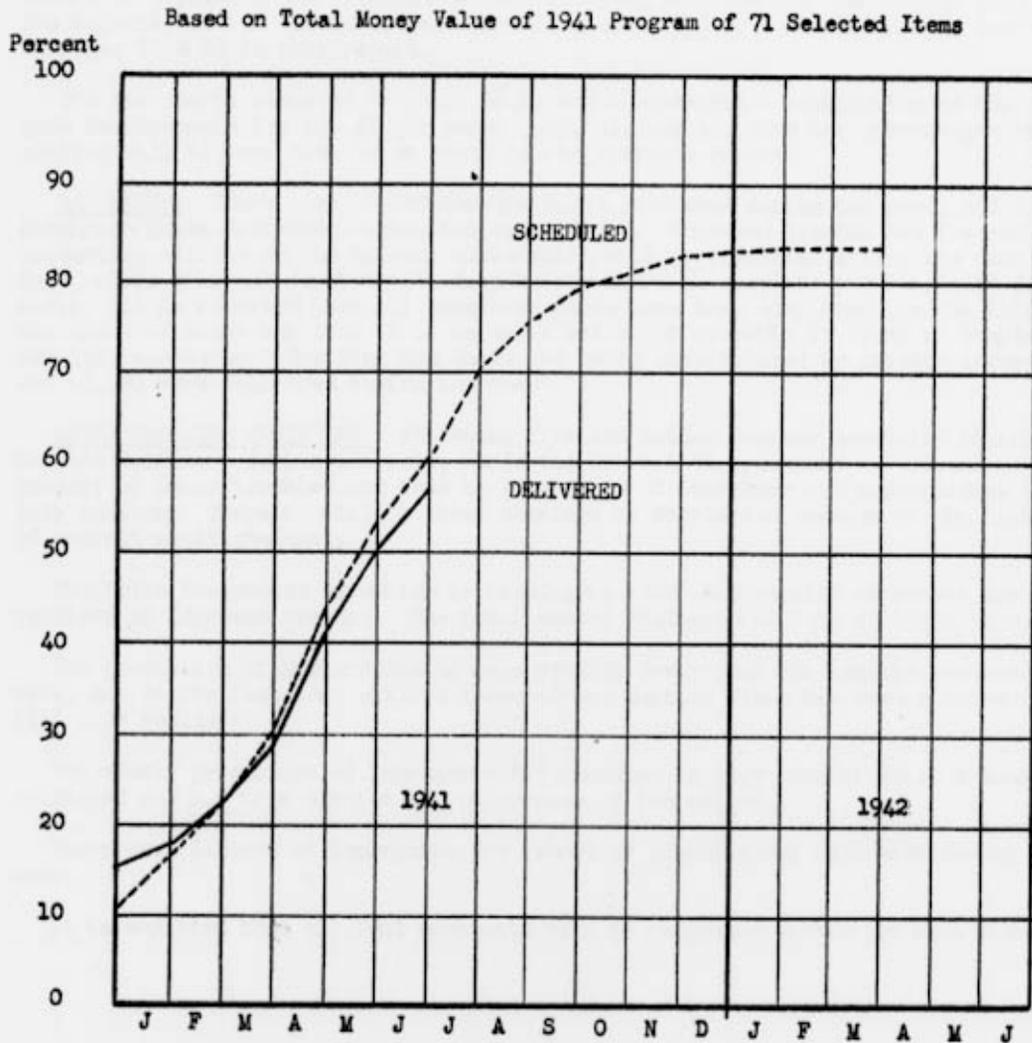
MEDICAL DEPARTMENT - PROCUREMENT PROGRESS - CRITICAL ITEMS - JUNE 30, 1941

Source of Information: Medical Department Procurement Progress Reports



MEDICAL DEPARTMENT - PROCUREMENT PROGRESS - SELECTED ITEMS - JUNE 30, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JULY 4, 1941

Source of Information: Chemical Warfare Weekly Reports

The Chemical Warfare Service has ended its Fiscal Year 1941 with a successful record of procuring the Chemical Warfare Materiel required for the Defense Program. The majority of its contracts have been completed, and its accomplishments are shown on pages 60 & 61 in this report.

The bar charts recorded on pages 62,3, and 4 represent a combination of the program requirements for the fiscal years 1940, 41, and 42; thus the percentages of completion will be less than those shown in the previous report.

GAS MASKS: There were 17,088 Service Masks delivered during the week, and 15,180 Diaphragm Masks delivered during the same period. Edgewood Arsenal has focused its production efforts on the Optical Masks which will be completed within the next 10 days, after which production will immediately start to complete the Diaphragm Gas Masks. It is reported that all component parts have been completed for the latter two types of Masks and thus it is merely a matter of assembly in order to complete the 1941 contracts. Training Gas Masks are being manufactured by private industry, and 46,793 were delivered during the week.

EXTRA GAS MASK CANISTERS: Firestone Tire and Rubber Company assembled 60,480 Service Canisters during the week, while the General Tire Company was closed down because of labor troubles and thus no production of Canisters was accomplished by this concern. There is still a grave shortage of Whetlerite because of the lack of coconut shell charcoal.

The White Phosphorus situation is tending to clear and regular shipments are being received at Edgewood Arsenal. The total amount delivered to date is 155.4 tons.

The production of Mustard Gas is considerably lower than the tonnage recorded last week, due to the fact that skilled labor of the Mustard Plant has been utilized to fill 4.2" shells.

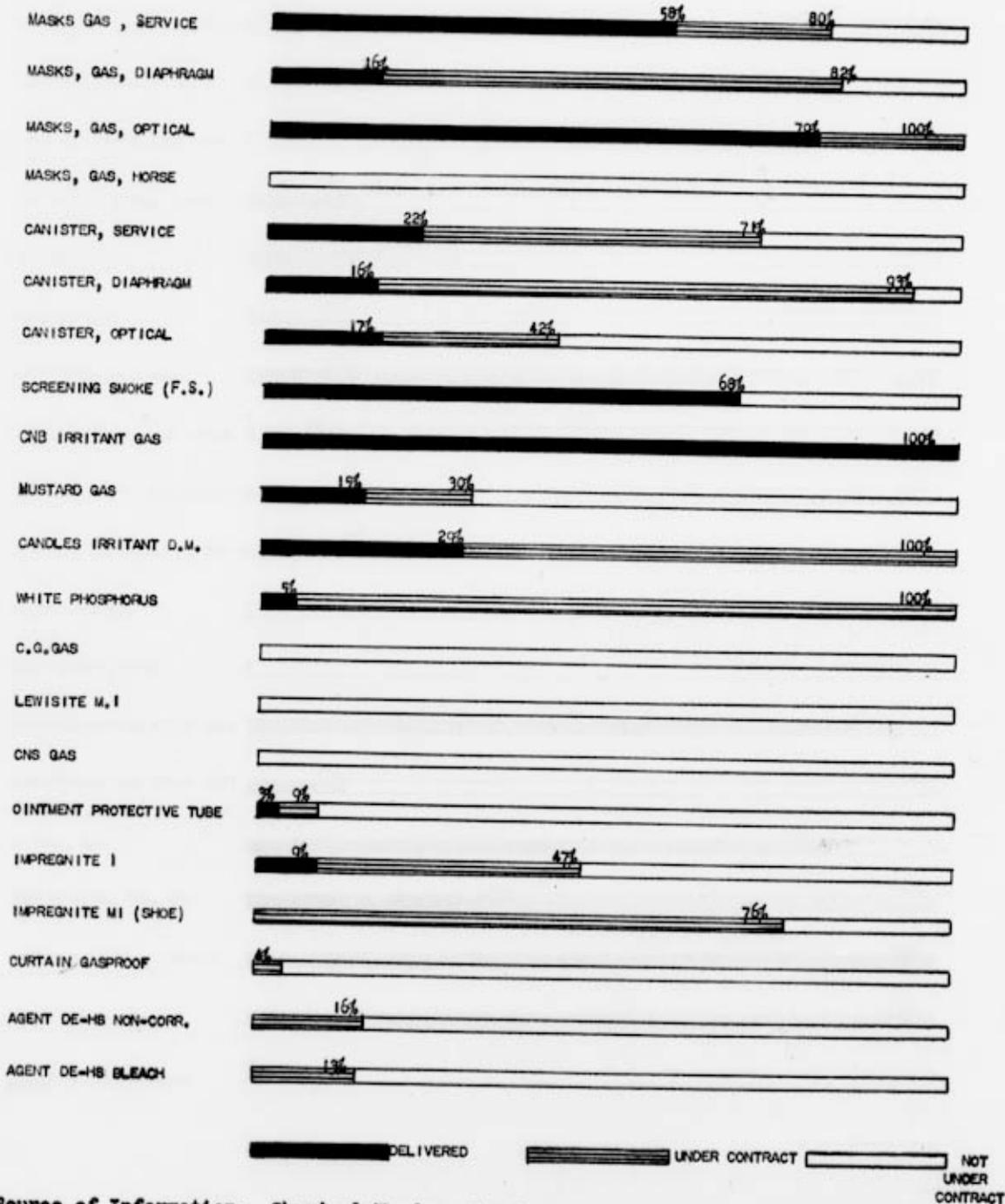
The weekly production of Impregrite "I" amounted to 11.9 tons of which 8 tons were delivered and 3.9 tons are now in the process of inspection.

There were 11 tons of Impregrite "S" (shoe) or 22,000 tubes delivered during the week.

It is expected that all 1941 contracts will be completed within the next few weeks.

PROGRESS OF DELIVERIES FISCAL YEARS 1940 41-42

Critical Items



Source of Information: Chemical Warfare Service

July 4, 1941

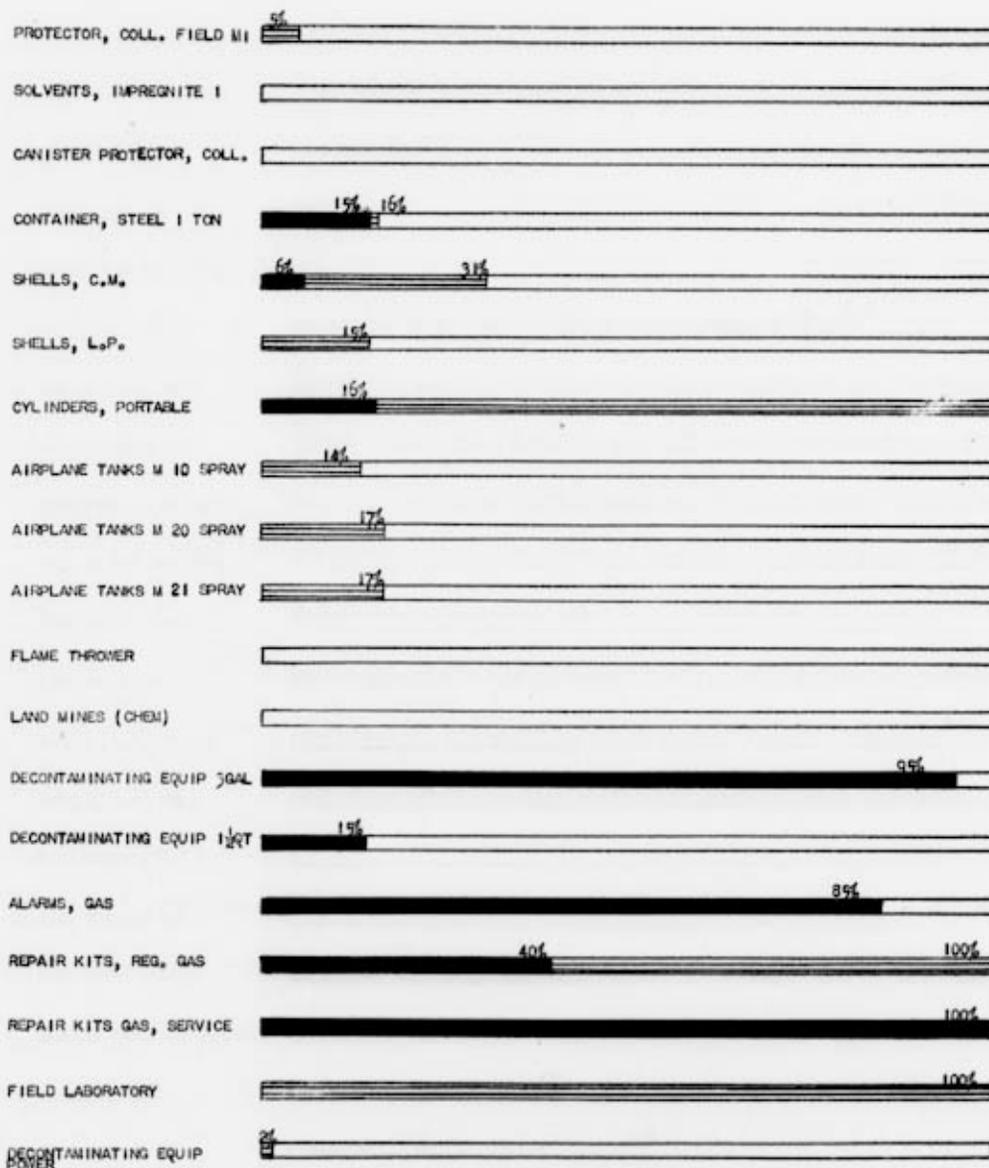
Chemical Warfare Service

60

STATISTICS BRANCH  
 CWSS - WAR DEPARTMENT

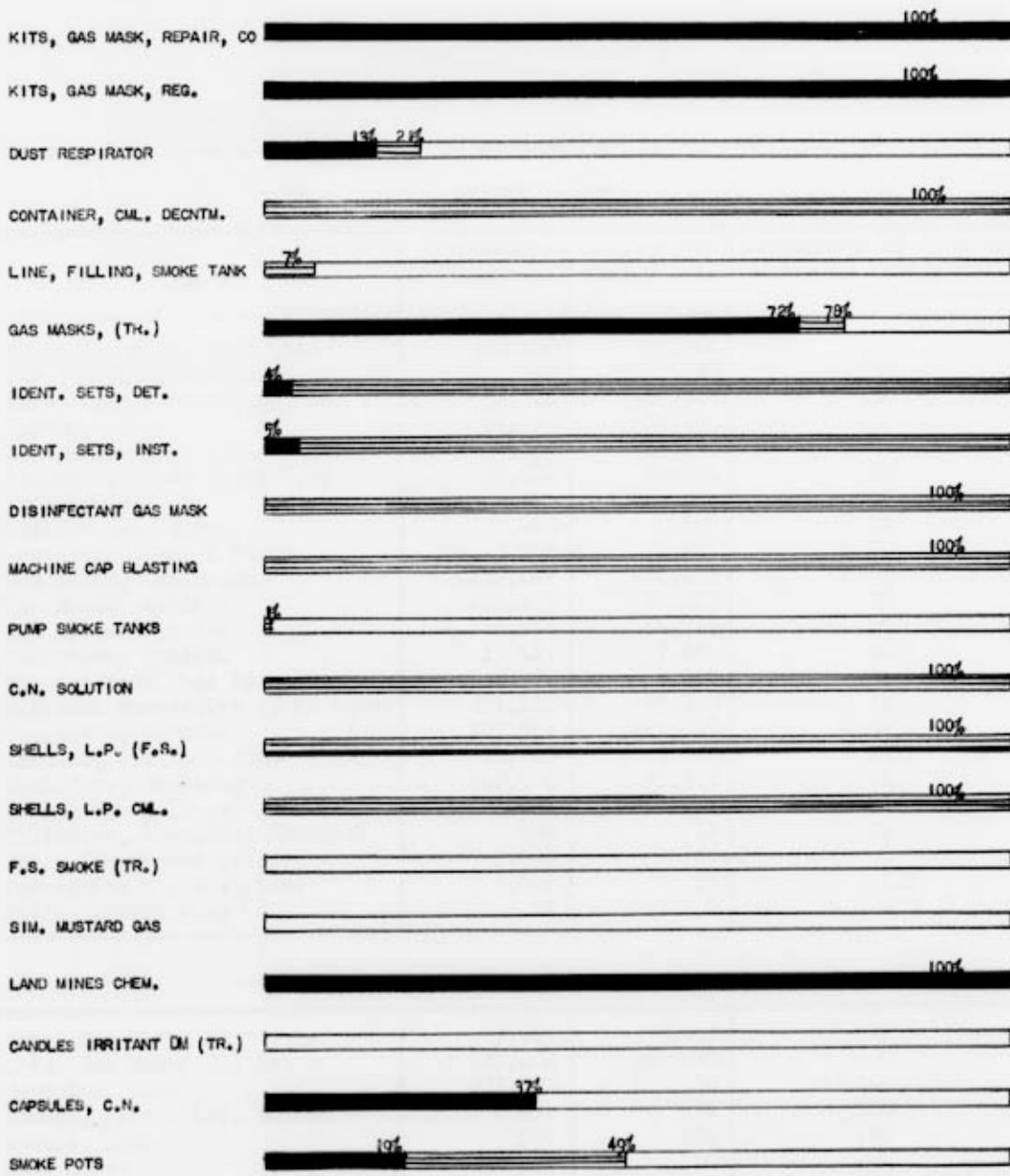
7-13-41

Critical Items (cont.)



DELIVERED
  UNDER CONTRACT
  NOT UNDER CONTRACT

Essential Items



DELIVERED
  UNDER CONTRACT
  NOT UNDER CONTRACT

PRODUCTION ACCOMPLISHMENTS

For  
Fiscal Year 1941

Source of Information: Chemical Warfare Service

CRITICAL ITEMS

Items	Production Program 1941	Deliveries During 1941	Percentage of Program Delivered During F.Y. 1941
Screening Smoke (F.S.)lbs	323,700	323,700	100
CNB (Irritant Gas)(tons)	89	89	100
Kits, Repair, Gas Mask, Co.	58,709	58,709	100
Alarms, Gas	29,174	29,174	100
Decontaminating Equip 3 gal	51,173	51,173	100
Decontaminating Equip 1½qt	16,074	16,074	100
Antidim (sets)	1,564,856	1,549,994	99
Mustard Gas (tons)	2,660	2,495	94
Container Steel 1 ton	3,042	2,804	92
Gas Masks, Diaphragm	1,110,099	874,425	79
Gas Masks, Optical	116,123	81,043	70
Gas Masks, Service	2,269,858	1,556,753	69
Canisters, Optical	19,417	7,854	40
Kits, Repair, Gas Mask, Reg't	2,971	1,056	36
Ointment Protective (3oz. tubes)	271,122	93,120	34
Canisters, Service	927,061	281,048	30
Candles, Irritant (DM)	11,030	2,600	24
Canisters, Diaphragm	448,600	78,521	18
Impregnite I (tons)	1,696	302.4	18
Cylinders, Portable, Chemical	586	92	16
White Phosphorus (tons)	3,034	155.415	5
Impregnite S (shoe)(tons)	3,648	55	1.5
Field Laboratories	8	0	0

ESSENTIAL ITEMS

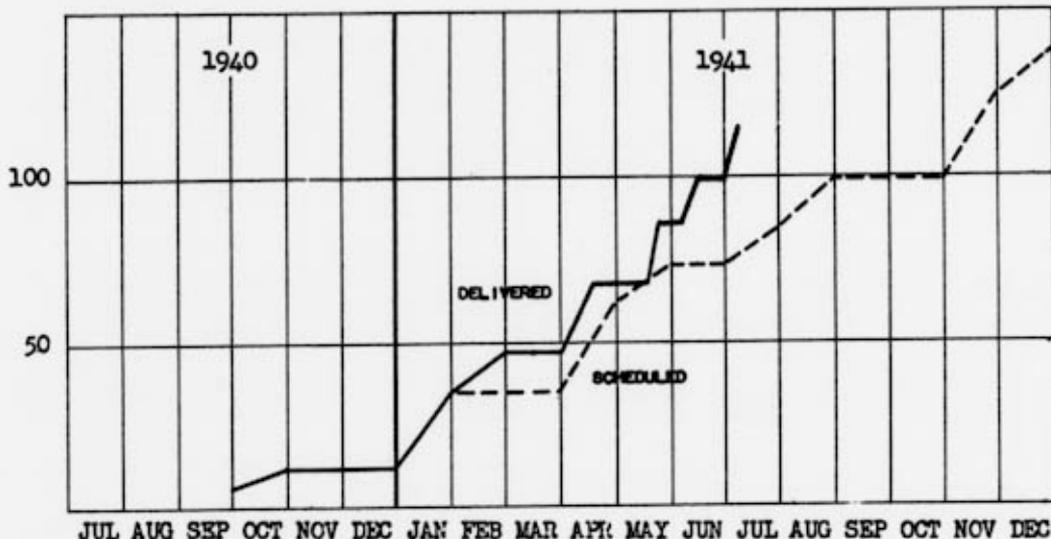
Kits, Gas Mask, Reg't. Tr.	3,965	3,965	100
Kits, Gas Mask, Co. Tr.	385,400	385,400	100
Capsules, C.N.	275,000	275,000	100
Gloves, Protective, Rubber	852	852	100
Aprons, Rubber	708	708	100
Land Mines	46,500	46,500	100
Gas Masks, Training	1,806,304	1,656,834	92
Dust Respirators	148,232	91,470	62
Smoke Pots	68,000	26,158	38
Identification Sets, Det.	1,002	210	21
Identification Sets, Inst.	1,647	210	13

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JULY 8, 1941

Source of Information: Office of the Chief of Coast Artillery

Group control panels, M-3

Program: 138



Delivery schedule

Harbor defense of:	1940				1941											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Boston	5#								4#							
Sandy Hook					23#											
Columbia River									7#							
Southern New York												4				
Portsmouth		6#														
Chesapeake Bay								28#								
Narragansett Bay											12#					
Portland												10#				
Delaware Bay															25*	
San Francisco Bay																14
Total scheduled	5	11	11	11	34	34	34	62	73	73	85	99	99	99	124	138
Actual deliveries	5	11	11	11	34	47	47	69	85	100						

# delivered

\* 21 of 25 delivered

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*PSF  
War*

# WEEKLY STATISTICAL REPORT

No. 3

**RELEASED**  
*Leonard P. Ayres*  
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DIRECTOR, STATISTICS BRANCH

# SUMMARY

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WAR DEPARTMENT

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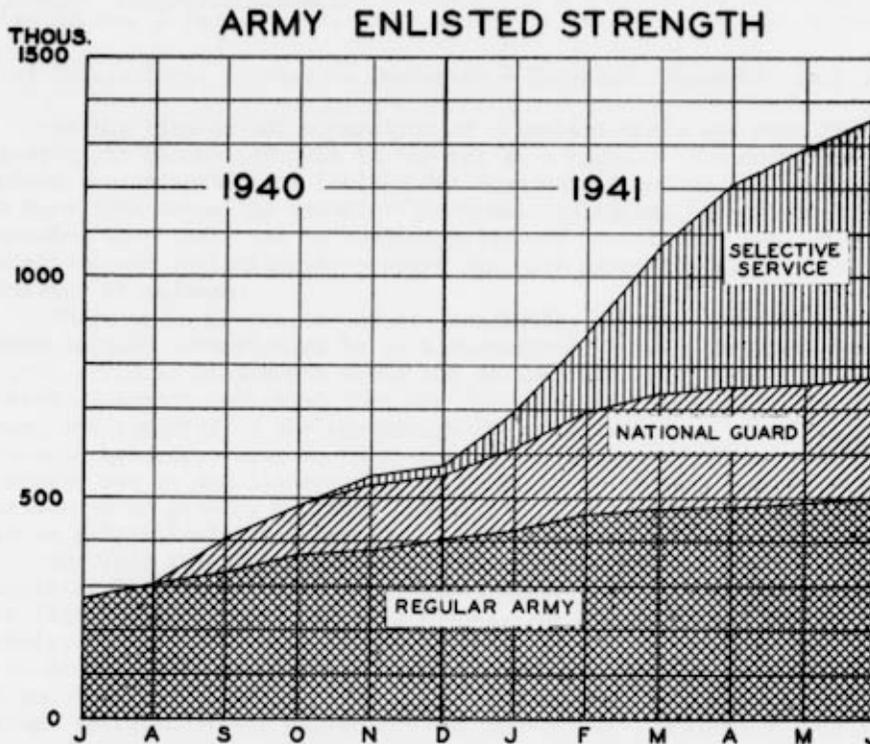
Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY

REPORT NO.3

JULY 19, 1941

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The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. The figures subsequent for May 15 are of necessity only approximations and are subject to change. They refer to enlisted strength as of the end of each month.

	Total		Total
July, 1940	268,941	Jan., 1941	693,578
Aug.	302,968	Feb.	873,667
Sept.	407,613	Mar.	1,068,030
Oct.	483,218	Apr.	1,205,873
Nov.	540,695	May	1,265,211
Dec.	573,520	June	1,355,000 (Est.)

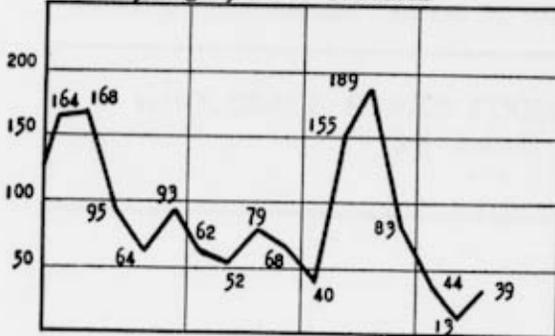
Source of Information: Statistics Branch, General Staff, July 9, 1941



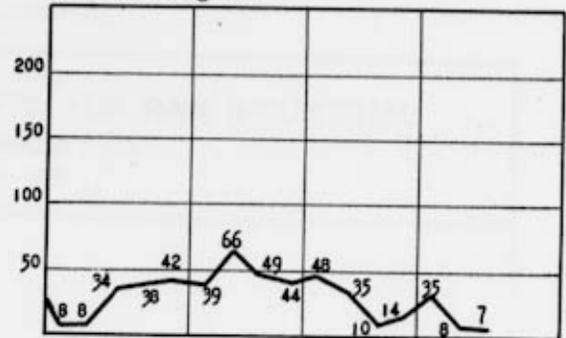
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company

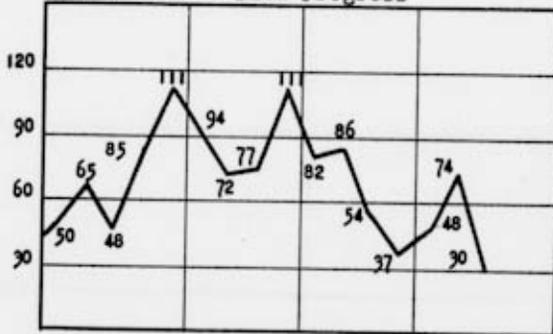
Hours, Wages, Labor Problems



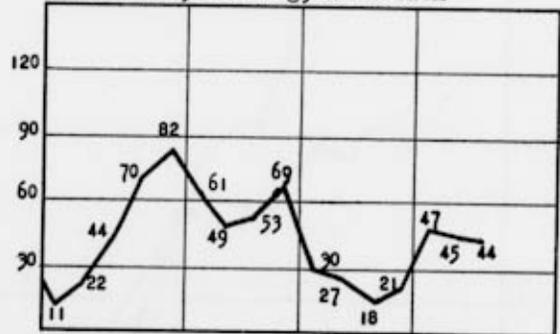
Aid for England



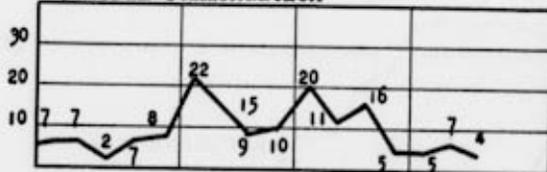
Criticism of Slow Progress



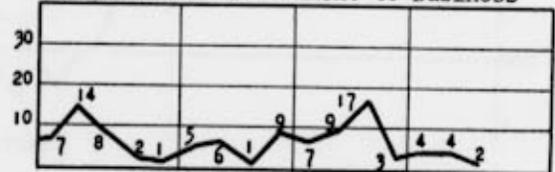
Economics, Banking, Inflation



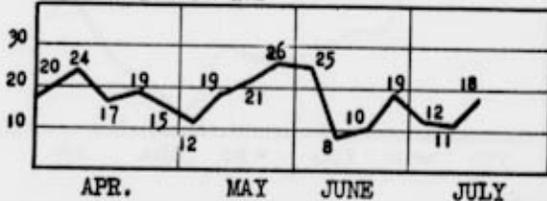
General Commendation



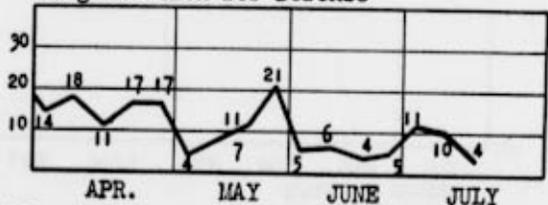
Relations of Government to Business



Trend Toward War



Organization for Defense

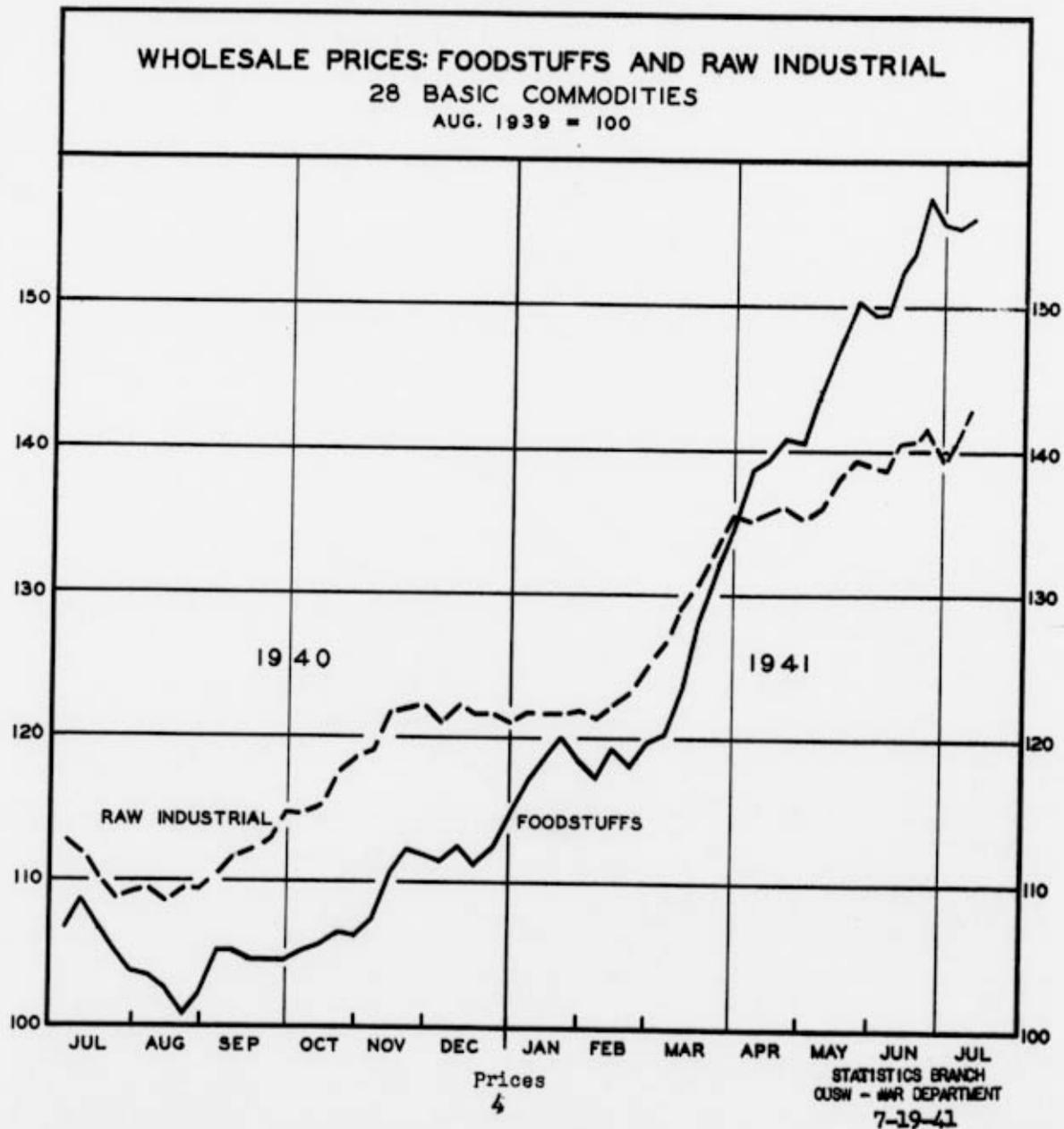


Editorial Comment

PRICES

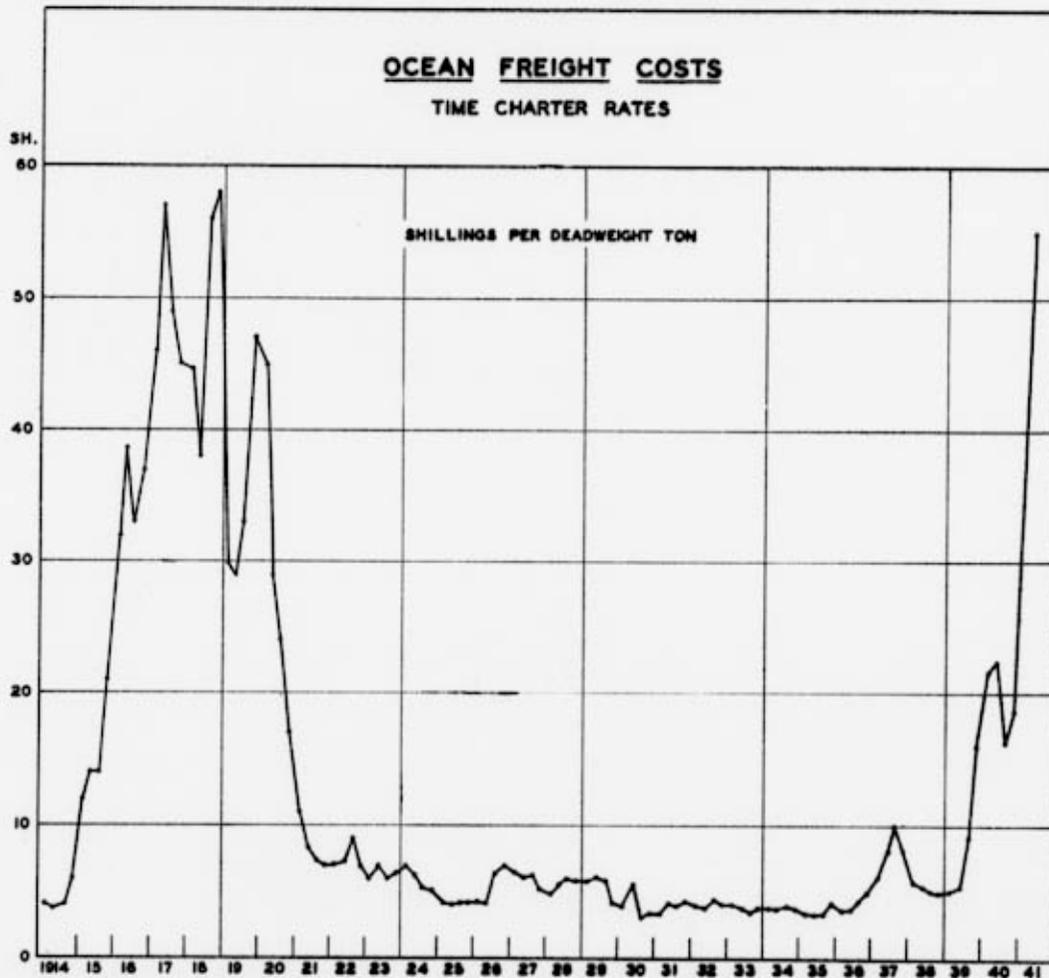
Basic commodity prices recovered all of the last two weeks decline and rose to a new high at the end of the week. The index is now 148.5 percent of the August, 1939 level. The index of foodstuffs which recovered to 156.1 had not yet reached the peak of 159.6 on June 27th. The index of raw industrial commodities, however, reached a new peak of 142.9.

Source of Information: Bureau of Labor Statistics



OCEAN FREIGHT RATES

Source of Information: Lloyd's List and Shipping Gazette, March 31, 1941



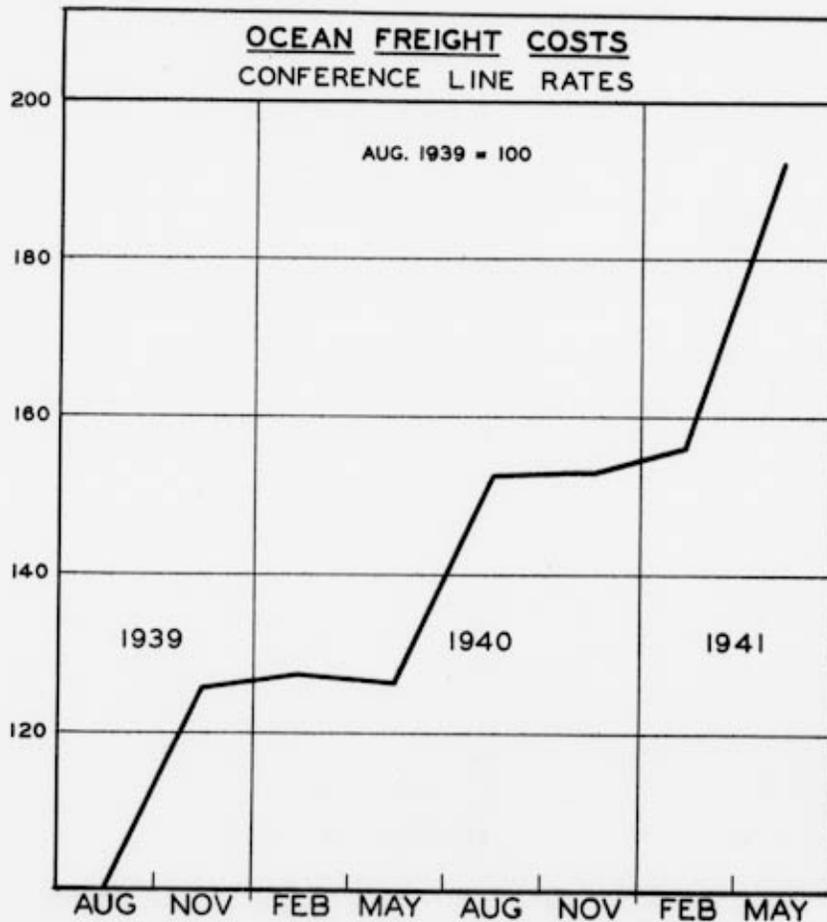
The rising costs of shipping goods over the ocean trade routes of the World are shown on the diagram above and on the following page. The most fundamental index of shipping costs is the price of hire for tramp vessel tonnage per month, "time charter rates." The present price condition parallels the extreme conditions of the World War. Conference line rates in peace time indicate the costs of high class liner service. Today bulk freight is also bidding for liner service. These shipping costs hamper and partly blockade World commerce.

OCEAN FREIGHT RATES

Source of Information: U. S. Maritime Commission

PORTS, to New York from: Malaya, Japan, India, West Africa, Brazil, Argentine.

COMMODITIES INCLUDED: Tin, Jute, Burlap, Shellac, Goatskins, Rubber, Cocoa, Coffee, Silk and Wool.



Ocean Freight Rates  
6

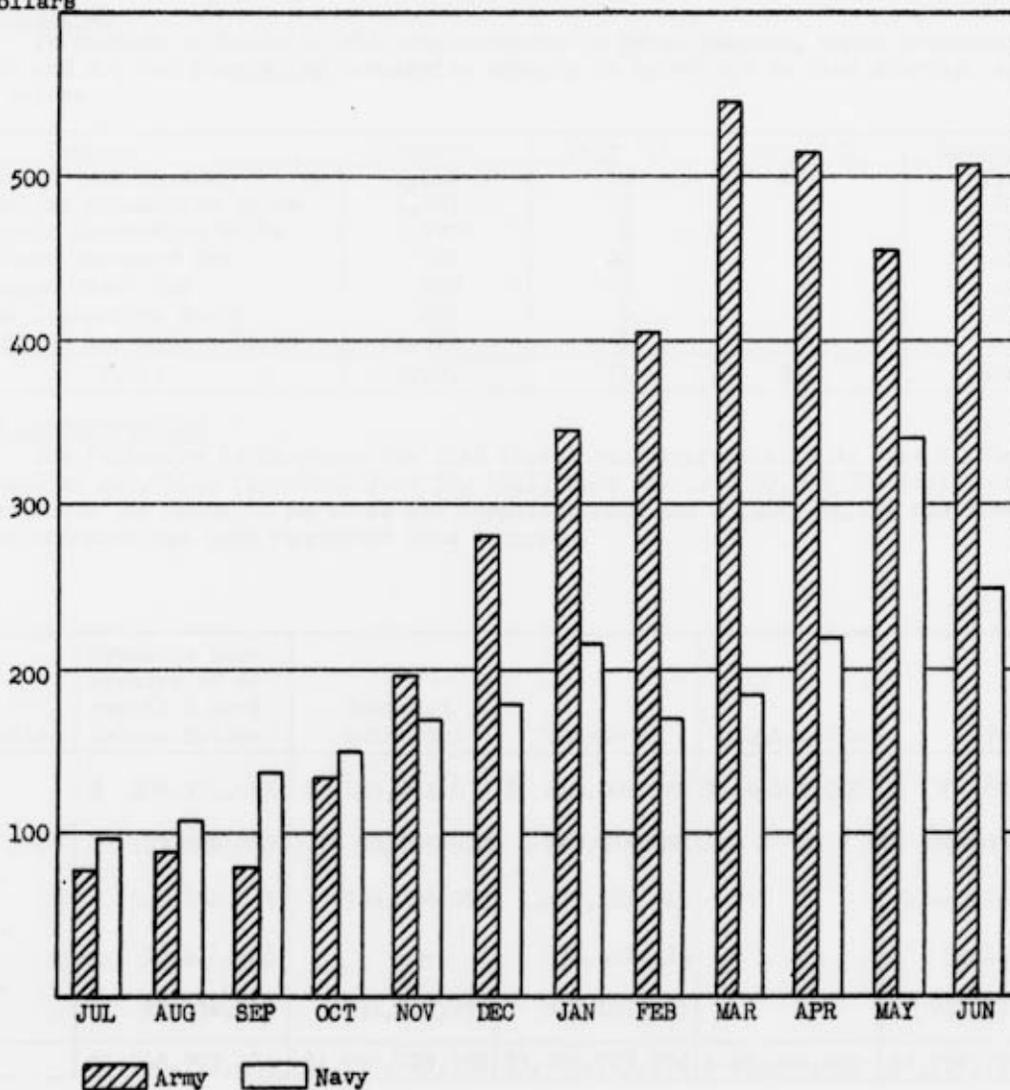
STATISTICS BRANCH  
O.S.H. - WAR DEPARTMENT  
7-19-41

ARMY AND NAVY EXPENDITURES BY MONTHS - F.Y. 1941

During the fiscal year, 1941 Army expenditures amounted to \$3,635,508,148.85 and the Navy expended \$2,216,823,162.80

Source of Information: U.S. Treasury Department

Millions  
of dollars



TEXT SUMMARY - JULY 19, 1941

Source of Information: Ordnance Department, O.P.M. and OUSW

GENERAL

The extreme changes from year to year in the appropriations for the Ordnance Department are shown in the diagram on page 9.

Comparison of the progress of monthly deliveries of 125 critical items of equipment currently being procured is indicated on page 10. Deliveries in June were scheduled for all but 15 items, and were behind schedule on 44 items and ahead of schedule on 42 items, with 24 items on schedule.

TANK, MEDIUM, M3

Production of hulls by all manufacturers in North America, under Ordnance, Defense Aid and British Purchasing Commission orders, is scheduled to rise sharply, as indicated below:

Company	Ordered	July '41	Nov. '41	Maximum
Detroit Tank Arsenal	2,852	10	125	350
American Locomotive Works	1,185	23	64	80
Baldwin Locomotive Works	1,370	8	40	75
Pullman Standard Car	500	22	45	45
Pressed Steel Car	500	7	40	40
Lima Locomotive Works	400	0	10	20
Montreal Locomotive Works	1,157	1	30	44
Total	7,964	71	354	654

ORDNANCE APPROPRIATIONS

The following table shows the 1941 fiscal year appropriations. The Military Appropriations Act, 1942 (approved June 30, 1941) made nearly \$300,000,000 additional funds available for Ordnance Services and Supplies, Army and \$3,486,034,036 additional funds for ordnance has been requested from Congress.

Appropriation	Ordnance Dept., Repairs of Ar- senals & Rock Island Bridge	Contract Authority	Sub-total	Liquidation	Total
Reg. Act 6/13/40	\$ 306,231,688	\$ 133,774,679	\$ 440,006,367	\$-46,000,000	\$ 394,006,367
1st Supp. 6/26/40	103,829,565	90,085,520	193,915,085		193,915,085
2nd Supp. 9/9/40	540,162,645	902,000,000	1,442,162,645		1,442,162,645
3rd Supp. 10/8/40	36,441,426	—	36,441,426		36,441,426
5th Supp. 4/5/41	82,132,100	831,065,751	913,197,851		913,197,851
Total	\$1,068,797,424	\$1,956,925,950	\$3,025,723,374	\$-46,000,000	\$2,979,723,374

APPROPRIATIONS FOR THE ORDNANCE DEPARTMENT - FISCAL YEARS 1910-41

Source of Information: Fiscal Division, Ordnance Department

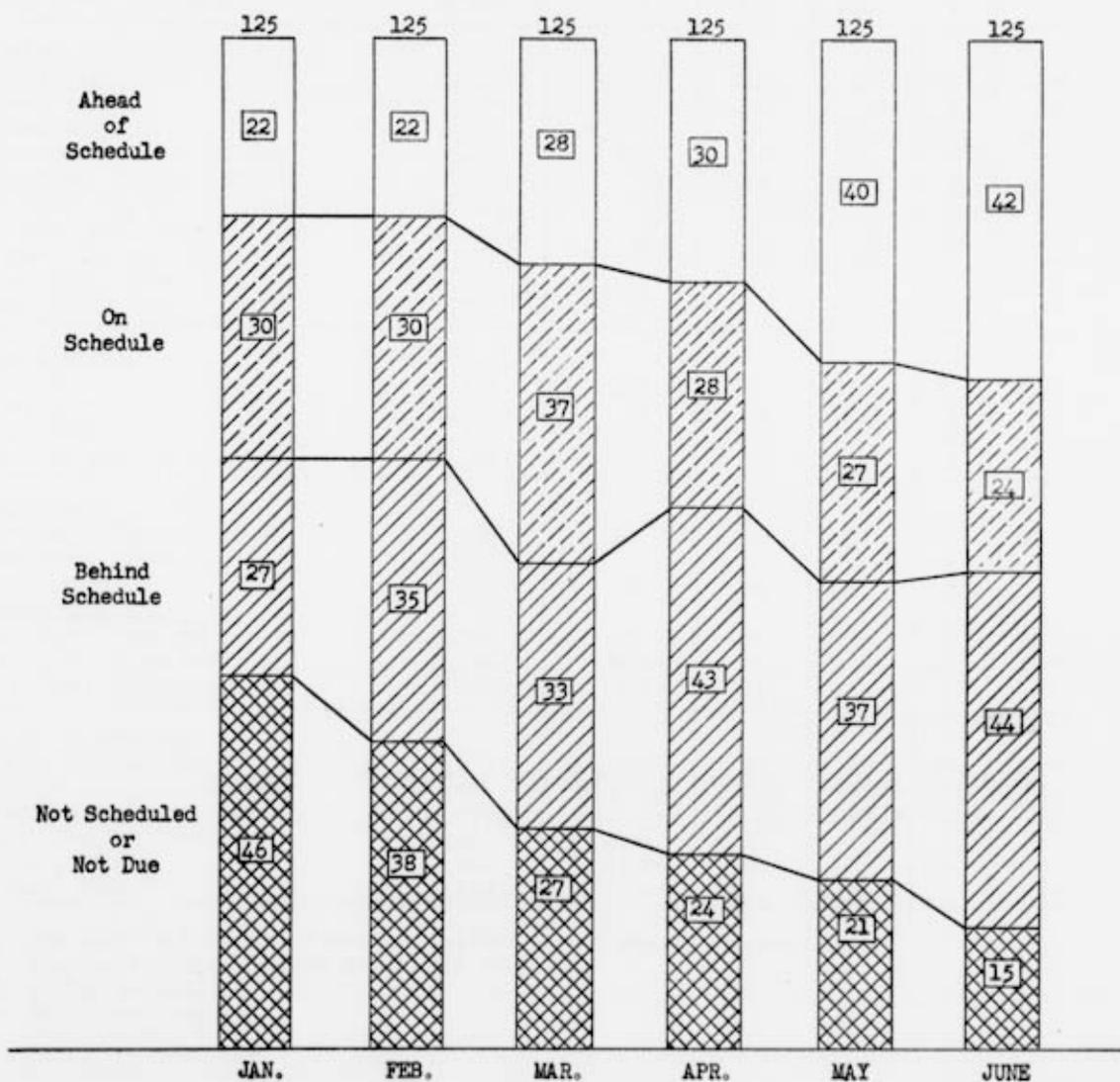
Perhaps the most extreme example of the change of phase from the quiet of peace to war activity takes place in the Ordnance Department. In the fiscal year 1941 appropriations for the Ordnance Department were 17 times as great as in 1940 and were only slightly under the war appropriations of the year 1918.

<u>Fiscal Year</u>	<u>Ordnance</u>
1910	\$ 10,093,856.00
1911	9,210,554.60
1912	8,794,475.00
1913	9,001,733.30
1914	9,503,641.00
1915	12,353,432.00
1916	14,947,110.00
1917	324,629,574.50
1918	3,103,599,681.86
1919	4,199,903,211.67
1920	20,805,634.79
1921	22,880,186.06
1922	13,425,960.00
1923	6,859,030.00
1924	5,812,180.00
1925	7,751,272.00
1926	7,543,802.00
1927	9,549,827.00
1928	12,179,856.00
1929	12,549,877.00
1930	11,858,981.00
1931	12,422,466.00
1932	11,121,567.00
1933	11,588,737.00
1934	7,048,455.00
1935	11,049,829.00
1936	17,110,301.00
1937	18,376,606.00
1938	24,949,075.00
1939	112,226,412.00
1940	176,546,788.00
1941	2,977,913,998.00

PROGRESS OF ORDNANCE DELIVERIES - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Equipment - Critical Items



TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

Item	Total procurement program	Delivered thru June 30	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,747**	100	100*	7	7**
Machine gun, cal.50	165,127	8,351**	100	100*	5	5**
Gun, 20mm, automatic	44,747	0	100	80	0	0
Gun, 37mm, automatic	2,188	33	100	100	1	2
<u>Combat Vehicles</u>						
Tank, light	4,090	1,028**	100	85	23	25**
Tank, medium	4,748	86**	100	53	1	2**
Scout car	2,733	2,633	100	100	100	96
Personnel carrier, 8-men	5,445	394	100	100	7	7
Personnel carrier, 13-man	4,302	5	100	91	3	-
Machine gun, cal.30 (Var.)	37,460a/	a/	a/	a/	a/	a/
Machine gun, cal.50 (H.B.)	8,025a/	a/	a/	a/	a/	a/
Submachine gun, cal.45	251,397	21,788**	98	98*	12	9**
Gun, 37mm, tank	8,427	1,421	72	71	15	17
Gun, 75mm, tank	2,764	50	100	71	-	2
<u>Antiaircraft</u>						
Gun, 3"	152	131	100	100	75	86
Gun, 90mm	1,271	1	95	75*	1	-
Gun, 37mm	3,195	424	100	100	12	13
Machine gun, cal.50 (W.C.)	14,168	668	84	100*	5	5
<u>Artillery</u>						
Howitzer, 75mm	958	118	100	100	10	12
Howitzer, 105mm	3,761	9	73	46	1	-
Gun, 155mm	492	17	100	68	3	3
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	487	100	100	35	37
Carriage, 155mm howitzer	1,436	846**	100	100	46	59**
Carriage, 155mm gun	660	62	100	100	9	9
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	202,626**	93	93*	20	22**
Machine gun, cal.30 (Var.)	113,850	31,175b/	100b/	90b/*	28b/	27b/
Machine gun, cal.50 (H.B.)	29,879b/	1,187b/	100b/	100b/*	4b/	4b/
Gun, 37mm, antitank	9,464	479	67	67	5	5
Mortar, 60mm	10,162	3,474**	100	100	30	34**
Mortar, 81mm	4,458	730**	100	77	15	16**

a/ Included in Infantry Armament. Deliveries not reported separately.

b/ Figures include Armament for Combat Vehicles.

\* Partly tentative.

\*\* Delivered thru July 8.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - JULY 16, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Initial Requirements 1,725,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements							
			%	0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	28,792	8,645	30							
Machine gun, cal.50,fix.&fl.	55,344	4,031	7							
Gun, 20mm, automatic A.C.	1,691	0	0							
Gun, 37mm, automatic A.C.	1,475	53	4							
<u>Combat Vehicles</u>										
Tank, light	2,313	527	23							
Tank, medium	1,041	92	9							
Scout car	2,028	2,692	133							
Personnel carrier, 8-man	3,336	316	9							
Personnel carrier, 13-man	4,575	0	0							
Machine gun, cal.30 (Var.)	31,070a/	a/	-							
Machine gun, cal.50 (H.B.)	5,485a/	b/	-							
Submachine gun, cal.45	24,981	10,745	43							
Gun, 37mm, tank	3,434	847	25							
Gun, 75mm, tank	792	2	1							
<u>Antiaircraft</u>										
Gun, 3"	} 1,192	492	} 41							
Gun, 90mm		0								
Gun, 37mm, A.A.	2,745	362	13							
Machine gun, cal.50 (W.C.)	13,625	854	6							
<u>Artillery</u>										
Gun, 75mm (H.S.)	884	602	68							
Howitzer, 75mm, field & pack	213	198	93							
Howitzer, 105mm	1,952	57	3							
Gun, 155mm	43	4	9							
Gun, 155mm (H.S.)	657	144	22							
Howitzer, 155mm (H.S.)	744	1,102	148							
<u>Unmodified &amp; other models</u>										
Gun, 75mm	--	2,838	-							
Gun, 155mm	--	825	-							
Howitzer, 155mm	--	907	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto	702,880	211,373	30							
Machine gun, cal.30 (Var.)	50,623	25,185	50							
Machine gun, cal.50 (H.B.)	14,252	1,929	14							
Gun, 37mm, antitank	4,693	694	15							
Mortar, 60mm	4,876	3,005	62							
Mortar, 81mm	2,460	825	34							

a/ Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - TACTICAL EQUIPMENT - JULY 16, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Total Requirements 3,000,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements	
			%	
<u>Aircraft Armament</u>				
Machine gun, cal.30,fix.&fl.	39,463	8,645	22	
Machine gun, cal.50,fix.&fl.	135,263	4,031	3	
Gun, 20mm, automatic A.C.	4,903	0	0	
Gun, 37mm, automatic A.C.	2,880	53	2	
<u>Combat Vehicles</u>				
Tank, light	4,414	527	12	
Tank, medium	2,668	92	3	
Scout car	3,944	2,692	77	
Personnel carrier, 8-man	7,105	316	4	
Personnel carrier, 13-man	5,989	0	0	
Machine gun, cal.30 (Var.)	62,195 <sup>a/</sup>	<sup>a/</sup>	-	
Machine gun, cal.50 (H.B.)	11,704 <sup>a/</sup>	<sup>a/</sup>	-	
Submachine gun, cal.45	39,174	10,745	28	
Gun, 37mm, tank	7,272	847	12	
Gun, 75mm, tank	2,764	2	1	
<u>Antiaircraft</u>				
Gun, 3"	] 1,795	492	27	
Gun, 90mm		0		
Gun, 37mm, A.A.	3,880	362	9	
Machine gun, cal.50 (W.C.)	16,938	854	5	
<u>Artillery</u>				
Gun, 75mm (H.S.)	1,471	602	41	
Howitzer, 75mm, field & pack	267	198	74	
Howitzer, 105mm	3,215	57	2	
Gun, 155mm	249	4	2	
Gun, 155mm (H.S.)	909	144	16	
Howitzer, 155mm (H.S.)	1,041	1,102	106	
Unmodified & other models				
Gun, 75mm	-	2,838	-	
Gun, 155mm	-	825	-	
Howitzer, 155mm	-	907	-	
<u>Infantry Armament</u>				
Rifle, cal.30, M1, semiauto	1,279,751	211,373	17	
Machine gun, cal.30 (Var.)	96,649	25,185	26	
Machine gun, cal.50 (H.B.)	29,243	1,929	7	
Gun, 37mm, antitank	8,112	694	9	
Mortar, 60mm	7,589	3,005	40	
Mortar, 81mm	4,327	825	19	

a/ Included in Infantry Armament

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program (THOUSANDS)	Delivered thru June 30 (THOUSANDS)	Percent of total program			
			Contracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	28	94	94	2	2
Bomb, demo., 100#, 300#, 500#	1,315	56	47	47	5	4
Bomb, demo., 1000#	15	2	72	72	0	12
Bomb, g & s, 30#, 100#	376	3	16	16	1	1
Shot & shell, 20mm	32,502	0	0	0	0	0
Shell, H.E., 37mm	1,890	59	65	65	3	3
Flares	874	147	30	30	22	17
Signals	2,057	561	33	33	27	27
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	12,786	22	19	19	-	-
Shell, 3", H.E.	2,267	69	57	57	4	3
Shell, 90mm, H.E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	97	86	86	7	7
Shell, g & s, 75mm gun	1,108	5	98	98	-	-
Shot, A.P., 75mm gun	3,956	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	216	59	59	5	5
Shell, H.E., 105mm how.	11,793	62	8	8	-	-
Shell, H.E., 155mm gun, M1	1,001	0	16	16	0	0
Charge, prop., 155mm gun	446	82	80	80	18	18
Shell, H.E., 155mm how.	4,299	5	36	36	-	-
Shell, g & s, 155mm how.	1,224	261	66	66	23	21
Charge, prop., 155mm how.	5,753	656	69	69	12	11
Primer, 21 gr.	8,153	299	82	82	4	4
Fuzes (All)	11,777	3,053	49	49	26	26
<u>Infantry</u>						
Cartridge, cal.30	4,166,444	404,520**	91	91*	9	10**
Links, met. belt, cal.30	1,011,225	82,323	81	81*	9	8
Cartridge, cal.45	606,476	115,736	100	100*	18	19
Cartridge, cal.50	905,459	48,697**	94	94*	5	5**
Links, met. belt, cal.50	2,444,921	40,313	89	89*	2	2
Shot & shell, 37mm	28,688	229	13	13	1	1
Shell, H.E., 60mm	8,882	33	31	31	-	-
Shell, H.E., 81mm	3,764	116	3	3	3	3
Shell, smoke, 81mm	426	0	0	0	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signal, ground	3,215	327	53	53	13	10
Mine, antitank	2,050	0	2	2	0	0

\* Partly tentative

\*\* Delivered thru July 8, 1941

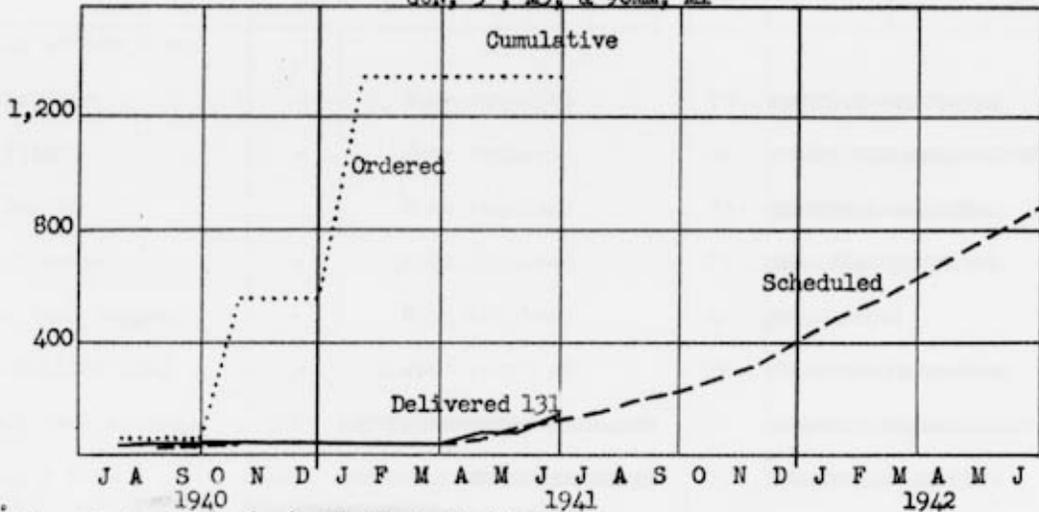
Ordnance

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ANTI-AIRCRAFT - JUNE 30, 1941

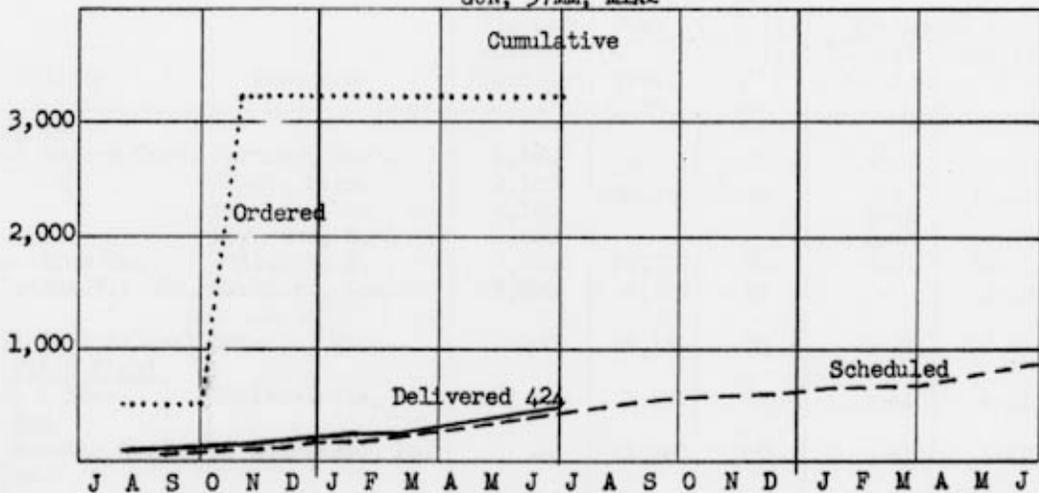
Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

GUN, 3", M3, & 90MM, M1



	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
	1940						1941						1942											
CUM.																								
ORDERED	.5	.5	.5	6	6	6	14	14	14	14	14	14												
DELIVERED	.2	.3	.4	.4	.4	.4	.4	.4	.4	.7	.7	1												
SCHEDULED	.2	.3	.4	.4	.4	.4	.4	.4	.4	6	1	1	2	2	2	3	3	4	5	6	6	7	8	9

GUN, 37MM, M1A2



	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
	1940						1941						1942											
CUM.																								
ORDERED	5	5	5	32	32	32	32	32	32	32	32	32												
DELIVERED	.6	.8	.9	1	1	2	2	2	2	3	3	4	4											
SCHEDULED	.5	.7	.9	1	1	2	2	2	2	3	3	4	6	5	5	6	6	6	6	6	7	7	8	9

NEW FACILITIES - PROGRESS AS OF JUNE 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered								
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp.														
Saginaw	-							75						
Flint	-							87						
Dayton	-							75						
Syracuse	-							75						
Savage Arms Company	-							44						
Colt (Machine Gun)	-							79						
Detroit Tank Arsenal	100							35						
Disston & Sons	100							75						
Mesta Machine Co.	-							90						
Colt (37mm Gun)	-							68						
Bendix Aviation Corp.	100							99						

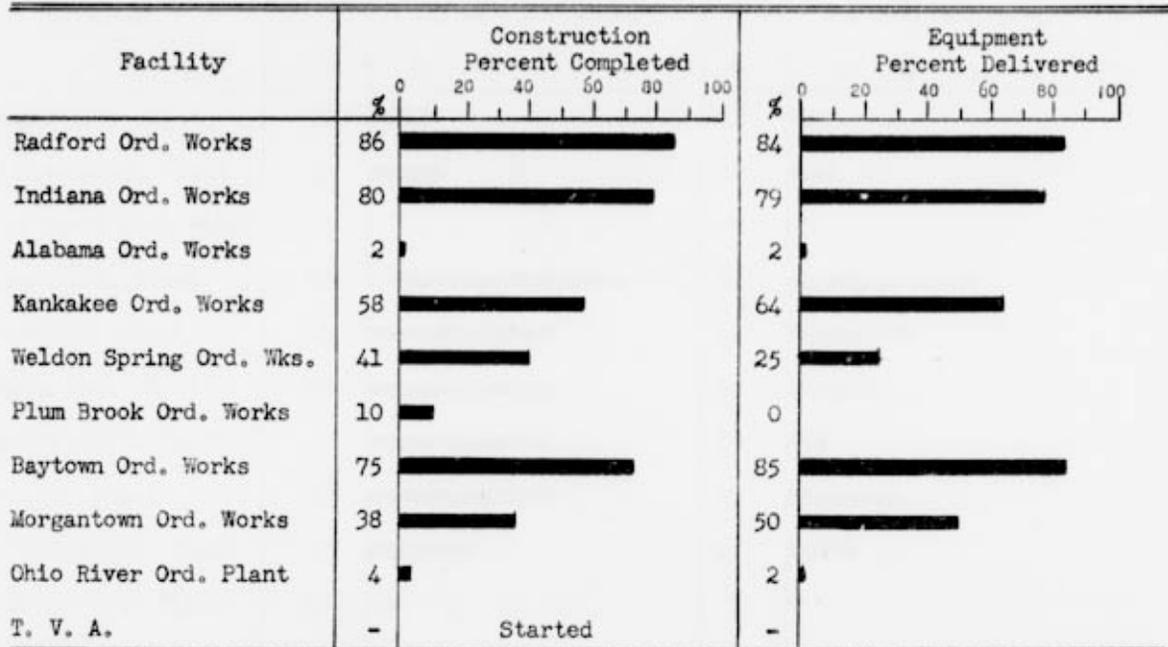
Facility	Location	Planned Capacity (Monthly)	Estimated Cost June 15, 1941		Estimated Month		
			Total (Thous.)	% Obli- gated	Initial Operation	Completion of Plant	
<u>Machine Gun</u>							
General Motors Corp.	Saginaw, Mich.	1,680			4-41	*	
	Flint, Mich.	2,100	\$20,251	82	4-41	*	
	Dayton, Ohio	2,100			6-41	12-41	*
	Syracuse, N. Y.	840			8-41	*	
Savage Arms Co.	Utica, N. Y.	3,200			7-41	12-41	* <del>o</del>
Colt Patent F.A. Co.	Hartford, Conn.	3,800	4,818	69	-	1-42 *	
<u>Tank</u>							
Detroit Tank Arsenal	Detroit, Mich.	100	18,131	89	7-41	10-41 <del>o</del>	
<u>Armor Plate Plant</u>							
Disston & Sons	Philadelphia, Pa.	483 Tons	1,192	98	4-41	4-41	
<u>155mm Gun</u>							
Mesta Machine Co.	W. Homestead, Pa.	44	1,780	95	5-41	1-42 * <del>o</del>	
<u>37mm Gun</u>							
Colt Patent F.A. Co.	Hartford, Conn.	200	3,940	87	-	3-42 *	
<u>20mm Gun</u>							
Bendix Aviation Corp.	Elmira, N. Y.	200	1,000	-	4-41	8-41 <del>o</del>	

\* Plant equipment only.

~~o~~ Full operation.

NEW FACILITIES - PROGRESS AS OF JUNE 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly <small>(THOUS.-TONS)</small>	Estimated Cost June 15, 1941		Estimated Month	
			Total <small>(THOUS.)</small>	% Obligated	Initial Operation	Completion of Plant
<u>Smokeless Powder</u>						
Radford Ord. Works	Radford, Va.	3.8	\$ 52,500	91	3-41	8-41
Indiana Ord. Works	Charlestown, Ind.	7.8	114,700	78	4-41	12-41
Alabama Ord. Works	Sylacauga, Ala.	3.8	49,453	32	5-42	4-42
<u>T.N.T. &amp; D.N.T.</u>						
Kankakee Ord. Works	Wilmington, Ill.	7.7	48,103	63	5-41	12-41
Weldon Spring Ord. Wks	Weldon Spring, Mo.	3.3	34,035	28	10-41	9-41
Plum Brook Ord. Works	Sandusky, Ohio	3.1	33,104	11	11-41	2-42
<u>Toluol</u>						
Baytown Ord. Works	Baytown, Texas	2,446*	12,417	67	7-41	9-41
<u>Ammonia</u>						
Morgantown Ord. Works	Morgantown, W. Va.	8.1	40,932	42	11-41	5-42
Ohio River Ord. Plant	W. Henderson, Ky.	4.5	14,721	13	-	8-42
T. V. A.	Muscle Shoals, Ala.	4.5	--	-	11-41	3-42 <sup>φ</sup>
<u>Ammonium Nitrate</u>						
T. V. A.	Muscle Shoals, Ala.	9.0	9,425	-	9-41	3-42 <sup>φ</sup>

\* Gallons  
<sup>φ</sup> Full Operation

NEW FACILITIES - PROGRESS AS OF JUNE 30, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed						Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
Hoosier Ord. Plant	22							18						
New River Ord. Plant	27							17						
Coosa River Ord. Plant	1							0						
Gadsden Ord. Plant	83							62						
Elwood Ord. Plant	62							42						
Ravenna Ord. Plant	60							30						
Kingsbury Ord. Plant	60							15						
Iowa Ord. Plant	61							39						
Wolf Creek Ord. Plant	37							25						
St. Louis Ord. Plant	13							3						
Lake City Ord. Plant	47							4						
Denver Ord. Plant	58							1						

Facility	Location	Planned Capacity Monthly (THOUSANDS)	Estimated Cost June 15, 1941		Estimated Month	
			Total (THOUSANDS)	% Obligated	Initial Operation	Completion of Plant
<u>Bag Loading</u>						
Hoosier Ord. Plant	Charlestown, Ind.	4.1 Tons	\$20,382	28	-	9-41
New River Ord. Plant	Pulaski, Va.	2.7 Tons	11,850	57	-	9-41
Coosa River Ord. Plant	Sylacauga, Ala.	2.7 Tons	11,736	-	-	11-41
<u>Shell Mach. &amp; Forging</u>						
Gadsden Ord. Plant	Gadsden, Ala.	210	6,520	76	10-41	12-41
<u>Shell Loading</u>						
Elwood Ord. Plant	Wilmington, Ill.	3 Lines	31,910	72	7-41	9-41
Ravenna Ord. Plant	Ravenna, Ohio	3 Lines	40,158	67	7-41	1-42
Kingsbury Ord. Plant	LaPorte, Ind.	5 Lines	36,075	44	8-41	11-41
Iowa Ord. Plant	Burlington, Ia.	3 Lines	36,580	50	9-41	9-41
Wolf Creek Ord. Plant	Milan, Tenn.	4 Lines	23,756	55	8-41	2-42
<u>Small Arms Ammunition</u>						
St. Louis Ord. Plant	St. Louis, Mo.	80,000 Rds.	98,187	22	7-41	9-41 <sup>o</sup>
Lake City Ord. Plant	Lake City, Mo.	65,000 Rds.	29,942	74	6-41	9-41 <sup>o</sup>
Denver Ord. Plant	Denver, Colo.	100,000 Rds.	31,877	63	8-41	2-42 <sup>o</sup>

<sup>o</sup> Full Operation.

TEXT SUMMARY - PROJECT AIRPLANES BEHIND CONTRACT SCHEDULE - JUNE 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Production of B-17E heavy bombers by Boeing is seriously behind on account of poor scheduling of raw material deliveries, principally aluminum. Non-receipt of required machine tools, labor shortages, and poor deliveries from subcontractors of items such as fittings, bomb doors, and air ducts are also serious causes of delay. Consolidated's B-24 type is principally retarded by the setting up of a new production line and engineering changes.

Shortages of aluminum and subcontracted items plus labor difficulties seriously hampered North American's June medium bomber production. At the end of June, Martin had 75 medium bombers in storage pending receipt and installation of the modified landing gear. This company also reports difficulties in obtaining hydraulic units, electric turrets, and government furnished equipment.

Delivery of light bombers by Douglas is principally hampered by engine and turbo cooling difficulties, which will have to be corrected before its A-20 model can pass flight tests.

Engineering failures in the P-38 retard Lockheed fighter acceptances. Leaking gas tanks have developed in this model during flight tests, and installations of leak-proof gas tanks in the D and E models have not been satisfactory. Bell is still badly behind in its deliveries of pursuit interceptors. Shortage of engines has been a main factor for this delay, and now in addition, new modernized wings built to accommodate a new type gasoline tank are to be installed on all P-39's. Republic articles are incomplete on account of poor planning in regard to scheduling and ordering of materials and parts.

Vultee continues to lag in its output of observation airplanes. Improper coordination of manufacturing activities at its Nashville plant, lack of raw materials, and numerous engineering changes have all been adverse forces in this instance. Deliveries of observation units from Curtiss are overdue on account of design and engineering modifications and current priority being given British orders for P-40's.

Deliveries of transports from Beech are getting under way slowly because of inept planning of production.

Shortage of propellers, numerous engineering changes, and improper scheduling of requirements from subcontractors retard delivery of Ryan primary trainers. Production of advance trainers, 2-engines, is also generally behind schedule. Beech is critically behind on account of design changes. Curtiss has had considerable personnel difficulty at its St. Louis plant, which is producing advance trainers. It is understood that the supply of skilled workers is exhausted in the St. Louis area, and that there is considerable competitive hiring between defense industries there.

AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - JUNE 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Boeing, B-17E	42	
Consolidated, B-24A, C, & D	11	
<u>Medium Bomber</u>		
North American, B-25A & B	30	
Martin, B-26	65	
<u>Light Bomber</u>		
Douglas, A-20 & 20A	76	
Douglas, A-24	25	
<u>Pursuit, Fighter</u>		
Lockheed, P-38, D & E	102	
<u>Pursuit, Interceptor</u>		
Bell, P-39D	188	
Curtiss, P-40D & E		12
Republic, P-43 & 43A	86	
Republic, P-47B	14	
<u>Observation</u>		
Vultee, O-49	67	
Curtiss, O-52	116	
<u>Transport</u>		
Beech, C-45A	11	
Douglas, C-48A	1	
Douglas, C-50B	1	
Douglas, C-52B	1	
Curtiss, C-55	1	
Lockheed, C-56	1	
Lockheed, C-57	1	
<u>Reconnaissance</u>		
Douglas, F-3	3	
<u>Primary Trainer</u>		
Stearman, PT-17		125
Fairchild, PT-19A		29
Ryan, PT-21	75	
Ryan, PT-22	210	
<u>Basic Trainer</u>		
Vultee, BT-13A & 15		15
<u>Advance Trainer, 1 Engine</u>		
North American, AT-6A		94
<u>Advance Trainer, 2 Engine</u>		
Beech, AT-7		5
Cessna, AT-8		7
Curtiss, AT-9	126	
Beech, AT-10	117	
Beech, AT-11	99	

TEXT SUMMARY - INSTALLATION ENGINES BEHIND CONTRACT SCHEDULE - JUNE 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Wright engines for medium bombers continue to be delivered slowly because of difficulty of the manufacturer in obtaining equipment for its new facilities.

Wright engines for light bombers are likewise affected by the complex task of starting a new plant. In addition, the delivery of Wright engines for A-20B's has been retarded by authorization to give priority to other orders.

Delivery of Allison engines for pursuit fighters and pursuit interceptors was largely regulated during June by the rate of receipt of magnesium accessory housings. Subcontractors for this manufacturer have likewise reported serious shortage of machine tools. Construction of Packard's new building for engines was completed during June. Installation of equipment is progressing and will continue to the end of the year, but delivery schedules of the necessary machinery are being constantly set back, and Packard production will be influenced accordingly. Assistance is being given Packard in obtaining the necessary machines, but there is still a serious lack of fixtures and cutting tools.

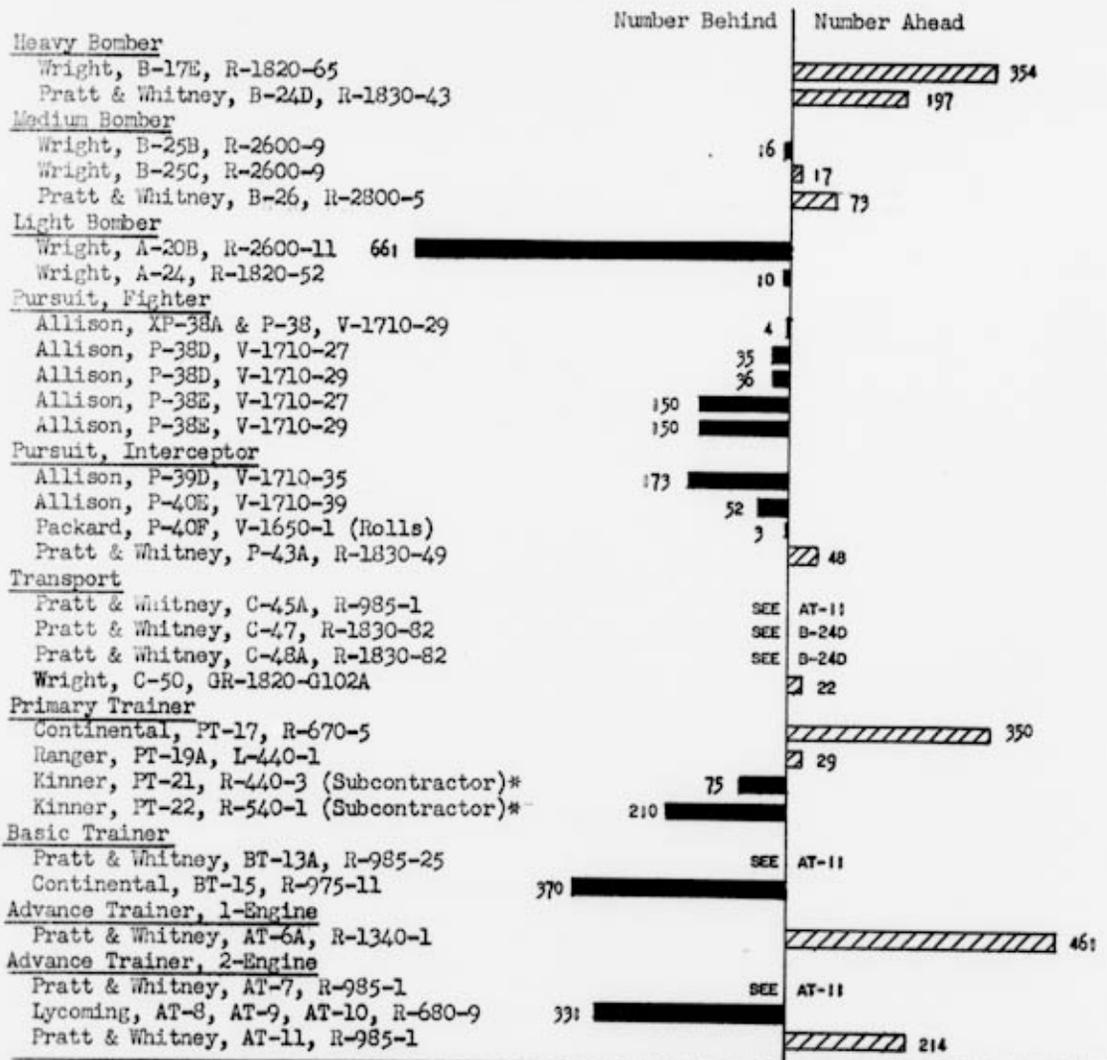
In spite of satisfactory production, Kinner engines for Ryan primary trainers are accepted by the Army only as component of the completed Ryan trainer. Ryan currently reports propeller shortage as its bottleneck, and it now has some 50 articles on hand awaiting propellers. Ryan also has been retarded, however, by engineering changes and poor planning of its orders with subcontractors.

Continental's machine tool situation remains critical. Though the Production Survey Branch at Wright Field has taken action to increase priorities for Continental, the problem is further complicated by the training of machine operators, which is always a source of considerable delay. Continental's supervision appears inadequate to handle properly this training program. It is interesting to note that the Falcon Tool Company, which is working on approximately 250 tools for this contractor, is shutting down its plant for a vacation from July 3 to 14. This should further set back delivery of tools for Continental by at least two weeks.

Lycoming reports that magnesium accessory housings are still being received in insufficient quantities to build up a working stock. If this condition could be rectified, production of advance trainer engines would be increased. Correction during July will depend upon deliveries made by the Dow Chemical Company. Arrangements have been approved by the Materiel Division of the Air Corps to change certain magnesium parts in Lycoming engines to aluminum, and it is hoped that this will relieve the situation. As a solution of the difficulty, however, this appears problematic since aluminum castings are currently equally difficult to obtain.

AIRPLANE ENGINE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - JUNE 30, 1941

Source of Information: Consolidated Statistical Report - Air Corps



\* Delay due to slow delivery of Ryan airplanes.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - JULY 8, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 7/8/41	Pending (less awards)		
					F.Y. 1941 "B" program modified	10,375 Fifth supp. modified	12,000 program modified
<u>Airplanes</u>							
Heavy bomber	4,902	2,246	46	90	-	-	2,656
Medium bomber	5,816	4,616	79	194	-	-	1,200
Light bomber	1,882	1,382	73	157	500	-	-
Pursuit, fighter	1,859	709	38	27	-	-	1,150
Pursuit, interceptor	9,244	4,394	48	732	-	-	4,850
Observation	533	533	100	94	-	-	-
Transport	1,358	1,118	82	38	-	-	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	25,685	15,089	59	1,346	500	-	10,096
Primary trainer	5,940	5,490	92	1,749	-	-	450
Basic trainer	6,151	5,051	82	1,088	-	-	1,100
Adv. trainer, 1-eng.	3,657	3,297	90	625	-	-	360
Adv. trainer, 2-eng.	3,682	2,632	71	81	-	-	1,050
Total Trainer	19,430	16,470	85	3,543	-	-	2,960
Grand Total	45,115	31,559	70	4,889	500	-	13,056
<u>Engines</u>							
Heavy bomber	19,612	7,468	38	1,357	-	1,520	10,624
Medium bomber	12,432	4,420	36	820	12	4,800	3,200
Light bomber	3,576	2,576	72	722	1,000	-	-
Pursuit, fighter	3,720	1,394	37	125	26	-	2,300
Pursuit, interceptor	9,244	4,394	48	958	-	-	4,850
Observation	533	533	100	351	-	-	-
Transport	2,838	1,602	56	112	208	548	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	52,137	22,569	43	4,479	1,246	6,868	21,454
Primary trainer	5,940	5,490	92	2,339	-	-	450
Basic trainer	6,151	3,051	50	1,315	-	2,000	1,100
Adv. trainer, 1-eng.	3,657	2,297	63	1,154	-	1,000	360
Adv. trainer, 2-eng.	7,364	2,164	29	777	-	3,100	2,100
Total Trainer	23,112	13,002	56	5,585	-	6,100	4,010
Grand Total	75,249	35,571	47	10,064	1,246	12,968	25,464

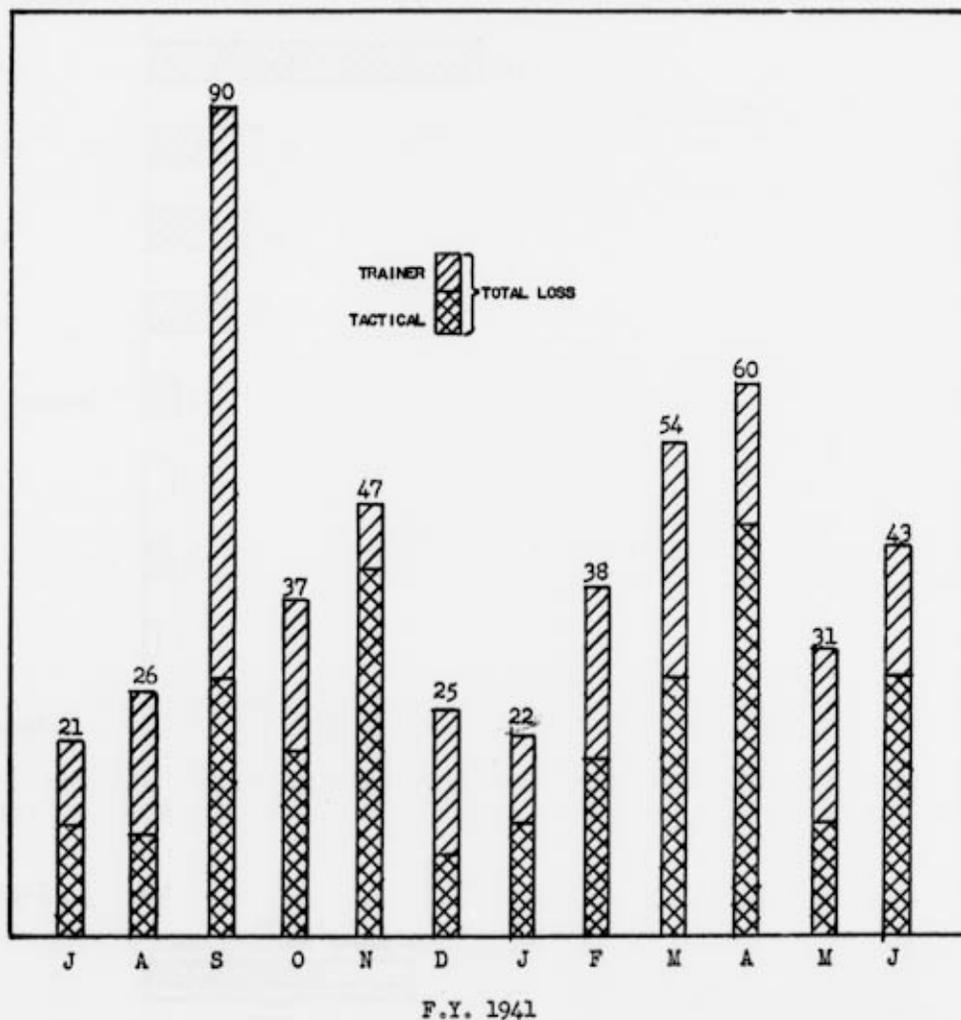
(a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941-1942 programs for project airplanes and installation engines.

Note: "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.

MONTHLY ARMY PROJECT AIRPLANE LOSSES - F.Y. 1941

Source of Information: Consolidated Statistical Report - Air Corps

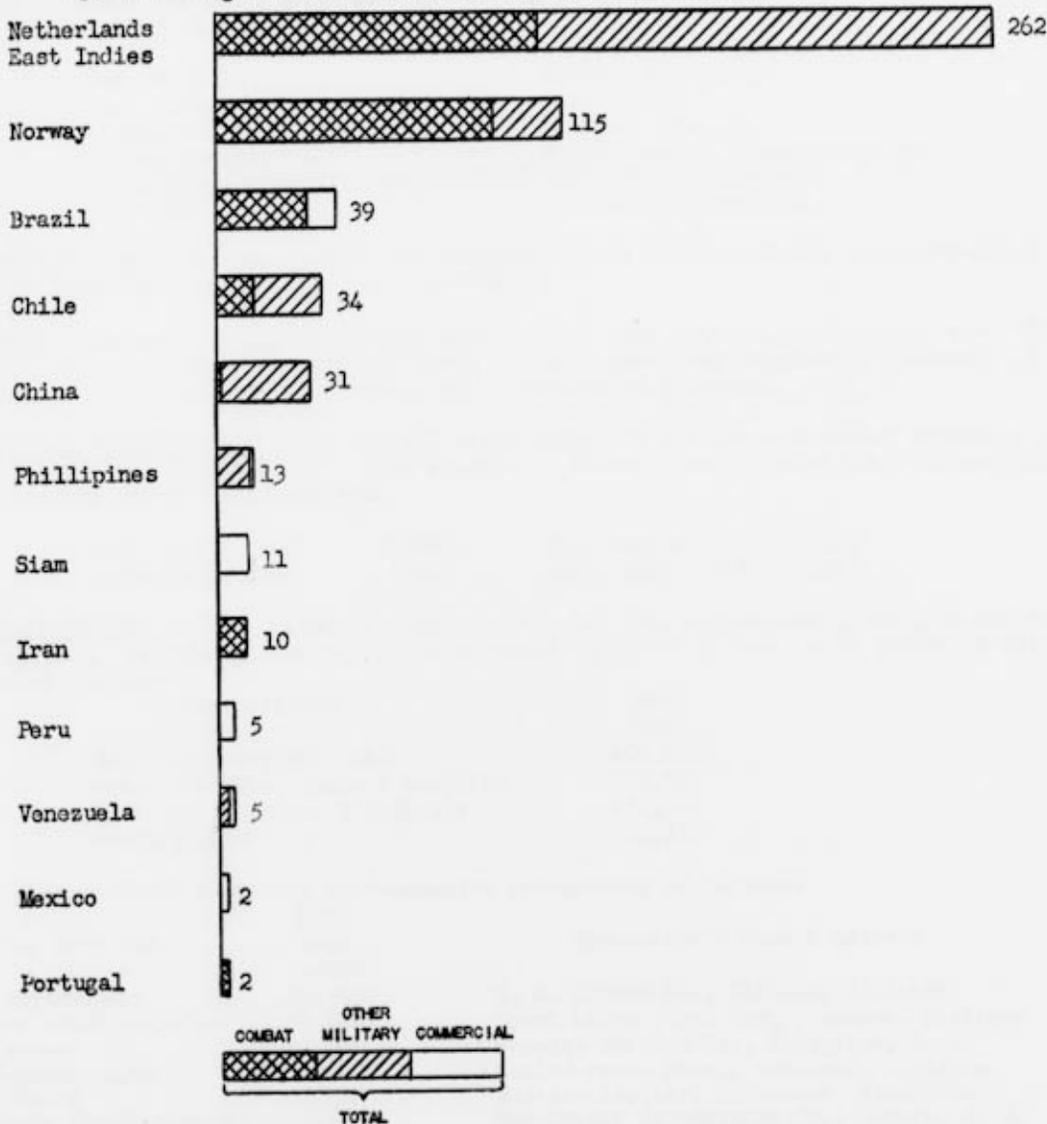
Note: The term "loss" on this chart is used in a broad sense, i.e., any factor which affects the monthly increase in the inventory of Army airplanes. In the classification "loss" are therefore included condemnations, physical losses and transfers for resale to foreign governments.



AIRPLANE DELIVERIES TO "OTHER FOREIGN" CUSTOMERS - F.Y. 1941

Source of Information: Consolidated Statistical Report - Air Corps

Note: Transport deliveries have been classified as military airplanes for countries at war. Deliveries cover new United States production only. "Other Foreign" customers exclude the British Empire.



SUMMARY - PROCUREMENT OF BASIC QUARTERMASTER ITEMS - July 17, 1941

Source of Information: Statistics Branch, OQMG

GENERAL -- As of June 30, 1941, contract awards have been made on all of the 132 critical and essential quartermaster items. Of the total programs of the 132 items an average of ninety-three percent has been contracted and an average of seventy-five percent has been procured; the latter figure includes transfers from CCC stocks. From a fiscal standpoint, 95% has been contracted, 4% transferred from CCC, and 1% is on directive. During the week ended June 28, 1941, nine million dollars were awarded for clothing and equipage.

CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended June 30, 1941 include:

Cap, B. & C.	Helmet, firemen's
Cap, winter	Jacket, HBT
Chest, supply	Netting, mosquito
Cloth, cotton, HBT	Shirt, cotton, khaki, 8.2. oz.
Duck, tent, cotton, khaki(15.50oz)	Suit, wkg., one-piece
Mat, HBT	Trousers, serge, o.d.

Including transfers from CCC stocks, the programs of one-hundred of the one-hundred and thirty-two items have been completely contracted.

DELIVERIES -- During the quarter-monthly period ended June 30, 1941, deliveries were effected on all but 46 of the 132 items; of these 20 items have been completely procured; 15 are on schedule, 2 have no current schedule, and 9 are behind schedule.

SCHEDULES and DELINQUENCIES -- Of the 132 basic items, 72 are on or ahead of schedule; 2 have no current schedule; 58 are behind schedule. Items currently more than 20% delinquent and also behind May 31 schedules are:

Belt, cart., mtd.	(36%)	Bag, cante	(32%)
Cloth, cotton, w/r	(34%)	Belt, cart., dsmtd.	(26%)

LABOR DIFFICULTIES -- From January 1, 1941 to June 30, 1941 approximately 988,709 man days affecting Q.M.C. procurement were lost as a result of strikes; these were generally distributed as follows:

Group affected	Man days
Building Materials, etc.	405,910
Motor Vehicles, parts & supplies	283,977
Clothing, Supplies & Equipage	274,604
Construction	24,218

Strikes are currently affecting quartermaster procurement as follows:

Item affected	Man days lost*	Contractor's Name & Address
Q. M. Construction	80,000	U. S. Gypsum Co., Chicago, Illinois
Steel for Motor Vehicles	16,000	Great Lakes Steel Corp., Ecorse, Michigan
Cloth, serge	12,540	Premier Worsted Co., Bridgeton, R. I.
Motor Vehicle parts	9,280	Sealed Power Corp., Muskegon, Michigan
Boots & Shoes	4,000	Western Leather, Milwaukee, Wisconsin
Iron frames (Construction)	1,610	New Jersey Galvanizing Co., Newark, N. J.
Trousers for Q.M.C.	900	McLaren Sportswear Inc., Phillipsburg, Pa.

\*Based on six working days per week

Quartermaster Corps

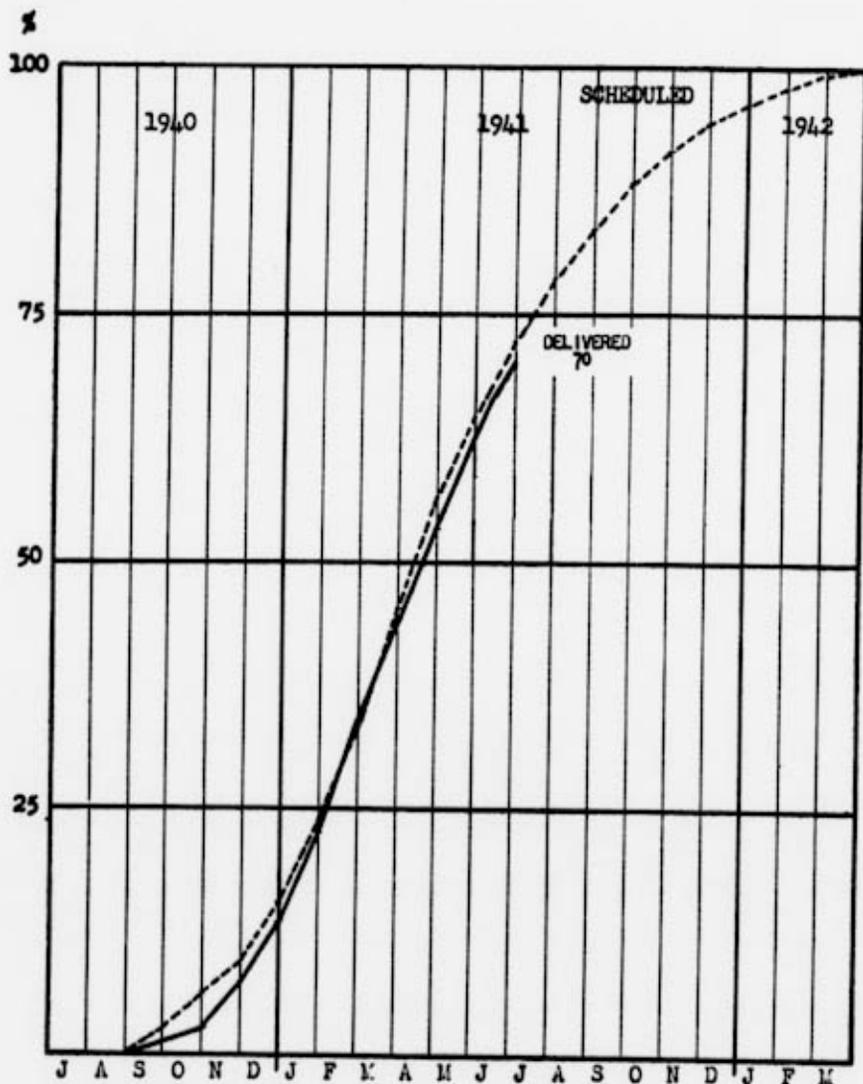
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QUARTERMASTER CORPS - STATUS OF Q.M. PROCUREMENT - June 30, 1941

Source of Information: OQMG - Statistics Branch, OUSW

This is an index of Quartermaster procurement based on twenty-five representative items.

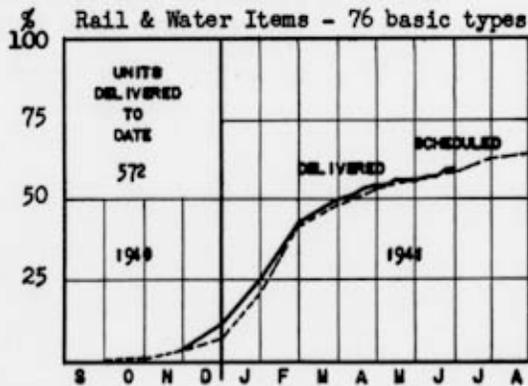
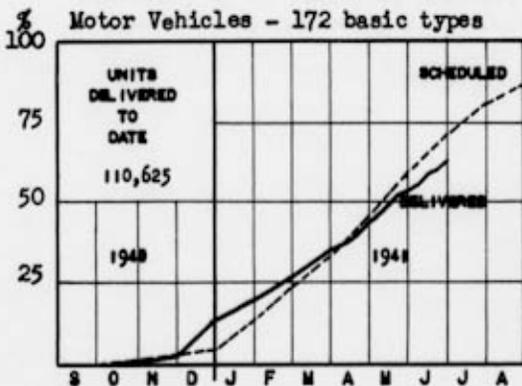
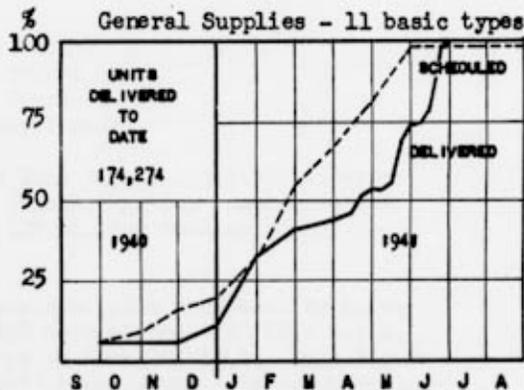
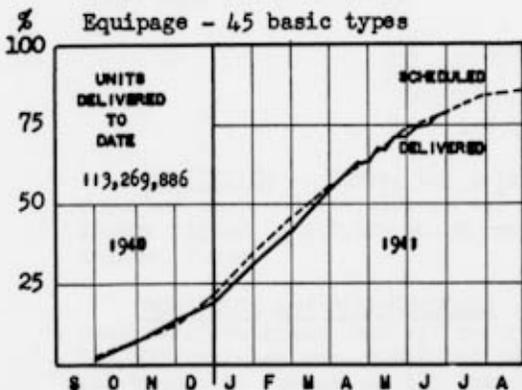
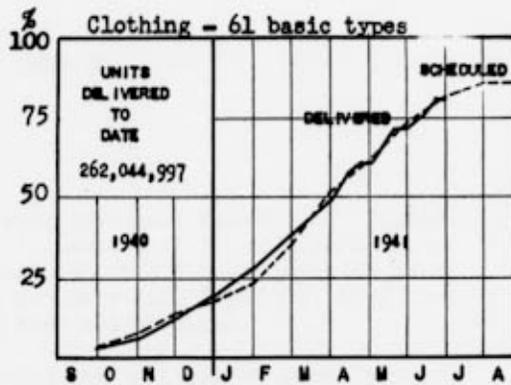
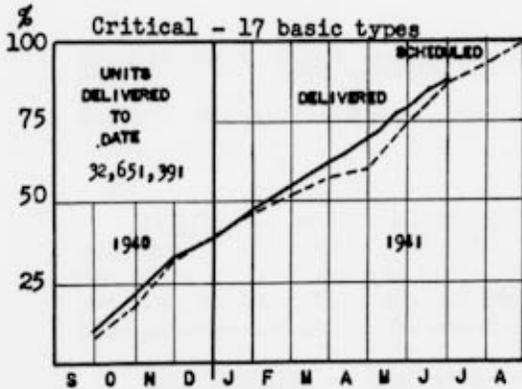


Quartermaster Corps  
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7-19-41

STATUS OF Q.M. PROCUREMENT - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

Source of Information: Statistics Branch, OQMG - June 30, 1941



TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - June 30, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of June 30, 1941, contracts have been awarded for 220,560 vehicles of all types, obligating funds to the extent of 302 million dollars. The combined programs are presently estimated to total 242,406 vehicles being procured by the Q.M.C. for the Supply Arms and Services, funds for which have been made available by the branch for whom they are obtained.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provide for the procurement of 675 vehicles at a cost of \$1,606,285. These vehicles consist of:

21	Light 5 Pass. Sedans
600	2½ Ton Cargo Trucks
7	4 Ton Ponton Trucks
47	4-5 Ton Tractor Trucks

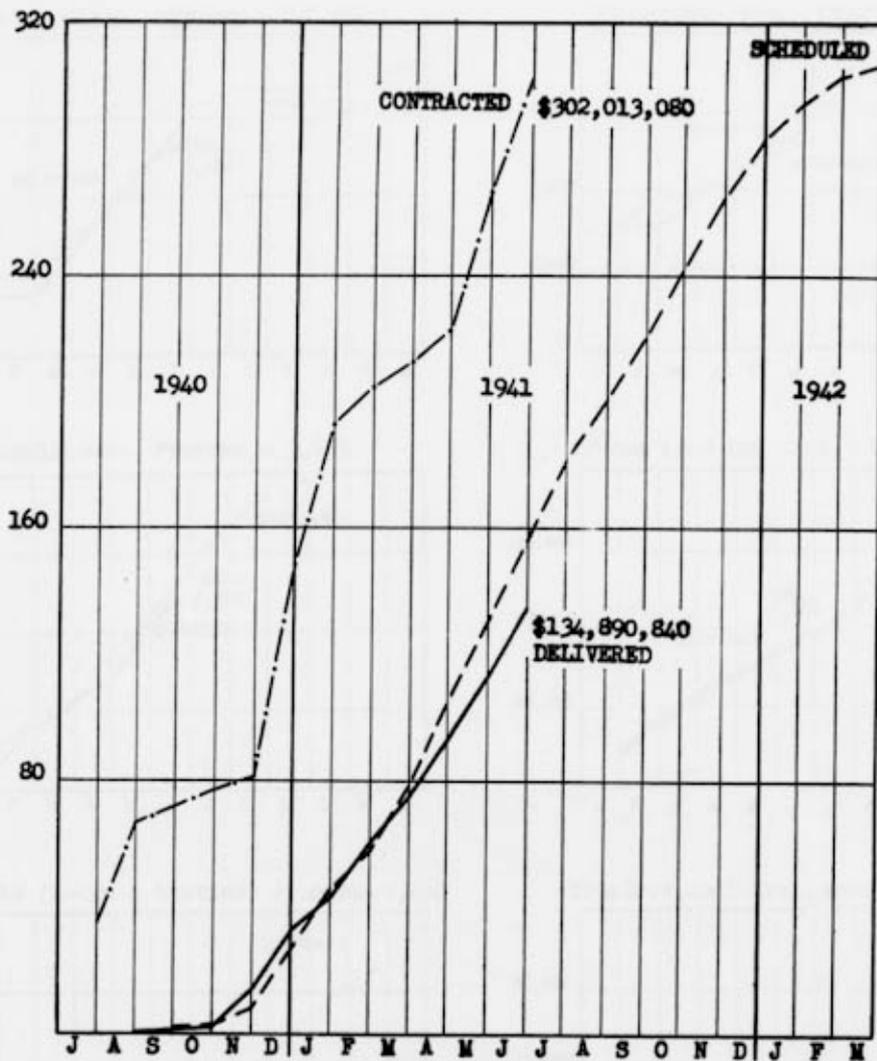
DELIVERIES -- During the period ended June 30, 1941 deliveries were reported on 4,468 vehicles of all types. This brings the cumulative delivery figure to 110,625 which represents 128 million dollars of the obligated funds.

SCHEDULES and DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 113,323 vehicles were scheduled for delivery by June 30, 1941. This figure represents 47 percent of the current proposed procurement. Based on estimated schedules, 7,307 vehicles distributed among 14 manufacturers are behind schedule; 4,609 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 2,698 vehicles.

QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - June 30, 1941

Source of Information: OQMG - Statistics Branch, OUSW

\$  
MILLIONS



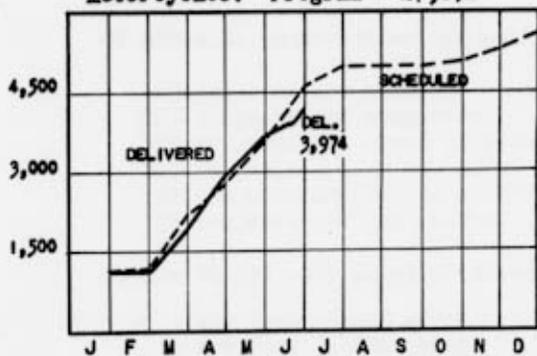
Quartermaster Corps  
30

STATISTICS BRANCH  
OUSW - WAR DEPARTMENT  
7-19-41

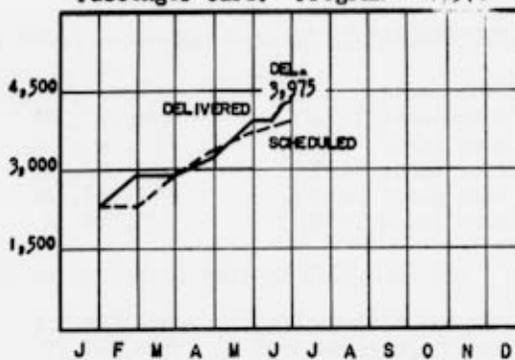
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - JUNE 30, 1941

Source of Information: Statistics Branch, QCMG

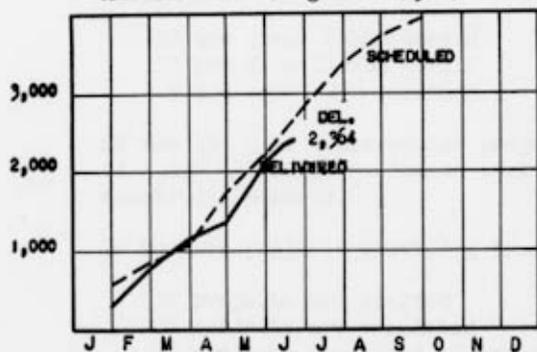
Motorcycles. Program - 27,892



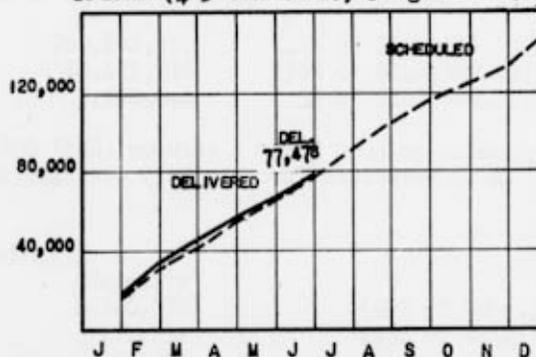
Passenger Cars. Program - 4,578



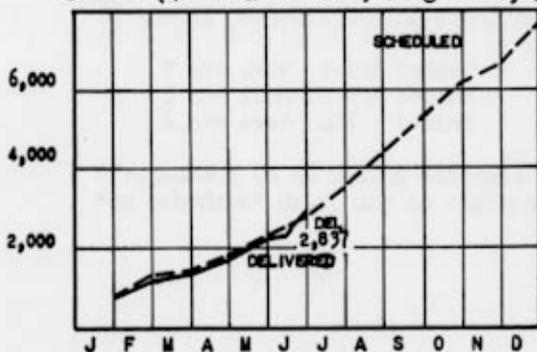
Ambulances. Program - 5,613



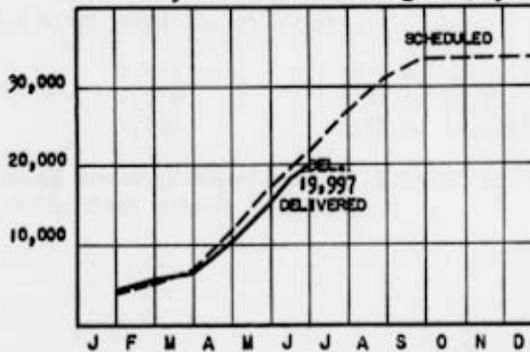
Trucks (1/2-3 ton incl.) Program 160,276



Trucks (4-ton & heavier) Program-7,858



Trailers, Semi-Trailers. Program-36,189



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - June 28, 1941

Source: Statistics Branch, QMG - OUSW

Of 456 Q.M. construction projects, with a total estimated cost of \$1,556,009,987:

	Cost	
423 projects are started	\$1,529,142,934	(98% of total cost)
100 projects are completed	300,882,655	(19% of total cost)
22 projects are ahead of schedule	162,000,509	(10% of total cost)
263 projects are on schedule*	919,690,631	(59% of total cost)
38 projects are behind schedule	146,569,139	(10% of total cost)
33 projects are not started	26,867,053	(2% of total cost)

Of the 22 projects ahead of schedule, with an estimated cost of \$162,000,509:

9 are from 5-10% ahead	\$59,827,670	(37% of \$162,000,509)
6 are from 11-20% ahead	77,764,468	(48% of \$162,000,509)
7 are over 20% ahead	24,408,371	(15% of \$162,000,509)

Of the 38 projects behind schedule, with an estimated cost of \$146,569,139:

18 are from 5-10% behind	\$60,602,357	(41% of \$146,569,139)
11 are from 11-20% behind	82,425,738	(56% of \$146,569,139)
9 are over 20% behind	3,541,044	(3% of \$146,569,139)

Of the 456 Q.M. construction projects, 256 (56%) provide a troop housing capacity of 1,337,428 at an estimated cost of \$845,415,570 (54% of total estimated Q. M. construction cost).

Of the 256 projects providing troop housing:

	Capacity	
252 projects are started	1,326,972	(99% of total)
88 projects are completed	571,779	(43% of total)
12 projects are ahead of schedule	80,282	(6% of total)
135 projects are on schedule*	673,935	(50% of total)
17 projects are behind schedule	10,976	(1% of total)

Of the 17 projects behind schedule, with a troop capacity of 10,976:

8 are from 5-10% behind	6,897	(63% of 10,976)
5 are from 11-20% behind	2,373	(22% of 10,976)
4 are over 20% behind	1,706	(15% of 10,976)

\*Projects 1 to 4% behind schedule and 1 to 4% ahead of schedule are included in "on schedule" data, due to difficulty in estimating within these limits.

QUARTERMASTER CORPS - STATUS OF CONSTRUCTION - June 28, 1941

Source: Statistics Branch, OQMG - OUSW

<u>STATUS</u>	<u>COST IN MILLIONS</u>	<u>%</u>
COMPLETED	301	19
AHEAD OF SCHEDULE	162	11
ON SCHEDULE (Includes projects from 1 to 4% behind schedule and 1 to 4% ahead of schedule)	920	59
BEHIND SCHEDULE	146	9
NOT STARTED	27	2
TOTAL	1556	100

Quartermaster Corps  
33

STATISTICS BRANCH  
OUSW - WAR DEPARTMENT  
7-19-41

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JULY 12, 1941

Source of Information: Office of the Chief Signal Officer and Labor  
Division, Office of the Under Secretary of War

Material in this report pertaining to deliveries, delinquencies and new contracts covers the period June 28 through July 12. Procurement program figures are exclusive of quantities authorized under the F.Y. 1942 expenditure program.

RADIO PRODUCTION - Marked improvement is evident in the delivery of ground radio equipment. Some of the minor parts and accessories which have been holding up complete radio sets are now being received in volume. Further improvement in this situation is anticipated in the near future.

A total of 2,842 ground radio sets was delivered during the period June 28 through July 12 compared with only 38 sets delivered in the previous two week period.

The production of aircraft radio equipment continues satisfactory although frequency meters and marker beacon receivers are far behind scheduled deliveries. Frequency meters are now being received in good volume. Last week two marker beacon receivers were delivered and contractor has promised five hundred by the end of July. There are no instances where procurement of aircraft radio is insufficient to meet the requirements of aircraft being delivered.

DELIVERIES - The delivery of signal equipment is showing gradual improvement. During the past week deliveries were received on a total of 32 critical items and quantities being received each week are increasing.

DELINQUENCIES - Thirty-four critical items under procurement remain behind scheduled deliveries. Twenty-seven of these are ground items and the remainder are aircraft signal equipment. While delinquencies persist, the quantities delinquent have, in many instances, been substantially reduced and several items are expected to be removed from the delinquency list within the next two weeks. This is particularly true of ground radio equipment where procurement difficulties are being eliminated.

NEW CONTRACTS - Contracts for eight critical items were awarded during the period covered by this report.

-Continued-

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JULY 12, 1941 (PAGE II)

Source of Information: Office of the Chief Signal Officer and Labor Division,  
Office of the Under Secretary of War

LABOR DIFFICULTIES - The strike at New Jersey Galvanizing Company, Newark, New Jersey, which began on May 23, continues. This firm holds contracts for iron frames required for a project at Fort Monmouth and is also a subcontractor for the Signal Corps. This is the only strike reported as affecting Signal Corps procurement at the present time.

A strike is still threatened at Breeze Corporation, Newark, New Jersey. This company holds contracts for \$683,371 worth of radio equipment for Signal Corps subcontractors.

DIAGRAMS - STATUS OF F.Y. 1941 PROCUREMENT - The diagrams on pages 36 through 38 have been prepared to show the present procurement status of representative items of Signal Corps equipment. For the purpose of presentation, these items have been placed in four groups, indicative of the purpose for which the equipment is intended.

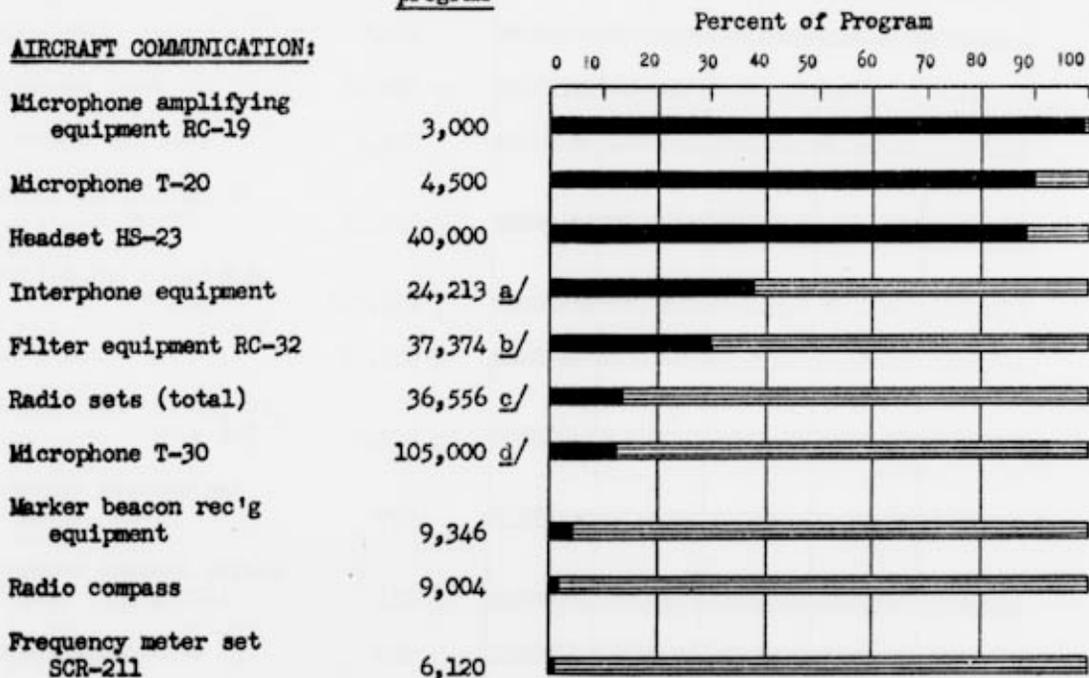
DIAGRAMS - PROGRESS OF DELIVERIES - The diagrams on pages 39 through 41 show deliveries on selected items of Signal Corps equipment compared with delivery schedules. Items of equipment shown in this presentation have been selected as representative of the entire procurement program.

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JULY 12, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

F.Y. 1941  
program

AIRCRAFT COMMUNICATION:

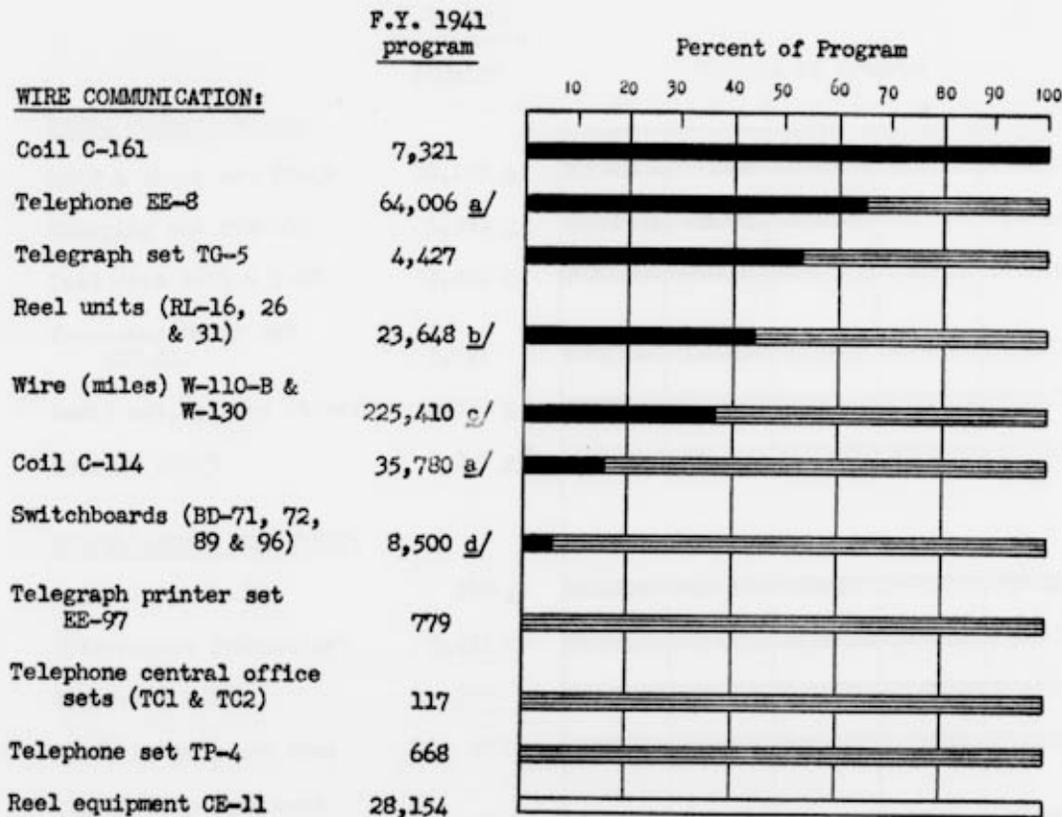


a/ Includes 526 RC-27 for Navy; b/ Includes 526 for Navy; c/ Includes 526 SCR-183 for Navy; d/ Includes 40,440 for component parts of other critical items.

Delivered [Solid black bar]  
Contracted [Hatched bar]  
Not contracted [White bar]

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JULY 12, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

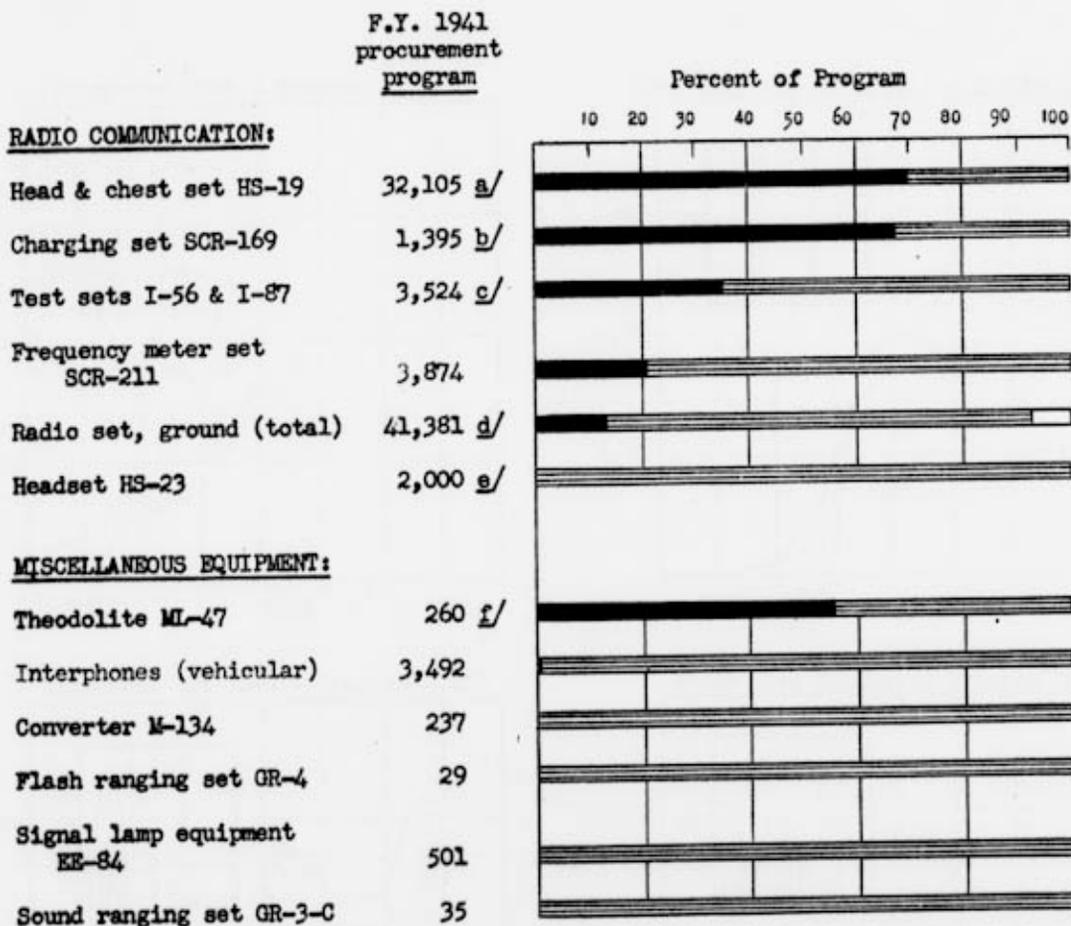


a/ Includes 200 for Marine Corps; b/ Includes 35 for Marine Corps;  
c/ Includes 9,500 miles for Marine Corps; d/ Includes 60 for Marine Corps

Delivered [Solid Black Bar]  
 Contracted [Hatched Bar]  
 Not contracted [White Bar]

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - July 12, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division



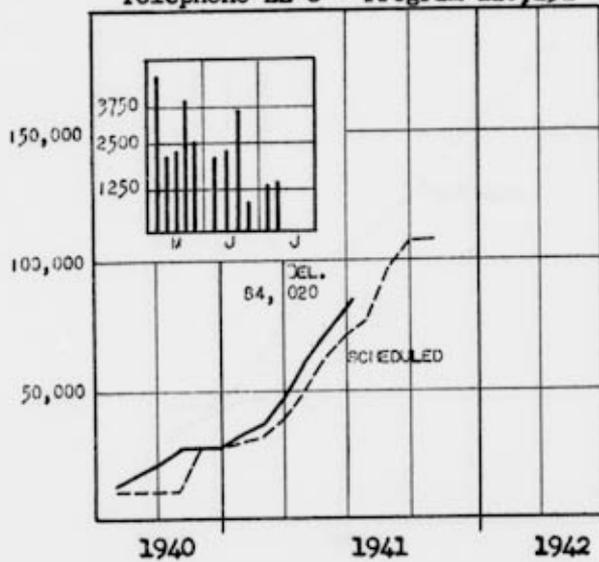
a/ Includes 723 for Telegraph set TG-5; 260 for Marine Corps; b/ Includes 50 for spare parts; c/ Includes 206 for plant and traffic; d/ Includes 10 SCR-268 and 5 SCR-270 for Navy; e/ For the Armored Force; f/ Includes 21 for the Air Corps.

Delivered [Solid black bar]  
 Contracted [Double horizontal lines]  
 Not contracted [Single horizontal line]

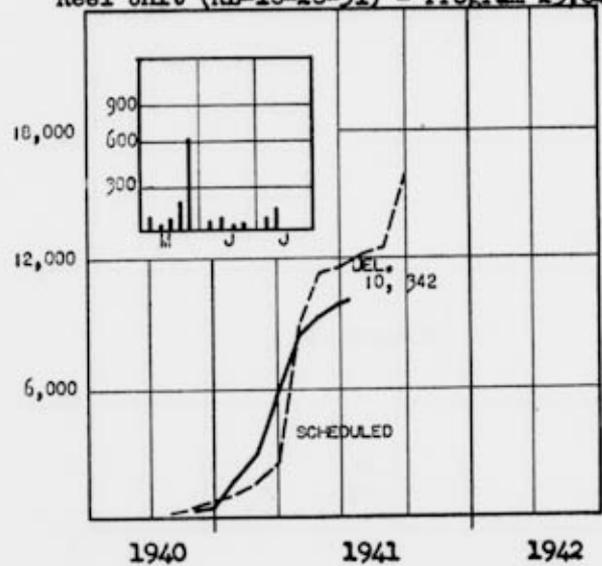
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - AS OF JULY 12, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer

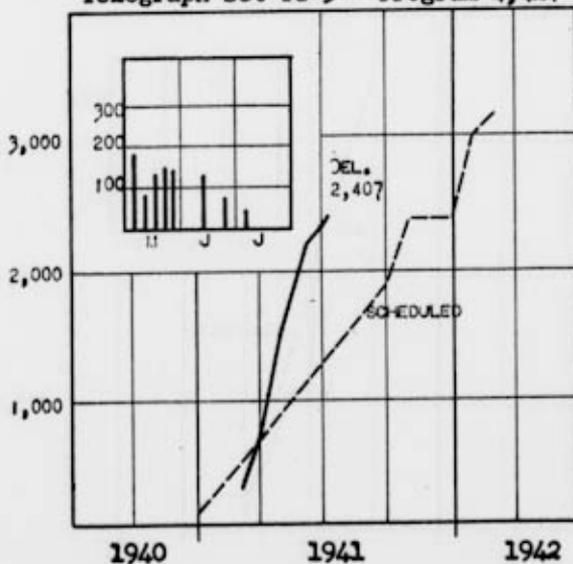
Telephone EE-8 - Program 110,151



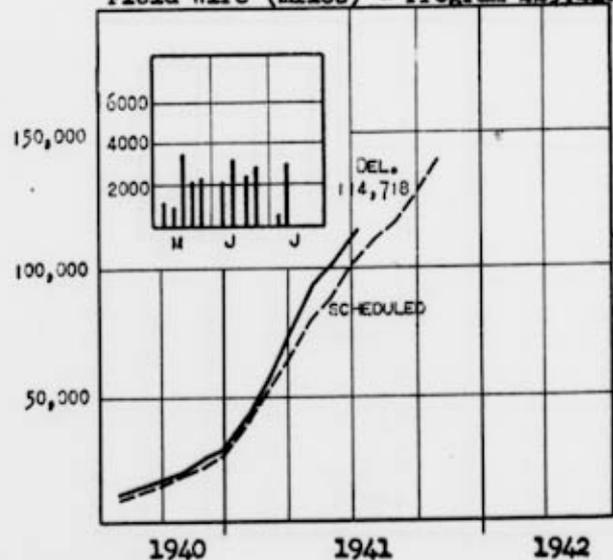
Reel Unit (RL-16-26-31) - Program 23,648



Telegraph Set TG-5 - Program 4,427



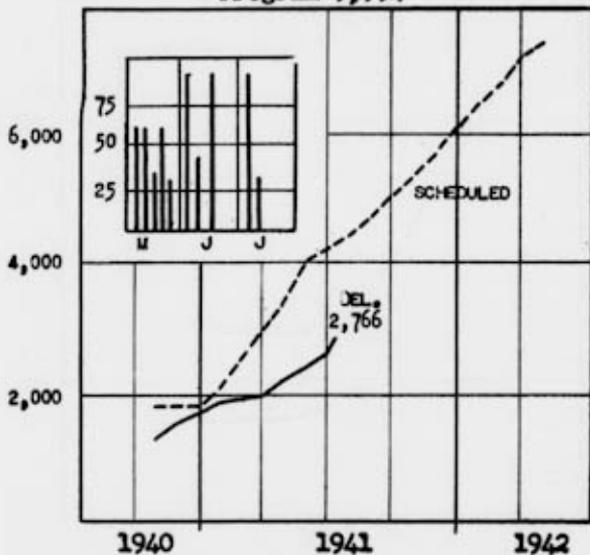
Field Wire (miles) - Program 225,410



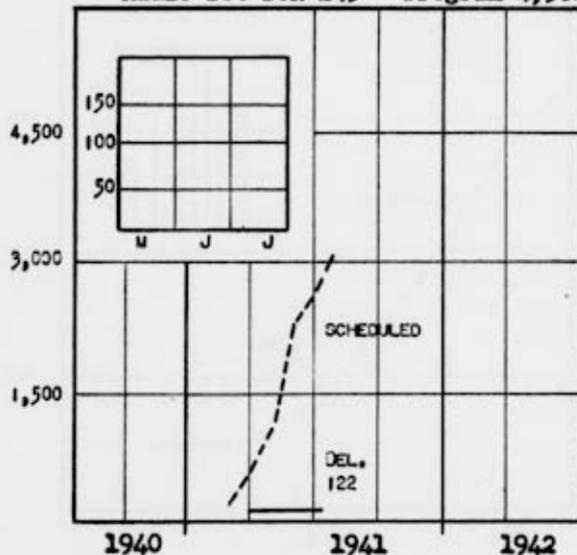
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT  
AS OF JULY 12, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer

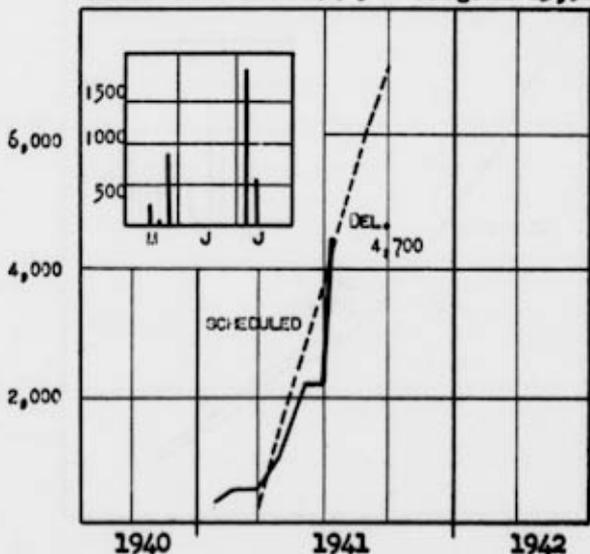
Frequency Meter Set SCR-211  
 Program 9,994



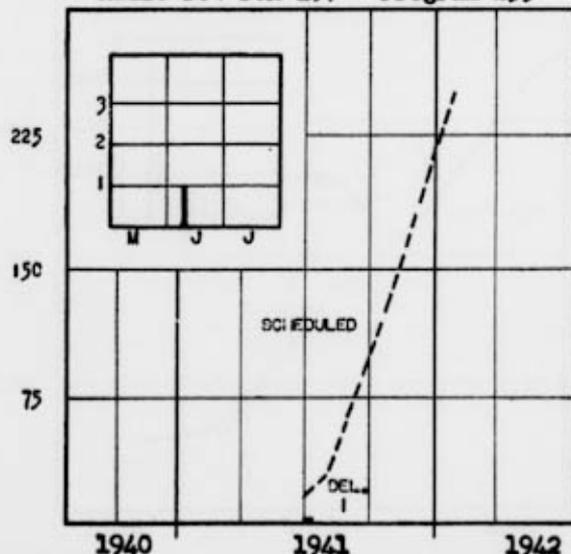
Radio Set SCR-245 - Program 4,504



Radio Sets SCR-194-5 - Program 13,529



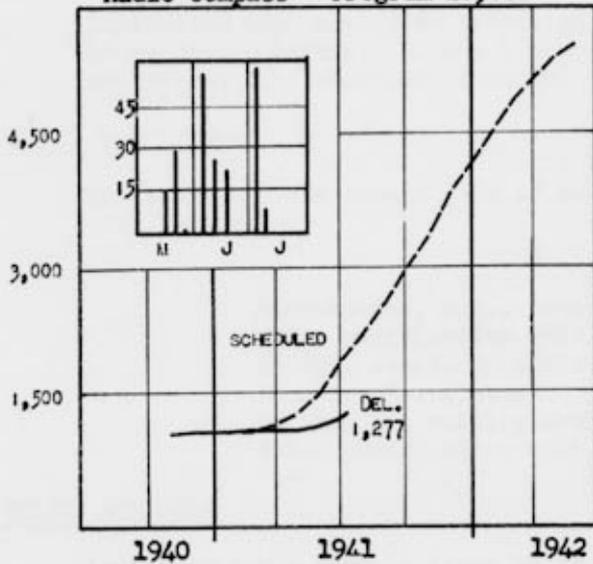
Radio Set SCR-197 - Program 255



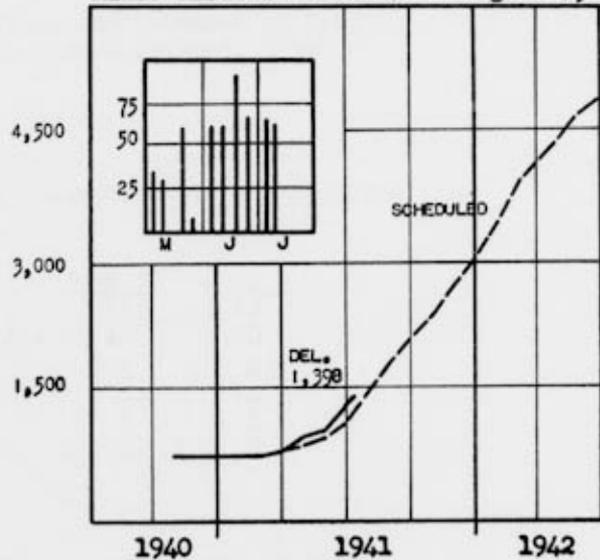
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT  
AS OF JULY 12, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer  
 Materiel Division, Office of the Chief of Air Corps

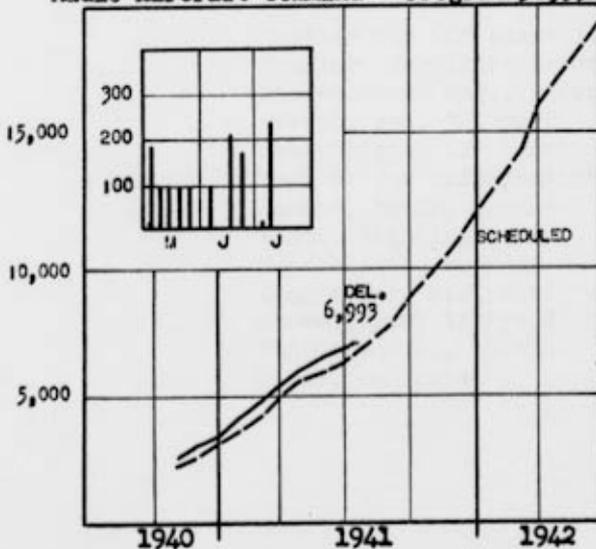
Radio Compass - Program 10,068



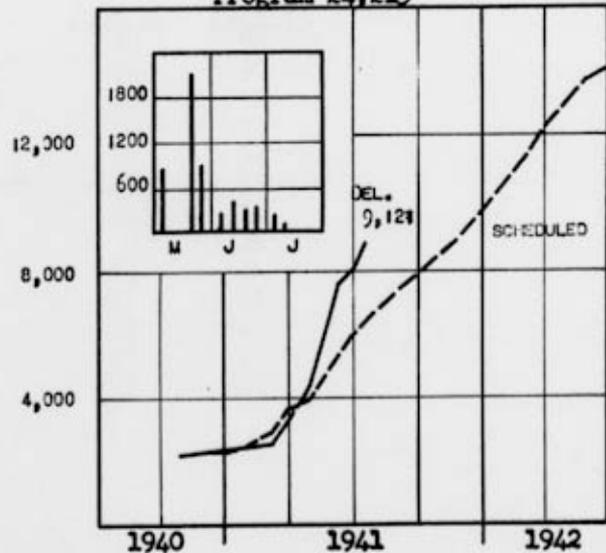
Radio Aircraft-Liaison - Program 9,230



Radio Aircraft-Command - Program 30,552



Interphone Equipment-Aircraft  
 Program 24,213



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JULY 8, 1941

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

GENERAL

The weekly reports from this section will continue to pertain only to the 1941 program until some contracts are let from 1942 funds. This will probably be a month or more.

Deliveries this week were scheduled on 8 items and received on 3 of these plus 3 others. Of the 5 scheduled and not delivered, 4 are behind and 1 is ahead of schedule.

AHEAD OF SCHEDULE

The items and the amount each is ahead are shown below in a comparison with last week.

	<u>June 30</u>	<u>July 8</u>
Stereoscope, mag., lens-prism	15	15
Water purification unit, portable	10	10
Bridge, steel, portable, H-10	6	4
Ponton sets, 25-ton	5	4
Welding and cutting sets	1	1
Water purification unit, mobile	2	0

BEHIND SCHEDULE

Last week there were 11 items behind schedule compared with 13 this week. The items and their percents are:

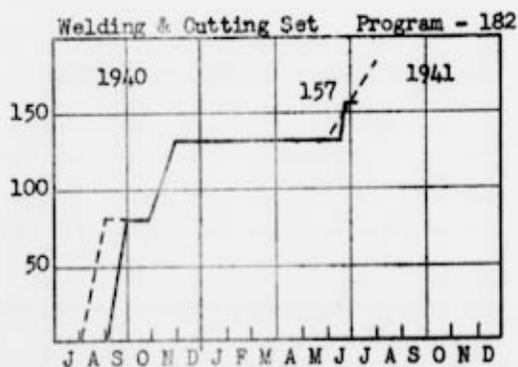
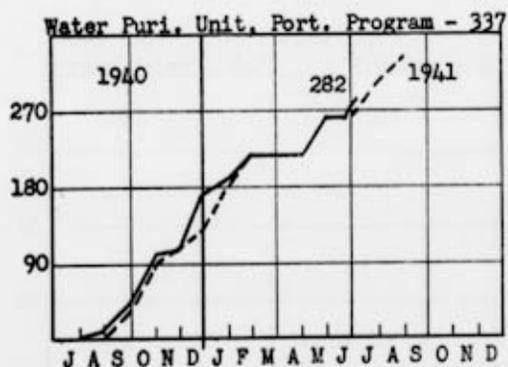
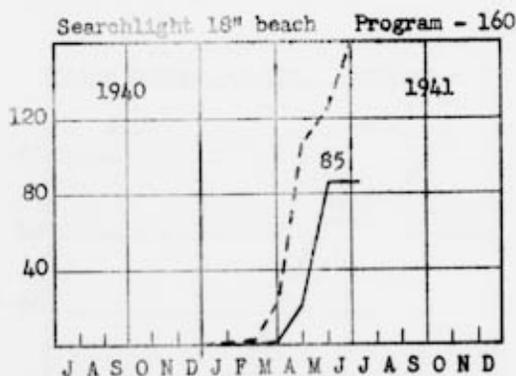
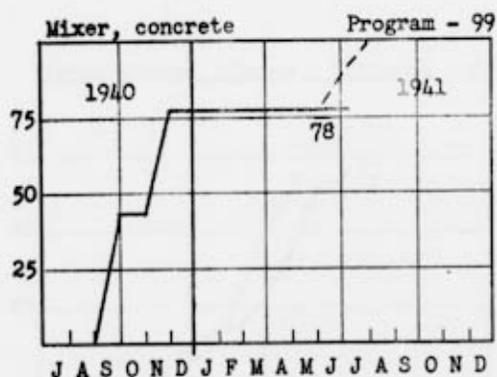
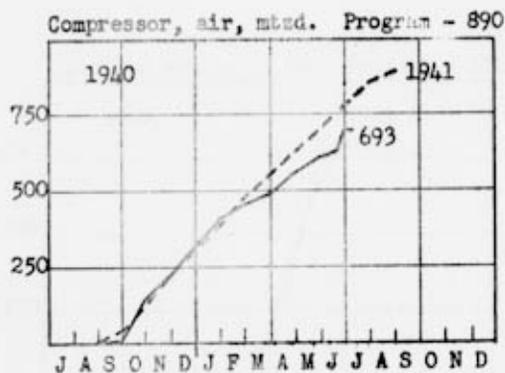
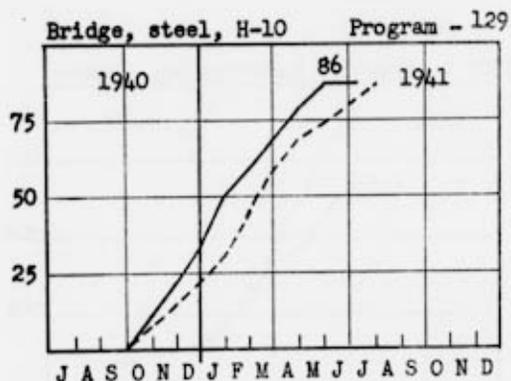
	<u>June 30</u>	<u>July 8</u>
Trailer for 60" searchlight	99	99
Trailer, for light tractor	90	90
Stereoscope mag., mirror	39	44
Shovel, gas, 3/4-yard	0	33
Searchlight, 18" beach	32	32
Trailer for triangulation tower	25	25
Hammer, paving breaker	26	24
Elect. lighting equip., 5 kva	0	21
Searchlight, 60" AA	13	14
Compressor, air, mtzd.	11	13
Shovel, gas, 1/2-yard	12	12
Ponton equip., 10-ton	17	11
Mixer, concrete	11	11

CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JULY 8, 1941

Source of Information: Office of the Chief of Engineers

Scheduled - - -

Delivered - - -

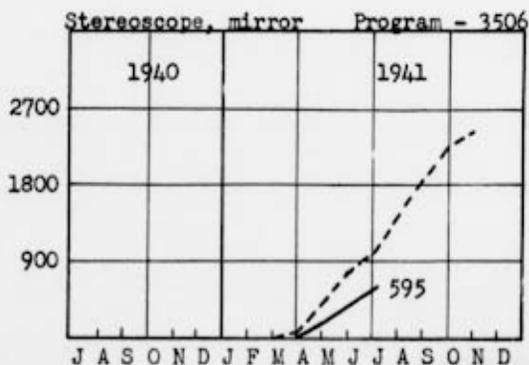
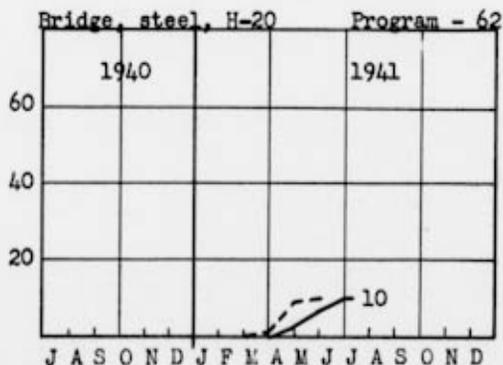
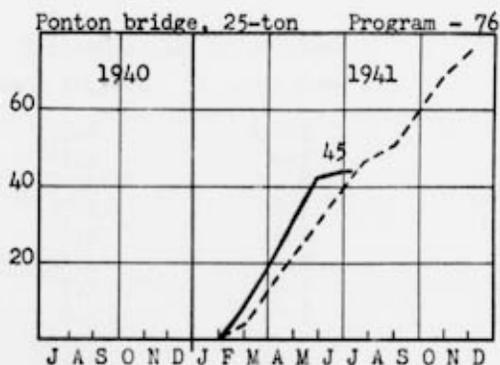
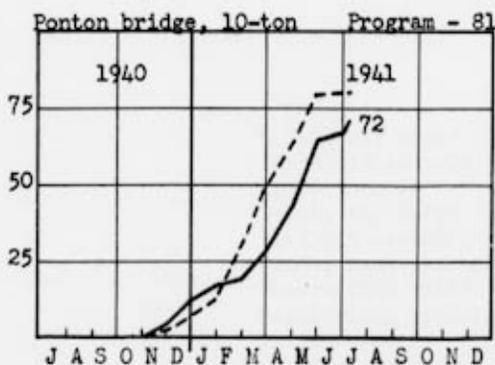
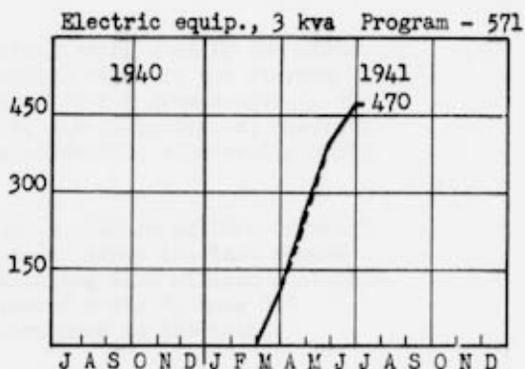
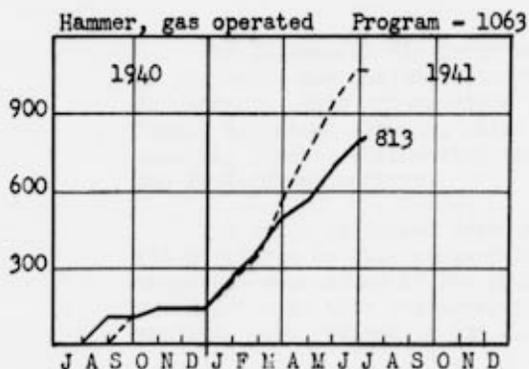


CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH JULY 8, 1941

Source of Information: Office of the Chief of Engineers

Scheduled - - - -

Delivered - - - -



CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - JUNE 15, 1941

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

The program of Air Corps construction being done by the Corps of Engineers has continued to rise steadily since it was started in January. This construction is divided into 8 groups--G.H.Q. air force, technical schools, pilot schools, Air Corps depots, aircraft assembly plants, engineering experimental depots, observation units, and replacement centers.

The total estimated cost is now 495.5 million dollars of which 195.0 million or 39.4 percent is in place. Since the last report there has been added 17 new projects totaling 64.6 million dollars. In addition to this increase, the estimated costs of some old projects were revised to add 21.4 million more to the total.

The breakdown of the estimated cost and work in place is as follows:

	Estimated cost in millions	
	Total project	In place June 15
G.H.Q. air force	179.6	114.9
Technical schools	61.1	30.5
Pilot schools	107.1	20.8
Depot, Air Corps	53.9	16.7
Aircraft assembly plants	68.9	6.1
Depot, experimental	11.1	4.5
Observation units	7.8	1.0
Replacement centers	6.0	0.5
	<hr/> 495.5	<hr/> 195.0

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JULY 19, 1941

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

Due to the lag in surgical instruments, the delivery of critical items on June 30 report was almost fifty percent behind schedule. Slowness of delivery of basic steel from which the forgings are made and industrial labor disputes continue to be the major factors in slowing up production. While the former cause seems to be lessening, the latter is still having serious results.

No information has been received as to a settlement of the strike at the G. F. Richter Manufacturing Company plant of the Fred Haslam Company, Brooklyn, N. Y. This company has several contracts for surgical instruments with the Medical Department that are at present considerably behind schedule.

A shortage of power in the Carolinas, due to the extensive drought superimposed on greatly increased requirements, threatens the Medical Department of the Army and Navy with a shortage of surgical gauze. The Addison Mill, allocated 100% to the above services, has been cut 33 1/3%, which will necessarily greatly curtail its output. A similar cut on other mills will likewise curtail the amount of this material furnished to civilian hospitals.

According to a summary of Weekly Vital Statistical Report No. 27, July 10, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 2.89. This percentage shows 2.58 remaining in hospitals and .31 in quarters.

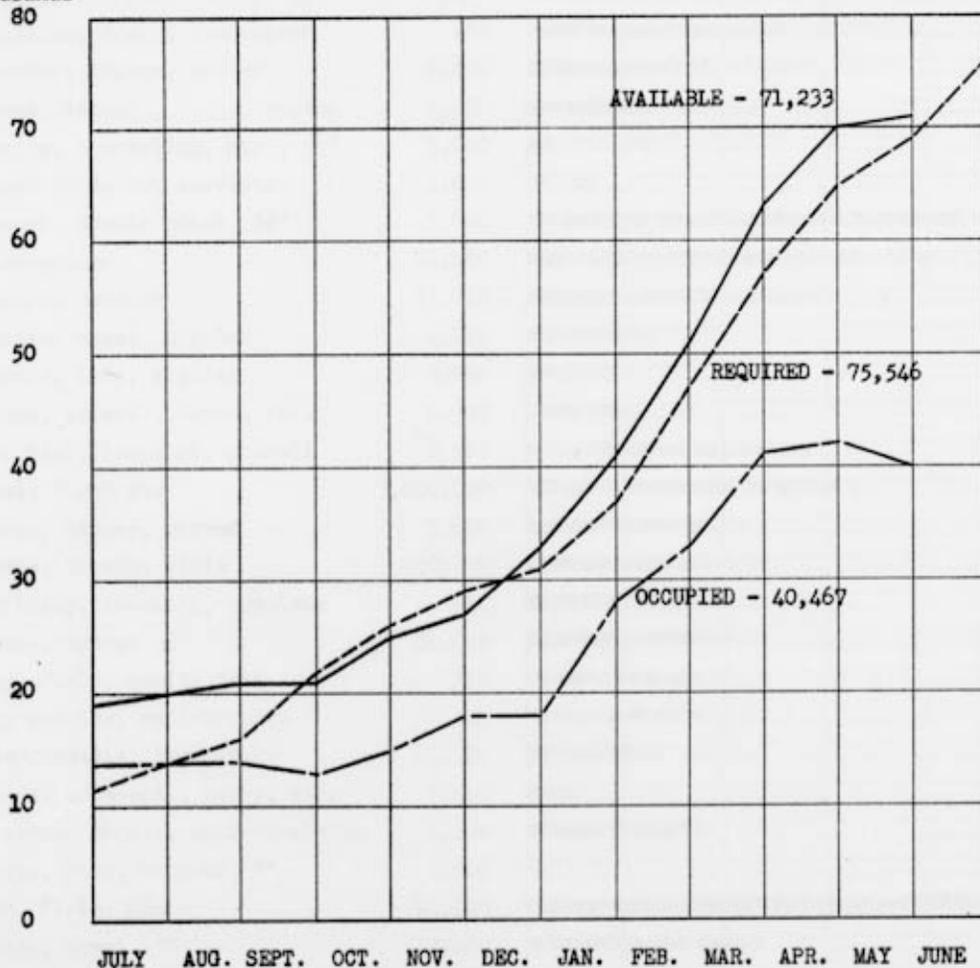
MEDICAL DEPARTMENT - HOSPITAL BEDS REQUIRED, AVAILABLE, AND OCCUPIED

Source of Information: Surgeon General's Weekly Bed Status Report

Requirement based on five percent of total of officers, nurses, enlisted strength.

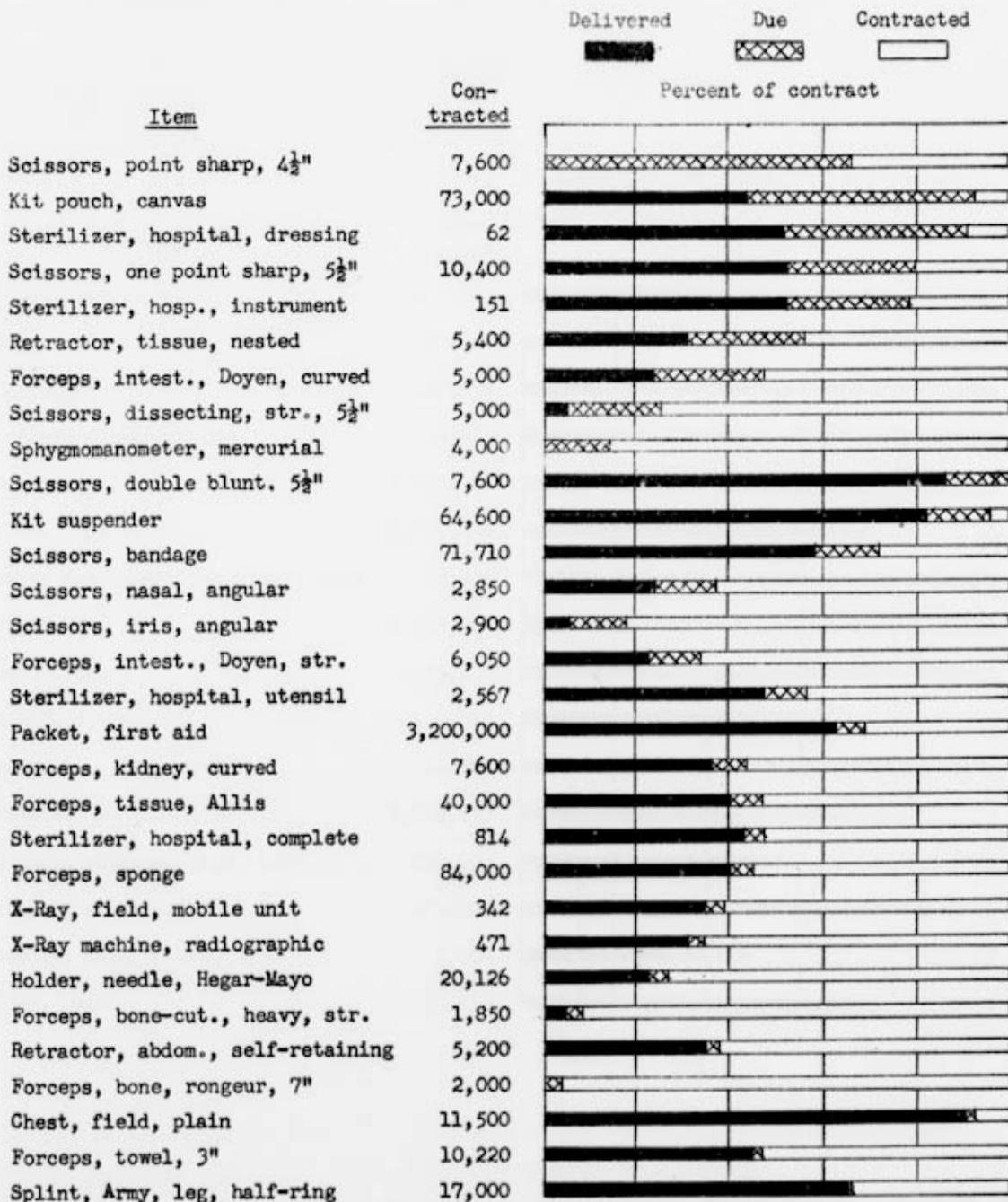
Fall in number of beds occupied during April and May is due to mild spring months and greater proportion of seasoned troops, resulting in fewer contagious diseases.

Thousands



MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - JUNE 30, 1941

Source of Information: Medical Department Procurement Progress Reports





TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JULY 11, 1941

Source of Information: Chemical Warfare Service Reports

The Chemical Warfare Service has ended its Fiscal Year 1941 and is now embarking on the program of the Fiscal Year 1942. The present time is a transition period of completing the unfinished 1941 contracts and preparing schedules for the coming Fiscal Year.

The program represented by the charts in this report include 1940, 41, and 42 requirements, while the contracts represent only the 1940 and 41 programs. No contracts under the 1942 program have been signed as yet.

In order to complete the present Chemical Warfare National Defense program by January 1, 1943 additional facilities are in the process of construction at Huntsville, Alabama. A separate report will be submitted on this project.

Through careful and exacting negotiations the Chemical Warfare Service has been able to reduce the average cost of assembling gas masks under the new contracts. The following items show the savings which will be effected:

Items	Old Average Unit Cost	New Average Unit Cost	Savings Per Unit
Service, Gas Masks	\$ 2.203	\$ 1.30	\$ .903
Training, Gas Masks	1.218	.775	.443
Gas Mask, Canisters	.22	.2125	.0075

**GAS MASKS:** The delivery of gas masks for this week is lower than that reported the previous week. There were no Service Masks delivered during the week, but there were 2,000 (each) Diaphragm and Optical Masks, and 22,680 Training Masks delivered. Edgewood Arsenal is exerting its entire effort on the completion of the Diaphragm and Optical Gas Masks.

**EXTRA GAS MASK CANISTERS:** No deliveries have been reported on Extra Gas Mask Canisters because of the critical shortage of Whetlerite.

The weekly output of Mustard Gas amounted to 43 tons. This low production is primarily caused by the transfer of skilled labor from mustard production to Ordnance shell filling.

Some 52 tons of White Phosphorus have been received during the week making the total tonnage 207.5, delivered at Edgewood Arsenal.

There were 680 D. M. Irritant Candles and 7.8 tons of Impregnite "I" reported as being delivered during this week.

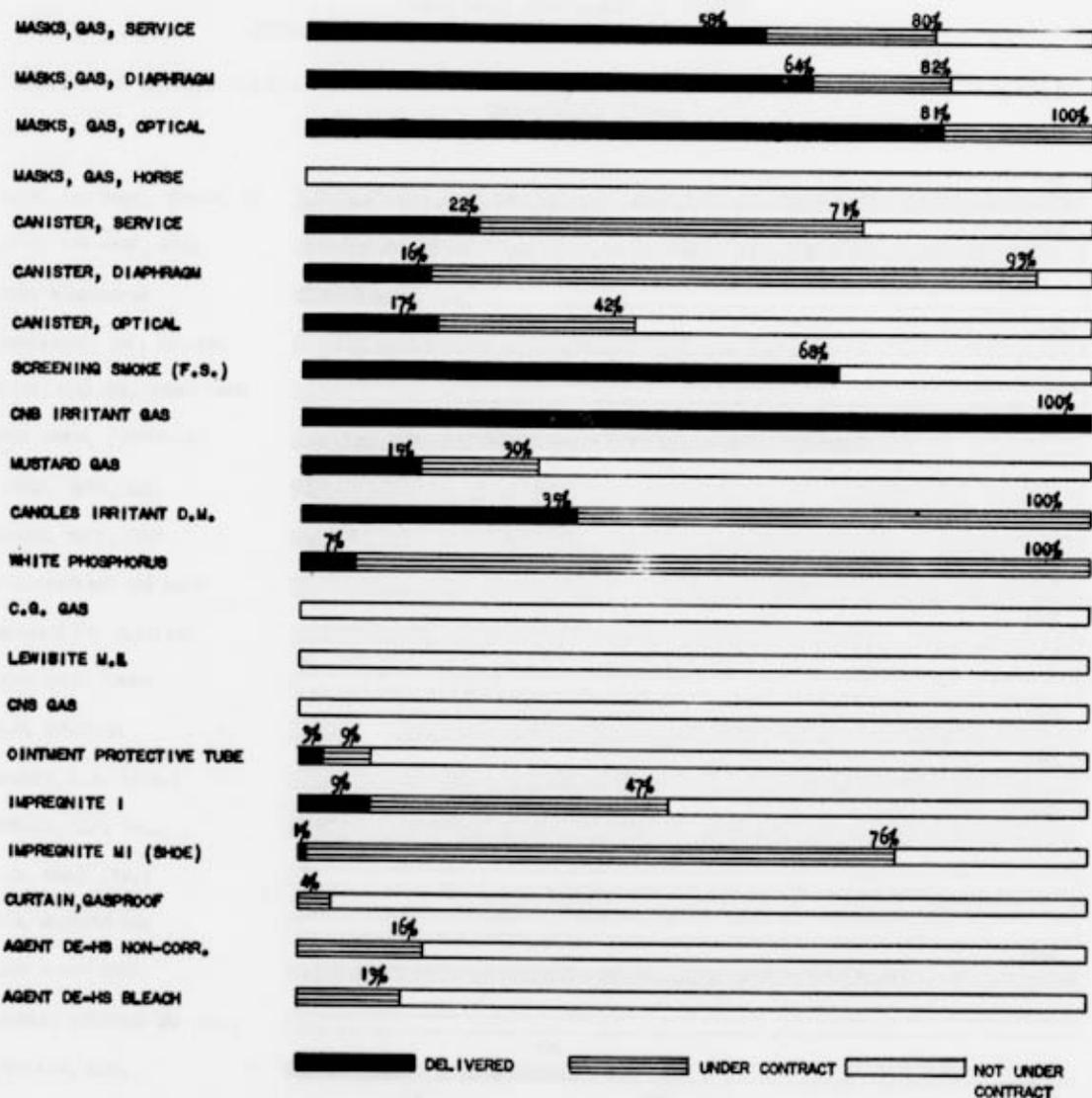
The office, of the Chief of Chemical Warfare Service, is now being reorganized under its new chief, Major General W. Porter.

It is expected that all the 1942 contracts will be scheduled within the next few weeks by the Chemical Warfare Procurement Division.

DELIVERY PROGRESS OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41-42

Source of Information: Chemical Warfare Service  
Critical Items

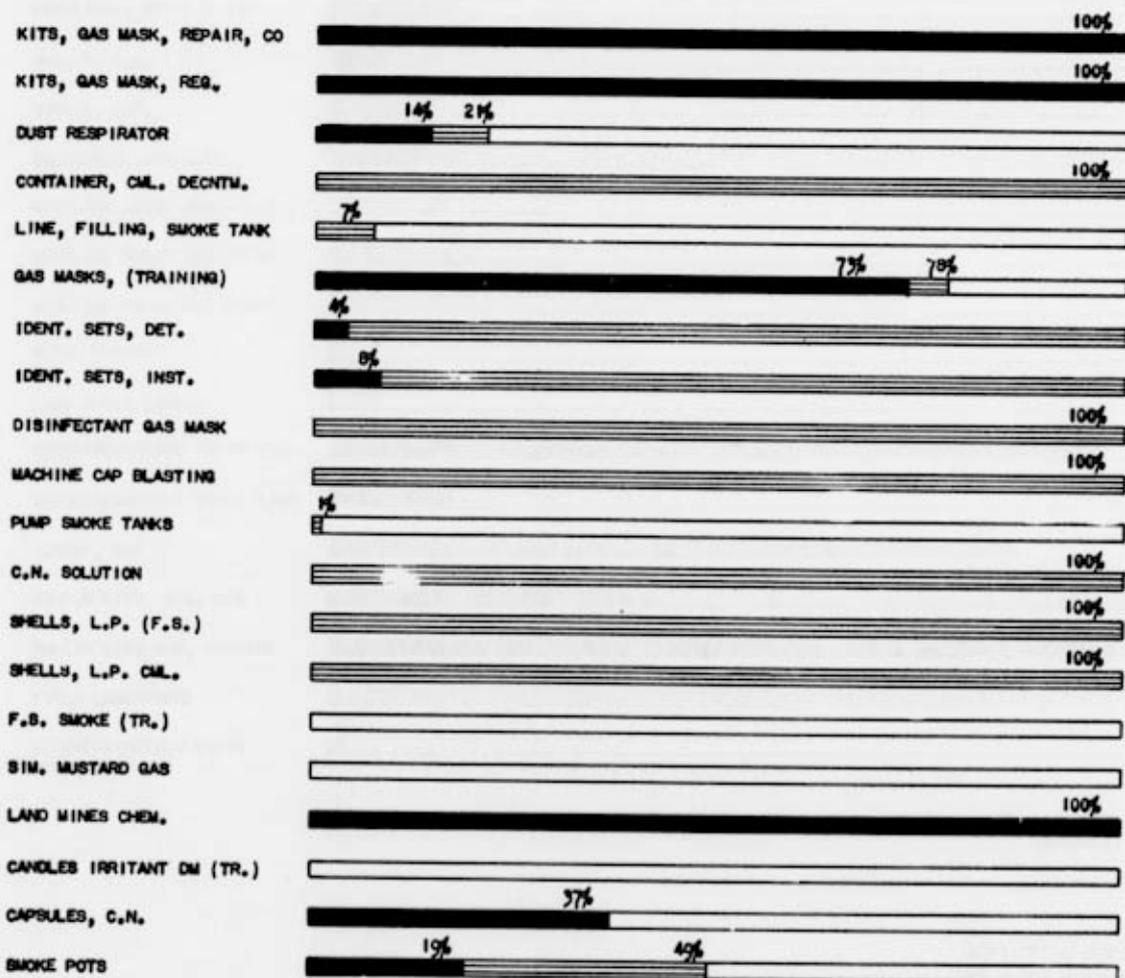
July 11, 1941



DELIVERY PROGRESS OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41-42

Source of Information: Chemical Warfare Service  
Essential Items

July 11, 1941

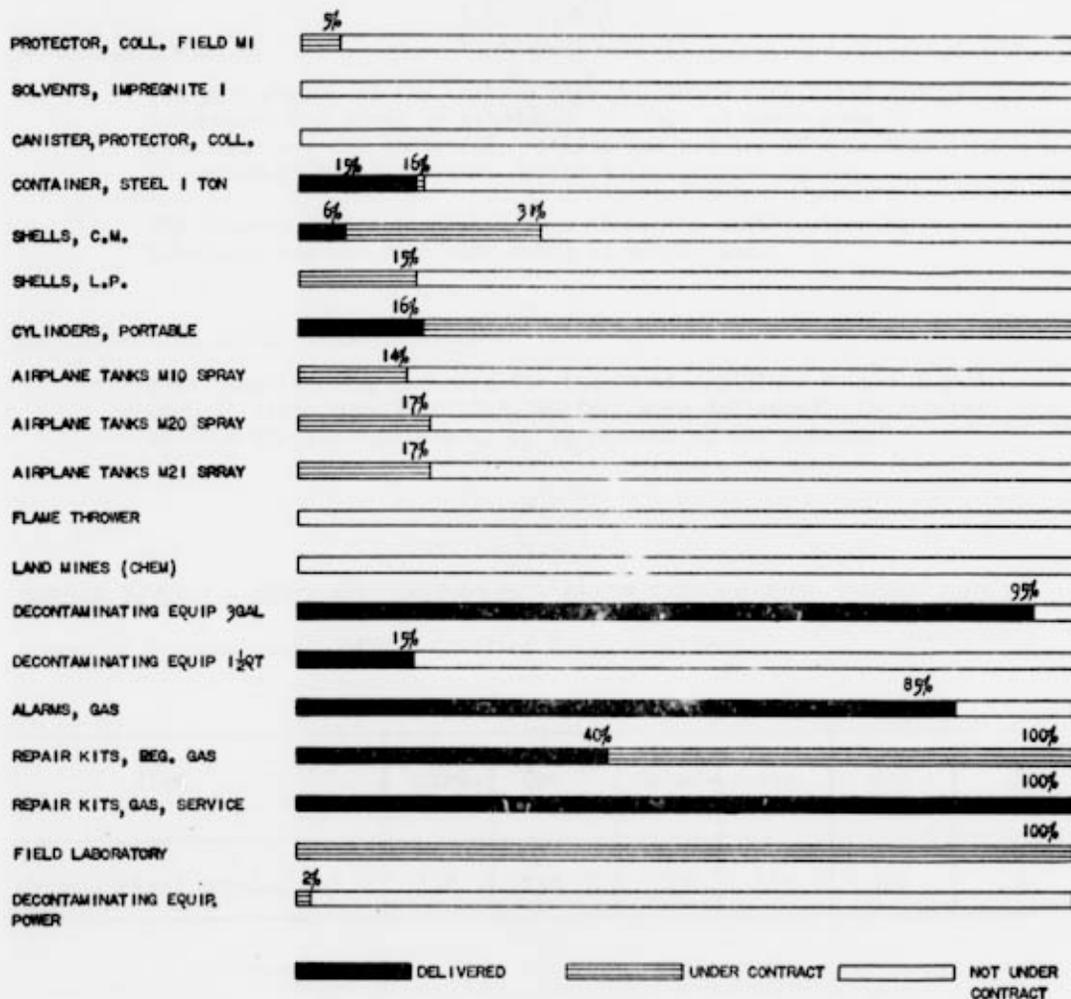


DELIVERED
  UNDER CONTRACT
  NOT UNDER CONTRACT

DELIVERY PROGRESS OF MAJOR  
CHEMICAL WARFARE ITEMS FOR FISCAL YEARS 1940-41-42

Source of Information: Chemical Warfare Service  
Critical Items (Cont.)

July 11, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JULY 15, 1941

Source of Information: Office, Chief of Coast Artillery

CONTROL PANELS, M-3

The procurement of the control panels for the mine field groups is progressing ahead of schedule. On July 15 there were 79 scheduled and 116 delivered. Deliveries now are 37 more than the schedule and 84 percent of the total program of 138.

The diagram on the following page shows the distribution by locations and the scheduled dates of completion.

SUBMARINE MINE CABLE - BEHIND SCHEDULE

This item is being procured for the Coast Artillery by the Signal Corps. Since June 30, 245,750 feet were delivered. Deliveries to date are 3,336,610 feet, or 92 percent of the program.

TABULAR SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH JULY 15, 1941

Source of Information: Office, Chief of Coast Artillery

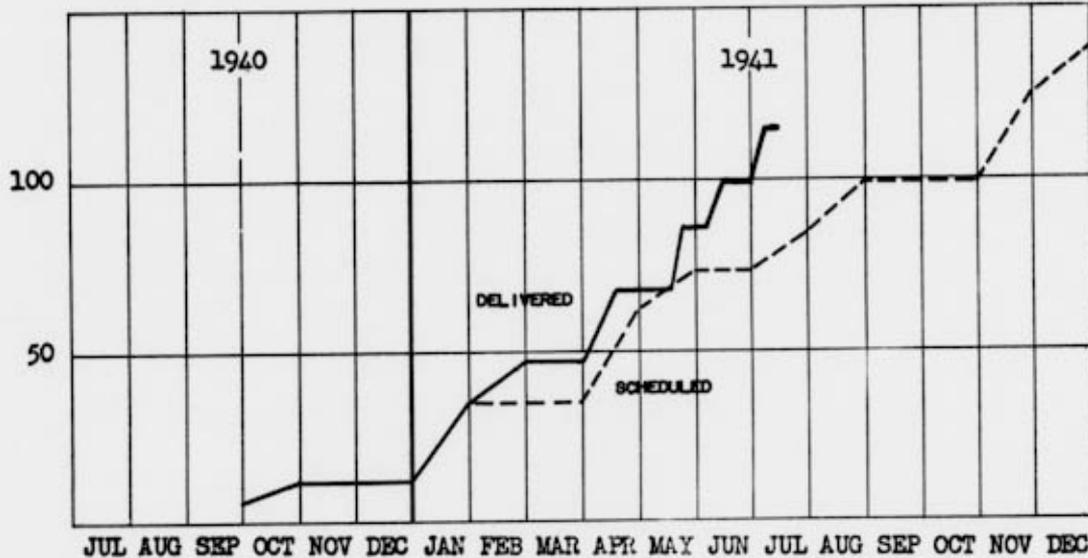
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Actual July 15	Contracted	Delivered
Group control panels, M-3	138	138	79	116	100	84

SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT THROUGH JULY 15, 1941

Source of Information: Office of the Chief of Coast Artillery

Group control panels, M-3

Program: 138



Delivery schedule

Harbor defense of:	1940				1941											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Boston	5#								4#							
Sandy Hook					23#											
Columbia River									7#							
Southern New York												4				
Portsmouth		6#														
Chesapeake Bay								28#								
Narragansett Bay											12#					
Portland												10#				
Delaware Bay															25*	
San Francisco Bay																14
Total scheduled	5	11	11	11	34	34	34	62	73	73	85	99	99	99	124	138
Actual deliveries	5	11	11	11	34	47	47	69	85	100	116					

# delivered

\* 21 of 25 delivered

**SECRET**

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OFFICER TO WHOM ISSUED AND LOCKED  
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*PSF  
War*

## WEEKLY STATISTICAL REPORT

No. 4

**RELEASED**

*Leonard P. Ayres*  
BRIGADIER GENERAL LEONARD P. AYRES  
DIRECTOR, STATISTICS BRANCH

# SUMMARY

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WAR DEPARTMENT

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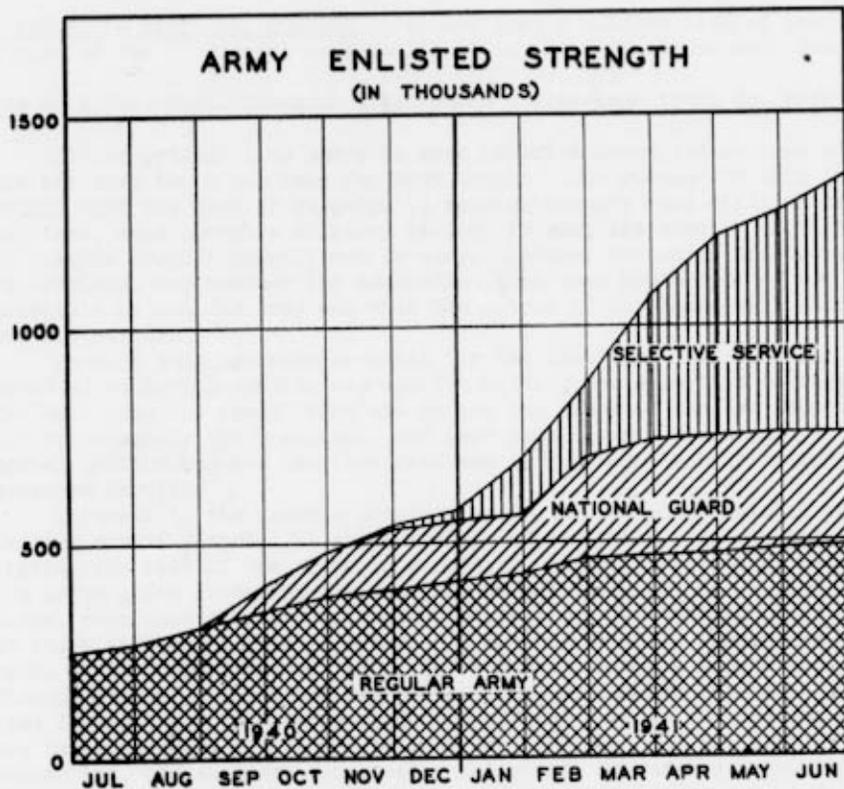
Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY

REPORT NO.4

JULY 26, 1941

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The basis for computing requirements for many articles to be procured is the estimated army strength by months. The data from July, 1940 through June, 1941 are shown in the diagram and table. They refer to enlisted strength as of the end of each month.

	Total		Total
July, 1940	268,941	Jan., 1941	693,578
Aug.	302,968	Feb.	873,667
Sept.	407,613	Mar.	1,068,030
Oct.	483,218	Apr.	1,205,873
Nov.	540,695	May	1,265,211
Dec.	573,520	June	1,348,004

Source of Information: Statistics Branch, General Staff, July 18, 1941.

TEXT SUMMARY - EDITORIAL COMMENT - Talled from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. July 23, 1941

At the present time there is more optimism about the outcome of the war than there has been for many months. One reason for this is the belief that the Russian campaign is causing Germany real difficulties and that, even though a military victory is won, the ensuing organization of Russian production will not be easy. Another reason is the decrease in sinkings, and another the conviction that mass production of our war materials is not far away and that the output of airplanes will shortly hit its stride.

Perhaps this optimism accounts for the fact that last week the trend of editorial opinion was against holding the selective service men for more than one year. That was before the views of the War Department, and subsequently the President, had been made clear. The trend of editorial opinion has now been reversed and is running strongly in favor of extended service.

Interest in the defense program, as Dr. Lippmann has pointed out, is like wavering spotlight which focuses on one phase and then another, leaving the rest of the scene in obscurity. Some few subjects, however, are never quite in darkness. Some ray of the spotlight is on them at all times, even when the beam is pointed elsewhere. The continuous interest in these subjects is, in some sense, a measure of their importance in the minds of the commentators. Among the subjects which have received continuous attention since the beginning of the defense program are: the need for cutting non-defense expenditures, the need to broaden the income tax base, the need to prevent price rises, the need for revision of the Wagner Act, and the need for greater delegation of defense authority.

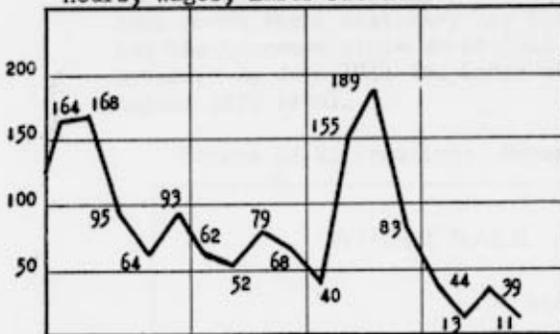
TABULAR SUMMARY

<u>THE EMERGENCY</u>	Tallies	<u>ECONOMICS, INFLATION</u>	<u>GENERAL CRITICISM</u>		
For holding selectees	35	Danger of inflation	12	Defense organization	16
Against holding them	2	Inflation is here	2	Govt leadership	3
Against foreign service	2	Cut Govt. spending	10	Govt labor policy	1
For Iceland occupation	3	For Fed. Reserve plan	2	Govt economic policy	6
For joint occupation	1	For price-wage control	2	Govt aluminum policy	5
Against joint occupation	1	For a price control law	1	Congress shirking	2
For seizure bill	2	For Baruch plan	2	Training equipment lack	2
Against seizure bill	2	Price control is failing	5	Ship building slow	1
Seizure bill aids labor	1	For a ceiling on rents	1	General progress poor	1
For daylight saving time	3	For raw material control	7		
Against daylight time	3	Against forced savings	1	GENERAL COMMENDATION	12
For the black list	5	For Canadian plan	3	ORGANIZATION PROBLEMS	5
		Increase excise list	4	HOURS, WAGES, LABOR	11
		Against joint returns	1	GOVT. AND BUSINESS	4
<u>TREND TOWARD WAR</u>		Broaden the tax base	9	AID FOR BRITAIN	7
For going to war	1	Buy defense bonds	1	MATERIAL SHORTAGES	9
Do not go to war	4	No more social security	1	MISCELLANEOUS	5
We are trending	2				

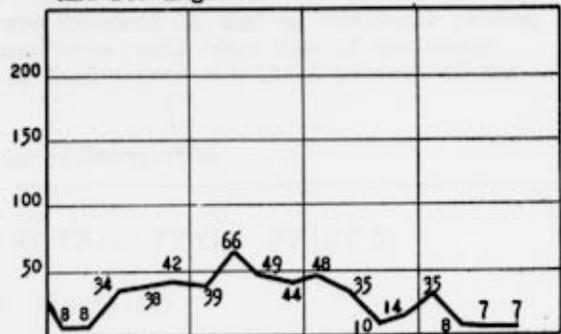
EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company

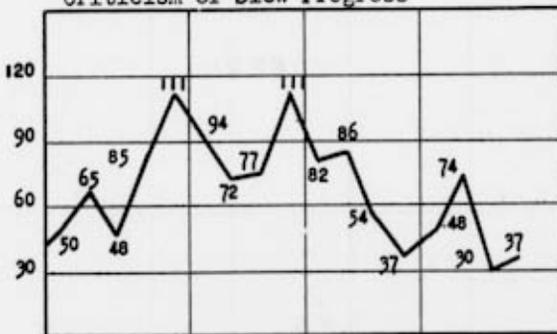
Hours, Wages, Labor Problems



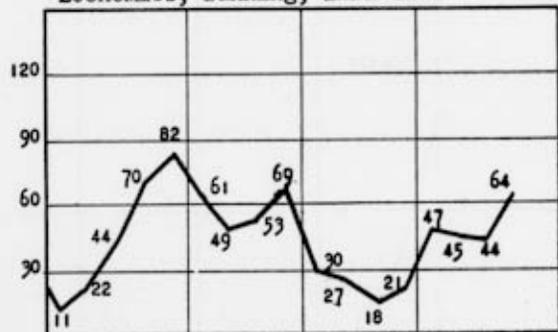
Aid for England



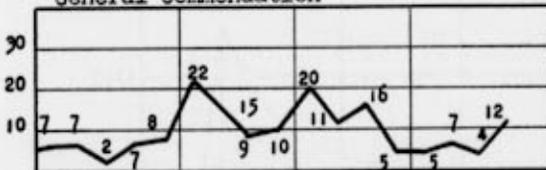
Criticism of Slow Progress



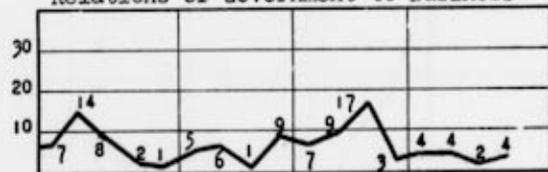
Economics, Banking, Inflation



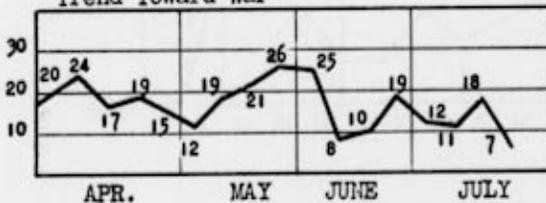
General Commendation



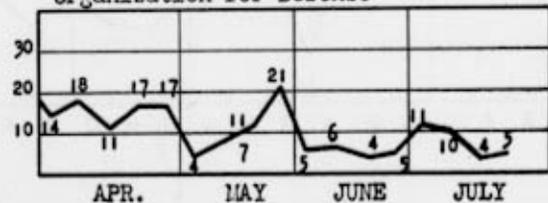
Relations of Government to Business



Trend Toward War



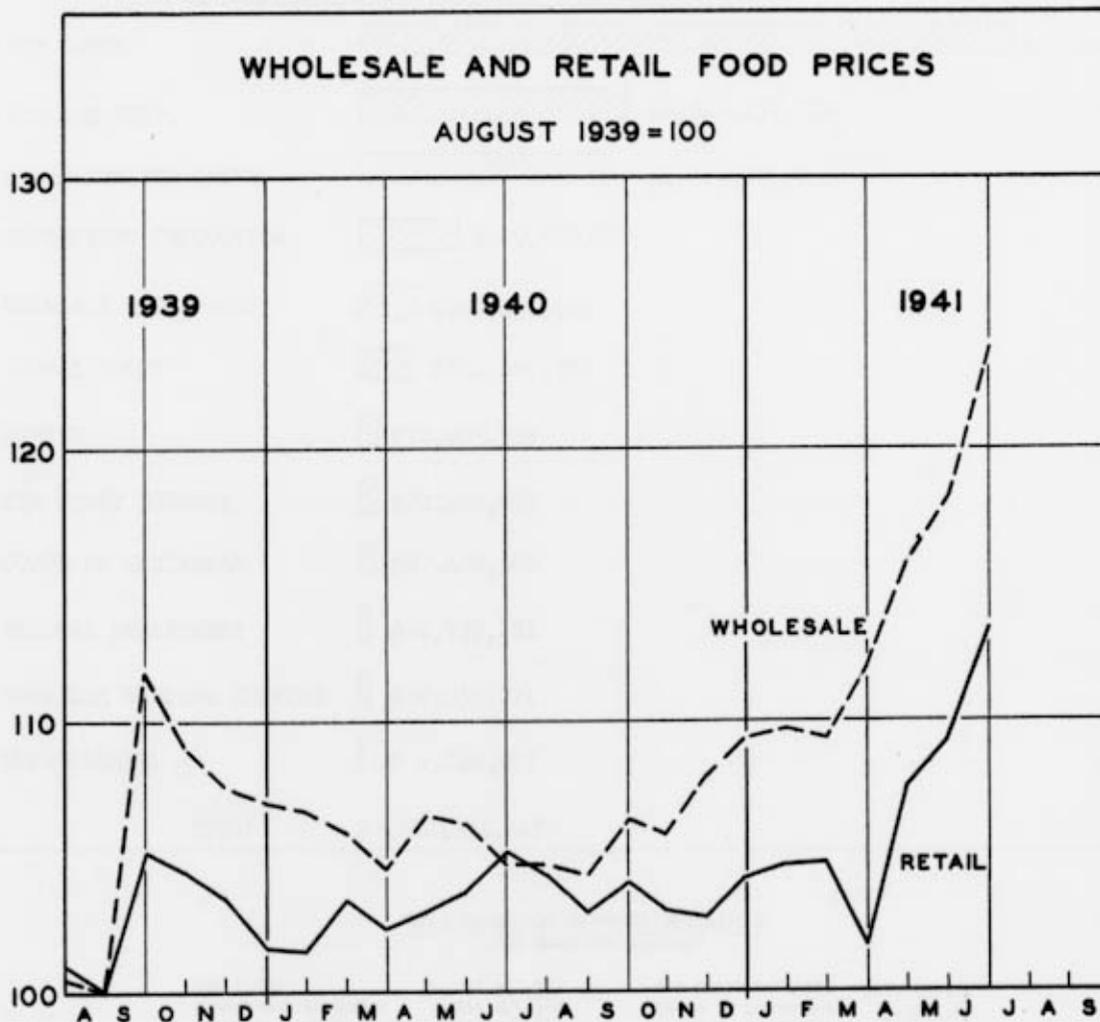
Organization for Defense



PRICES

Wholesale prices of foods have risen almost constantly since August 1940, and by June 1941 were 23.7 percent of the pre-war level. Retail prices of foods have shown their customary lag in increase compared to that of wholesale prices, but the increase since March 1941 has been more rapid than that of wholesale prices. In June 1941 the index of retail food prices was 113.3 percent of the August 1939 level.

Source of Information: Bureau of Labor Statistics



APPROPRIATIONS FOR THE MILITARY ESTABLISHMENT F.Y. 1942

Source of Information: Budget Office. War Department

Grand Total War Dept.	10,384,821,624
Contract Authorization	183,145,695
	<u>10,567,967,319</u>
Liquidations	- 3,357,373,076
Total Available	<u>7,210,594,243</u>

AMOUNTS AVAILABLE TO THE SERVICES, AND OTHERS

AIR CORPS		\$3,244,042,339
FINANCE DEPT.		\$1,316,237,718
QUARTERMASTER CORPS		\$1,229,713,745
EXPEDITING PRODUCTION		\$500,000,000
ORDNANCE DEPARTMENT		\$292,464,645
SIGNAL CORPS		\$254,460,776
OTHERS		\$97,963,338
SEA COAST DEFENSE		\$92,242,653
CORPS OF ENGINEERS		\$67,440,500
MEDICAL DEPARTMENT		\$54,753,181
CHEMICAL WARFARE SERVICE		\$52,057,271
DEPARTMENTAL		\$ 9,218,077
<b>TOTAL</b>		<b>\$7,210,594,243</b>

FOR LIQUIDATION OF PRIOR OBLIGATIONS  
(NOT SHOWN ON DIAGRAM)

AIR CORPS	\$1,201,951,978	SEA COAST DEFENSE	\$28,628,047
QUARTERMASTER CORPS	149,423,954	CORPS OF ENGINEERS	25,993,500
EXPEDITING PRODUCTION	771,896,000	MEDICAL DEPARTMENT	6,526,819
ORDNANCE DEPARTMENT	1,103,925,950	CHEMICAL WARFARE	2,845,634
SIGNAL CORPS	66,181,194		

Appropriations  
5

Statistics Branch  
OUSW -- 7-26-41

DEFENSE AID PROGRAM  
ALLOCATIONS

Period Ending

By Appropriation:	5-15-41	5-31-41	6-15-41	6-30-41
Ordnance	640,557,113	620,557,113	763,229,761	951,524,693
Aircraft, etc.	1,801,986,621	1,801,986,621	1,809,967,667	1,856,410,987
Misc. Military Equip't.	103,278,013	103,278,013	91,087,383	91,087,383
Tanks, etc.	289,858,550	318,180,800	331,807,080	333,275,330
Facilities	23,000,000	37,504,818	137,836,789	212,551,755
Commodities	2,511,103	2,511,103	9,912,739	29,247,892
Testing	3,828,880	3,828,880	18,803,108	20,803,108
Misc. Services	2,773,605	2,773,605	11,601,506	11,626,506
Administrative	--	--	3,300,000	3,300,000
<b>TOTAL</b>	<b>2,867,793,885</b>	<b>2,890,620,953</b>	<b>3,177,546,033</b>	<b>3,509,827,654</b>
<b>By Supply Arms &amp; Services:</b>				
Ordnance	878,134,113	889,206,350	1,105,911,192	1,336,010,243
Air Corps	1,810,100,209	1,810,100,209	1,841,785,020	1,888,578,505
Quartermaster	100,519,474	112,274,305	138,007,761	174,841,442
Chemical Warfare	6,739,800	6,739,800	6,739,800	7,609,800
Signal Corps	62,592,895	62,592,895	63,760,349	63,760,349
Corps of Engineers	9,707,394	9,707,394	9,741,911	9,741,911
Undistributable	--	--	10,800,000	29,285,404
<b>TOTAL</b>	<b>2,867,793,885</b>	<b>2,890,620,953</b>	<b>3,177,546,033</b>	<b>3,509,827,654</b>

Source of Information: Defense Aid Section, Statistics Branch  
7-23-41 JRMc/J

DEFENSE AID PROGRAM  
OBLIGATIONS INCURRED

Period Ending

By Appropriation:	5-15-41	5-31-41	6-15-41	6-30-41
Ordnance	27,986,892	45,043,524	130,431,241	246,352,737
Aircraft	81,179,966	355,602,011	458,476,186	1,170,792,379
Tanks, etc.	3,818,744	24,438,616	115,399,251	206,268,984
Misc. Military Equip.	3,265,453	7,389,010	15,339,270	42,699,935
Facilities	--	--	2,505,601	39,704,094
Commodities	--	--	436,680	436,680
Testing	--	--	--	--
Services	--	--	--	--
Administrative	--	--	--	--
<b>TOTAL</b>	<b>116,251,055</b>	<b>432,473,161</b>	<b>722,588,229</b>	<b>1,706,254,809</b>
By Supply Arms & Services:				
Ordnance	27,986,892	58,421,851	237,263,138	405,126,313
Air Corps	81,179,966	355,602,011	458,476,186	1,205,332,836
Chemical Warfare	--	369,550	3,398,287	3,969,537
Quartermaster	3,818,744	11,513,779	14,356,566	56,305,300
Corps of Engineers	1,169,146	1,260,114	1,671,699	2,795,146
Signal Corps	2,096,307	5,305,876	7,422,353	32,725,677
<b>TOTAL</b>	<b>116,251,055</b>	<b>432,473,161</b>	<b>722,588,229</b>	<b>1,706,254,809</b>

Source of Information: Defense Aid Section, Statistics Branch  
7-23-41 JRMc/J

Obligations Incurred  
7

Statistics Branch  
OUSW - 7-26-41

DEFENSE AID PROGRAM  
DELIVERIES TO FOREIGN GOVERNMENTS  
FROM DEFENSE AID SUPPLEMENTAL APPROPRIATION

Period Ending

By Appropriation:	5-15-41	5-31-41	6-15-41	6-30-41
Ordnance	--	--	165,886	263,886
Aircraft	--	--	168,112	168,322
Tanks, etc.	211,957	399,912	859,768	1,705,512
Misc. Military Equip.	--	21,866	39,359	39,359
<b>TOTAL</b>	<b>211,957</b>	<b>421,778</b>	<b>1,233,125</b>	<b>2,177,079</b>
By Supply Arms & Services:				
Ordnance	--	--	165,886	263,886
Air Corps	--	--	168,112	168,322
Quartermaster	211,957	399,912	859,768	1,705,512
Signal Corps	--	21,866	39,359	39,359
<b>TOTAL</b>	<b>211,957</b>	<b>421,778</b>	<b>1,233,125</b>	<b>2,177,079</b>

Source of Information: Defense Aid Section, Statistics Branch  
7-23-41 JRMc/J

DEFENSE AID PROGRAM  
DELIVERIES TO FOREIGN GOVERNMENTS  
FROM APPROPRIATIONS PRIOR TO MARCH 11, 1941

Period Ending

By Appropriation:	5-15-41	5-31-41	6-15-41	6-30-41
Ordnance	8,170,464	9,683,368	10,766,882	15,714,507
Aircraft	326,813	307,671	979,428	1,283,286
Tanks, etc.	5,257,045	7,223,515	8,088,960	9,488,021
Misc. Military Equip.	1,639,320	2,142,130	2,156,138	2,309,397
<b>TOTAL</b>	<b>15,393,642</b>	<b>19,356,684</b>	<b>21,991,408</b>	<b>28,795,211</b>
<b>By Supply Arms &amp; Services:</b>				
Ordnance	10,582,994	14,017,133	15,945,476	22,271,721
Air Corps	326,813	307,671	979,428	1,283,286
Quartermaster	2,844,515	2,889,750	2,910,366	2,930,807
Signal Corps	46,486	140,805	154,813	303,222
Corps of Engineers	177	177	177	177
Chemical Warfare	1,592,657	1,988,086	1,988,086	1,992,936
Medical Corps	--	13,062	13,062	13,062
<b>TOTAL</b>	<b>15,393,642</b>	<b>19,356,684</b>	<b>21,991,408</b>	<b>28,795,211</b>

Source of Information: Defense Aid Section, Statistics Branch  
7-23-41 JRMc/J

TEXT SUMMARY - JULY 26, 1941

Source of Information: Ordnance Department, General Staff, and OUSW

GENERAL

A three-fold increase in deliveries of equipment and ammunition in June, as compared with February, is shown by the indexes on the following page.

New shell loading plants are scheduled to raise September ammunition deliveries to thirteen times those in February. December deliveries of equipment are planned to be four times those in February, and ammunition deliveries about twenty-four times the February output.

EQUIPMENT

The more significant equipment items of which deliveries are behind schedule, are the 13-man personnel carrier, the 90mm antiaircraft gun, the 105mm howitzer, and the sub-machine gun. Production of the first three is just beginning. It is expected that deliveries will be brought up to schedule when quantity output is reached.

Items ahead of schedule in June and on a cumulative basis, include the medium tank, 75mm tank gun, 75mm pack howitzer, 155mm gun, and 60mm mortar.

The diagram on page 15 indicates that scout cars and 155mm howitzers are the only two ordnance items on hand in sufficient numbers to meet initial requirements of a force of 1,725,000 men. More than half of these requirements for the 75mm gun (modernization), the 75mm field and pack howitzers, caliber .30 ground machine guns, and 60mm mortar are on hand.

AMMUNITION

The letting of contracts for ammunition components and items is continuing in large volume.

Extensive research and development work on ammunition is being carried on by the Ordnance Department. Approximately one-hundred projects are summarized in the June report by the Assistant Chief, Industrial Service (Engineering).

Deliveries and scheduled deliveries of nine selected ammunition items are shown in the diagram on page 18. On June 30, 1941, only 927,379 complete rounds of 105mm H.E. shell were reported to have been ordered, and only 62,079 delivered. However, much larger quantities of the machined projectile, cartridge case and fuze had been ordered and delivered, as indicated below:

105MM H.E. SHELL  
(Unit 1,000) June 30, 1941

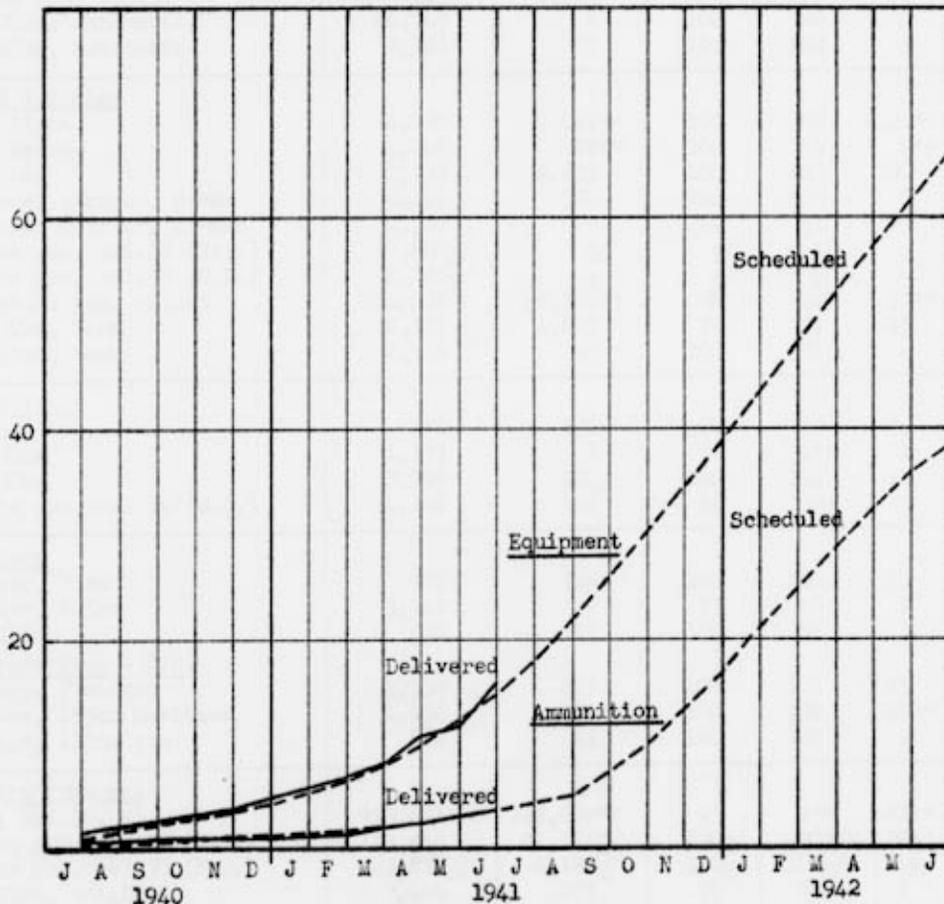
	Total On Program	On Order	% of Total	Delivered	% of Total
Complete Rounds	11,793	927	8	62	.5
Machined Projectile	11,793	6,650*	56	232	2
Cartridge Case	11,793	7,421*	63	876	7
Fuze	11,793	8,525*	72	1,172	10

\* May 31, 1941

PROCUREMENT INDEXES - JUNE 30, 1941

Source of Information: Production Branch, Ordnance Department & G-4

The indexes of equipment and ammunition represent the percentage completion of the current procurement program, including quantities in the Defense Aid Program reported by the Ordnance Department. The current procurement program consists of quantities being purchased with Fiscal Year 1940, 1941 and 1942 funds. Stocks of each item on hand prior to current procurement have been removed from these revised indexes in order to make them reflect solely the progress of current procurement.



	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
<u>CUA.</u>	2	2	3	3	4	5	6	7	8	11	12	16													
<u>EQUIP</u>	.8	2	3	3	4	4	5	7	8	10	12	15	18	22	26	31	35	39	44	49	53	58	62	66	
<u>AMMUN</u>	.5	.5	.7	.8	.9	1	1	1	2	3	3	4	4	5	7	10	13	17	21	25	29	33	36	39	
<u>SCH</u>	.4	.4	.6	.8	1	1	1	2	2	3	3	4	4	5	7	10	13	17	21	25	29	33	36	39	

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept. (Production)

Item	Total procurement program	Delivered thru June 30	Percent of total program			
			Contracted	Scheduled	Due	Delivered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	6,747**	100	100*	7**	7**
Machine gun, cal.50	165,127	8,884**	100	100*	6**	5**
Gun, 20mm, automatic	44,747	0	100	80	0	0
Gun, 37mm, automatic	2,188	33	100	100	1	2
<u>Combat Vehicles</u>						
Tank, light	4,090	1,087**	100	85	26**	27**
Tank, medium	4,748	88**	100	53	2**	2**
Scout car	2,733	2,633	100	100	100	96
Personnel carrier, 8-man	5,445	394	100	100	7	7
Personnel carrier, 13-man	4,302	5	100	91	3	-
Machine gun, cal.30 (Var.)	37,460 <sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>
Machine gun, cal.50 (H.B.)	8,025 <sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>	<sup>a/</sup>
Submachine gun, cal.45	251,397	28,104**	98	98*	17**	11**
Gun, 37mm, tank	8,427	1,421	72	71	15	17
Gun, 75mm, tank	2,764	50	100	91	-	2
<u>Antiaircraft</u>						
Gun, 3"	152	131	100	100	75	86
Gun, 90mm	1,271	1	95	95*	1	-
Gun, 37mm	3,195	424	100	100	12	13
Machine gun, cal.50 (W.C.)	14,168	668	84	100*	5	5
<u>Artillery</u>						
Howitzer, 75mm	958	118	100	100	10	12
Howitzer, 105mm	3,761	9	73	46	1	-
Gun, 155mm	492	17	100	68	3	3
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	1,330	487	100	100	35	37
Carriage, 155mm howitzer	1,436	866**	100	100	49**	60**
Carriage, 155mm gun	660	62	100	100	9	9
<u>Infantry Armament</u>						
Rifle, cal.30, M1	913,691	213,706**	93	93*	22**	23**
Machine gun, cal.30 (Var.)	113,850	31,175 <sup>b/</sup>	100 <sup>b/</sup>	90 <sup>b/</sup> *	28 <sup>b/</sup>	27 <sup>b/</sup>
Machine gun, cal.50 (H.B.)	29,879 <sup>b/</sup>	1,187 <sup>b/</sup>	100 <sup>b/</sup>	100 <sup>b/</sup> *	4 <sup>b/</sup>	4 <sup>b/</sup>
Gun, 37mm, antitank	9,464	479	67	67	5	5
Mortar, 60mm	10,162	3,786**	100	100	34**	37**
Mortar, 81mm	4,458	765**	100	77	16**	17**

<sup>a/</sup> Included in Infantry Armament. Deliveries not reported separately.

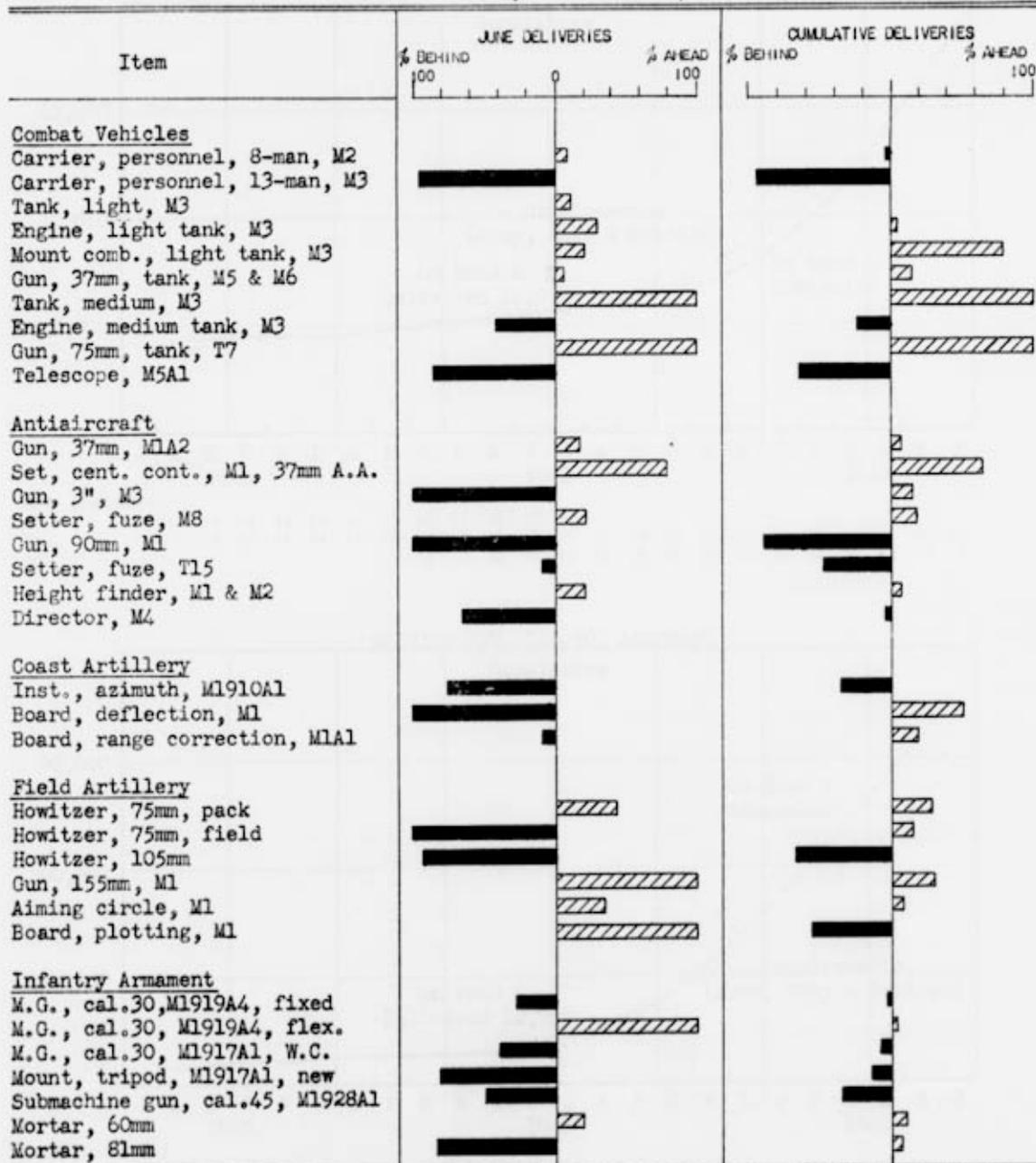
<sup>b/</sup> Figures include Armament for Combat Vehicles.

\* Partly tentative.

\*\* Thru July 15.

ORDNANCE DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

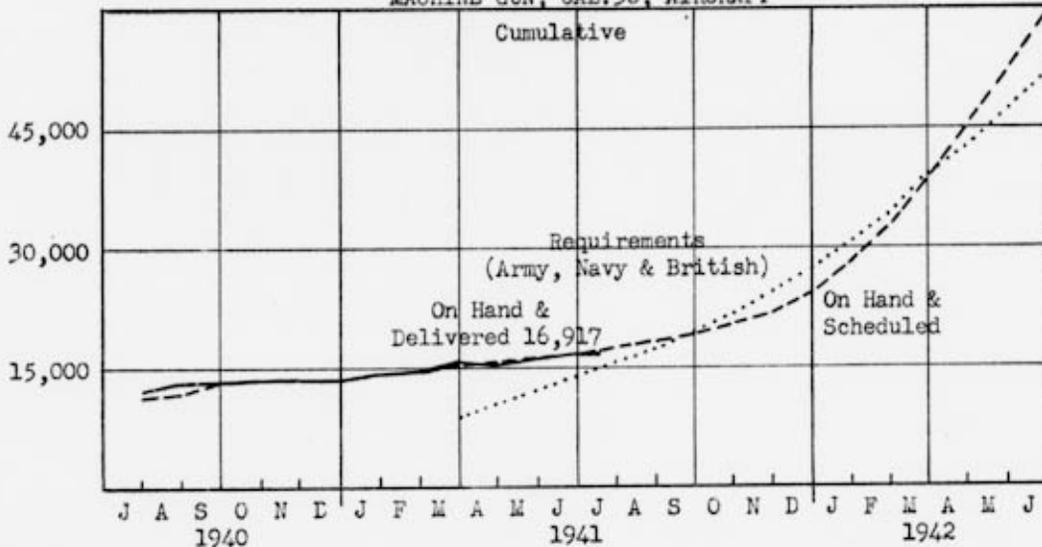


AIRCRAFT ARMAMENT - DELIVERIES & SCHEDULES - JULY 15, 1941

Source of Information: War Plans Div. & Industrial Service, Ord. Dept.; & O. P. M.

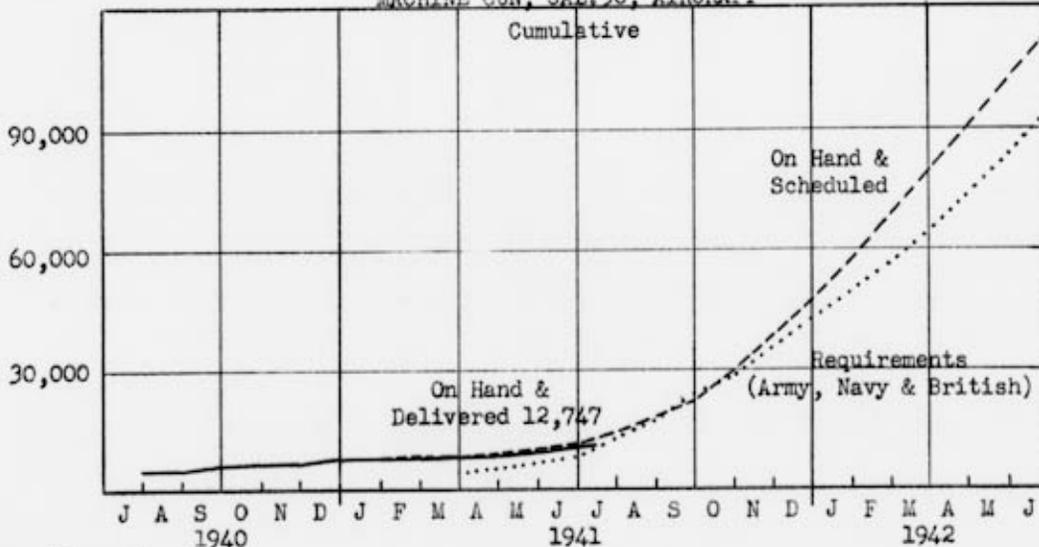
(Production for British Included)

MACHINE GUN, CAL.30, AIRCRAFT



Cum. (THOUSANDS)	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	
DEL.	12	13	14	14	14	14	14	15	16	16	16	17													
SCH.	11	12	14	14	14	14	14	15	16	16	17	18	18	19	20	22	24	28	33	30	45	52	59		
REQ.								9	10	12	14	16	17	19	21	24	27	31	34	38	43	47	52		

MACHINE GUN, CAL.50, AIRCRAFT



Cum. (THOUSANDS)	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
DEL.	5	5	6	6	7	7	7	7	8	9	10	12												
SCH.	5	5	6	6	7	7	7	8	8	9	10	12	15	18	23	30	36	47	58	68	80	91	102	113
REQ.								4	5	6	6	13	18	24	29	36	42	49	57	65	73	84	94	

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - JULY 23, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Initial Requirements 1,725,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements							
			%	0	20	40	60	80	100	
<u>Aircraft Armament</u>										
Machine gun, cal.30,fix.&fl.	28,792	8,704	30							
Machine gun, cal.50,fix.&fl.	55,344	4,031	7							
Gun, 20mm, automatic A.C.	1,691	0	0							
Gun, 37mm, automatic A.C.	1,475	53	4							
<u>Combat Vehicles</u>										
Tank, light	2,313	527	23							
Tank, medium	1,041	94	9							
Scout car	2,028	2,692	133							
Personnel carrier, 8-man	3,336	493	15							
Personnel carrier, 13-man	4,575	0	0							
Machine gun, cal.30 (Var.)	31,070 <sup>a/</sup>	<sup>a/</sup>	-							
Machine gun, cal.50 (H.B.)	5,485 <sup>a/</sup>	<sup>a/</sup>	-							
Submachine gun, cal.45	24,981	10,899	44							
Gun, 37mm, tank	3,434	847	25							
Gun, 75mm, tank	792	2	1							
<u>Antiaircraft</u>										
Gun, 3"	} 1,192	501	42							
Gun, 90mm		0								
Gun, 37mm, A.A.	2,745	362	13							
Machine gun, cal.50 (W.C.)	13,625	854	6							
<u>Artillery</u>										
Gun, 75mm (H.S.)	884	603	68							
Howitzer, 75mm, field & pack	213	187	88							
Howitzer, 105mm	1,952	57	3							
Gun, 155mm	43	4	9							
Gun, 155mm (H.S.)	657	144	22							
Howitzer, 155mm (H.S.)	744	1,106	149							
<u>Unmodified &amp; other models</u>										
Gun, 75mm	-	2,837	-							
Gun, 155mm	-	825	-							
Howitzer, 155mm	-	903	-							
<u>Infantry Armament</u>										
Rifle, cal.30, M1, semiauto	702,880	219,993	31							
Machine gun, cal.30 (Var.)	50,623	31,656	63							
Machine gun, cal.50 (H.B.)	14,252	1,929	14							
Gun, 37mm, antitank	4,693	695	15							
Mortar, 60mm	4,876	3,005	62							
Mortar, 81mm	2,460	827	34							

<sup>a/</sup> Included in Infantry Armament.

Statistics Branch  
OUSW - 7-26-41

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - JULY 23, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Total Requirements 3,000,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	39,463	8,704	22					
Machine gun, cal.50,fix.&fl.	135,263	4,031	3					
Gun, 20mm, automatic A.C.	4,903	0	0					
Gun, 37mm, automatic A.C.	2,880	53	2					
<u>Combat Vehicles</u>								
Tank, light	4,414	527	13					
Tank, medium	2,668	94	4					
Scout car	3,944	2,692	68					
Personnel carrier, 8-man	7,105	493	7					
Personnel carrier, 13-man	5,989	0	0					
Machine gun, cal.30 (Var.)	62,195 <sup>a/</sup>	<sup>a/</sup>	-					
Machine gun, cal.50 (H.B.)	11,704 <sup>a/</sup>	<sup>a/</sup>	-					
Submachine gun, cal.45	39,174	10,899	28					
Gun, 37mm, tank	7,272	847	12					
Gun, 75mm, tank	2,764	2	1					
<u>Antiaircraft</u>								
Gun, 3"	} 1,795	501	28					
Gun, 90mm		0						
Gun, 37mm, A.A.	3,880	362	9					
Machine gun, cal.50 (W.C.)	16,938	854	5					
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,471	603	41					
Howitzer, 75mm, field & pack	267	187	70					
Howitzer, 105mm	3,215	57	2					
Gun, 155mm	249	4	2					
Gun, 155mm (H.S.)	909	144	16					
Howitzer, 155mm (H.S.)	1,041	1,106	106					
<u>Unmodified &amp; other models</u>								
Gun, 75mm	-	2,837	-					
Gun, 155mm	-	825	-					
Howitzer, 155mm	-	903	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto	1,279,751	219,993	17					
Machine gun, cal.30 (Var.)	96,649	31,656	33					
Machine gun, cal.50 (H.B.)	29,243	1,929	7					
Gun, 37mm, antitank	8,112	695	9					
Mortar, 60mm	7,589	3,005	40					
Mortar, 81mm	4,327	827	19					

<sup>a/</sup> Included in Infantry Armament.

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

Item	Total procurement program (THOUSANDS)	Delivered thru June 30 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	1,719	28	94	94	2	2
Bomb, demo., 100#, 300#, 500#	1,315	56	47	47	5	4
Bomb, demo., 100C#	15	2	72	72	0	12
Bomb, g & s, 30#, 100#	376	3	16	16	1	1
Shot & shell, 20mm	32,502	0	0	0	0	0
Shell, H.E., 37mm	1,890	59	65	65	3	3
Flares	874	147	30	30	22	17
Signals	2,057	561	33	33	27	27
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	12,786	22	19	19	-	-
Shell, 3", H.E.	2,267	69	57	57	4	3
Shell, 90mm, H.E.	3,053	0	54	54	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,372	97	86	86	7	7
Shell, g & s, 75mm gun	1,108	5	98	98	-	-
Shot, A.P., 75mm gun	3,956	0	2	2	0	0
Shell, H.E., 75mm how.	4,279	216	59	59	5	5
Shell, H.E., 105mm how.	11,793	62	8	8	-	-
Shell, H.E., 155mm gun, M1	1,001	0	16	16	0	0
Charge, prop., 155mm gun	446	82	80	80	18	18
Shell, H.E., 155mm how.	4,299	5	36	36	-	-
Shell, g & s, 155 mm how.	1,224	261	66	66	23	21
Charge, prop., 155mm how.	5,753	656	69	69	12	11
Primer, 21 gr.	8,153	299	82	82	4	4
Fuzes (All)	11,777	3,053	49	49	26	26
<u>Infantry</u>						
Cartridge, cal.30	4,166,444	416,614**	91	91*	10**	10**
Links, met. belt, cal.30	1,011,225	82,323	81	81*	9	8
Cartridge, cal.45	606,476	115,736	100	100*	18	19
Cartridge, cal.50	905,459	50,594**	94	94*	6**	6**
Links, met. belt, cal.50	2,444,921	40,313	89	89*	2	2
Shot & shell, 37mm	28,688	229	13	13	1	1
Shell, H.E., 60mm	8,882	33	31	31	-	-
Shell, H.E., 81mm	3,764	116	3	3	3	3
Shell, smoke, 81mm	426	0	0	0	0	0
Grenade, H.E., frag.	1,561	71	100	100	5	5
Signal, ground	3,215	327	53	53	13	10
Mine, antitank	2,050	0	2	2	0	0

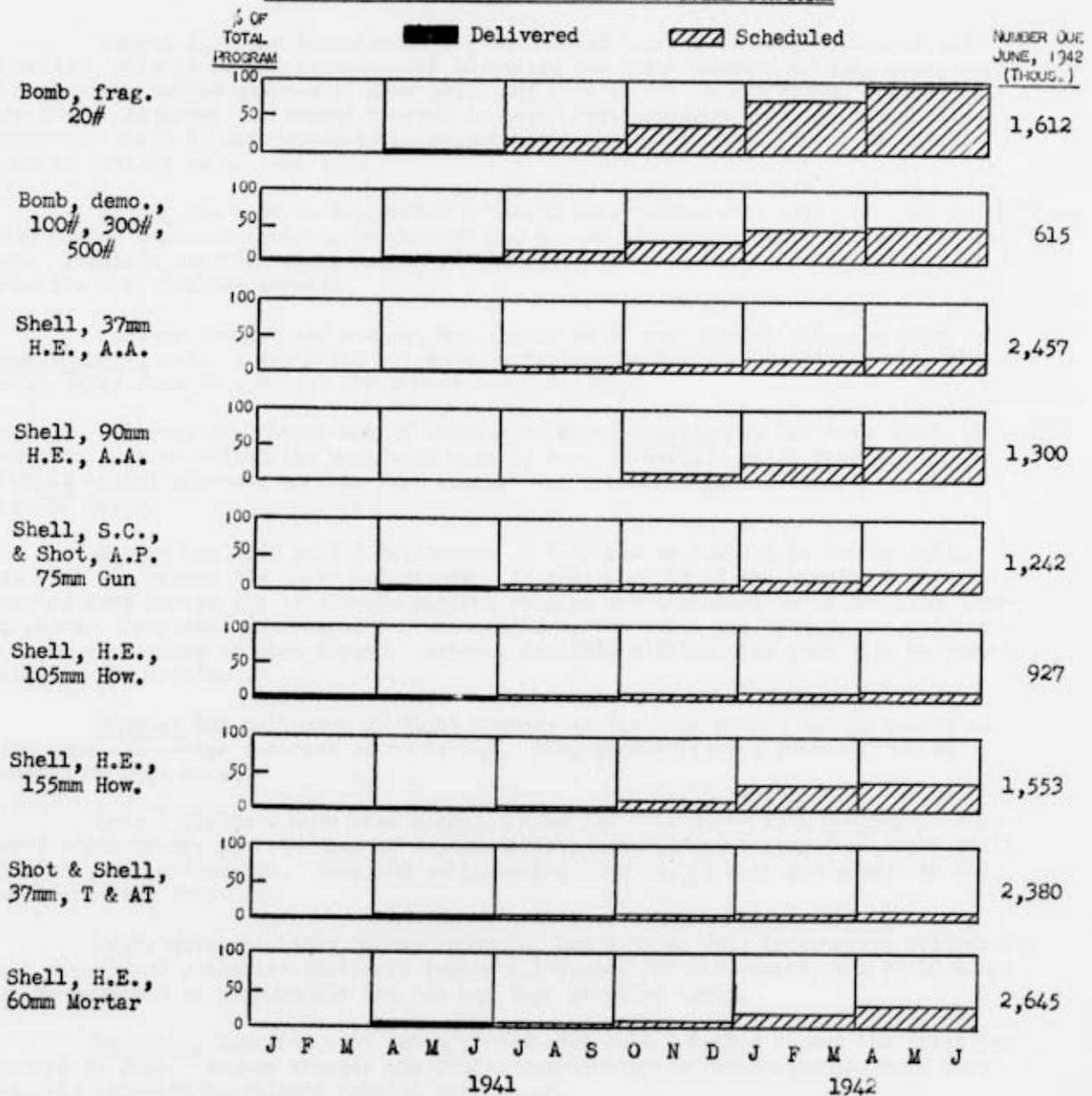
\* Partly tentative.

\*\* Thru July 15, 1941

AMMUNITION - DELIVERIES AND SCHEDULES OF SELECTED ITEMS - JUNE 30, 1941

Source of Information: Office Asst. Chief, Ind. Service, Ord. Dept.(Production)

PRESENT AND PROJECTED PROGRESS OF TOTAL PROGRAM



TEXT SUMMARY - AIRCRAFT PROCUREMENT - JULY 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Combat airplane acceptances for the second quarter of July 1941 totalled 31 units. This is an improvement over 10 during the first quarter of July 1941, over 11 during the second quarter of June 1941, and over 11 during the second quarter of July 1940. Although the second quarter is never distinguished by large combat acceptances, there is unfortunately no reason to look for the usual end-of-the-month spurt in deliveries of this type.

Boeing has made no deliveries of B-17E heavy bombers to date. It was 42 units behind contract schedule on June 30 and has an additional quota of 30 units for July. Aluminum, machine tool, labor, and subcontractor delivery shortages continue to be the principal deterrents.

Factory changes and moving, and tardiness of engineering releases delay Consolidated's B-24C's and B-24D's. With no deliveries to date, contracts were overdue 16 units June 30 and call for 8 more units in July.

Delivery of 7 B-25A medium bombers by North American so far this month is favorable, but no deliveries have been made to date of B-25B's which were lagging 20 units behind schedule on June 30. Change-over to turret installation is a factor in B-25B delay.

Martin has made only 8 deliveries of B-26 medium bombers so far in July. This will not reduce its large deficiency. In addition, 83 of the airplanes already accepted from Martin are in storage pending receipt and installation of modified landing gears. Propeller deliveries for unaccepted Martin units are behind, but are not as seriously needed as oleo struts. Exhaust manifold difficulties must also be corrected in the B-26's.

Douglas has delivered 19 light bombers so far this month, but no A-20's of which type the entire contract of 60 is due. Wing structures are currently being reworked on this model.

Only 4 fighters have been accepted thus far this month from Lockheed. Improper engineering, poor tooling of subassemblies, and malfunctioning fuel tanks still retard fighter production. Some 102 units behind June 30, 51 more are scheduled for Lockheed during July.

Bell, which is badly behind schedule, has made no July interceptor deliveries. While engine and propeller shortages appear alleviated for the moment, all P-39D wings must be reworked to accommodate the new bag type gasoline tanks.

Republic, likewise very behind, delivered only 2 P-43's during the first two quarters of July. Engine changes and faulty coordination of subcontractor work have seriously affected Republic's rate of production.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - JULY 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Current programs (a)	Under contract	Percent of programs under contract	Delivered 7/15/41	Pending (less awards)		
					F.Y. 1941 "B" program modified	10,375 Fifth Supp. modified	12,000 program modified
<u>Airplanes</u>							
Heavy bomber	4,902	2,246	46	91	-	-	2,656
Medium bomber	5,816	4,616	79	206	-	-	1,200
Light bomber	1,882	1,382	73	170	500	-	-
Pursuit, fighter	1,859	709	38	30	-	-	1,150
Pursuit, interceptor	9,244	4,394	48	734	-	-	4,850
Observation	533	533	100	97	-	-	-
Transport	1,358	1,118	82	41	-	-	240
Amphibian	74	74	100	0	-	-	-
Reconnaissance	17	17	100	14	-	-	-
Total Tactical	25,685	15,089	59	1,383	500	-	10,096
<u>Trainers</u>							
Primary trainer	5,940	5,490	92	1,801	-	-	450
Basic trainer	6,151	5,051	82	1,148	-	-	1,100
Adv. trainer, 1-eng.	3,657	3,297	90	638	-	-	360
Adv. trainer, 2-eng.	3,682	2,632	71	85	-	-	1,050
Total Trainer	19,430	16,470	85	3,672	-	-	2,960
Grand Total	45,115	31,559	70	5,055	500	-	13,056
<u>Engines</u>							
Heavy bomber	19,612	7,468	38	1,449	-	1,520	10,624
Medium bomber	12,432	4,420	36	841	12	4,800	3,200
Light bomber	3,576	2,576	72	738	1,000	-	-
Pursuit, fighter	3,720	1,394	37	149	26	-	2,300
Pursuit, interceptor	9,244	4,394	48	1,016	-	-	4,850
Observation	533	533	100	351	-	-	-
Transport	2,838	1,602	56	112	208	548	480
Amphibian	148	148	100	0	-	-	-
Reconnaissance	34	34	100	34	-	-	-
Total Tactical	52,137	22,569	43	4,690	1,246	6,868	21,454
<u>Trainers</u>							
Primary trainer	5,940	5,490	92	2,450	-	-	450
Basic trainer	6,151	3,051	50	1,316	-	2,000	1,100
Adv. trainer, 1-eng.	3,657	2,297	63	1,271	-	1,000	360
Adv. trainer, 2-eng.	7,364	2,164	29	777	-	3,100	2,100
Total Trainer	23,112	13,002	56	5,814	-	6,100	4,010
Grand Total	75,249	35,571	47	10,504	1,246	12,968	25,464

(a) Project airplane contracts current June 30, 1940, with matching installation engine contracts - plus F.Y. 1941-1942 programs for project airplanes and installation engines.

Note: "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.

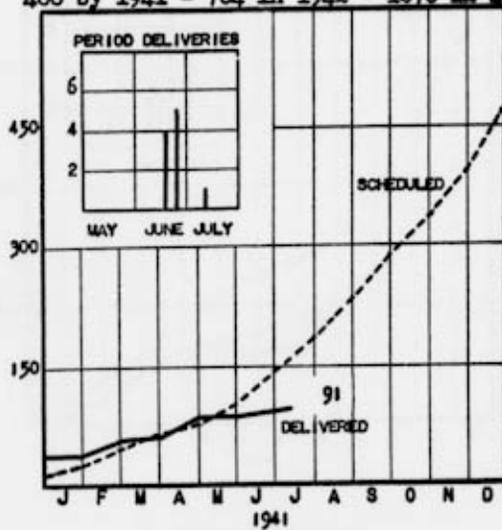
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## PROJECT AIRPLANES

2246 HEAVY BOMBER

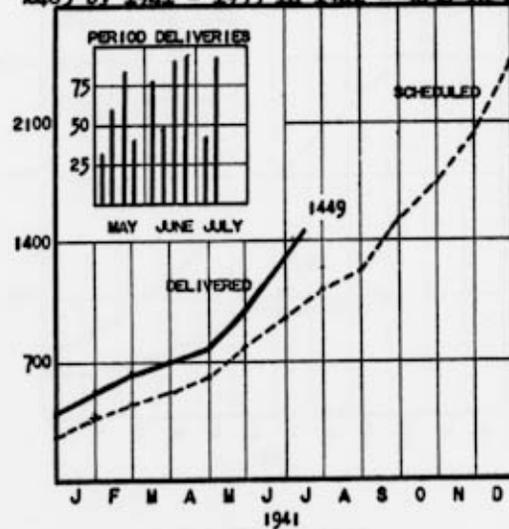
466 by 1941 - 704 in 1942 - 1076 in 1943



## INSTALLATION ENGINES

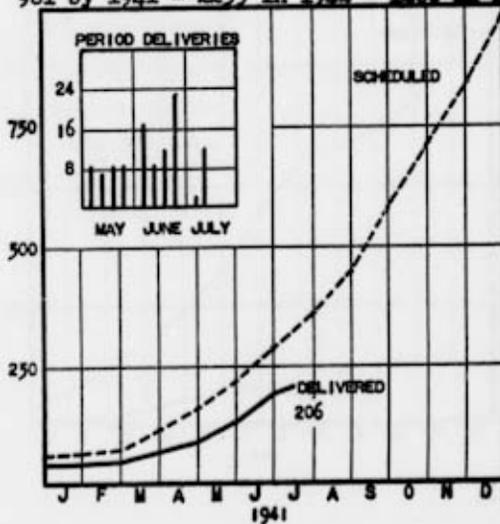
7468 HEAVY BOMBER

2485 by 1941 - 1953 in 1942 - 3030 in 1943



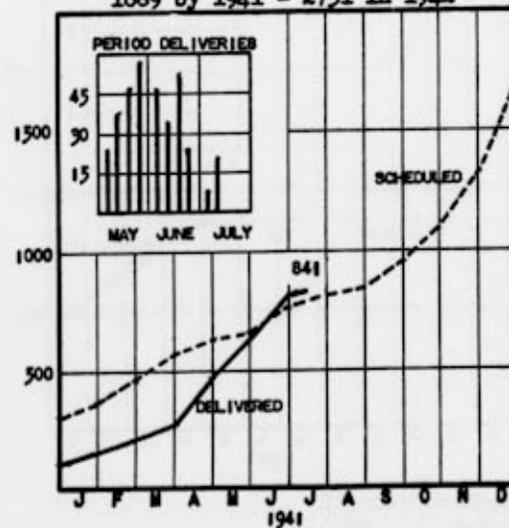
4616 MEDIUM BOMBER

981 by 1941 - 2235 in 1942 - 1400 in 1943



4420 MEDIUM BOMBER

1689 by 1941 - 2731 in 1942

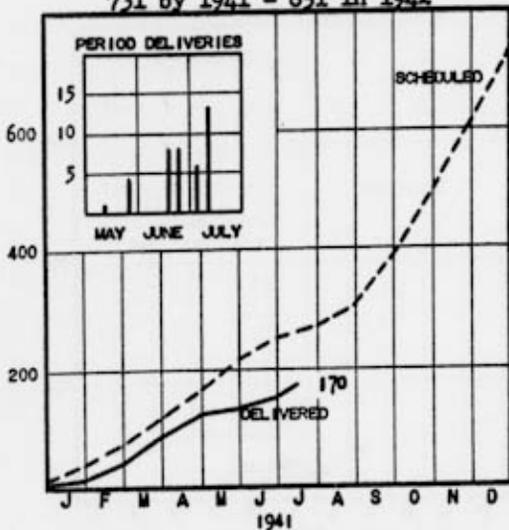


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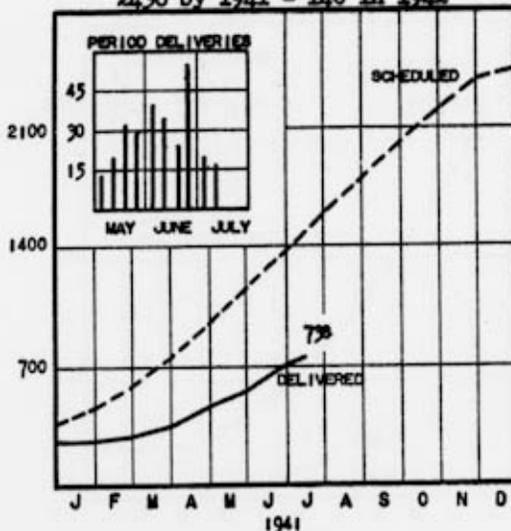
### PROJECT AIRPLANES

1382 LIGHT BOMBER  
731 by 1941 - 651 in 1942

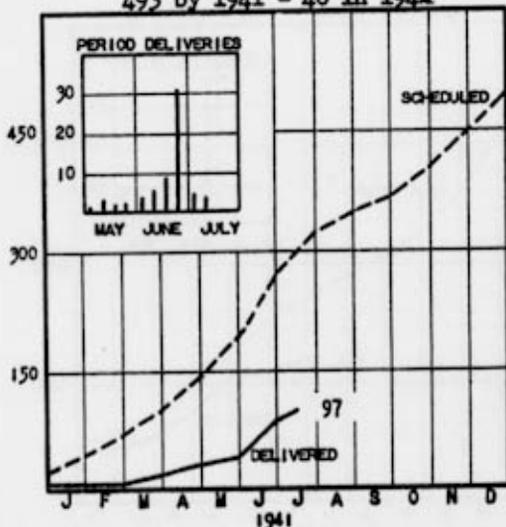


### INSTALLATION ENGINES

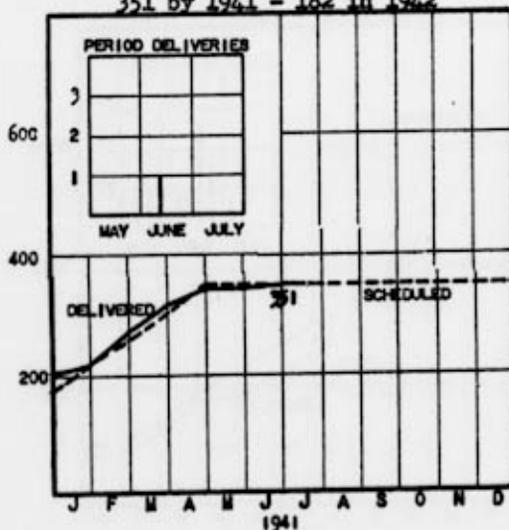
2576 LIGHT BOMBER  
2436 by 1941 - 140 in 1942



533 OBSERVATION  
493 by 1941 - 40 in 1942



533 OBSERVATION  
351 by 1941 - 182 in 1942



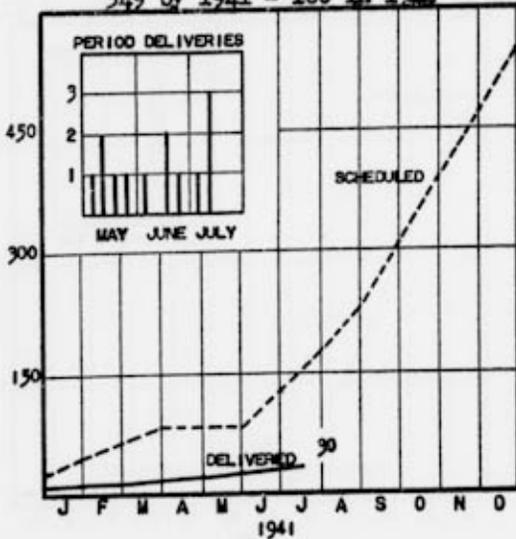
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## PROJECT AIRPLANES

709 PURSUIT FIGHTER

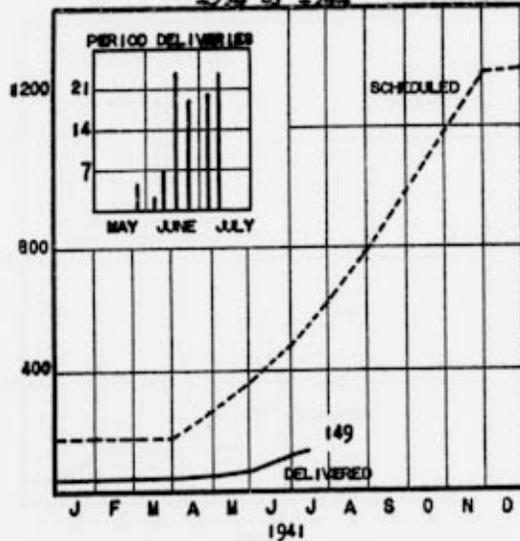
549 by 1941 - 160 in 1942



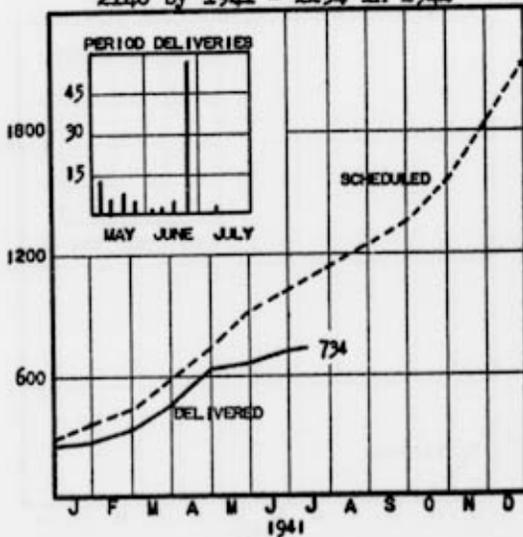
## INSTALLATION ENGINES

1394 PURSUIT FIGHTER

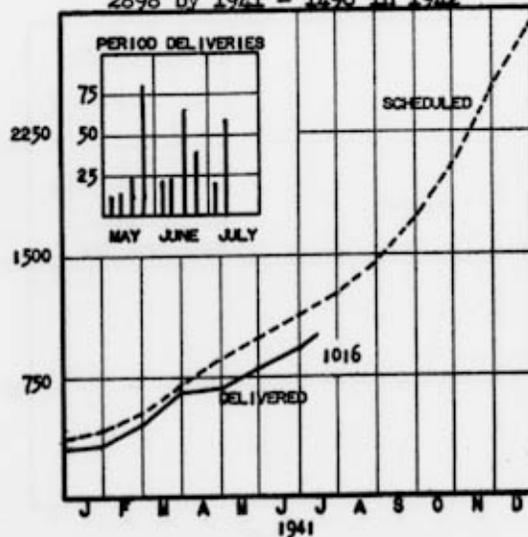
1394 by 1941



4394 PURSUIT INTERCEPTOR  
2140 by 1941 - 2254 in 1942



4394 PURSUIT INTERCEPTOR  
2898 by 1941 - 1496 in 1942



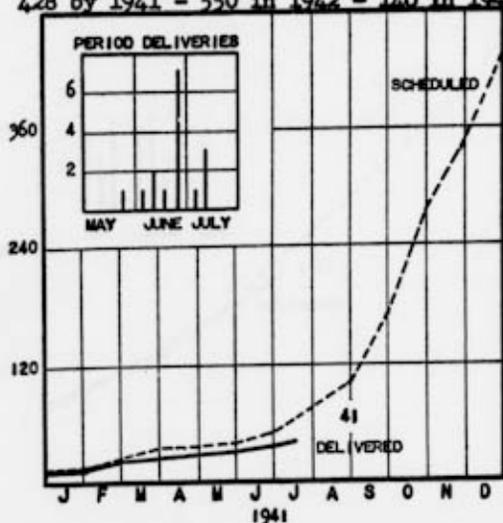
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### PROJECT AIRPLANES

1118 TRANSPORT

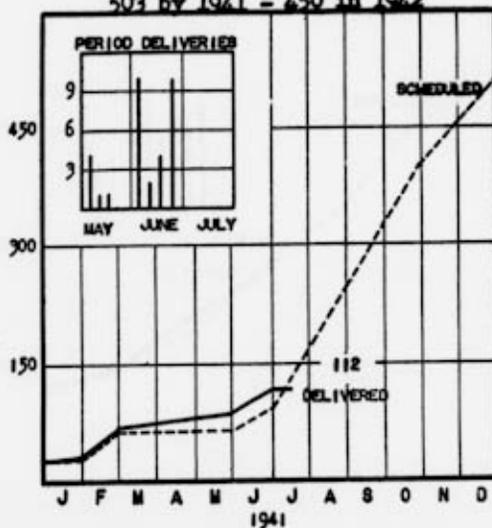
428 by 1941 - 550 in 1942 - 140 in 1943



### INSTALLATION ENGINES

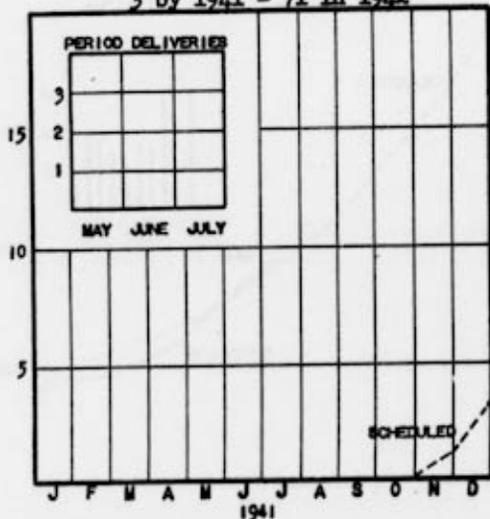
1602 TRANSPORT

503 by 1941 - 450 in 1942



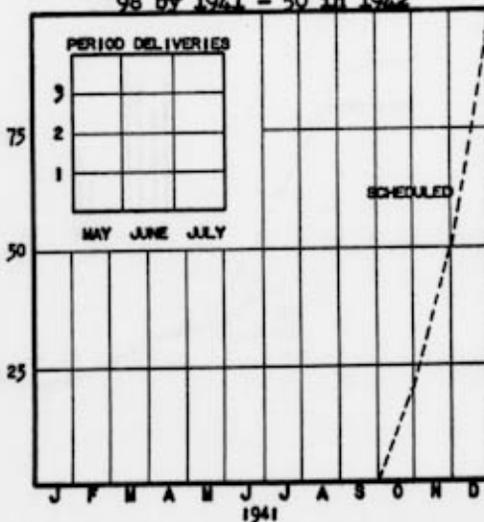
74 AMPHIBIAN

3 by 1941 - 71 in 1942



148 AMPHIBIAN

98 by 1941 - 50 in 1942

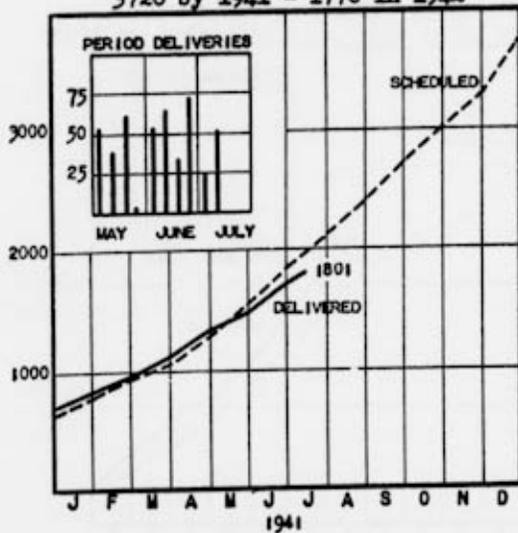


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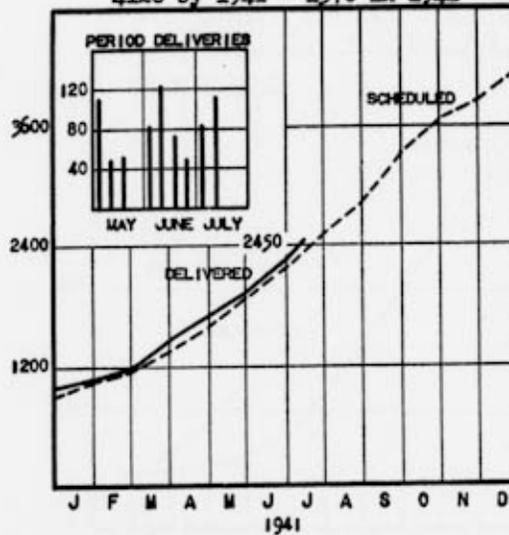
### PROJECT AIRPLANES

5490 PRIMARY TRAINER  
3720 by 1941 - 1770 in 1942

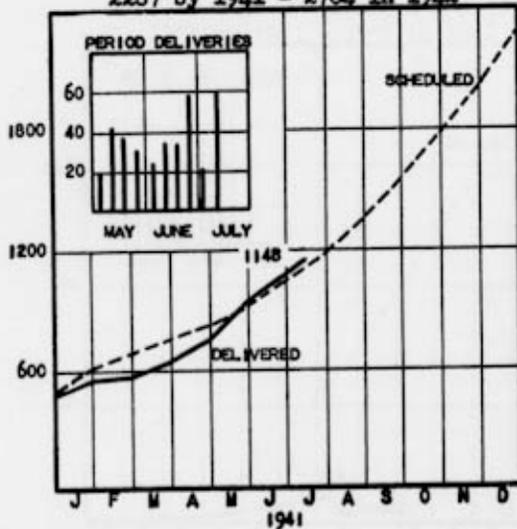


### INSTALLATION ENGINES

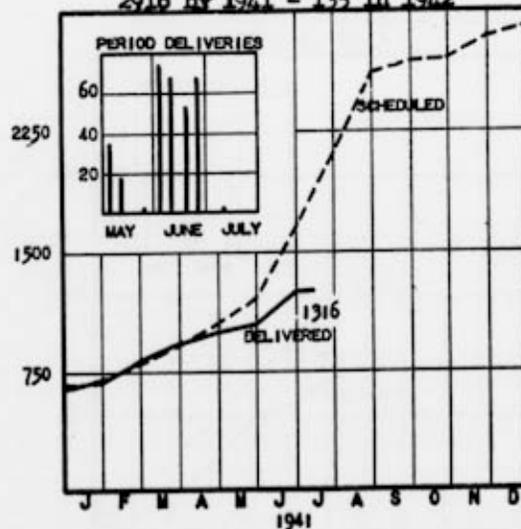
5490 PRIMARY TRAINER  
4120 by 1941 - 1370 in 1942



5051 BASIC TRAINER  
2287 by 1941 - 2764 in 1942



3051 BASIC TRAINER  
2916 by 1941 - 135 in 1942

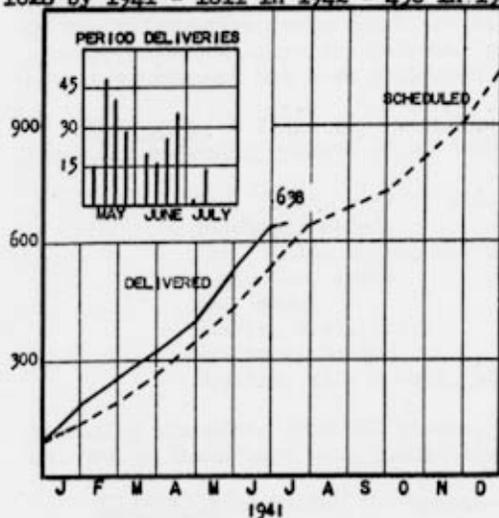


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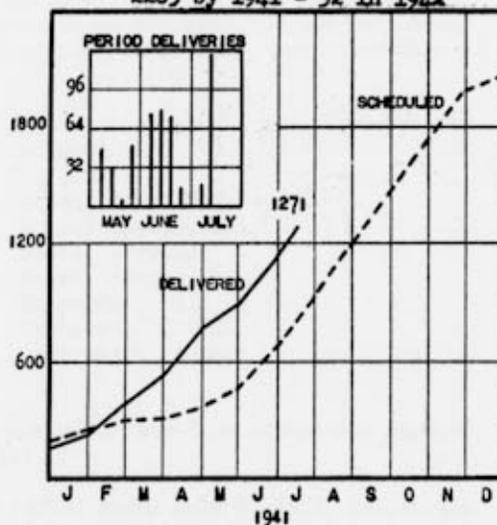
## PROJECT AIRPLANES

3297 ADVANCE TRAINER, 1 ENGINE  
1028 by 1941 - 1811 in 1942 - 458 in 1943

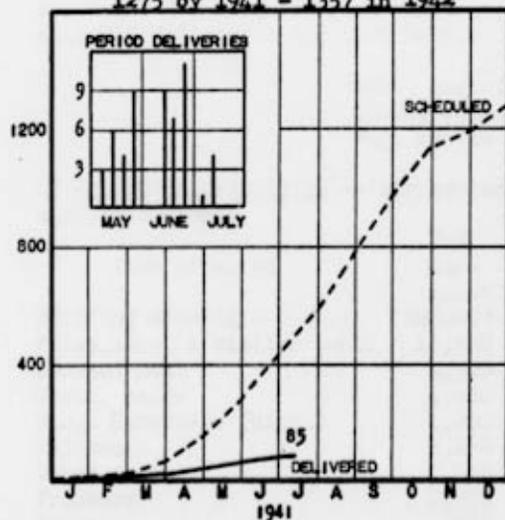


## INSTALLATION ENGINES

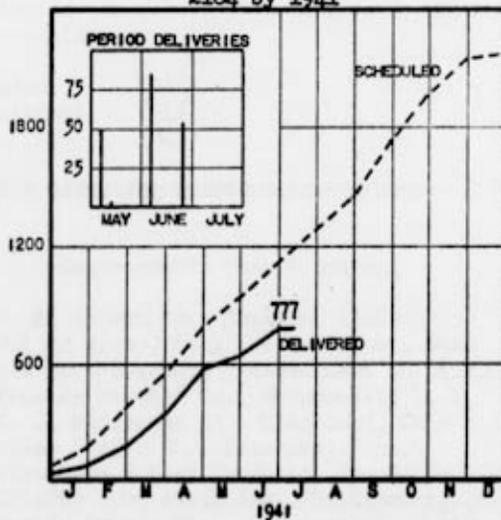
2297 ADVANCE TRAINER, 1 ENGINE  
2265 by 1941 - 32 in 1942



2632 ADVANCE TRAINER, 2 ENGINE  
1275 by 1941 - 1357 in 1942



2164 ADVANCE TRAINER, 2 ENGINE  
2164 by 1941



Air Corps

Statistics Branch  
OUSW - 7-26-41

TEXT SUMMARY - PROCUREMENT OF QUARTERMASTER ITEMS - July 24, 1941

Source of Information: Statistics Branch, CQMG

GENERAL -- As of July 8, 1941, contract awards have been made on all of the 132 critical and essential quartermaster items. Of the total programs of the 132 items an average of ninety-five percent has been contracted and an average of seventy-six percent has been procured; the latter figure includes transfers from CCC stocks. Of the thirty-five items which are being procured under the \$150,000,000 Deficiency Appropriation, ninety-nine percent has been completely contracted, and an average of seventeen percent has been delivered.

CONTRACTS -- Items for which increases in contracted amounts are indicated for the quarter-monthly period ended July 8, 1941 include:

Bag, field, canvas, o.d.	Pouch, first-aid packet
Bedstead, single	Sheet, cotton, bed
Cap, field, khaki, 8.2 oz.	Shoes, service
Comforter, cotton	Socks, cotton, tan
Cot, steel	Suspender, belt, M-36
Gloves, wool, o.d.	Trousers, B. & C.
Mattress, cotton	Undershirt, summer
Necktie, silk & wool, black	

Including transfers from CCC stocks, the programs of ninety-four of the one hundred and twelve items have been completely contracted.

DELIVERIES -- During the quarter-monthly period ended July 8, 1941, deliveries were effected on all but 56 of the 132 items; of these 21 items have been completely procured; 16 are on schedule; 3 have no current schedule, and 16 are behind schedule.

SCHEDULES and DELINQUENCIES -- Of the 132 basic items, 77 are on or ahead of schedule; 3 have no current schedule; 52 are behind schedule. Items currently more than 20% delinquent and also behind June 30 schedules are:

Belt, cartridge, mounted	(36%)
Cloth, cotton w/w resistant	(34%)
Bag, canteen	(32%)

LABOR DIFFICULTIES -- Strikes are currently affecting quartermaster procurement as follows:

Item affected	Man days lost*	Contractor's Name & Address
Building Materials	120,000	U. S. Gypsum Co., Chicago, Illinois
Files, axes, & similar tools	16,380	Heller Bros., Co., Newcomerstown, Ohio
Dressed Meat	4,900	New York Butchers Dressed Meat Co., N.Y.C.
Cloth, serge	4,620	Premier Worsted Co., Woonsocket, R. I.
Bldg. Materials (Misc.)	4,200	E. J. Hauserman Co., Cleveland, Ohio
Raincoats	3,150	Atlas Powder Co., Stamford, Conn.
Truck parts	2,750	Firestone Rubber Products, Wyandotte, Mich.
Trousers	2,750	McLaren Sportswear Inc., Phillipsburgh, Pa.
Tents	657	Downie Bros., Inc., Los Angeles, Calif.
Motor Vehicle parts	650	Rockford Drop Forge, Rockford, Ill.

Quartermaster Corps

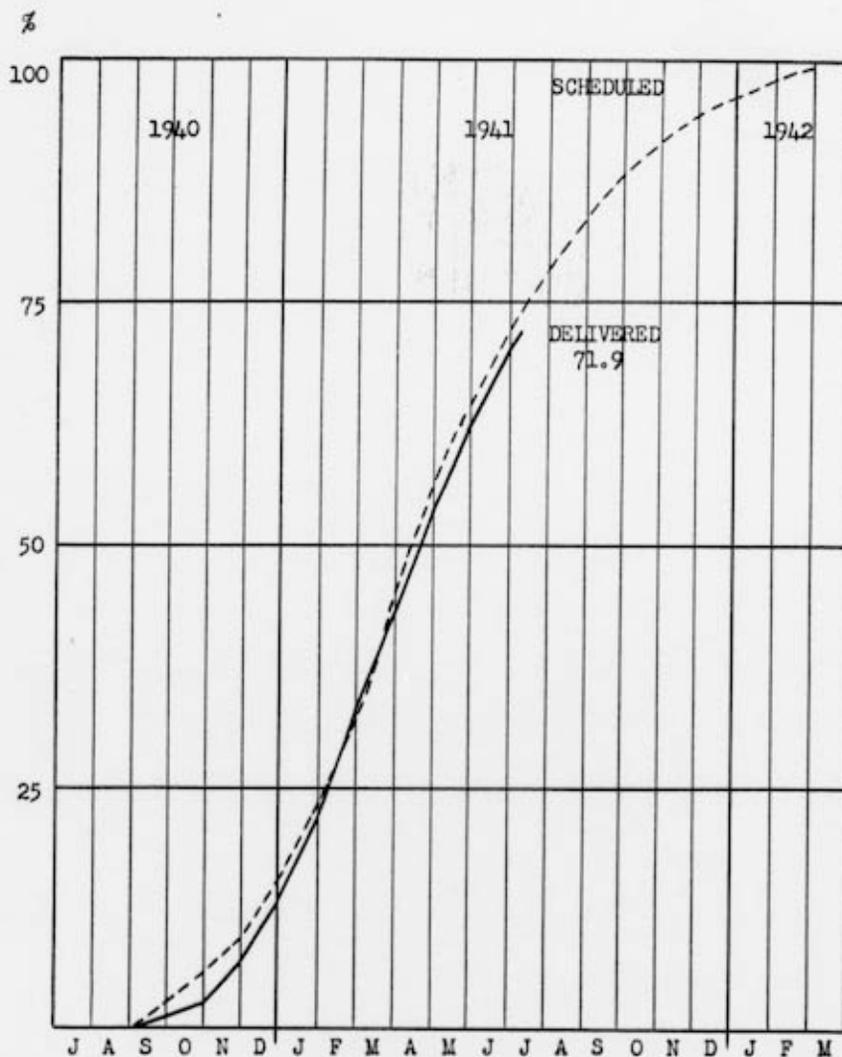
27

Statistics Branch  
CUSW - 7-26-41

QUARTERMASTER CORPS - STATUS OF Q.M. PROCUREMENT - July 8, 1941

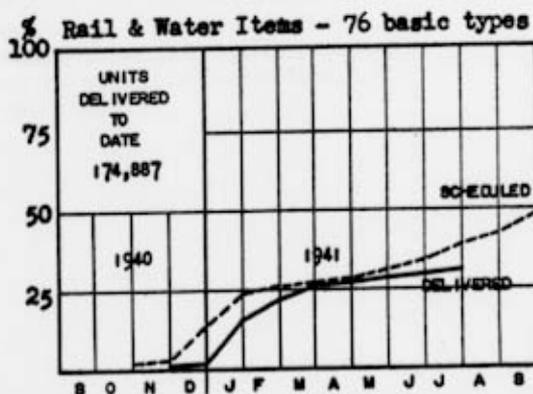
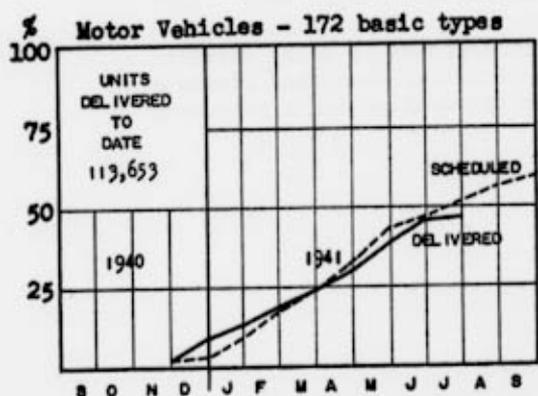
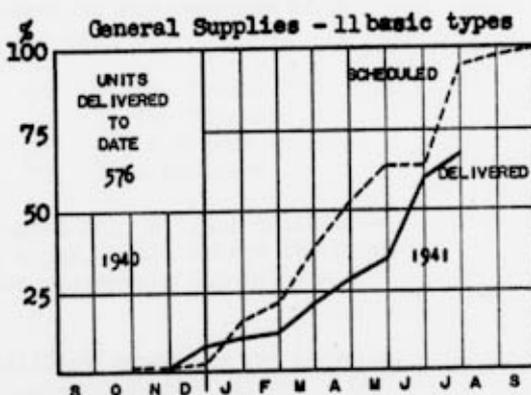
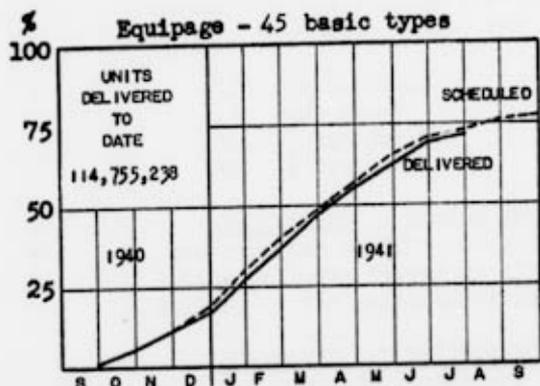
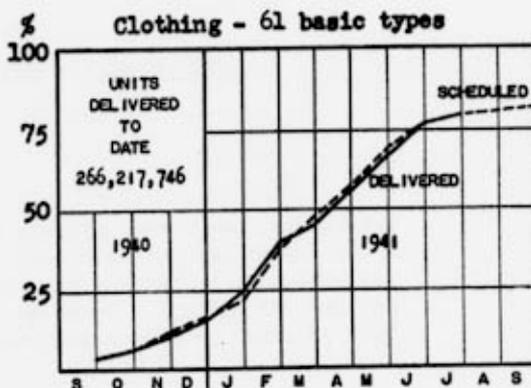
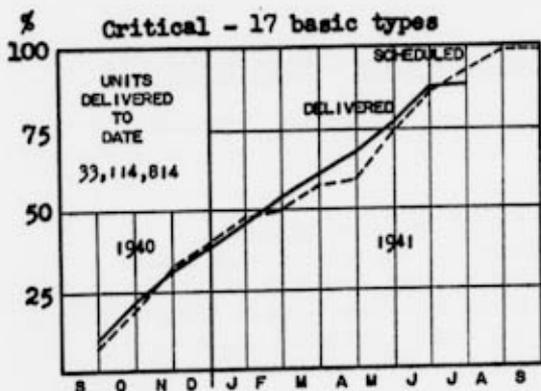
Source of Information: OQMG - Statistics Branch, CUSW

This is an index of Quartermaster procurement based on twenty-five representative items.



**STATUS OF Q.M. PROCUREMENT** - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

Source of Information: Statistics Branch, OCMG - July 8, 1941



Quartermaster Corps

TEXT SUMMARY - MOTOR VEHICLE PROCUREMENT - July 8, 1941

Source: Statistics Branch, OQMG

GENERAL -- As of July 8, 1941, contracts have been awarded for 221,363 vehicles of all types, obligating funds to the extent of 303 million dollars. The combined programs are presently estimated to total 243,037 vehicles being procured by the Q.M.C. for the Supply Arms and Services, funds for which have been made available by the branch for whom they are obtained.

NEW CONTRACTS -- Contracts awarded during the past quarter-monthly period provide for the procurement of 803 vehicles at a cost of \$765,809. These vehicles consist of:

12	Pass. Cars	90	1½ Ton Trucks
1	Ambulance	7	3½ Ton Trucks
50	½ Ton Trucks	23	¼ Ton Trucks
550	¾ Ton Trucks	70	Semi-Trailers

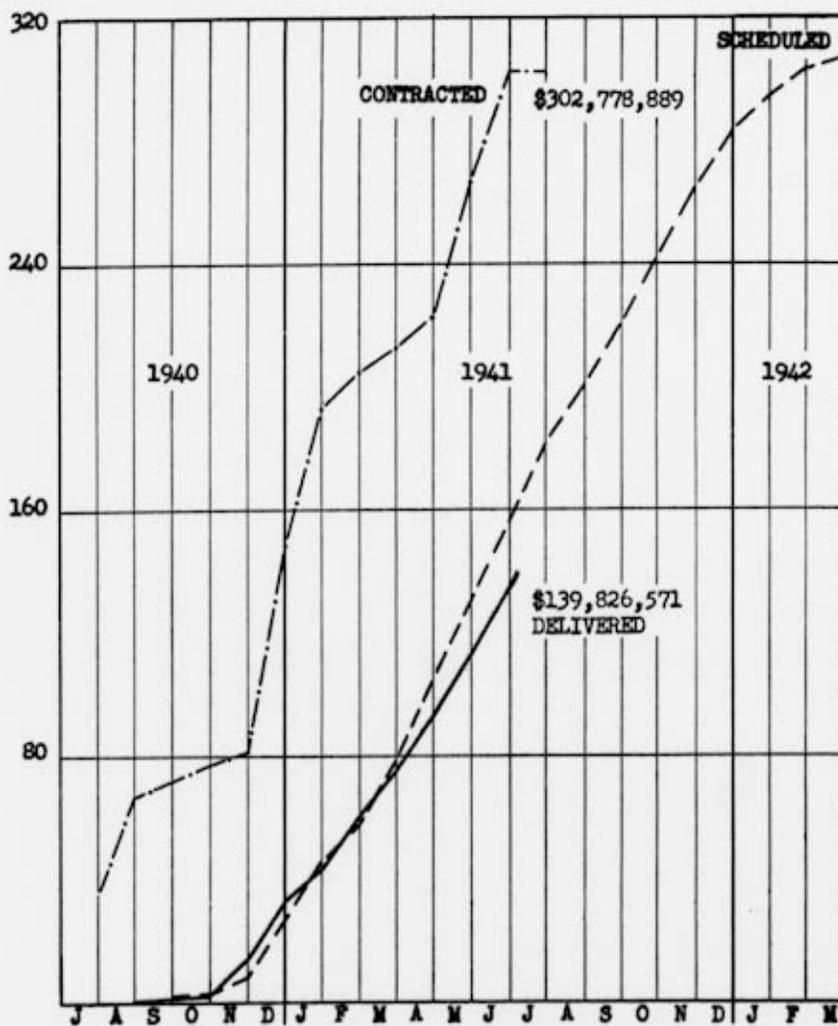
DELIVERIES -- During the period ended July 8, 1941 deliveries were reported on 3028 vehicles of all types. This brings the cumulative delivery figure to 113,653 which represents 140 million dollars of the obligated funds.

SCHEDULES AND DELINQUENCIES -- Delivery schedules are based on manufacturers' estimates and are not contractual obligations. On this basis, 118,469 vehicles were scheduled for delivery by July 8, 1941. This figure represents 49 percent of the current proposed procurement. Based on estimated schedules, 9,317 vehicles distributed among 17 manufacturers are behind schedule; 4,501 vehicles, however, have been delivered in advance of estimated schedules, producing a net delinquency of 4,816 vehicles.

QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - JULY 8, 1941

Source of Information: OQMG - Statistics Branch, OUSW

\$  
MILLIONS

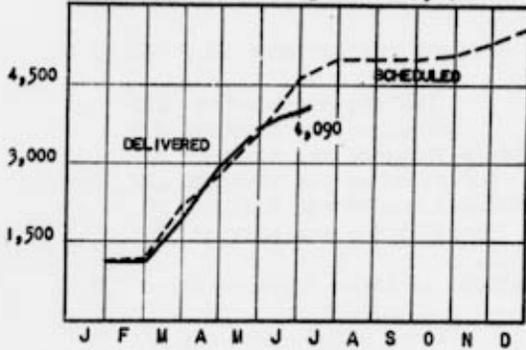


Quartermaster Corps

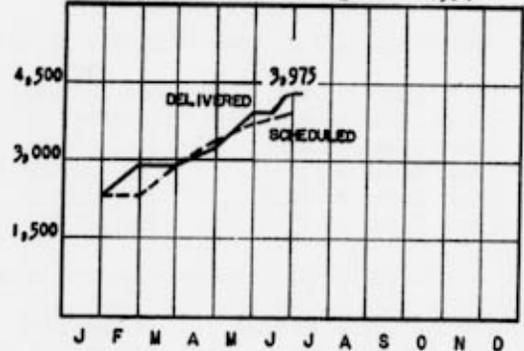
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - JULY 8, 1941

Source of Information: Statistics Branch, QMG

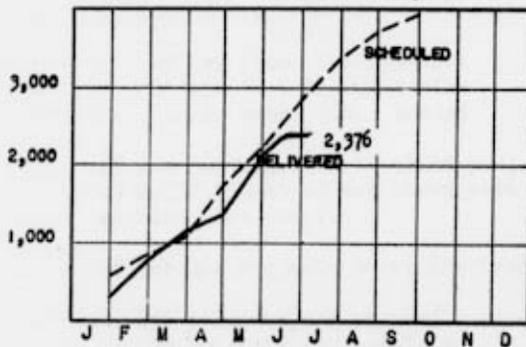
Motorcycles. Program - 27,892



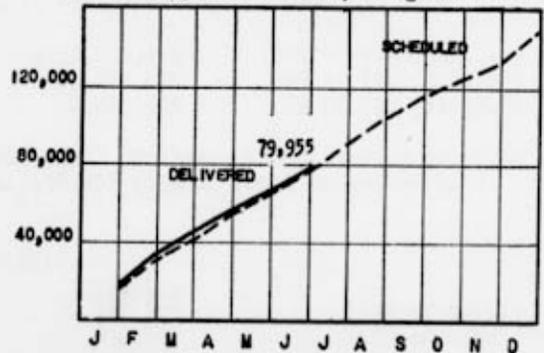
Passenger Cars. Program - 4,578



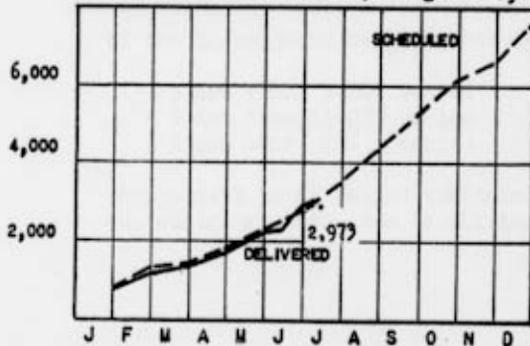
Ambulances. Program - 5,613



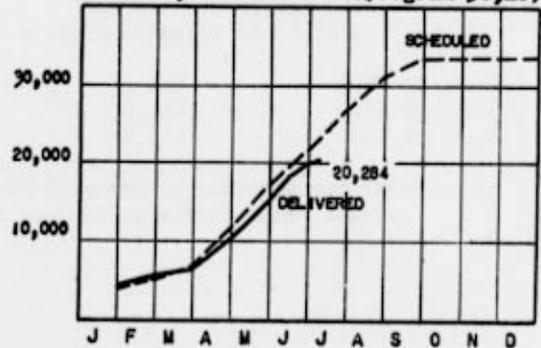
Trucks (1/2-3 ton incl.) Program 160,276



Trucks (4-ton & heavier) Program-7,858



Trailers, Semi-Trailers. Program-36,189



TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - July 5, 1941

Source: Statistics Branch, OQMG - OUSW

Of 542 Q.M. construction projects, with a total estimated cost of \$1,602,685,665:

	<u>Cost</u>	
472 projects are started	\$1,579,493,960	(99% of total cost)
104 projects are completed	337,995,739	(21% of total cost)
24 projects are ahead of schedule	173,732,919	(11% of total cost)
294 projects are on schedule*	847,249,592	(53% of total cost)
50 projects are behind schedule	220,515,710	(14% of total cost)
70 projects are not started	23,191,705	(1% of total cost)

Of the 24 projects ahead of schedule, with an estimated cost of \$173,732,919:

12 are from 5-10% ahead	\$74,289,182	(43% of \$173,732,919)
8 are from 11-20% ahead	81,125,549	(47% of \$173,732,919)
4 are over 20% ahead	18,318,188	(10% of \$173,732,919)

Of the 50 projects behind schedule, with an estimated cost of \$220,515,710:

28 are from 5-10% behind	\$152,015,848	(69% of \$220,515,710)
16 are from 11-20% behind	63,676,634	(29% of \$220,515,710)
6 are over 20% behind	4,823,228	(2% of \$220,515,710)

Of the 542 Q.M. construction projects, 264 (49%) provide a troop housing capacity of 1,352,954 at an estimated cost of \$851,438,257 (53% of total estimated Q. M. construction cost).

Of the 264 projects providing troop housing:

	<u>Capacity</u>	
256 projects are started	1,350,225	(99% of total)
93 projects are completed	638,606	(47% of total)
13 projects are ahead of schedule	98,417	(7% of total)
136 projects are on schedule*	586,073	(44% of total)
14 projects are behind schedule	17,129	(1% of total)

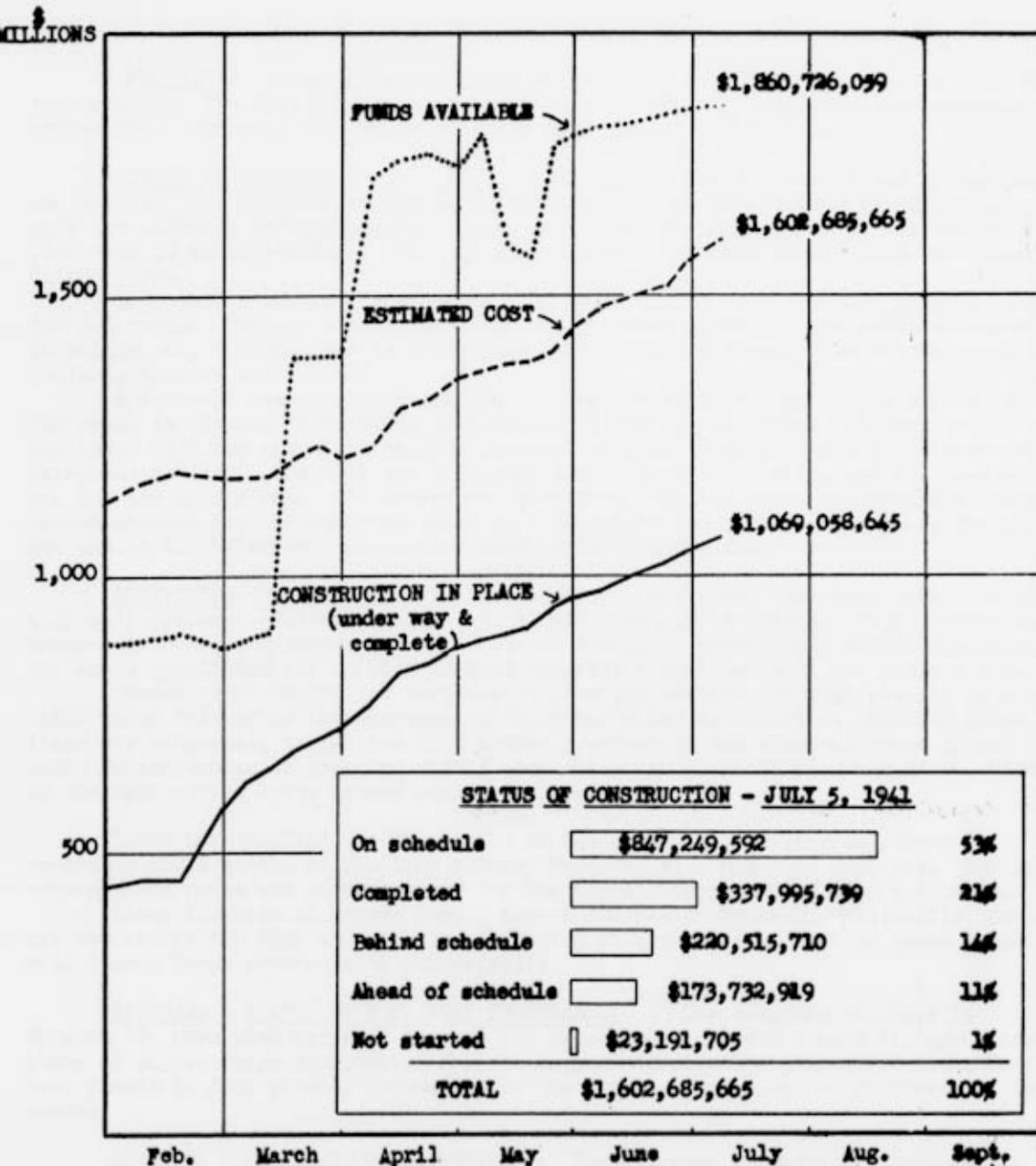
Of the 14 projects behind schedule, with a troop capacity of 17,129:

5 are from 5-10% behind	10,625	(62% of 17,129)
7 are from 11-20% behind	4,339	(25% of 17,129)
2 are over 20% behind	2,165	(13% of 17,129)

\*Projects 1 to 4% behind schedule and 1 to 4% ahead of schedule are included in "on schedule" data, due to difficulty in estimating within these limits.

Q.M.C. - CUMULATIVE CONSTRUCTION PROGRESS - July 5, 1941

Source: Construction Division, OCMG - Statistics Branch, OUSW



TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - JULY 19, 1941

Source of Information: Office of the Chief Signal Officer - Labor Division, OUSW

GENERAL - Program figures shown on diagrams in this report are for F.Y. 1941 procurement. The F.Y. 1940 program has been substantially completed. No contract awards have been made for equipment to be purchased with F.Y. 1942 funds.

STATUS OF CONTRACTS - F.Y. 1941 - All except two critical items of equipment on the F.Y. 1941 program are now under contract. These two items - blind-landing equipment for aircraft and transmitter tuning units for the SCR-245 radio, are awaiting clearance of specifications. The SCR-245 is one of the most widely used vehicular sets in the Army.

Last week a contract was awarded for the recently developed and standardized SCR-536 radio. This is a most ingenious set designed primarily for parachute troops. It weighs only 5 pounds and is a complete self-contained transmitter and receiver with built-in handset and antenna.

A contract has also been awarded for the new wire reel equipment CE-11. This equipment is another interesting development of the Signal Corps. It consists of a reel used with the new light-weight, latex-covered field wire, and a voice powered telephone handset. The reel unit, holding a quarter mile of wire, and the handset are carried by one man. The wearer can move from point to point and maintain communication without the necessity of carrying a telephone and repeatedly cutting the wire and making the telephone connections when contact is desired.

DELIVERIES - Deliveries of aircraft radio equipment last week were exceptionally satisfactory. A total of 264 sets of all types was received. Radio compasses, frequency meters and marker beacon receivers are still appreciably behind schedules, but ample quantities are on hand to meet aircraft requirements at the present time.

Ground radio deliveries continue to show improvement although several sets are still being delayed by the shortage of minor parts and accessories. Some of these items are undergoing inspection and further progress in the elimination of ground radio delinquencies is expected within the next month. Little improvement is evident in the delivery of other ground equipment items.

LABOR DIFFICULTIES - The strike at New Jersey Galvanizing Co., Newark, N.J. continues and a strike at Roebbling & Sons, Trenton, N.J. has been reported. The latter company is a prime and subcontractor for the Signal Corps, making wire and cable.

Labor disputes at Breeze Corp., Newark and Marlin Rockwell, Plainville, Conn., are now before the NDMB and work is continuing at the plants. Both of these companies hold Signal Corps contracts or subcontracts.

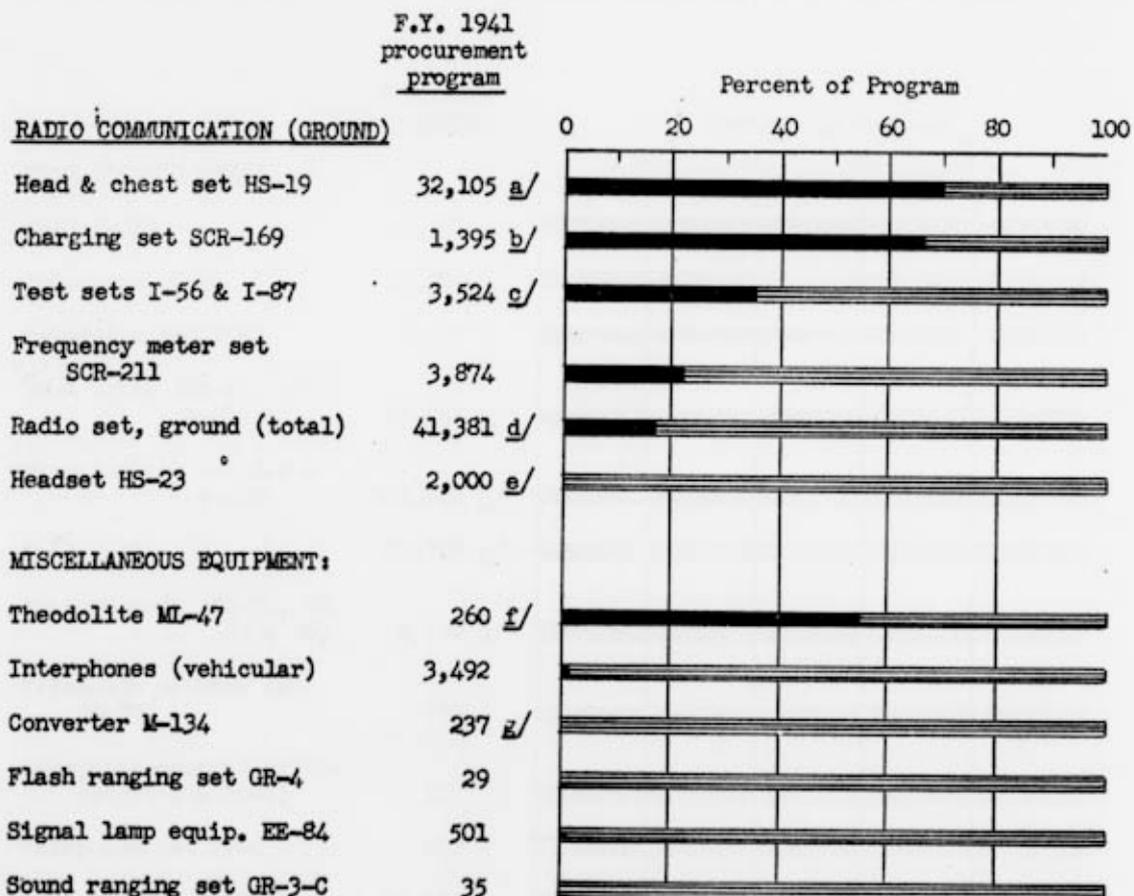
DIAGRAMS - STATUS OF F.Y. 1941 PROCUREMENT - The diagrams on pages 36 through 38 have been prepared to show the present procurement status of representative items of signal corps equipment. For the purpose of presentation, these items have been placed in four groups, indicative of the purpose for which the equipment is intended.

DIAGRAMS - PROGRESS OF DELIVERIES - The diagrams on pages 39 through 41 show deliveries on selected items of Signal Corps equipment compared with delivery schedules. Items of equipment shown in this presentation have been selected as representative of the entire procurement program.



STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JULY 19, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

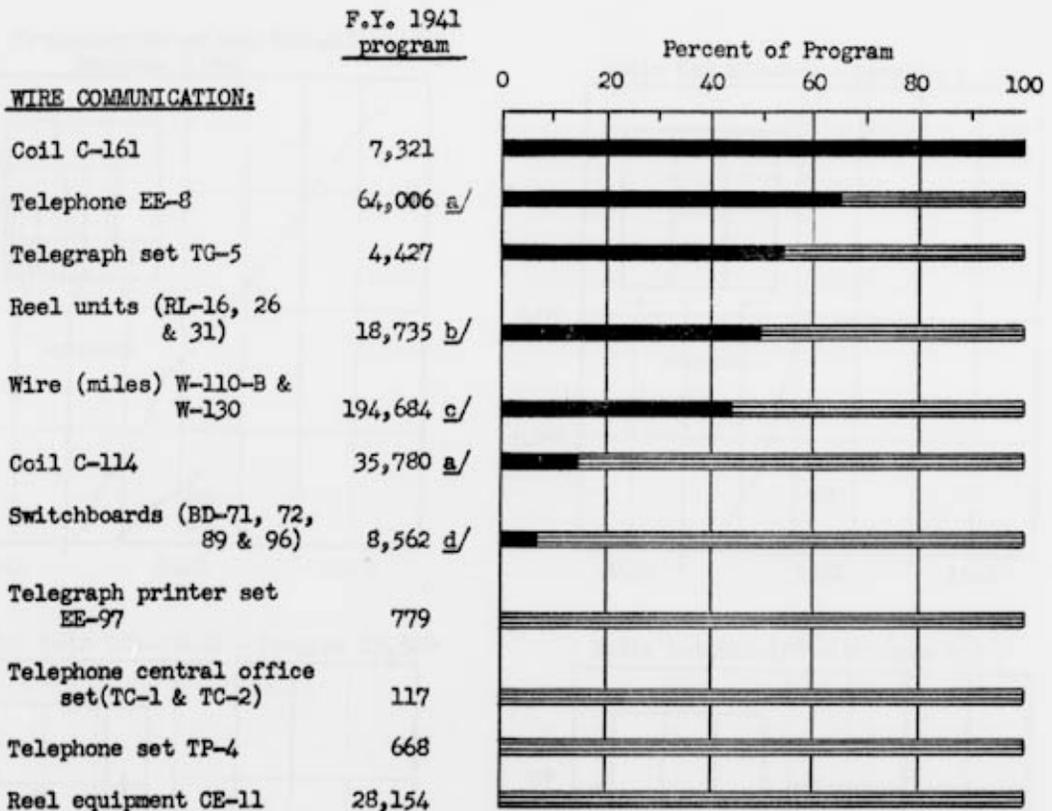


a/ Includes 723 for Telegraph set TG-5; 260 for Marine Corps; b/ Includes 50 for spare parts; c/ Includes 206 for plant and traffic; d/ Includes 10 SCR-268 and 5 SCR-270 for Navy; 3 SCR-268 for Signal Corps Laboratories; e/ For the Armored Force; f/ Includes 21 for the Air Corps; g/ 22 for administrative purposes.

Delivered [Solid black bar]  
 Contracted [Hatched bar]  
 Not contracted [White bar]

STATUS OF SIGNAL CORPS PROCUREMENT - SELECTED-CRITICAL ITEMS - JULY 19, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division



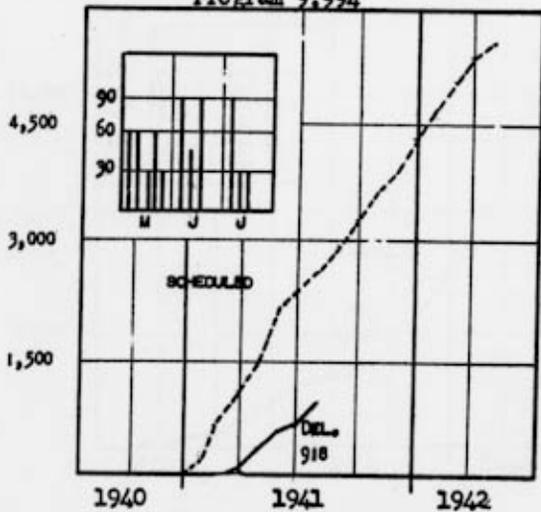
a/ Includes 200 for Marine Corps; b/ Includes 30 for Marine Corps; c/ Includes 9,500 miles for Marine Corps; d/ Includes 20 BD-71 and 40 BD-72 for Marine Corps and 62 BD-89 for Telephone Central Office set TC-2.

Delivered [Solid Black Bar]  
 Contracted [Hatched Bar]  
 Not contracted [White Bar]

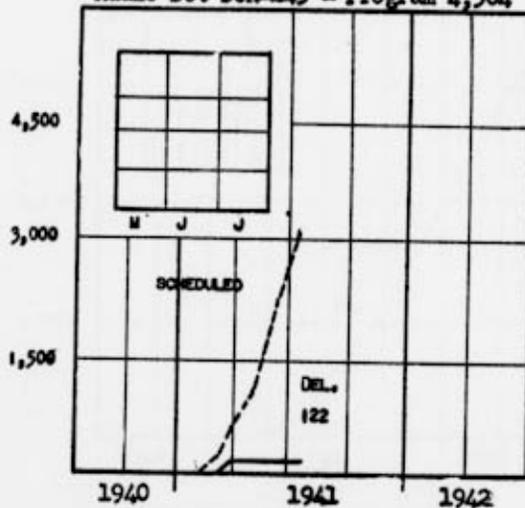
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT - JULY 19, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer

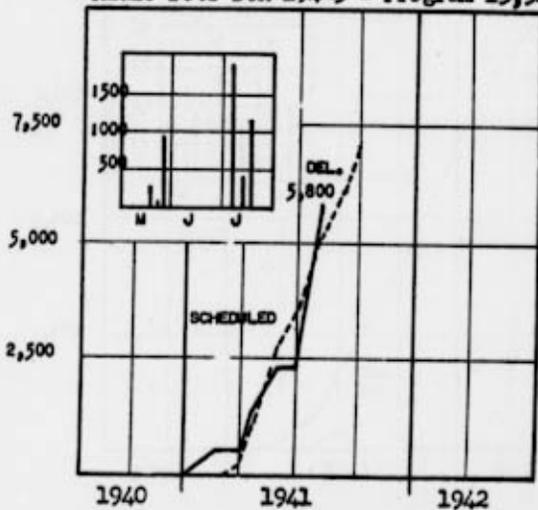
Frequency Meter Set SCR-211  
Program 9,994



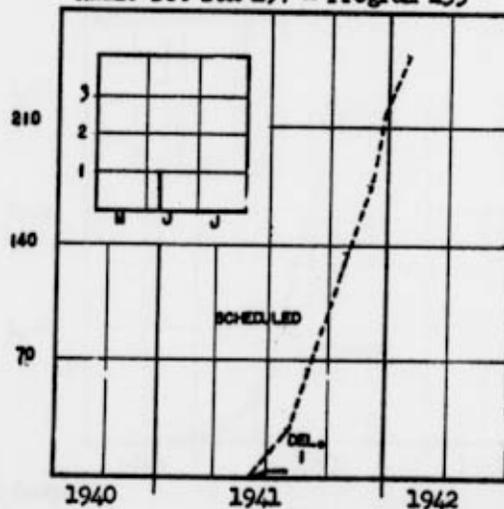
Radio Set SCR-245 - Program 4,504



Radio Sets SCR-194-5 - Program 13,529



Radio Set SCR-197 - Program 255



Signal Corps

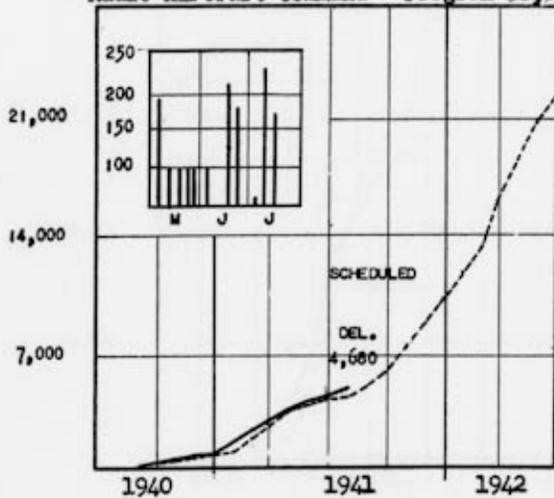
Statistics Branch  
OUSW - 7-26-41

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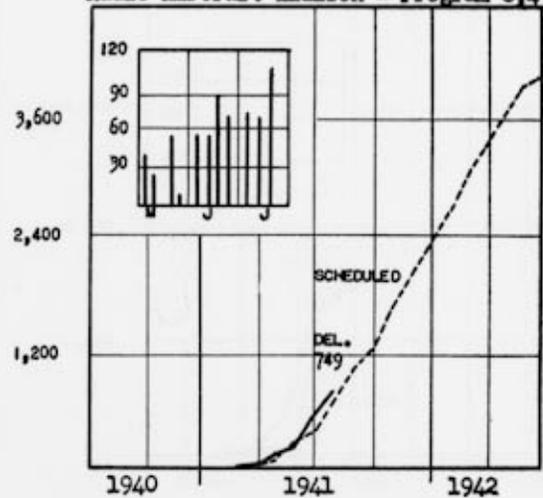
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT  
AS OF JULY 19, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer  
Matériel Division, Office of the Chief Air Corps

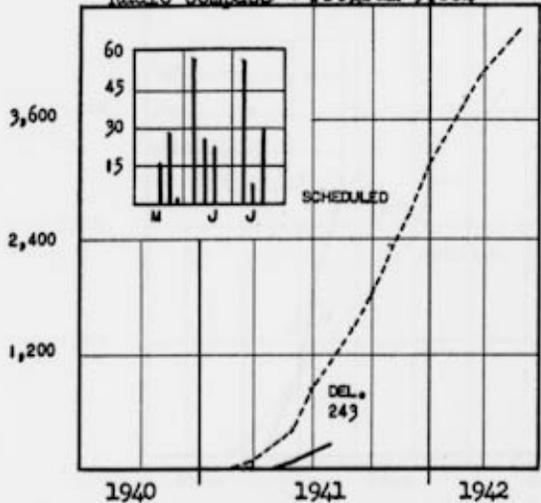
Radio Aircraft Command - Program 28,079



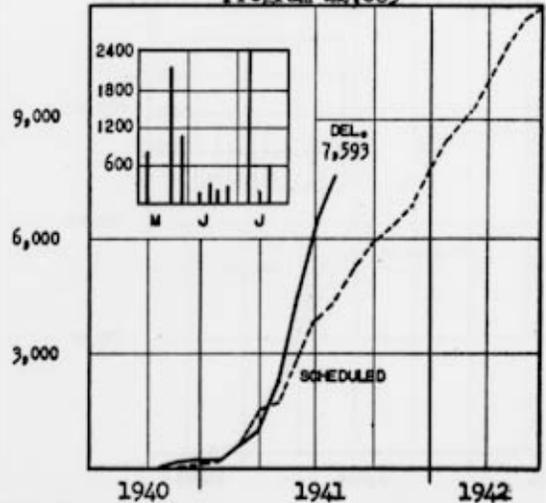
Radio Aircraft Liaison - Program 8,477



Radio Compass - Program 9,004



Interphone Equipment-Aircraft  
Program 22,085



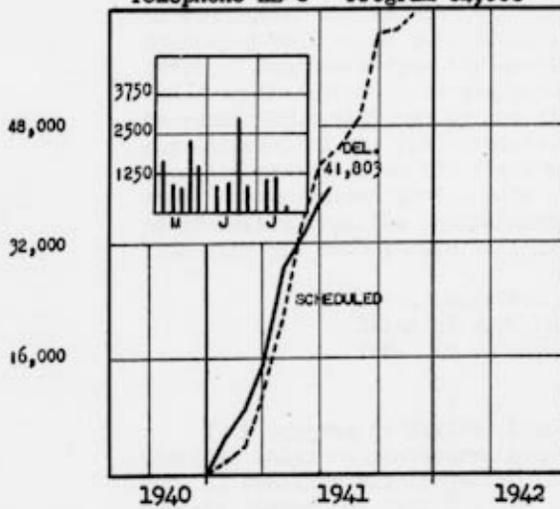
Signal Corps

Statistics Branch  
OUSW - 7-26-41

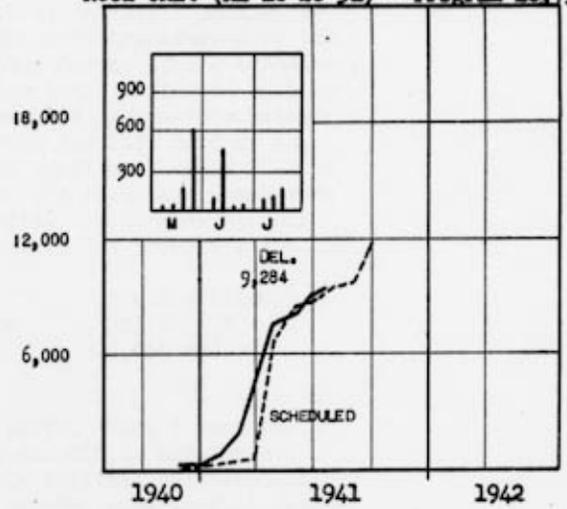
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - JULY 19, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer

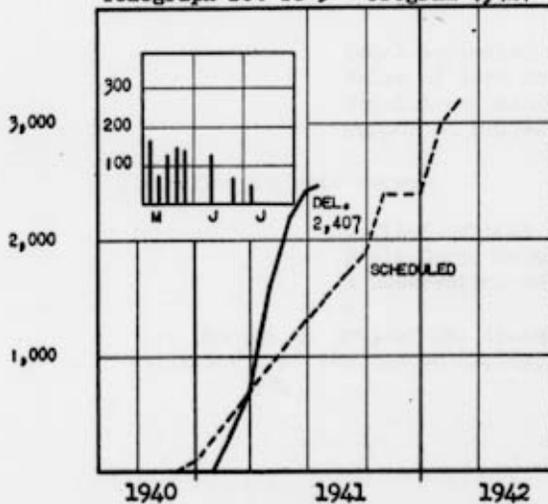
Telephone EE-8 - Program 64,006



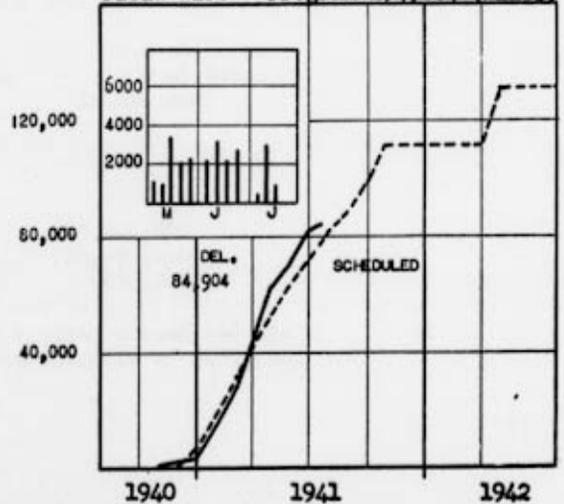
Reel Unit (RL-16-26-31) - Program 18,735



Telegraph Set TC-5 - Program 4,427



Field Wire - Program 194,684 (miles)



TEXT SUMMARY - CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS, JUNE 30, 1941

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

This report attempts to show the progress made in the fiscal year 1941 on the program of Air Corps construction by the Corps of Engineers. This program was first reported on January 15 with an estimated cost of only 25.1 millions of dollars. During the following half month over 100.0 millions were transferred to the Corps of Engineers from the Quartermaster Corps. These transfers, added to the other increases, brought the total estimated cost up to about 303.6 millions by the first week of April--this being the midpoint of the 1941 reports. During the last half of the reported period--from the first week of April until June 30--the rise was approximately the same despite the fact that there were no transfers from the Quartermaster Corps. About one-third of this rise was made in the last half month. The present status is:

Total estimated cost	576.3 millions
Value of work in place	211.0 "
Total troop capacity	269,655 men

This program is divided into two parts. Part I contains tactical units only--observation units and G.H.Q. air force. Part II contains all projects other than tactical units--pilot schools, technical schools, Air Corps depots, experimental depots, aircraft assembly plants, and replacement centers.

In the last two weeks the following increases have been made:

Total estimated cost	80.8 millions
Value of work in place	16.0 millions
Total troop capacity	20,926 men
Number of projects	9

New projects were:

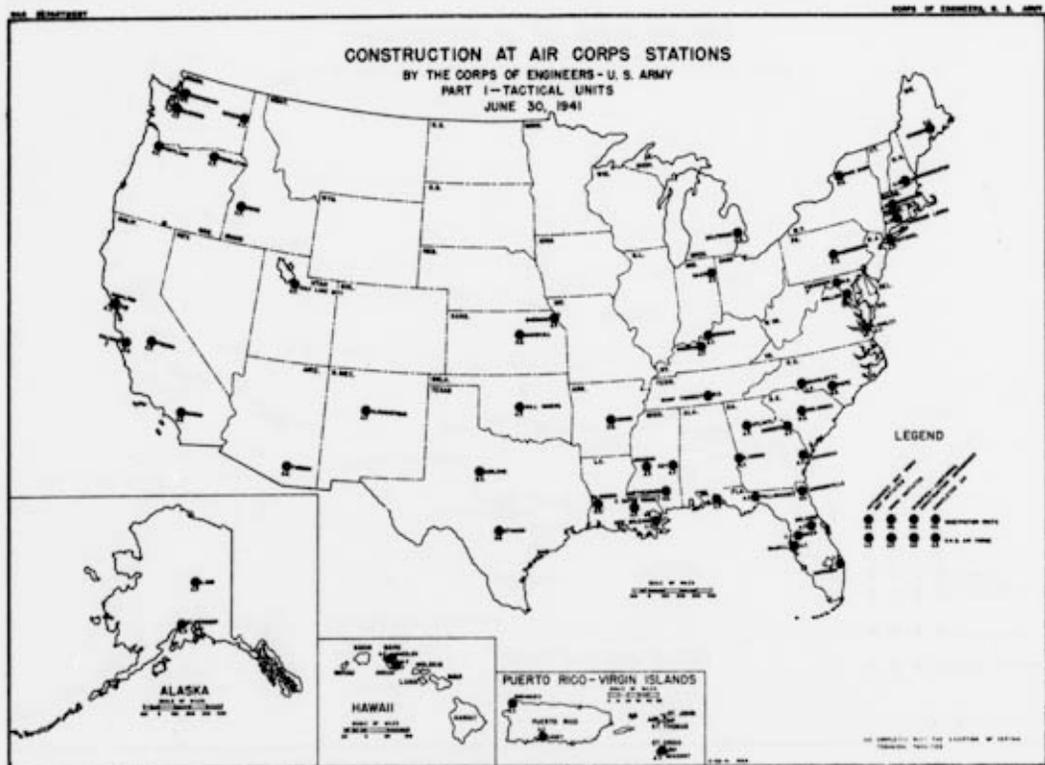
6 Pilot schools	\$25,244,000
2 Air Corps depots	26,699,000
1 Observation unit	690,000

One G.H.Q. project was changed to a pilot school and the estimated cost changed to \$1,763,000--an increase of \$467,000.

CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - JUNE 30, 1941

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

BREAKDOWN OF PART I



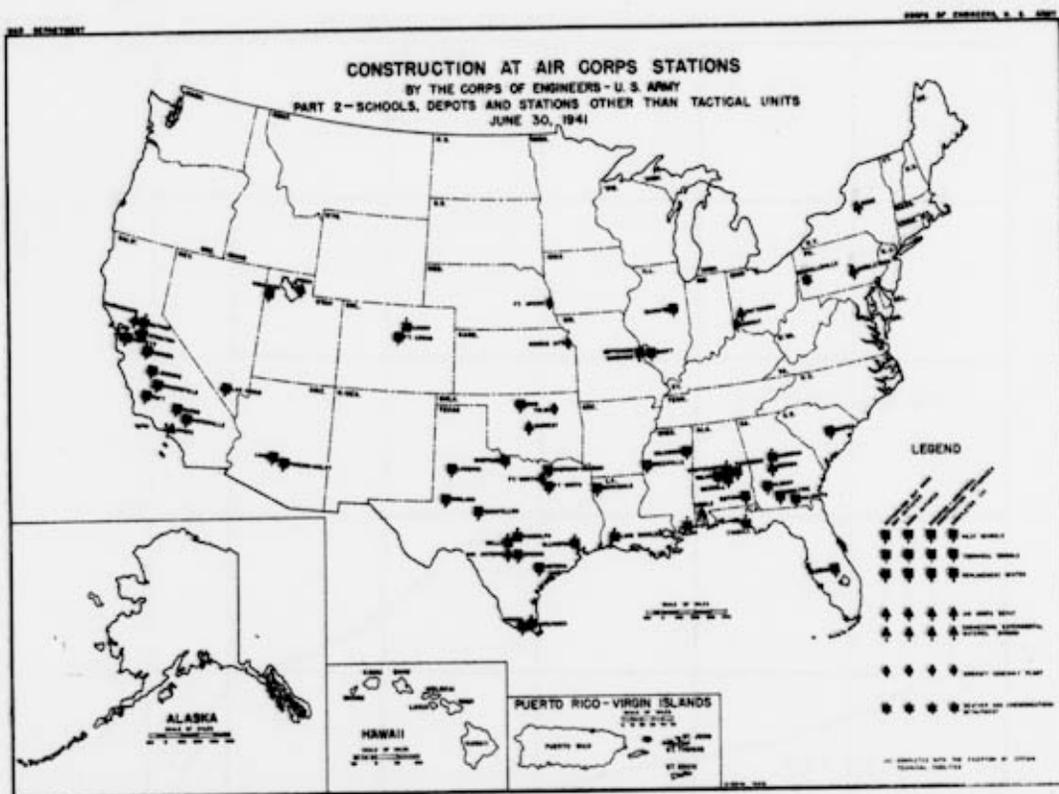
PART I

Projects		Estimates in millions	
Type	No.	Total cost	Value in place
G.H.Q. air force	47	185.6	122.1
Observation	14	8.9	1.1
<b>Total</b>	<b>61</b>	<b>194.5</b>	<b>123.2</b>

CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS - JUNE 30, 1941

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

BREAKDOWN OF PART II

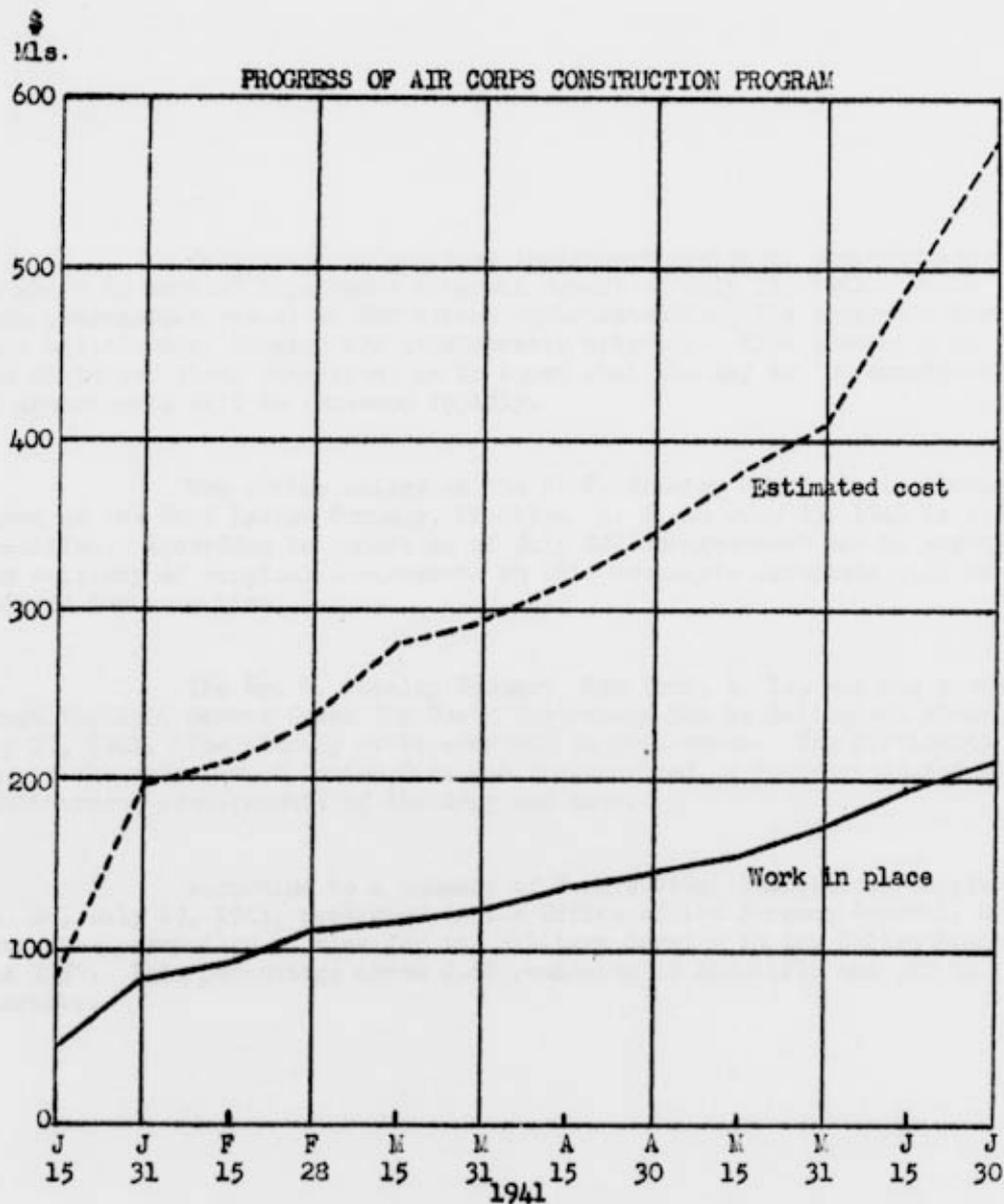


PART II

Projects		Estimates in millions	
Type	No.	Total cost	Value in place
Pilot schools	41	149.4	25.8
Technical schools	6	62.2	31.6
A.C. depots	12	81.7	16.8
Exper. depots	1	11.1	3.5
Assem. plants	4	71.4	8.7
Replace. centers	1	6.0	1.4
Total	65	381.8	87.8

CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS, JUNE 30, 1941

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



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED JULY 26, 1941

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

Deliveries on surgical instrument contracts improved somewhat as shown by Medical Department Progress Report of July 15, 1941. While many contractors are still far behind their schedules, the prospects for a more satisfactory showing are considerably brighter. With loosening up of the stainless steel situation, it is hoped that the lag in the manufacture of instruments will be lessened rapidly.

The strike called at the G. F. Richter Manufacturing Company plant of the Fred Haslam Company, Brooklyn, N. Y. on June 25, 1941 is still unsettled. According to report as of July 22, no agreement was in sight, and the delivery of surgical instruments on this company's contracts will be delayed for some time.

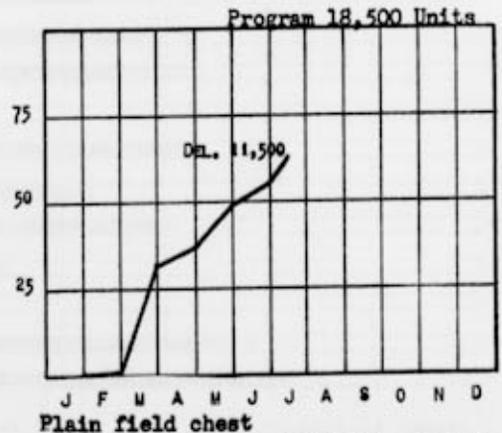
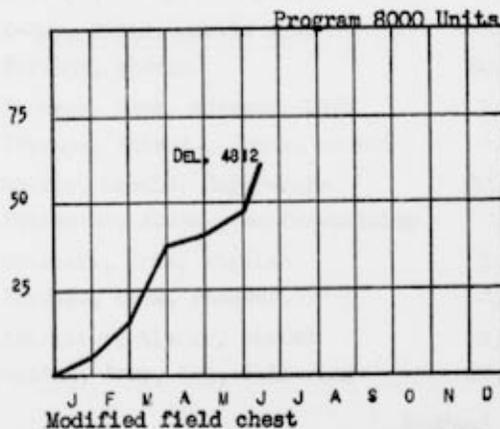
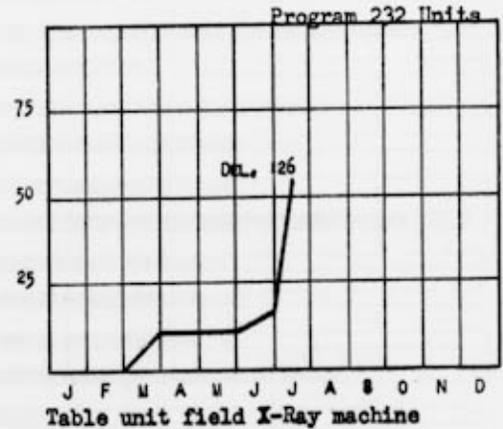
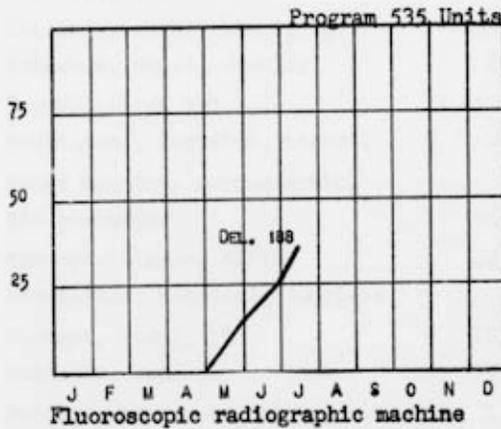
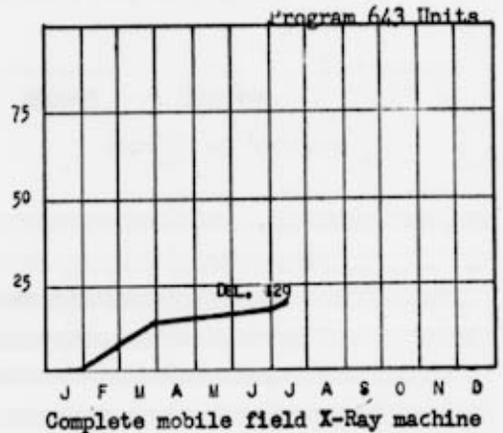
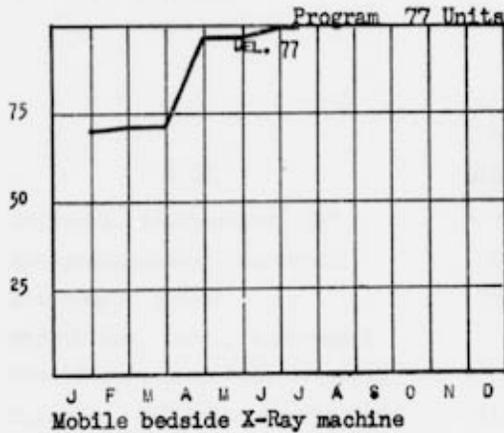
The Wm. W. Stanley Company, New York, N. Y., who has a contract for 2500 Canvas Cases for Basic Instrument Set is delinquent since May 22, 1941. The company still owes \$140 on this order. The difficulty is due to the scarcity of Cotton Duck and the overload on industry caused by the enormous requirements of the Army and Navy.

According to a summary of Weekly Vital Statistical Report No. 28, July 17, 1941, published in the Office of the Surgeon General, U. S. Army, the percentage of sick for the Military Service in the United States was 2.87. This percentage shows 2.60 remaining in hospitals and .27 in quarters.

B

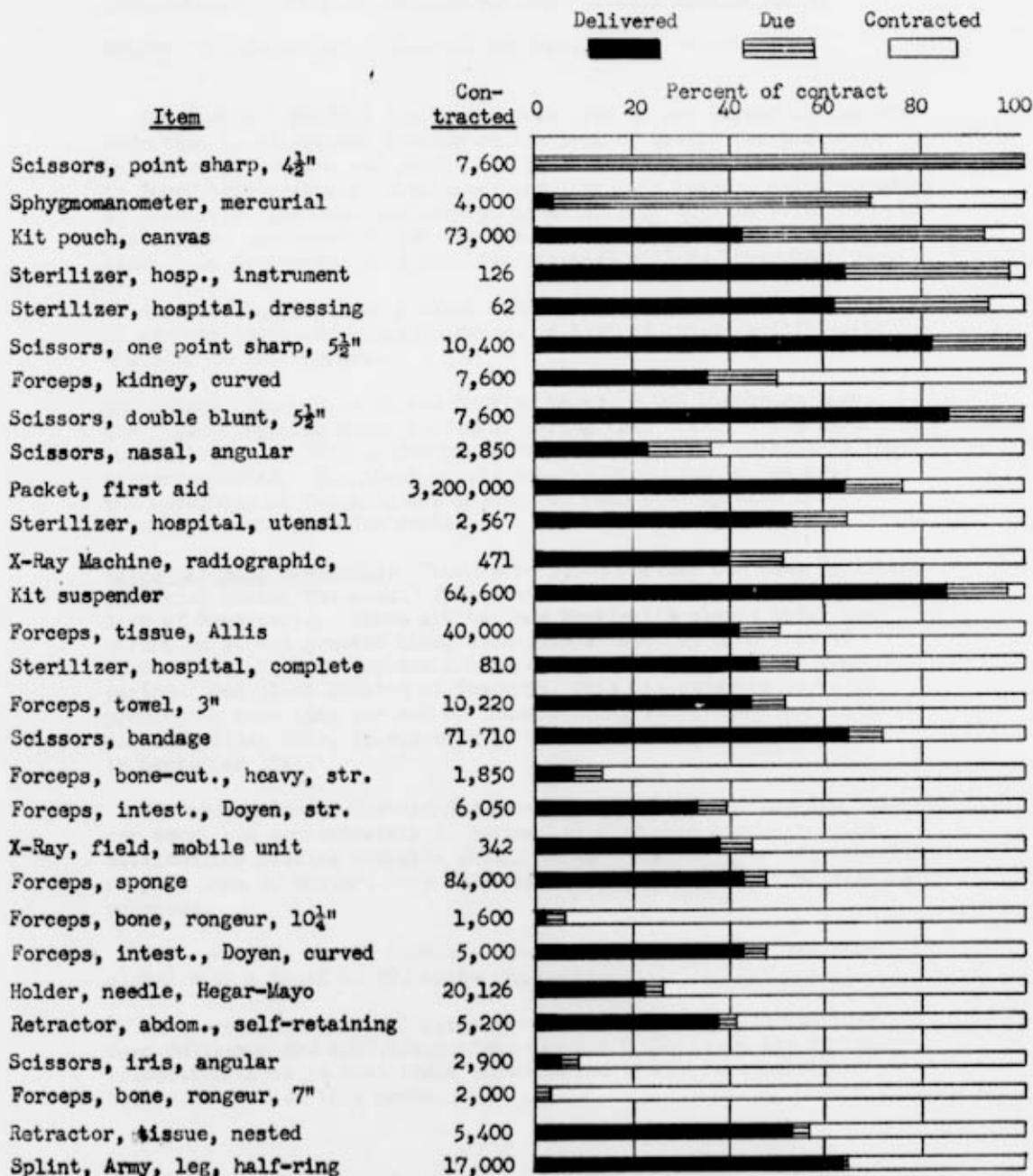
DELIVERY STATUS - SIX CRITICAL ITEMS - JULY 15, 1941

Source of Information: Finance & Supply Division - Office of Surgeon General



MEDICAL DEPARTMENT - CRITICAL ITEMS BEHIND SCHEDULE - JULY 15, 1941

Source of Information: Medical Department Procurement Progress Reports



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS JULY 18, 1941

Source of Information: Chemical Warfare Service Reports

The Chemical Warfare Service reports that it was forced to lay off more than 1,400 persons because of the lack of orders for gas masks and other protective equipment. It is understood that private industry is faced with a similar situation; and, for this reason, a low schedule of production has been assigned so as to stretch out the work and hold the skilled employees in the various plants. Because of these conditions, the deliveries of protective material will be lower than usual.

New facilities are at present under construction for the manufacture of certain toxic and vesicant gases. A list of these facilities is included in this report.

GAS MASKS: There were 32,664 Service Masks, 8,000 Diaphragm Masks, and 14,260 Training Masks delivered during this week. There were no deliveries of Optical Gas Masks because of certain defects in the filter material. The plant of the General Tire Company, engaged in the assembling of Training Gas Masks, has been tied-up with labor trouble for the past few weeks.

EXTRA GAS MASK CANISTERS: There were 3,360 Service Gas Mask Canisters delivered during the week. This low production is mainly due to the lack of Whetlerite. There are two new Whetlerite plants under construction at the present time, each with a capacity of 5 tons of charcoal per 24 hour day and 4 tons of Whetlerite during the same period. One plant located at Fostoria, Ohio, is expected to be in production some time the end of January 1942, while the plant located at Zanesville, Ohio, is expected to be in operation some time early in September 1941.

The production of Mustard Gas is constant between 90 and 100 tons per week, but approximately 50 percent of this production is being utilized for filling Ordnance Shells on an Ordnance contract; therefore, only 52 tons of Mustard were delivered this week for Chemical Warfare purposes.

The contracts on the Portable Chemical Cylinders have been completed with a total of 592 units delivered.

It is reported that all items for the 8 Field Laboratories have been delivered and that these items are now being assembled in their respective cases so that these laboratories should be completed before the end of this month.

CHEMICAL WARFARE SERVICE  
NEW FACILITIES

Source of Information: Chemical Warfare Service

Product	Manufacturer and Location	Plant Capacity	Expected Date of Operation
Impregnite "I"	E. I. Dupont de Nemours Co. Niagara Falls, N. Y.	125 tons per month	Sept. 1, 1941
	Dow Chemical Co. Midland, Michigan	125 tons per month	Nov. 1, 1941
	Monsanto Chemical Co. Monsanto, Illinois	125 tons per month	Nov. 1, 1941
	Edgewood Arsenal	125 tons	Jan. 1, 1942
	Edgewood, Maryland	per month	
Impregnite M1 (shoe)	Baldwin Laboratories Seagerston, Penn.	125 tons per month	July 21, 1941
	Globe Crayon Co. Barbertown, Ohio	125 tons per month	Aug. 1, 1941
	Ernest Bischoff Co. Memphis, Tenn.	125 tons per month	Sept. 1, 1941
	National Oil Products Co.	125 tons	Sept. 1, 1941
	Cedartown, Georgia	per month	
Mustard Gas	C.W.S. Arsenal Huntsville, Alabama	2,000 tons per month	Late Aug. 1942
Phosgene (C.G.)	Edgewood Arsenal Edgewood, Maryland	3,100 tons per year	Late fall 1941
Canister, Collective Protector	Edgewood Arsenal Edgewood, Maryland	250 units per month	Late fall 1941
Lewisite (M1)	C.W.S. Arsenal Huntsville, Alabama	2,200 tons per year	Aug. 1942
C.N.S. (tear gas)	Edgewood Arsenal Edgewood, Maryland	300 tons per month	Fall, 1941
Whetlerite	Fostoria Plant	4 tons per 24 hr. day	Late Jan. 1942
	Fostoria, Ohio		
	Zanesville Plant Zanesville, Ohio	4 tons per 24 hr. day	Early Sept. 1941

TENTATIVE SCHEDULES  
OF  
PRESENT FACILITIES

Source of Information: Chemical Warfare Service

<u>Item</u>	<u>Present Weekly</u> <u>Capacity</u>
Mask, gas, diaphragm	20,000 each
Mask, gas, service	20,000 each
Mask, gas, optical	20,000 each
Mask, gas, training	20,000 each
Canister, service	20,000 each
Canister, diaphragm	20,000 each
Canister, optical	20,000 each
Canister, training	20,000 each
Ointment, Protective	60,000 tubes
CNB Irritant Gas	25 tons
Screening Smoke F.S.	25,000 lbs.
Container, Steel 1 ton	312 each
Mustard Gas	90 tons
Impregnite "I"	8 tons
White Phosphorus	100 tons
Airplane Tanks M20	20 each
Airplane Tanks M21	20 each
Agent, de-H.S., non-corr.	1,136 gals.
Airplane Tanks M10	32 each
Agent, de-H.S., Bleach	75 tons
Solvents Impregnite "I"	9 tons
Land Mines, Chemical	3,500 each
CG Gas	23 tons
Lewisite M1	2.5 tons
Impregnite M1, shoe	71 tons

These schedules are based on one shift per day.