

NATIONAL WAR PROGRAM
MONTHLY PROGRESS REPORT

May 30, 1942

Prepared by
Bureau of the Budget
Executive Office of the President

DECLASSIFIED

E.O. 11652, Sec. 3(E) and 5(D) and (E)

OMB letter, 11-27-72

By SLR, NARS Date JAN 22 1973

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I. SUMMARY

Financing: The war expenditure rate for April was \$3.5 billion per month or \$42 billion per year. The May rate approximated \$3.8 billion. (Page 3 and Chart 1)

Airplane Production: May acceptances of military airplanes totaled 3,919, of which 2,302 were tactical types. This compares with April acceptances of 3,501, of which 2,088 were tactical types. 178 four-engine bombers were accepted during May — only 7 more than for April. (Pages 4, 5, and 6)

New Production Facilities: Government-financed war plant facilities increased \$1.5 billion from mid-April to mid-May, bringing the total dollar volume of new facilities to \$11.2 billion. (Pages 10 and 11)

Military Personnel: Total active duty strength of the Army rose to 2,620,000 on April 30. About 355,000 of these were overseas. The Navy strength on May 1 was reported at 536,000. (Pages 15 and 17)

Navy Ship Construction: The battleship Indiana, three submarines, and seven destroyers were delivered during April. (Page 16)

Merchant Ship Construction: 57 vessels of 620,000 DWT were delivered in May as compared with 36 of 402,000 DWT delivered in April. (Pages 18 and 20)

II. WAR FINANCES

Appropriations

From June 30, 1940, through May 31, 1942, Congress made appropriations and other authorizations for war purposes amounting to 157 billion dollars. The increase during May was 1 billion dollars.

	<u>F.Y. 1941</u>	<u>F.Y. 1942</u>	<u>F.Y. 1943</u>	<u>Total</u>
	(In b i l l i o n s)			
<u>Appropriations and</u>				
<u>contract authorizations:*</u>				
Army	\$13.138	\$71.335	\$ ---	\$84.473
Navy (including Coast Guard)	4.414	18.333	13.722	36.469
Defense Aid	7.000	11.410	---	18.410
Maritime Commission	.469	5.733	---	6.202
Defense Housing	.420	.600	---	1.020
Other defense activities	<u>.553</u>	<u>2.183</u>	<u>.014</u>	<u>2.750</u>
Subtotal	\$25.994	\$109.594	\$13.736	\$149.324
 Estimated appropriations				
required beyond F.Y. 1943 for				
completion of the expanded				
Navy				<u>7.242</u>
Subtotal				156.566
 Additional sums now pending				
before Congress amount to				<u>6.535</u>
Grand total				\$163.101

*The parts of appropriations intended to liquidate prior contract authorizations are estimated and have been excluded. Amounts are subject to future adjustments based on actual allocations of appropriations for the liquidation of contract authorizations.

War Expenditures

The total Federal expenditures for the war effort in April were approximately \$3.5 billion, representing an increase of 9 percent over the daily average for March.

	April Disbursements	Daily Average Change over March
Army	\$1,284,370,000	17%
Navy	1,019,621,000	22%
Defense Aid	524,846,000	- 5%
RFC	274,720,000	-20%
Maritime Commission	102,000,000	—
Loans to China	200,000,000	—
Other	114,640,000	-19%
Total	\$3,520,197,000	9%

Sale of War Bonds

The sale of war bonds amounted to \$634 million in May, as compared with \$536 million in April.

Gross Debt

The gross debt increased \$2.5 billion during April to a total of \$65 billion on April 30. The May increase was \$3.6 billion, bringing the total to \$68.6 at the close of the month.

III. AERONAUTICAL PROGRAM

April Aircraft Production

Revised figures show 3,501 airplane acceptances in April. This was 137 more than first reported and 39 more than for March.

Aircraft Acceptances for April, by Type and Customer* (As reported by the War Production Board)

<u>Type</u>	<u>Army</u>	<u>Navy</u>	<u>Defense Aid</u>	<u>British</u>	<u>Other Foreign</u>	<u>Commer- cial</u>	<u>Total</u>
Bomber, 4-engine	171	—	—	—	—	—	171
Bomber, 2-engine	137	63	109	135	—	—	444
Bomber, 1-engine	—	79	—	27	—	—	106
Pursuit	<u>209</u>	<u>92</u>	<u>327</u>	<u>110</u>	<u>9</u>	—	<u>747</u>
Total combat	517	234	436	272	9	—	1,468
Observation	361	87	42	2	—	—	492
Transport	<u>104</u>	<u>10</u>	<u>7</u>	—	—	<u>7</u>	<u>128</u>
Total tactical	982	331	485	274	9	7	2,088
Trainers	<u>1,027</u>	<u>183</u>	<u>178</u>	—	<u>25</u>	—	<u>1,413</u>
Grand total	2,009	514	663	274	34	7	3,501

*This table shows the initial allocation of production and does not reflect subsequent redistribution or transfers between customers. It excludes less than 12-place commercial deliveries.

Average daily (30 days) employment in the manufacturing of military airframes, engines, and propellers was 2,609,300 productive man-hours for April. This was an increase of 4 percent over the March daily average.

Including spares and non-scheduled commercial deliveries, 18,648,300 pounds of airframes were accepted in April — an average daily rate of 622,000 pounds. This rate is a 2 percent increase over the March daily average.

The following statements from WPB indicate significant April production changes:

"Spares delivered in April numbered 623 equivalent units, 18% of the 3,501 complete aircraft accepted. * * *

"Despite the increase in 4-engine bomber acceptances * * * in April * * * production in terms of airframe weight decreased 1% from 18.8 million pounds in March to 18.6 in April * * *

"The 'pool' of accepted but undelivered aircraft increased 28% from 868 on March 31 to 1,115 (revised figure) on April 30. (During the first 12 days of May, 274 more aircraft were flown away from the pool than were added, thereby reducing the pool to 841 on May 13).

"April engine shipments by program companies numbered 10,614 (including 521 for Ordnance), an increase of 12% above the 9,477 (including 497 for Ordnance) in March. Equivalent engine spares for April numbered 600, compared to 412 in March — an increase of 46%. Engine HP shipped in April was 10.5 million HP, a 14% increase above the 9.2 million HP shipped in March.

"Propeller shipments of the 4 program companies in production increased 18%, from 7,077 in March to 8,374 in April. Nash Kelvinator in its second month's production shipped 570 propellers. * * *

"A noteworthy fact is that the average equivalent time of full plant operation in 36 aircraft plants in production increased to 88.0 hrs./wk. in April from an average of 86.1 hrs./wk. in March. The degree of plant utilization by the 16 engine manufacturers in production showed a further improvement of 1 hr./wk. in April over the 106.0 hrs./wk. in March. On the other hand, 4 propeller manufacturers utilized their facilities an average of .9 hrs./wk. less than the 108.5 hrs./wk. average in March."

May Aircraft Production

Preliminary figures show 3,919 acceptances of military aircraft in May — 2,302 tactical types and 1,617 trainer planes. This is an increase of 418 planes over April.

There follows a comparison of acceptances in April and May of principal types:

	<u>April</u>	<u>May</u>	<u>Increase</u>
4-engine bombers	171	178	4%
2-engine bombers	444	673	52%
1-engine bombers	106	170	60%
Pursuits	747	773	4%
Trainers	1,413	1,617	14%

The "pool" of accepted but undelivered aircraft decreased from 1,152 at the end of April to 1,082 at the end of May. About 80 per cent of these were tactical types.

Army Air Forces

A. Airplanes

The Army reported 16,717 airplanes of suitable types on hand April 30. In addition it had 1,754 airplanes of types not currently accepted as suitable. Reports are not available to indicate physical losses or condemnations during the month.

Army Airplanes, April 30, 1942 (Suitable types only)

	<u>On Hand</u> <u>April 30, 1942*</u>
Tactical:	
Combat:	
Bombers, heavy	585
Bombers, medium	498
Bombers, light	597
Pursuit	<u>2,371</u>
Total combat	4,051
Service combat:	
Transport, observation, liaison, etc.	<u>1,826</u>
Total tactical	5,877
Trainers	<u>10,840</u>
Total planes	16,717

B. Personnel of the Army Air Forces

The active duty strength of the Army Air Forces, including personnel assigned from other services, totaled 544,275 at the end of March.

Active Duty Strength of Army Air Forces -- March 31, 1942

	<u>Active Duty</u>	<u>Required for 115 Group Program</u>
<u>Officer Pilots</u>		
Tactical units	7,368	---
Training activities	5,484	---
Overhead	<u>1,967</u>	---
Total pilots	14,819	---
<u>Other Officers</u>		
Army Air Forces	15,137	---
Assigned arms and services	<u>5,849</u>	---
Total other officers	<u>20,986</u>	---
Total officers	35,805	86,499
<u>Enlisted Men</u>		
Army Air Forces	367,817	715,617
Assigned arms and services	<u>99,628*</u>	<u>215,913</u>
Total enlisted men	467,445	931,530
<u>Aviation Cadets</u>		
Flying cadets (pilot)	18,150	---
Flying cadets (non-pilot)	4,594	---
Technical and unclassified	<u>18,099</u>	---
Total aviation cadets	40,843	60,677
<u>Warrant Officers</u>	<u>182</u>	<u>---</u>
Army Air Forces, aggregate	544,275	1,078,706

*As of February 28, 1942.

Navy and Marine Corps Aeronautical Program

A. Airplanes

Receipts of airplanes were reported by the Navy as 511 for April with losses at 81. This compares with 301 receipts in March and 97 losses.

Status of Navy and Marine Corps Airplanes, April 30, 1942

<u>Type</u>	<u>April Receipts</u>	<u>April Losses</u>	<u>Useful Planes on Hand</u>
Combat planes:			
Bombing, 4-engine patrol	0	0	5
Bombing, 2-engine patrol	62	6	563
Bombing, torpedo	25	0	140
Bombing, scout	54	24	709
Fighting	92	25	710
Scouting observation	<u>79</u>	<u>13</u>	<u>1,002</u>
Total combat	312	68	3,129
Transport and utility	16	2	428
Training planes	<u>183</u>	<u>11</u>	<u>2,792</u>
Total planes	511	81	6,349

B. Personnel

The estimated active duty strength of the aeronautical organization of the Navy was 133,100 on April 30, as compared with 119,500 at the end of March. There were 7,062 pilots in training during the month and 584 completed. The corresponding figures for March were 6,625 and 692, respectively.

IV. NEW PRODUCTION FACILITIES

Total Contracts

Up to the middle of May, contracts had been awarded by the War and Navy Departments, the Defense Plant Corporation, and the Maritime Commission for 1,579 production facility projects at an estimated cost of \$11 billion. This amount includes projects financed from Defense Aid appropriations, and it represents an increase of \$1.5 billion since the middle of April. The increase for the month prior was \$1.8 billion.

Production Facilities Under Contract at Mid-May

<u>Type of Facility</u>	<u>Number of Projects</u>	<u>Estimated Cost (millions)</u>
Aircraft	272	\$1,941
Ordnance	497	4,600
Shipbuilding	398	1,755
Other	412	2,931*
Total	1,579	\$11,227

*Includes machine tool purchases by the Defense Plant Corporation at \$1 billion.

Agencies Financing

The financing of these projects is divided among the four agencies, as follows:

	<u>Number of Projects</u>	<u>Obligations</u>	
		<u>Mid-May (millions)</u>	<u>Increase Since Mid-Apr. (millions)</u>
War*	547	\$4,757	\$ 547
Navy	647	2,238	222
Defense Plant Corporation	731	4,887	856
Maritime Commission	32	248	49
Gross total	1,957	\$12,130	\$1,674
Less: Overlap with DPC	378	903	192
Net total	1,579	\$11,227	\$1,482

*Does not include projects with conditional or contingent liability to Defense Plant Corporation.

War and Navy Funds and Obligations

At the middle of May, the War and Navy Departments had obligated by contracts 63 percent of the \$11 billion available for expansion of production facilities and plants.

	Available Funds (<u>Millions</u>)	Contracts* Awarded (<u>Millions</u>)	Percent Contracted
<u>War</u>			
Aircraft	\$1,106	\$ 757	68
Ordnance	5,381	3,822	71
Other	678	178	26
Unallotted funds	<u>267</u>	<u>—</u>	<u>—</u>
Subtotal	\$7,432	\$4,757	64
<u>Navy</u>			
Aircraft	512	358	70
Ordnance	782	485	62
Shipbuilding	<u>2,450</u>	<u>1,395</u>	57
Subtotal	<u>\$3,744</u>	<u>\$2,238</u>	60
Grand total	\$11,176	\$6,995	63

*Includes amounts obligated on Defense Plant Corporation projects.

V. ARMYStatus of Stocks

The Services of Supply shows the following distribution of stocks of selected items:

Status of Stocks -- April 30, 1942

	<u>Total</u>	<u>With U.S. Troops</u> <u>In U.S.</u>	<u>Outside</u> <u>U.S.</u>	<u>In</u> <u>Storage</u> <u>in U.S.</u>
<u>Aircraft</u>				
Gun, 20 mm.	12,494	7,002	0	5,492
Gun, 37 mm.	1,643	997	87	559
<u>Antiaircraft</u>				
Gun, 90 mm.	401	243	121	37
Gun, 40 mm.	98	0	72	26
Gun, 37 mm.	587	263	313	26
<u>Combat Vehicles</u>				
Tank, light (less armament)	2,156	1,632	254	270
Tank, medium (less armament)	1,598	1,322	16	260
Personnel carrier	5,266	4,857	354	55
<u>Artillery</u>				
Howitzer, 155 mm. (high speeding)	1,705	1,349	100	256
Gun, 155 mm. (high speeding)	510	430	80	0
Gun, 75 mm.	1,270	1,045	214	0
Howitzer, 105 mm.	2,205	1,825	321	59
Howitzer, 75 mm.	551	444	87	10
Gun, 155 mm.	105	100	0	5
<u>Small Arms</u>				
Garand rifle (thousands)	509	348	151	10
Gun, 37 mm. (A.T. & S.P.)	4,449	2,979	1,203	267
Mortar, 81 mm.	2,752	1,760	823	169
Mortar, 60 mm.	7,041	4,851	1,166	1,024

Procurement of Equipment and Facilities

The War Department reports that on May 28 it had placed orders amounting to approximately 72 percent of \$59 billion available for supplies, equipment, and facilities.

Production of Selected Critical Materiel to May 1, 1942* (Includes Defense Aid and Navy items procured by the Army)

	July 1, 1940 and After		Acceptances		
	<u>Authorized</u>	<u>Ordered</u>	<u>7-1-40 to 4-30-42</u>	<u>Mar.</u>	<u>April</u>
<u>Aircraft</u>					
Gun, 20 mm.	142,565	126,783	15,276	3,912	4,738
Gun, 37 mm.	14,140	14,121	1,657	350	400
<u>Antiaircraft</u>					
Gun, 90 mm.	7,958	7,657	541	84	137
Gun, 40 mm.	25,640	12,736	430	65	365
Gun, 37 mm.	3,195	3,195	764	51	121
<u>Combat Vehicles</u>					
Tank, light (less armament)	27,161	25,661	4,632	418	557
Tank, medium** (less armament)	42,065	42,065	4,068	672	817
Personnel carrier, half track	13,301	12,801	5,496	480	220
<u>Artillery</u>					
Howitzer, 155 mm. (high speeding)	1,584	1,584	1,559	68	25
Gun, 155 mm. (high speeding)	853	853	542	18	34
Gun, 75 mm.	2,680	2,680	1,297	101	218
Howitzer, 105 mm.	8,475	5,696	2,543	656	648
Howitzer, 75 mm.	4,814	2,609	746	68	134
Gun, 155 mm.	504	504	178	31	31
<u>Small Arms</u>					
Garand rifle (thousands)	1,581	1,581	564	49	53
Gun, 37 mm. (A.T. & S.P.)	27,832	24,513	4,986	394	752
Mortar, 81 mm.	8,635	8,635	3,699	286	281
Mortar, 60 mm.	24,262	24,262	8,469	379	323

*Proof firing may not be complete, and self-propelled guns are less motor carriage.

**Includes British and Canadian orders.

Military Construction

On May 15, the Corps of Engineers had ^{issued} [^] authorizations for 1,570 emergency construction projects estimated to cost \$6.7 billion, an increase of \$507 million since April 15. This program is limited to that work within the Continental United States and does not in general include equipment for ordnance or other manufacturing plants.

<u>Number of Projects</u>	<u>Status</u>	<u>Estimated Cost</u>	<u>Percent of Total</u>
717	Completed	\$2,697,000,000	40
618	Under construction	3,466,000,000	52
<u>235</u>	Not started	<u>543,000,000</u>	<u>8</u>
1,570		\$6,706,000,000	100

Construction in Place, by Types -- May 15, 1942

Type	Estimated Cost		Construction in Place				
	Million Dollars	% of Total	Million Dollars	%	25	50	75
Troop facilities	\$1,847	27	\$1,284	70			
Port facilities	69	1	32	46			
General storage	310	5	129	42			
Ammunition storage	316	5	139	44			
Ordnance plants & facil.	2,062	31	1,225	59			
Chemical warfare plants	152	2	79	52			
General hospitals	83	1	28	34			
Air Corps--tactical units	440	7	177	40			
Air Corps--schools, etc.	1,368	20	506	37			
Miscellaneous	59	1	26	44			
Total, May 15	\$6,706	100	\$3,625	54			
Total, April 15	6,199		3,233	52			
Increase	\$507		\$392				

Military Personnel

The estimated net increase in the strength of the Army during April was 243,580, bringing the total at the end of the month to 2,620,000. During the month, 215,000 selectees were inducted and 40,000 new enlistments in the Army of the United States were reported—a total of 255,000.

Estimated Active Duty Strength of the Army — April 30, 1942
 (Figures subject to correction)

	<u>Officers</u>	<u>Enlisted Men*</u>	<u>Total</u>
Regular Army	14,973	542,448	557,421
Reserves	109,610	98,017	207,627
National Guard	14,682	204,916	219,598
Selectees	—	1,329,597	1,329,597
Army of the United States	<u>13,837</u>	<u>291,939</u>	<u>305,776</u>
Total, April 30, 1942	153,102	2,466,917	2,620,019
April increase	9,450	234,130	243,580

*Includes warrant officers, nurses, and selectees.

VI. NAVYCombatant Vessels

The battleship Indiana, three submarines, and seven destroyers, aggregating 50,940 standard displacement tons, were completed in April. Contracts were signed for seven additional submarines.

The following table shows the number of vessels in various stages of completion as of April 30:

Combatant Vessel Construction Program
As of April 30, 1942

Type of Vessel	Number of Vessels						
	Projected or Under Construction	Percentage of Completion					
		0	0-5	5-25	25-50	50-75	75-100
Battleship	13	5	1	3	1	1	2
Aircraft carrier	19	2	6	3	7	1	0
Large cruiser	6	0	4	2	0	0	0
Heavy cruiser	8	0	4	0	4	0	0
Light cruiser (6,000-ton)	4	0	1	2	1	0	0
Light cruiser (10,000-ton)	28	4	2	11	4	5	2
Destroyer (1,620-30 ton)	55	0	0	5	15	21	14
Destroyer (2,100-ton)	138	7	22	75	22	8	4
Submarine	92	7	22	36	8	7	12
Escort vessel	250	230	20	0	0	0	0
Total	613	255	82	137	62	43	34

Charts at the end of this report show progress and schedules on individual vessels. The following chart indicates the size of the combatant vessel program now under way and gives an estimate of the

equivalent value of work done through April 30th on undelivered vessels:

Combatant Vessel Program Expressed in Tonnage
April 30, 1942

	Thousands of Displacement Tons		
	0	1,000	2,000
Total under construction or to be constructed	2,452		
Estimated equivalent of work done on undelivered vessels	431		
Delivered -- July 1, 1940 to April 30, 1942	282		

Enlistments in Navy, Marine Corps, and Coast Guard

From the beginning of December through March, there were 232,000 enlistments in the Navy, Marine Corps, and Coast Guard. This is an average of 58,000 per month and compares with an average of 17,600 for the four months prior to December.

Enlistments in the Navy, Marine Corps, and Coast Guard

	<u>Navy</u>	<u>Marine Corps</u>	<u>Coast Guard</u>	<u>Total</u>
August	13,452	3,319	1,700	18,471
September	14,112	3,115	1,599	18,826
October	13,351	2,764	1,853	17,968
November	11,328	2,555	1,296	15,179
Total	52,243	11,753	6,448	70,444
December	44,746	10,222	3,837	58,805
January	60,479	21,830	4,305	86,614
February	25,542	11,274	3,590	40,406
March	35,515	7,233	3,556	46,304
Total	166,282	50,559	15,288	232,129

Navy Military Personnel

The strength of the Navy on May 1 was reported at 536,000, of which number 52,000 were officers.

Shore Construction Program by Bureau of Yards and Docks

On May 1, the shore construction program of the Bureau of Yards and Docks aggregated \$4.3 billion and was about 33 percent complete:

Bureau of Yards and Docks -- Shore Construction Program

<u>Classification</u>	<u>Total Authorized</u> (In	<u>Total Obligated</u> millions)	<u>Reported Value of Work Done</u>	<u>Percent Complete</u>
Shipbuilding and repair facilities	\$525	\$525	\$205	39
Fleet facilities	194	194	81	42
Aeronautical facilities	760	759	408	54
Ordnance facilities	189	189	83	44
Storage facilities	268	268	107	40
Structures of naval personnel	243	243	86	35
Marine Corps facilities	104	104	45	43
Radio facilities	16	16	9	56
Hospital facilities	86	86	29	34
Structures not otherwise classified	120	120	23	19
Emergency expenditures*	11	11	6	57
Advance bases	350	350	12	35
British bases	120	113	64	54
Defense housing	70	70	63	89
Defense aid	177	176	86	49
Other	<u>1,067</u>	<u>221</u>	<u>133</u>	12
Total	\$4,300	\$3,445	\$1,440	33

*Hawaiian Islands.

VII. MARITIME COMMISSIONApril Ship Deliveries

Thirty-six ships, with an aggregate of 402,000 deadweight tons, were delivered by merchant shipbuilders in the United States during April.

The detail of the April deliveries is:

Deliveries of Merchant Ships by U. S. Shipyards During April

Account	Number and Deadweight Tonnage				
	Tankers		Cargo		Total
Maritime Commission	1	16,400	27	292,472	28 308,872
British	0	—	6	60,600	6 60,600
Private	2	32,160	0	—	2 32,160
Total	3	48,560	33	353,072	36 401,632

Maritime Commission Ship Construction Program

Of a total of 2,078 vessels for which the Maritime Commission had signed contracts, 207 had been completed at the end of April.

U. S. Maritime Commission — Status of Ship Construction
As of April 30, 1942

Type of Vessel	Number of Vessels							Completed
	Total Completed or Under Contract	No Construction Progress Reported	Percentage of Completion					
			0-5	5-25	25-50	50-75	75-100	
Standard cargo	352	4	134	53	27	17	9	108
Emergency cargo	1,368	387	666	118	39	43	56	59
Coaster	50	0	24	25	1	0	0	0
Tanker	164	0	111	17	5	8	2	21
Coastal tanker	28	12	8	8	0	0	0	0
Passenger, and passenger-cargo	34	0	0	1	8	4	4	17
Ore carrier	16	0	11	5	0	0	0	0
Tug	51	0	6	22	15	6	0	2
Concrete barge	15	0	15	0	0	0	0	0
Total	2,078	403	975	249	95	78	71	207

May Ship Deliveries

Information received at the closing of this report indicates that 57 merchant-type ships of over 5,000 DWT were delivered by U. S. ship-building yards during May:

<u>Account</u>	<u>Number and Deadweight Tonnage</u>					
	<u>Tanker</u>		<u>Cargo</u>		<u>Total</u>	
Maritime Commission	2	32,800	45	483,100	47	515,900
British	-	---	9	90,900	9	90,900
Private	<u>1</u>	<u>13,000</u>	<u>-</u>	<u>---</u>	<u>1</u>	<u>13,000</u>
Total	3	45,800	54	574,000	57	619,800

VIII. STOCKPILE AND PUBLIC PURCHASES OF BASIC DEFENSE COMMODITIES

Strategic and critical materials are purchased by the Government:

(1) for stockpiles to be used only in case of an emergency with respect to the specific items concerned; (2) for stockpiles to be released only by WPB; and (3) for resale to industry currently upon receipt. The following table shows the status of selected items as of May 16:

S e l e c t e d B a s i c C o m m o d i t i e s

<u>Commodity</u>	<u>Unit of Measure</u>	<u>Recom- mended Purchase Program</u>	<u>Purchased to 5-16-42</u>	<u>Stockpile Inventory 5-16-42</u>	<u>Inventory Change Since 12-6-41</u>
Aluminum	Metric tons	100,000 ^{1/}	682,748	0	0
Antimony	Tons	27,000	58,928	8,776	954
Aviation gasoline	1,000 barrels	0	192,000	0	0
Chrome ore	1,000 l.t.	1,950	1,771	446	169
Copper	1,000 tons	600 ^{1/}	856	123	48
Diamonds (indus.)	1,000 carats	10,640	1,268	972	237
Diamond dies	Dies	10,000	19,954	3,001	-325
Manganese	1,000 l.t.	3,300	3,574	795	328
Manila fiber	1,000 bales	2,037	249	187	34
Mercury	Flasks	50,000	46,842	21,325	16,804
Mica	Tons	13,850	11,767	3,723	1,029
Nickel	Tons	15,000 ^{1/}	8,736	0	0
Nitrate of soda	1,000 tons	300	221 ^{2/}	0	- 9
Opium	1,000 pounds	240	144	0	0
Quartz crystals	1,000 pounds	1,002	3,557	3,342	1,852
Quinine sulphate	1,000 av. oz.	9,200	9,365	8,700	1,500
Rubber	1,000 l.t.	1,900 ^{1/}	863	550	216
Silk	1,000 bales	50-100	64	39	32
Tin	1,000 l.t.	307 ^{1/}	116	47	- 3
Tungsten	Tons	30,500	81,793	7,450	-232
Zinc	Tons	80,000	86,000	891	891
Zinc concentrates	1,000 tons	600	585	126	59

^{1/} Part or all of this amount consists of recommended purchases per annum.

^{2/} 200,000 tons stored in Chile.

IX. PRODUCTION AND PRICE CONTROL

Priorities and Allocations

"M" orders governing the distribution and conservation of the following materials and equipment were issued between April 22 and May 22:

Naphthalene	Indian kyanite
Iron and steel	Fuel oil
Spices	Cocoa
Zinc sulphide pigments	Quartz crystals
Cotton textile fabrics for	Cashew nut imports
industrial cloth or tape	Exports of critical material
Coffee	Phosphate rock
Istle and istle products	Arsenic
Naphthenic acid and	Acrylonitrile
naphthenates	Tantalum

Preference ratings -- "P" orders -- which assist manufacturers to obtain materials or parts required for war production or essential civilian production were issued during the same period for the following:

Communications--maintenance, repair and operating supplies	Communications--operating construction
---	---

"L" orders limiting the production of certain items, especially consumers' durable goods, were issued during the month prior to May 22 for:

Refrigeration and air con- ditioning machinery and equipment	Glass container and closure simplification
Anti-freeze	Metal hairpins and bob pins
Construction equipment	Protective helmets
Used rail and rail joints	Copper
Corsets, combinations, and brassieres	Finishes of metalworking equipment
Fishing tackle	Electroplating and anodizing equipment
Electric power curtailment	Hand trucks
Domestic sewing machines	Wood cased pencils
Passenger carriers	Safety equipment
Incendiary units	Heavy power and steam equipment
Feminine lingerie	Construction lumber

Rationing orders were issued during the month prior to May 22 for emergency gasoline and new adult bicycles.

Price Control

On April 28, the General Maximum Price Regulation was issued and became effective on May 18 for nearly all commodities sold in retail stores. In addition, price regulations were issued between April 22 and May 22 for the following 31 items:

Original equipment tires and tubes	Machines and parts
Bituminous coal delivered from mine	Motor fuel sold at service stations
Solid fuels delivered from facilities	Standard ferromanganese
Raw and processed wool waste materials	Used household mechanical refrigerators
Rolled zinc products	Sanitary napkins
Nonferrous foundry products	Shearlings
Fluorspar	Summer seasonal commodities
Finished piece goods	Wholesale prices for new rubber tires and tubes
Processed piece goods	Retail prices for agricultural insecticides and fungicides
Paper and paper products	Pickled sheepskins
Standard newsprint paper	Appalachian hardwood lumber
Camelback	Bolts, nuts, screws, and rivets
Waterproof rubber footwear	Dressed hogs and wholesale pork cuts
Retail prices for farm equipment	Mechanical rubber goods
Construction and road maintenance equipment rental prices	Milled rice
Mixed fertilizer, superphosphate, and potash	

X. EMPLOYMENT, INDUSTRIAL DISPUTES, AND VOCATIONAL TRAINING

Employment

Total civil nonagricultural employment increased by 381,000 from mid-March to mid-April, according to preliminary estimates of the Bureau of Labor Statistics. The largest gain among major industrial groups occurred in construction and was traceable largely to Federal activities.

	April 1942	Change from March 1942 April 1941	
Civil nonagricultural employment	40,773,000	381,000	2,545,000
Manufacturing employees	12,897,000	52,000	1,213,000
Federal Government, executive service	2,034,200	108,000	782,900
WPA employment	866,700	-96,800	-754,900

Industrial Disputes

According to preliminary estimates of the Bureau of Labor Statistics, the number of strikes in progress increased during April, but idleness amounted to approximately 375,000 man-days, which was 17 percent less than the preceding month and approximately one-sixth of the five-year average for the month of April.

	April 1942*	March 1942*	Average for Apr. 1935-39
Total number of strikes in progress during month	405	320	456
Total number of workers involved in these strikes	85,000	80,000	230,115
Total number of man-days idle during these strikes	375,000	450,000	2,199,274

*Preliminary estimates.

Vocational Training

The latest available reports of the Office of Education show the status of pre-employment courses, supplementary courses, and engineering, science, and management courses, as follows:

	<u>Pre-Employment and Refresher Courses</u>	<u>Supple- mentary Courses</u>	<u>Engineering, Science, and Management Courses</u>
Total new registrations:			
February	86,916	75,830	56,508
March	96,181	80,629	65,151
Number concluding training:			
February	69,151	65,741	41,296
March	89,923	83,760	39,063

XI. PROGRESS CHARTS

1. Monthly Cash Disbursements for War Program
2. Monthly Airplane Deliveries
3. Army Active Duty Personnel
4. Construction Status of Battleships, Aircraft Carriers, Large and Heavy Cruisers
5. Construction Status of Light Cruisers
6. Percent of Completion of Destroyers and Submarines
7. Deliveries of Destroyers and Submarines
8. Merchant Ship Construction in the United States
9. Basic War Commodities

CHART I

MONTHLY CASH DISBURSEMENTS FOR WAR PROGRAM

BILLIONS OF DOLLARS

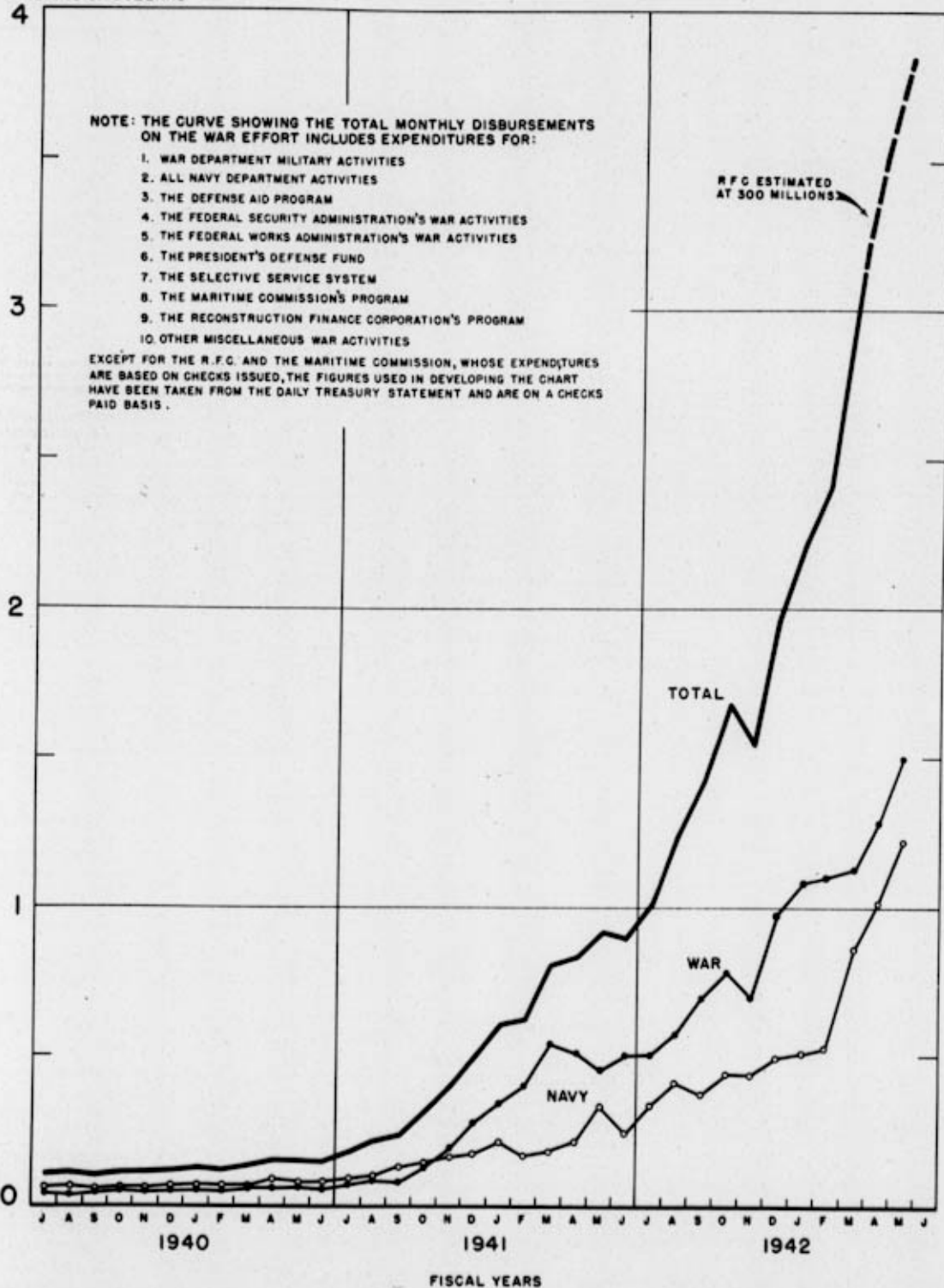
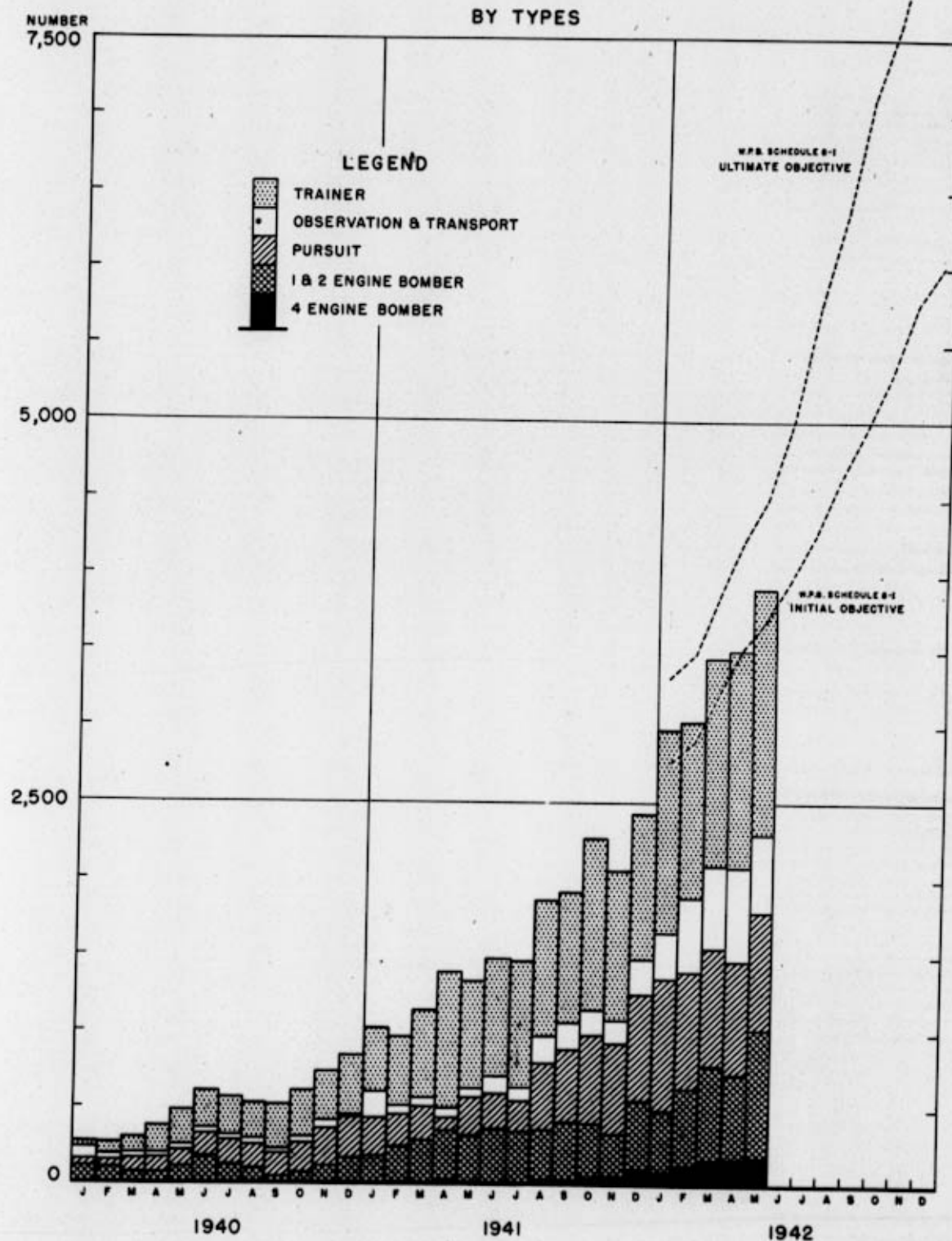


CHART 2

MONTHLY AIRPLANE ACCEPTANCES

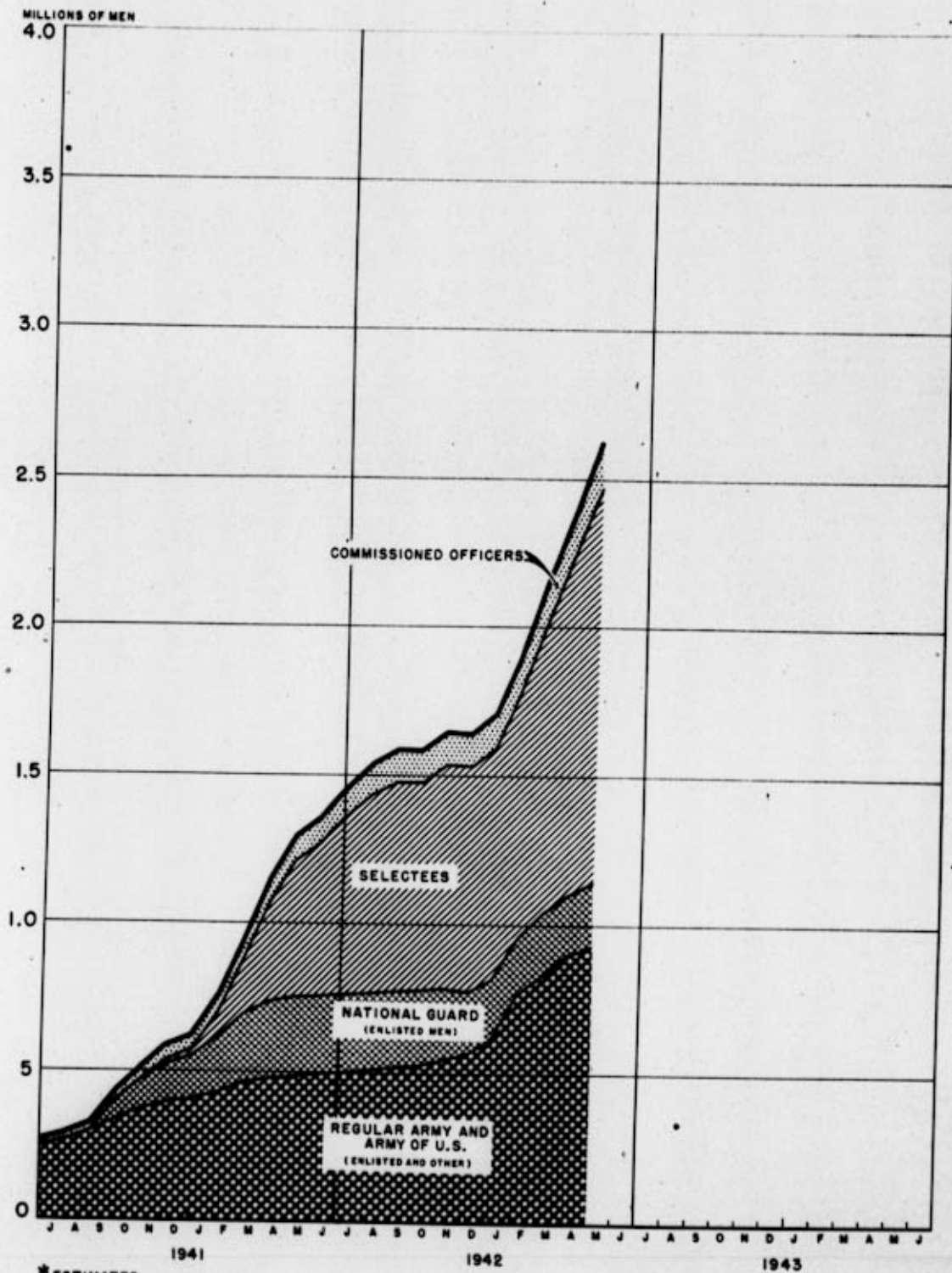
BY MANUFACTURERS OF MILITARY AIRPLANES



SOURCE: WAR PRODUCTION BOARD

CHART 3

ARMY ACTIVE DUTY PERSONNEL*



SOURCE: STATISTICS BRANCH - GENERAL STAFF

CHART 4
CONSTRUCTION STATUS OF
BATTLESHIPS, AIRCRAFT CARRIERS, LARGE AND HEAVY CRUISERS
AS OF MAY 1, 1942

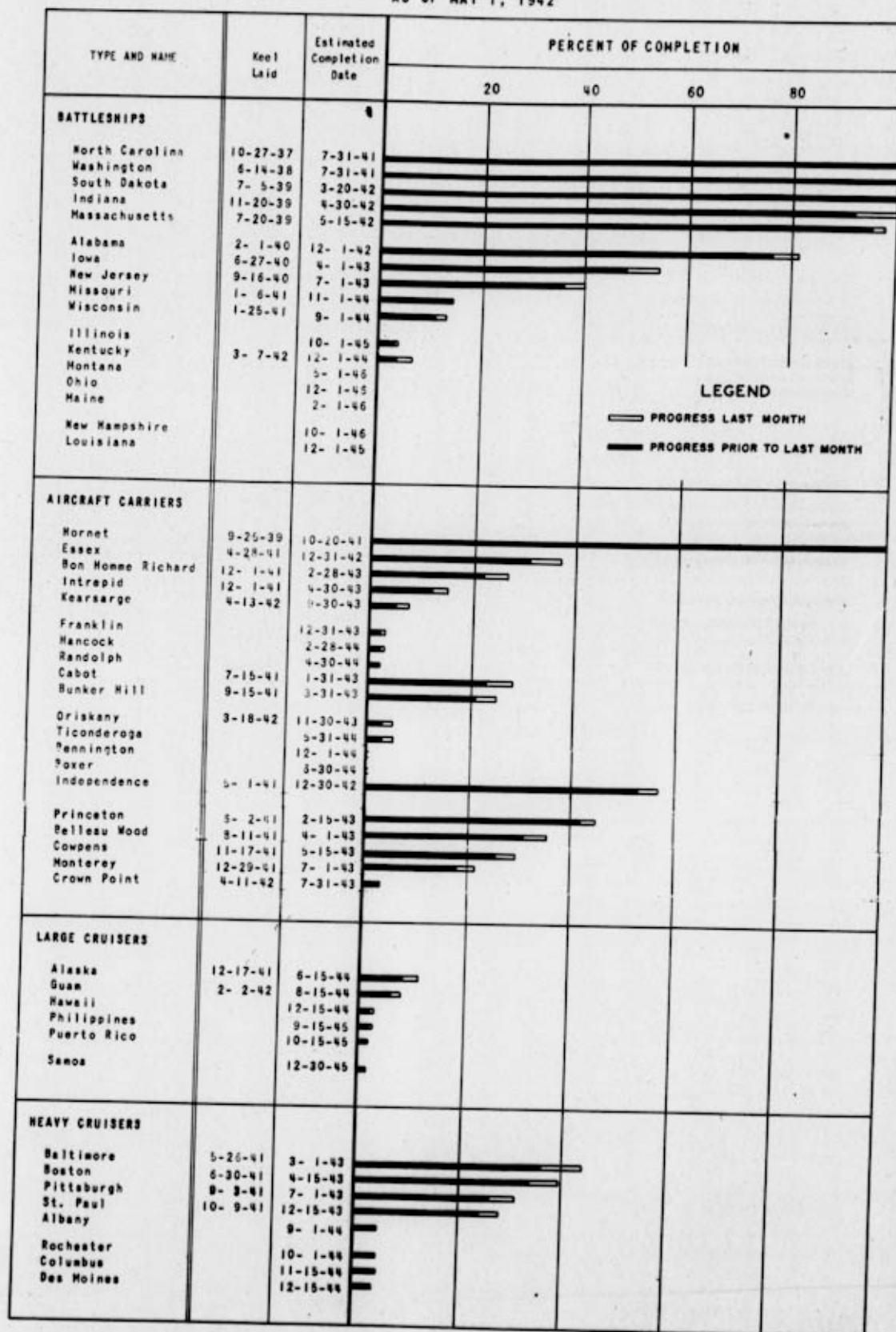


CHART 5

CONSTRUCTION STATUS OF LIGHT CRUISERS

AS OF MAY 1, 1942

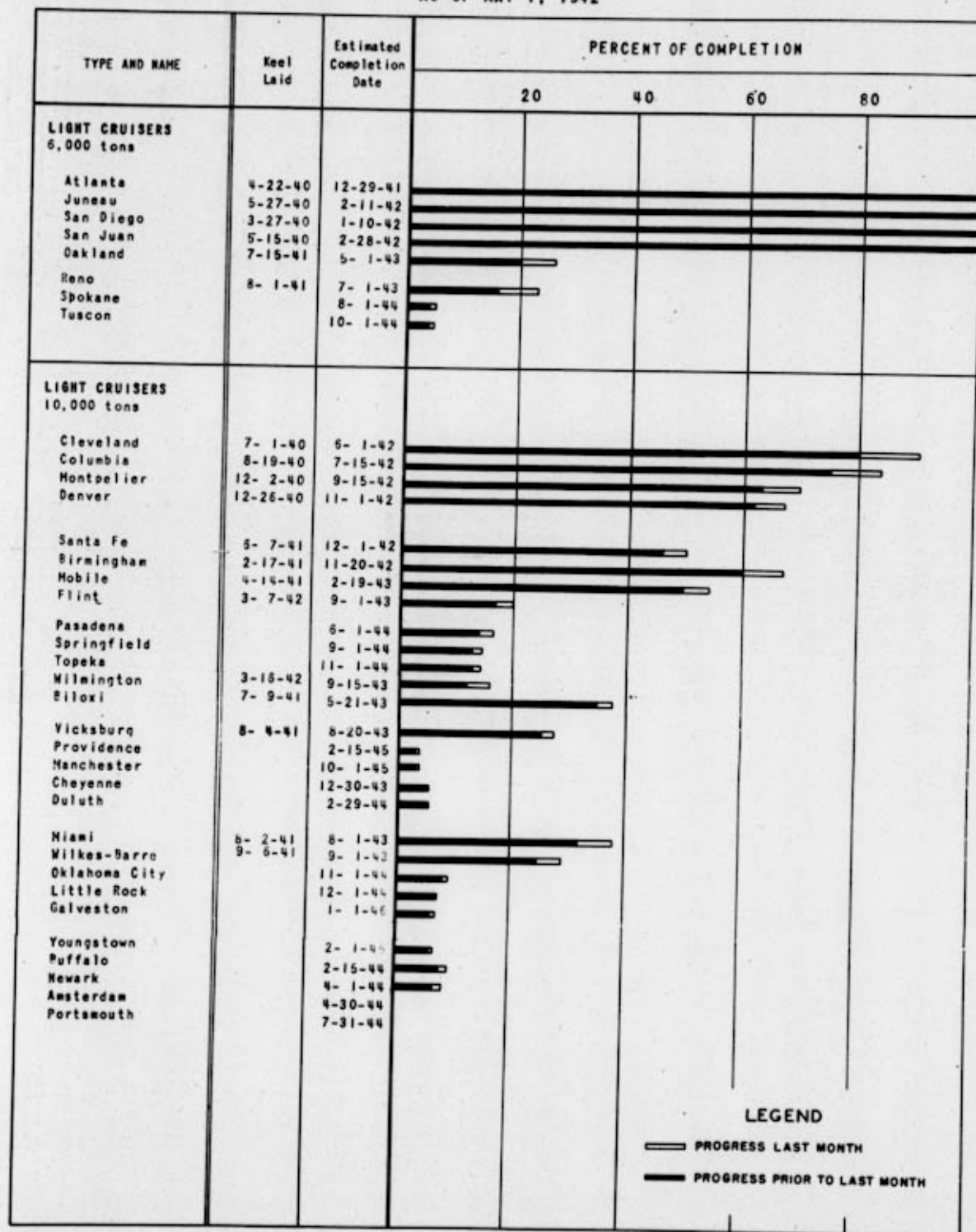


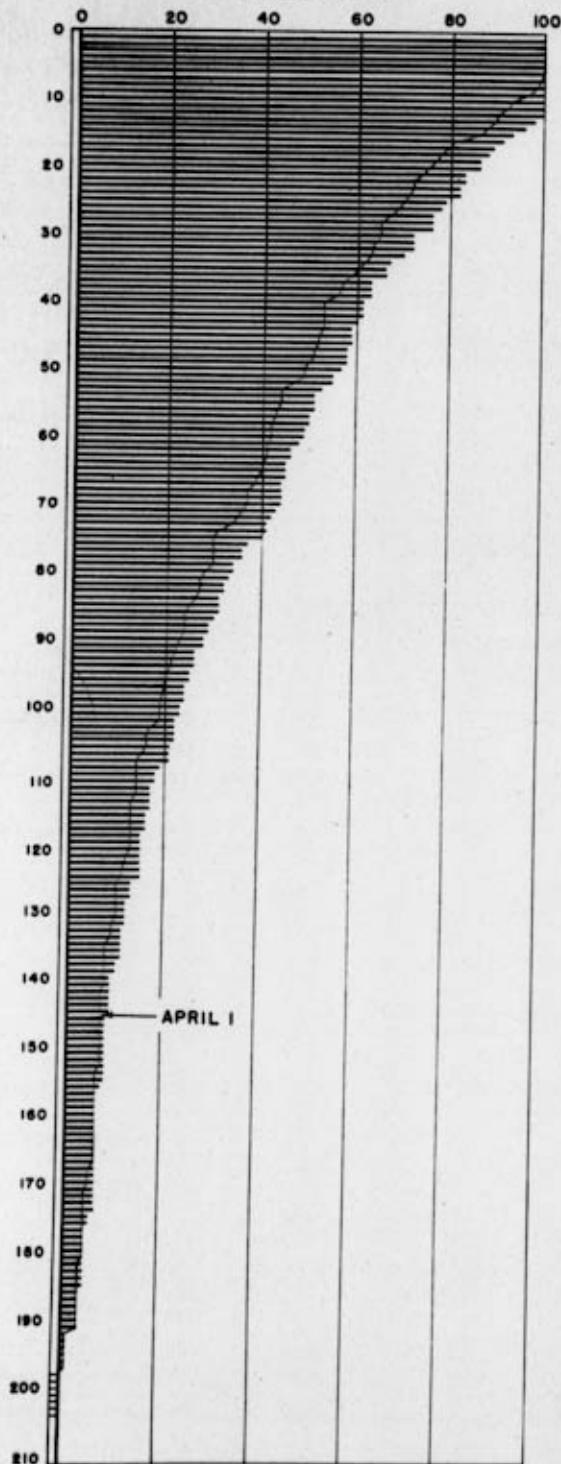
CHART 6

PERCENT OF COMPLETION OF DESTROYERS AND SUBMARINES

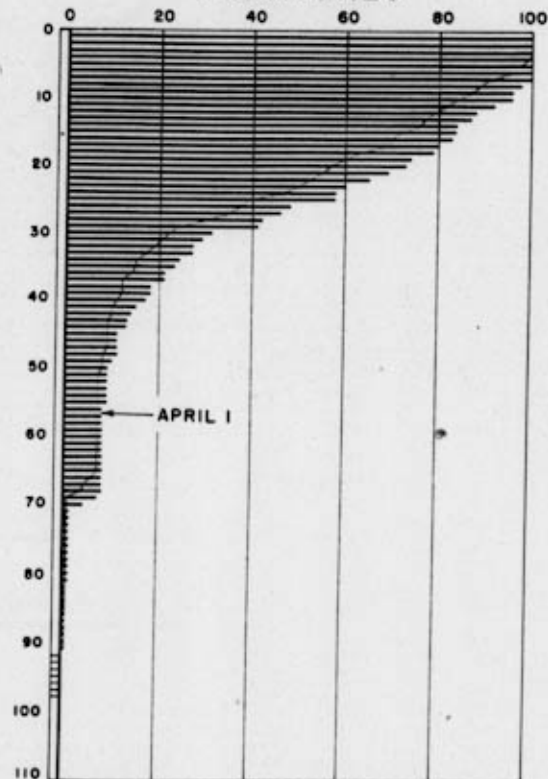
UNDER CONSTRUCTION MARCH 1, 1942 AND AFTER

AS OF MAY 1, 1942

DESTROYERS



SUBMARINES



LEGEND

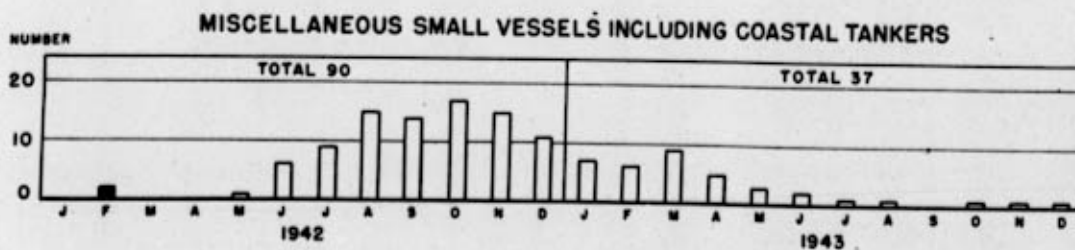
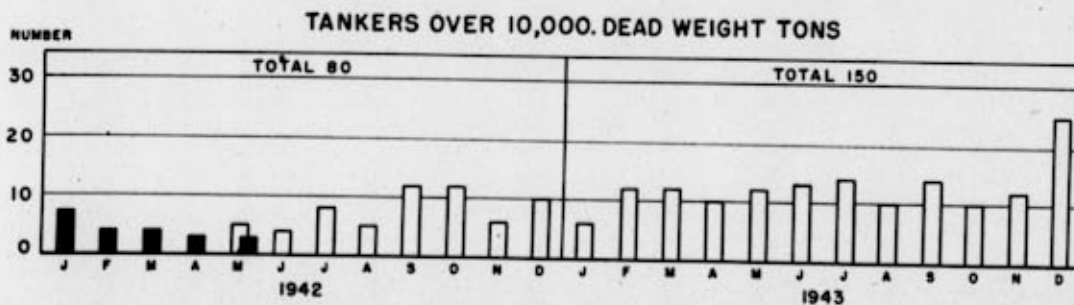
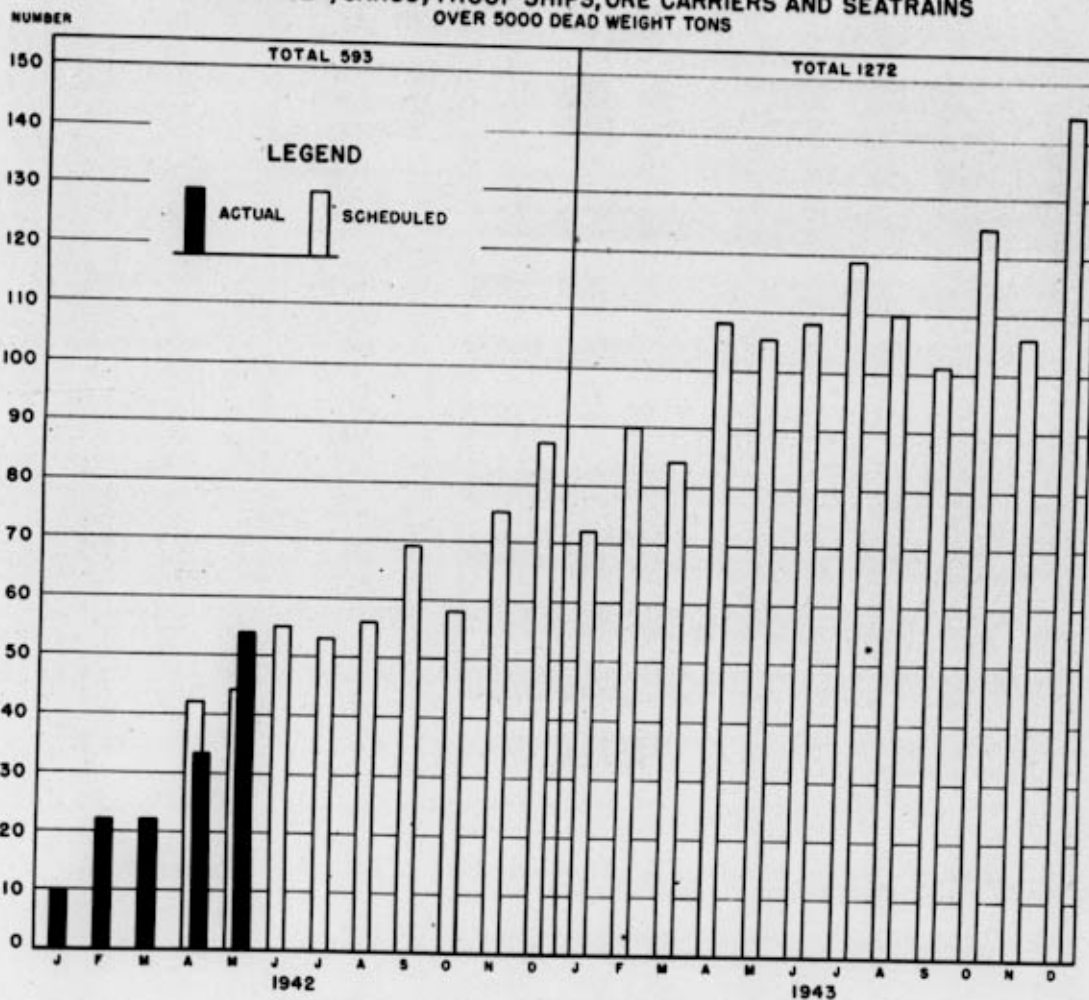
 VESSELS CONTRACTED FOR
BUT NO PROGRESS
REPORTED

MERCHANT SHIP CONSTRUCTION IN THE UNITED STATES

U S MARITIME COMMISSION - PRIVATE AND BRITISH ACCOUNTS

ACTUAL AND ESTIMATED MONTHLY DELIVERIES
BASED ON VESSELS UNDER CONTRACT, AWARDED OR PROPOSED ON APRIL 1, 1942

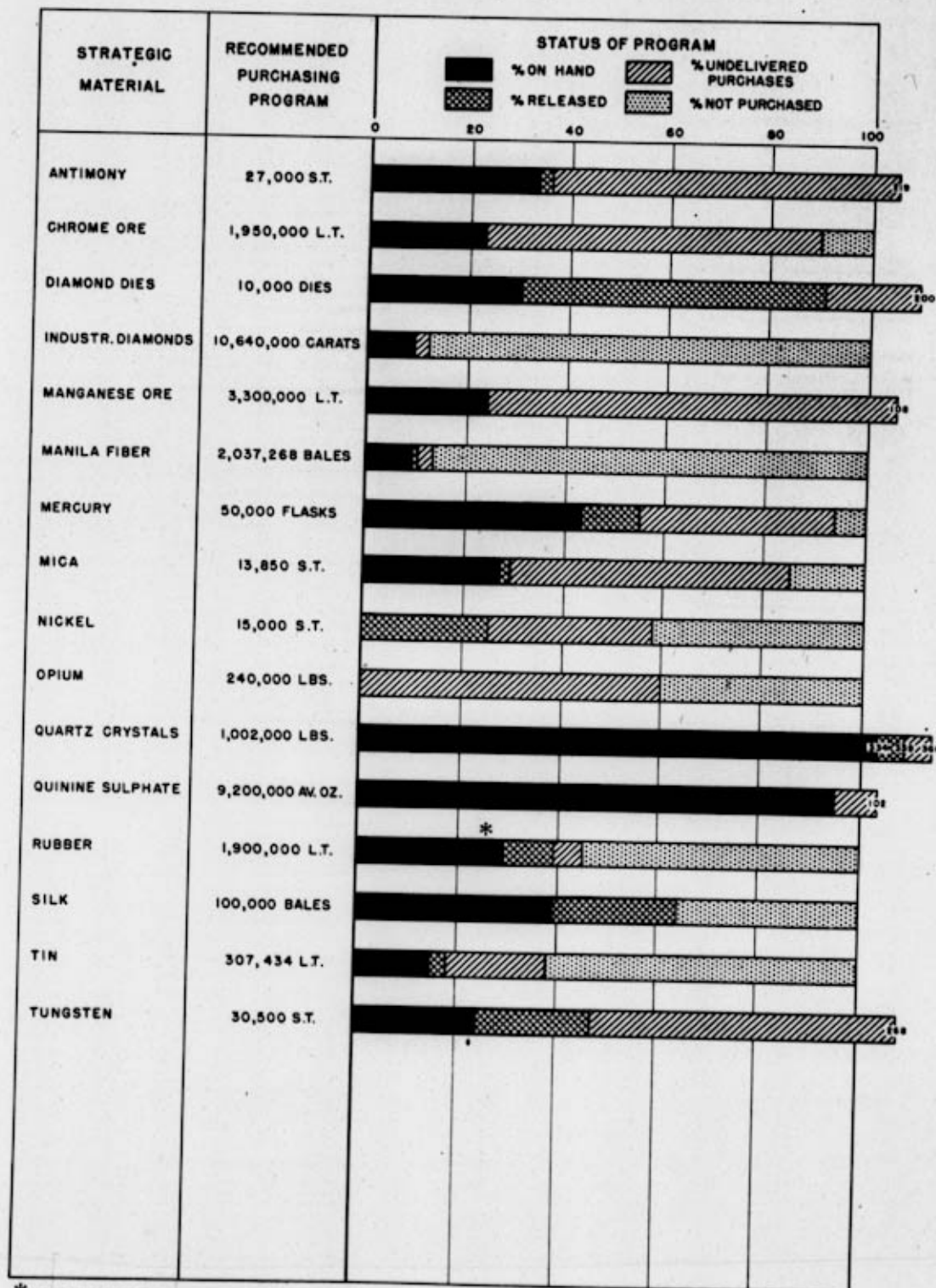
PASSENGER, CARGO, TROOP-SHIPS, ORE CARRIERS AND SEATRAINS
OVER 5000 DEAD WEIGHT TONS



BASIC WAR COMMODITIES

(PERCENTAGES BASED ON QUANTITIES IN RECOMMENDED PURCHASE PROGRAM)

AS OF MAY 16, 1942



* QUANTITY DISPOSED OF INCLUDES 16,000 LONG TONS DESTROYED BY FIRE