

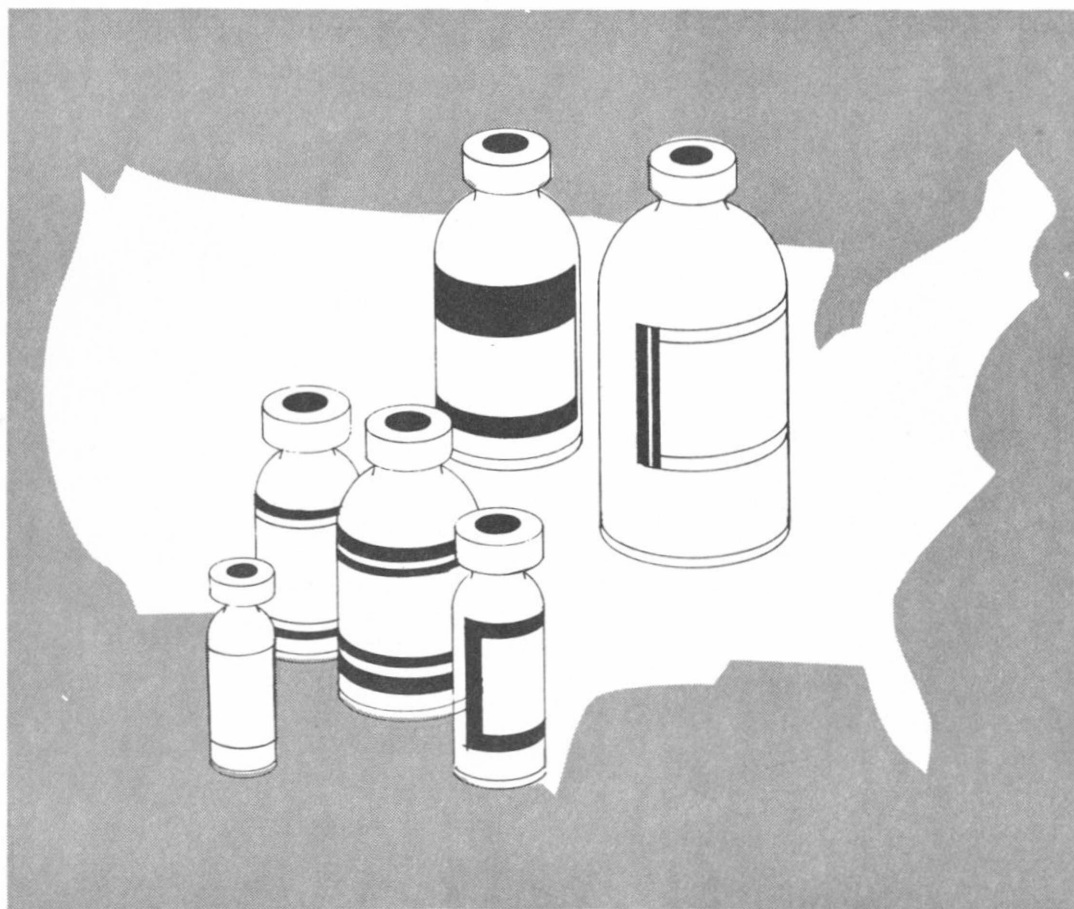
CENTER FOR DISEASE CONTROL

BIOLOGICS

SURVEILLANCE

REPORT NO. 53

APRIL, MAY, JUNE 1972



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

COOPERATING IN THIS PROGRAM ARE THE FOLLOWING:

Armour Pharmaceutical Company
Cutter Laboratories
The Dow Chemical Company
Hyland Laboratories
Illinois Department of Public Health
Lederle Laboratories
Eli Lilly and Company
Massachusetts Department of Public Health
Merck Sharp & Dohme

Merrell-National Laboratories
Michigan Department of Health
Parke, Davis & Company
Pfizer Laboratories
Philips Roxane, Inc.
Smith Kline & French Laboratories
E. R. Squibb & Sons, Inc.
Texas State Department of Health
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CENTER FOR DISEASE CONTROL

ADVISORY COMMITTEE ON
IMMUNIZATION PRACTICES

STATE AND COMMUNITY
SERVICES DIVISION

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BIOLOGICS SURVEILLANCE

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BIOLOGICS SURVEILLANCE

This summary is intended primarily for those concerned with the national use and application of immunizing agents. Although the "Net Distribution" figures are recognized as representing rough approximations only, we believe that a continuing analysis of this kind, interpreted in the light of national and local immunization surveys, will aid in assessing the overall immunization status of the population. It is anticipated that a knowledge of utilization and inventory data will assist in foreseeing possible critical shortages in vaccine supply.

Each major antigen is represented in the form of a line graph showing "Estimated Net Distribution" for the previous year and through the current month of this year. Estimated net distribution represents doses of each vaccine distributed for use during the reporting period and is depicted as gross sales or distribution less recordable returned doses. In addition, specific data is tabulated for each antigen reported during this quarter and is cumulated from the first of the year until present time. Civilian and military data have been combined.

To maintain confidentiality of an individual commercial manufacturer's report for economic and production reasons, current tabulations are available only when at least three producers market and report figures for essentially the same product. This is a basic agreement of the Biologics Surveillance program.

In some instances, where adequate time has elapsed since production and distribution, manufacturers have allowed the data to be released when not all the criteria of confidentiality could be met. Addition of these data to the summaries completes the "natural history" of early patterns of vaccine utilization.

MONTHLY BIOLOGIC SUMMARY FOR APRIL 1972

PRODUCT DESCRIPTION		NET NO. OF DOSES SOLD OR DISTRIBUTED THIS MONTH	GROSS NO. OF DOSES SOLD OR DISTRIBUTED THIS MONTH	NO. OF DOSES RETURNED DURING MONTH	NO. OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT MONTH END	NO. OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT
Influenza Virus Vaccine	Monovalent	**	**	**	**	**
	Bivalent	-292,743	10,907	303,650	2,660,228	812,960
	Polyvalent	**	**	**	**	**
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)		71,355	94,145	22,790	1,128,915	642,296
Diphtheria and Tetanus Toxoids with Pertussis Vaccine		1,221,335	1,284,855	63,520	6,901,815	2,291,776
Tetanus Toxoid with Diphtheria Toxoid (Adult)		335,140	504,140	169,000	1,944,810	479,643
Diphtheria Toxoid		**	**	**	**	**
Tetanus Toxoid		1,131,968	1,226,447	94,479	6,800,674	2,633,099
Pertussis Vaccine		9,240	10,335	1,095	49,925	
Poliomyelitis Vaccine (Inactivated)		**	**	**	**	**
Poliomyelitis Vaccine, Live, Oral,	Type 1	**	**	**	**	**
	Type 2	**	**	**	**	**
	Type 3	**	**	**	**	**
Poliomyelitis Vaccine, Live, Oral, Trivalent		2,311,375	2,337,935	26,560	6,787,545	
Measles Virus Vaccine, Live, Attenuated		720,664	746,997	26,333	1,127,654	571,768
Rubella Virus Vaccine, Live		687,710	714,188	26,478	6,852,890	1,512,000
Smallpox Vaccine		852,589	923,621	71,032	1,300,733	14,487,693
Rabies Vaccine		54,466	54,820	354	46,601	306,955
Immune Serum Globulin (Human)		505,760 cc	516,140 cc	10,380 cc	1,881,453 cc	711,617 cc
Measles Immune Globulin (Human)		**	**	**	**	**
Poliomyelitis Immune Globulin (Human)		**	**	**	**	**
Tetanus Immune Globulin (Human)		69,989	72,207	2,218	263,910	60,137

**Not shown since fewer than three distributors reported

MONTHLY BIOLOGIC SUMMARY FOR MAY 1972

PRODUCT DESCRIPTION		NET NO. OF DOSES SOLD OR DISTRIBUTED THIS MONTH	GROSS NO. OF DOSES SOLD OR DISTRIBUTED THIS MONTH	NO. OF DOSES RETURNED DURING MONTH	NO. OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT MONTH END	NO. OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT
Influenza Virus Vaccine	Monovalent	**	**	**	**	**
	Bivalent	-211,577	24,200	235,777	2,665,770	2,730,520
	Polyvalent	**	**	**	**	**
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)		91,845	129,915	38,070	1,217,820	518,740
Diphtheria and Tetanus Toxoids with Pertussis Vaccine		1,628,150	1,717,355	89,205	5,658,795	1,675,760
Tetanus Toxoid with Diphtheria Toxoid (Adult)		581,820	604,280	22,460	2,083,700	733,884
Diphtheria Toxoid		**	**	**	**	**
Tetanus Toxoid		1,509,193	1,602,234	93,041	6,947,221	1,791,850
Pertussis Vaccine		3,765	5,625	1,860	44,270	
Poliomyelitis Vaccine (Inactivated)		**	**	**	**	**
Poliomyelitis Vaccine, Live, Oral,	Type 1	**	**	**	**	**
	Type 2	**	**	**	**	**
	Type 3	**	**	**	**	**
Poliomyelitis Vaccine, Live, Oral, Trivalent		2,084,005	2,108,485	51,520	8,067,050	
Measles Virus Vaccine, Live, Attenuated		701,459	740,112	38,653	998,530	883,268
Rubella Virus Vaccine, Live		701,015	718,608	17,593	1,839,149	
Smallpox Vaccine		421,638	502,552	80,914	1,741,801	11,025,818
Rabies Vaccine		42,462	42,808	346	41,292	325,088
Immune Serum Globulin (Human)		612,710 cc	632,686 cc	19,976 cc	1,636,861 cc	525,920 cc
Measles Immune Globulin (Human)		**	**	**	**	**
Poliomyelitis Immune Globulin (Human)		**	**	**	**	**
Tetanus Immune Globulin (Human)		88,763	91,620	2,857	282,216	140,843

**Not shown since fewer than three distributors reported

MONTHLY BIOLOGIC SUMMARY FOR JUNE 1972

PRODUCT DESCRIPTION		NET NO. OF DOSES SOLD OR DISTRIBUTED THIS MONTH	GROSS NO. OF DOSES SOLD OR DISTRIBUTED THIS MONTH	NO. OF DOSES RETURNED DURING MONTH	NO. OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT MONTH END	NO. OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT
Influenza Virus Vaccine	Monovalent	**	**	**	**	**
	Bivalent	2,024,355	2,128,660	104,305	4,085,100	2,356,057
	Polyvalent	**	**	**	**	**
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)		134,220	161,795	27,575	1,132,980	688,810
Diphtheria and Tetanus Toxoids with Pertussis Vaccine		1,385,180	1,451,770	66,590	4,716,480	1,532,690
Tetanus Toxoid with Diphtheria Toxoid (Adult)		720,160	737,410	17,250	2,098,720	757,801
Diphtheria Toxoid		**	**	**	**	**
Tetanus Toxoid		1,982,147	2,071,152	89,005	7,278,185	1,883,231
Pertussis Vaccine		3,765	5,625	1,860	44,270	
Poliomyelitis Vaccine (Inactivated)		**	**	**	**	**
Poliomyelitis Vaccine, Live, Oral,	Type 1	**	**	**	**	**
	Type 2	**	**	**	**	**
	Type 3	**	**	**	**	**
Poliomyelitis Vaccine, Live, Oral, Trivalent		1,970,807	2,051,030	80,223	6,688,230	
Measles Virus Vaccine, Live, Attenuated		427,136	471,859	46,733	1,119,647	590,200
Rubella Virus Vaccine, Live		524,668	549,242	24,574	1,795,544	
Smallpox Vaccine		582,210	645,304	63,094	1,324,618	10,912,538
Rabies Vaccine		36,459	36,621	162	92,558	262,181
Immune Serum Globulin (Human)		604,540 cc	611,984 cc	7,444 cc	1,495,191 cc	401,706 cc
Measles Immune Globulin (Human)		**	**	**	**	**
Poliomyelitis Immune Globulin (Human)		**	**	**	**	**
Tetanus Immune Globulin (Human)		67,080 cc	69,121 cc	2,041 cc	227,975 cc	85,949 cc

**Not shown since fewer than three distributors reported

DISTRIBUTION OF BIOLOGICS – UNITED STATES, 1972

BIOLOGICS	TOTAL NET DOSES	
	April-June 1972	January-June 1972
Influenza Virus Vaccine (Monovalent)	**	**
Influenza Virus Vaccine (Polyvalent)	**	**
Influenza Virus Vaccine (Bivalent)	1,520,035	661,061
Diphtheria Toxoid	**	**
Pertussis Vaccine	22,570	**
Tetanus Toxoid	4,623,308	7,487,578
Poliomyelitis Vaccine (Inactivated)	**	**
Poliovirus Vaccine, Live, Oral, Type 1	**	**
Poliovirus Vaccine, Live, Oral, Type 2	**	**
Poliovirus Vaccine, Live, Oral, Type 3	**	**
Poliovirus Vaccine, Live, Oral, Trivalent	6,366,187	12,088,062
Measles Virus Vaccine, Live, Attenuated ⁽¹⁾	2,149,259	4,487,691
Rubella Virus Vaccine, Live ⁽¹⁾	1,913,393	4,051,477
Smallpox Vaccine	1,856,437	3,489,629
Rabies Vaccine	133,387	247,352
Immune Serum Globulin (Human)	1,723,010	3,441,727
Tetanus Immune Globulin (Human)	225,832	410,481

***Not shown since fewer than three distributors reported*

(1) All products containing this antigen

DISTRIBUTION OF COMBINED BIOLOGICS – UNITED STATES, 1972

BIOLOGICS	TOTAL NET DOSES	
	April-June 1972	January-June 1972
Diphtheria and Tetanus Toxoids Combined	297,420	494,615
Diphtheria and Tetanus Toxoids and Pertussis Vaccine Combined	4,234,665	9,636,487
Tetanus and Diphtheria Toxoids Combined (for adult use)	1,637,120	2,945,290

***Not shown since fewer than three distributors reported*

FIGURE 1
 DIPHTHERIA TOXOID, PERTUSSIS VACCINE, AND TETANUS TOXOID
 NET DISTRIBUTION BY MONTH – UNITED STATES

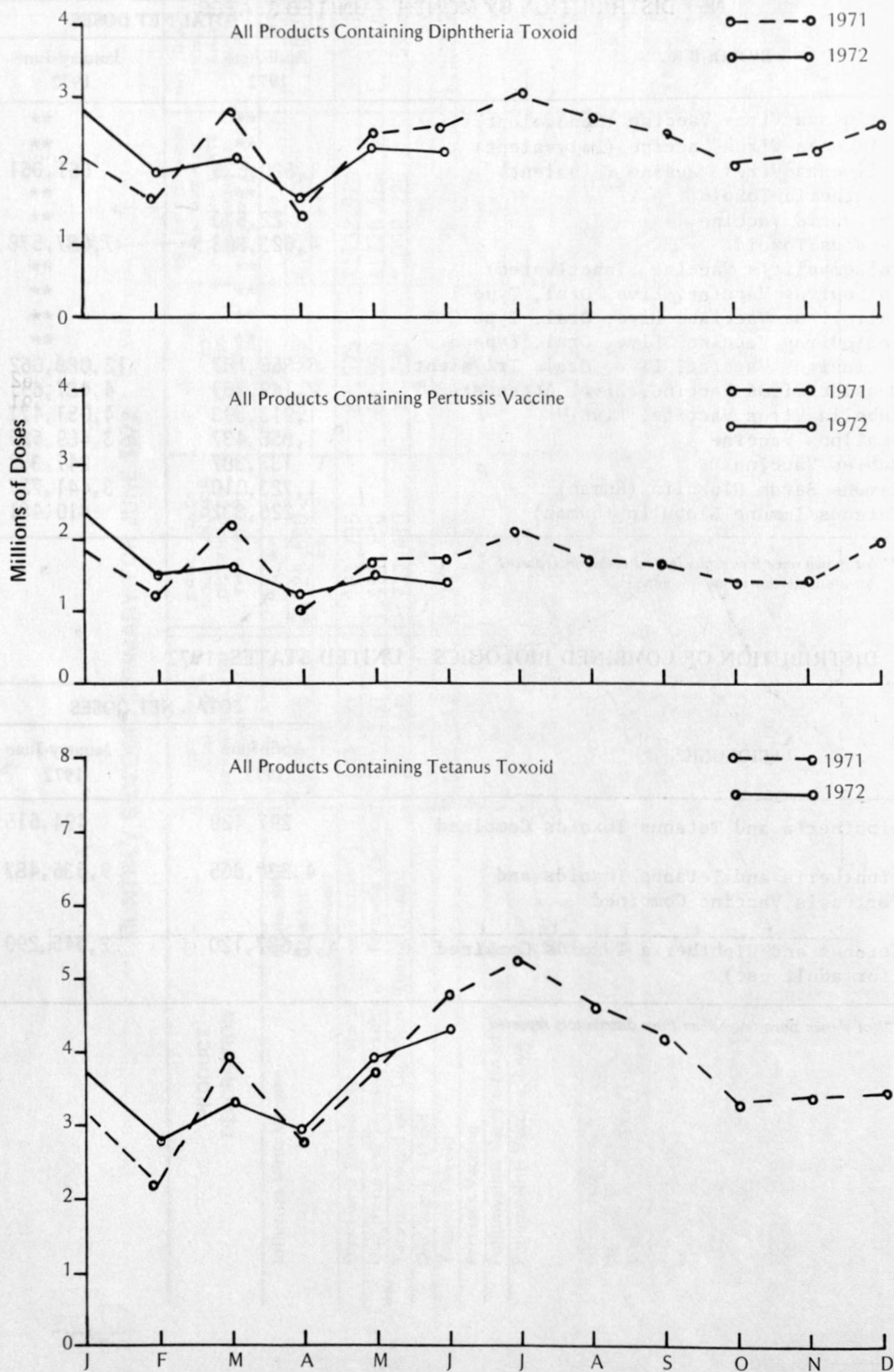


FIGURE 2
 POLIOVIRUS VACCINE, LIVE, ORAL, TRIVALENT
 NET DISTRIBUTION BY MONTH - UNITED STATES

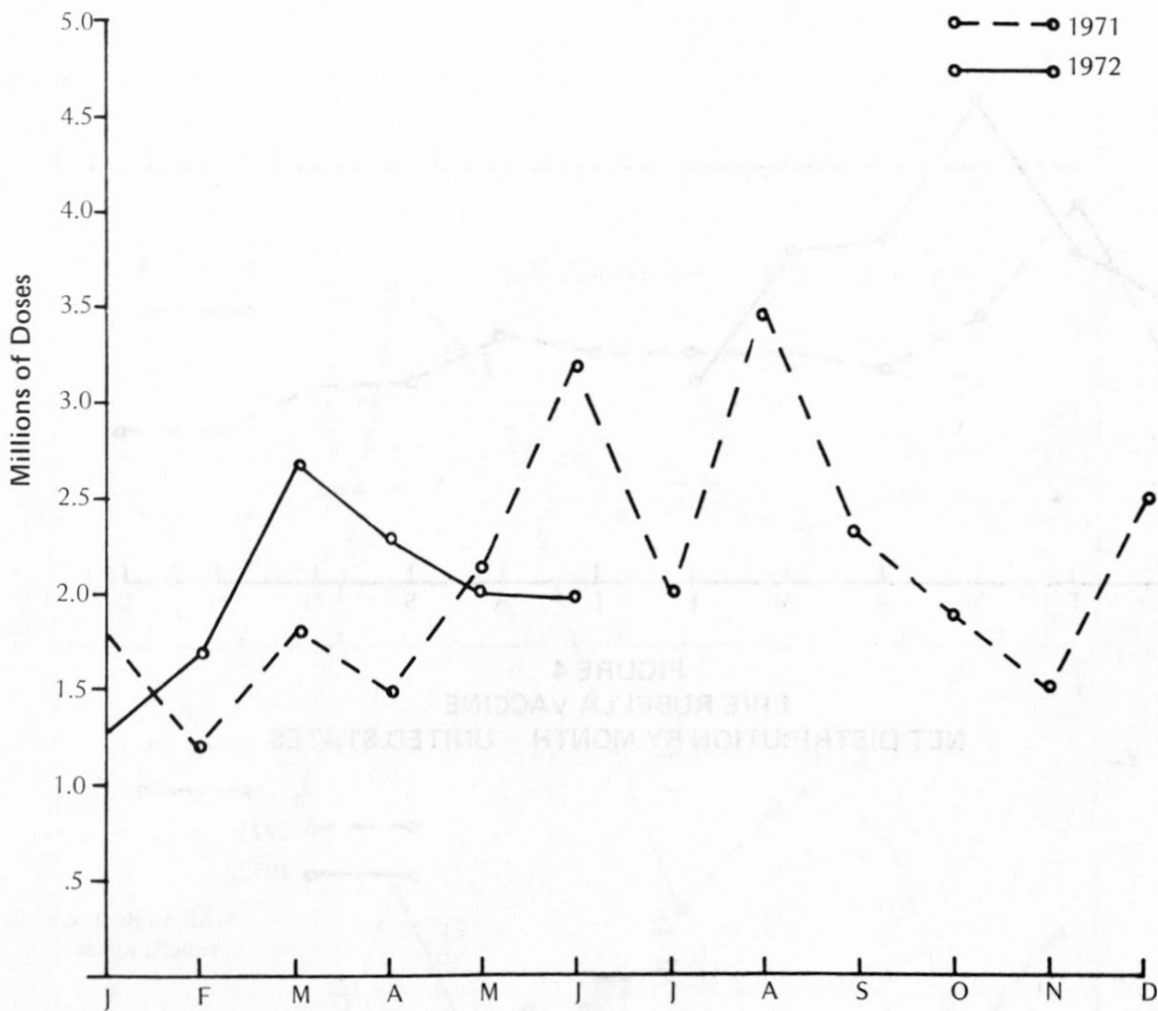


FIGURE 3
LIVE ATTENUATED MEASLES VACCINE
NET DISTRIBUTION BY MONTH – UNITED STATES

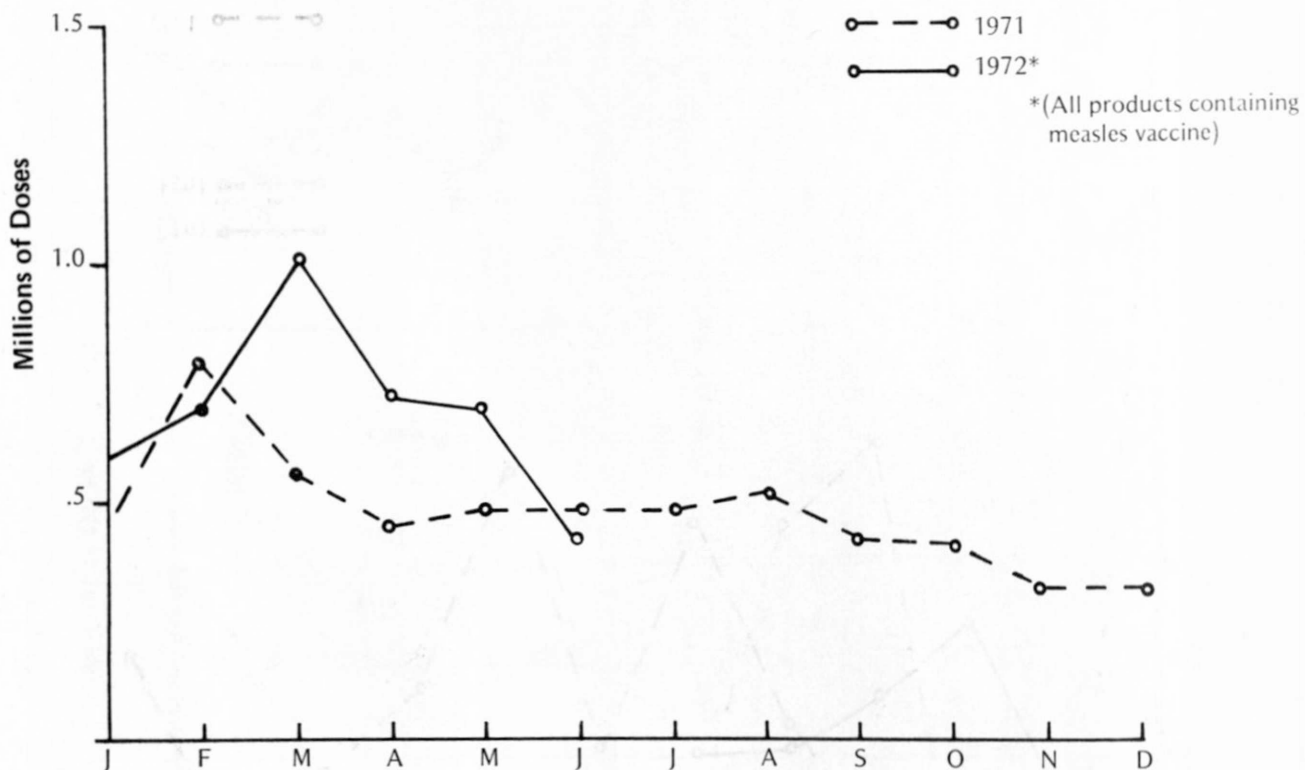


FIGURE 4
LIVE RUBELLA VACCINE
NET DISTRIBUTION BY MONTH – UNITED STATES

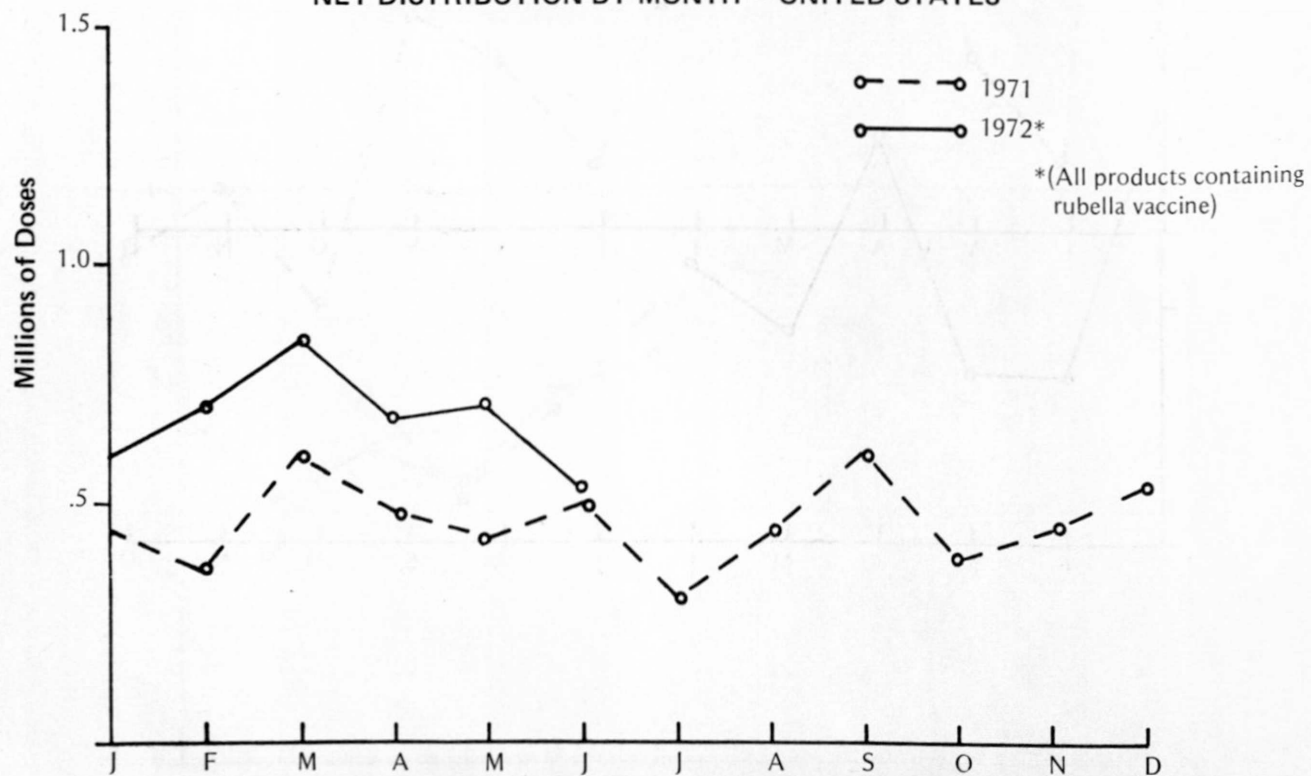


FIGURE 5
SMALLPOX VACCINE
NET DISTRIBUTION BY MONTH – UNITED STATES

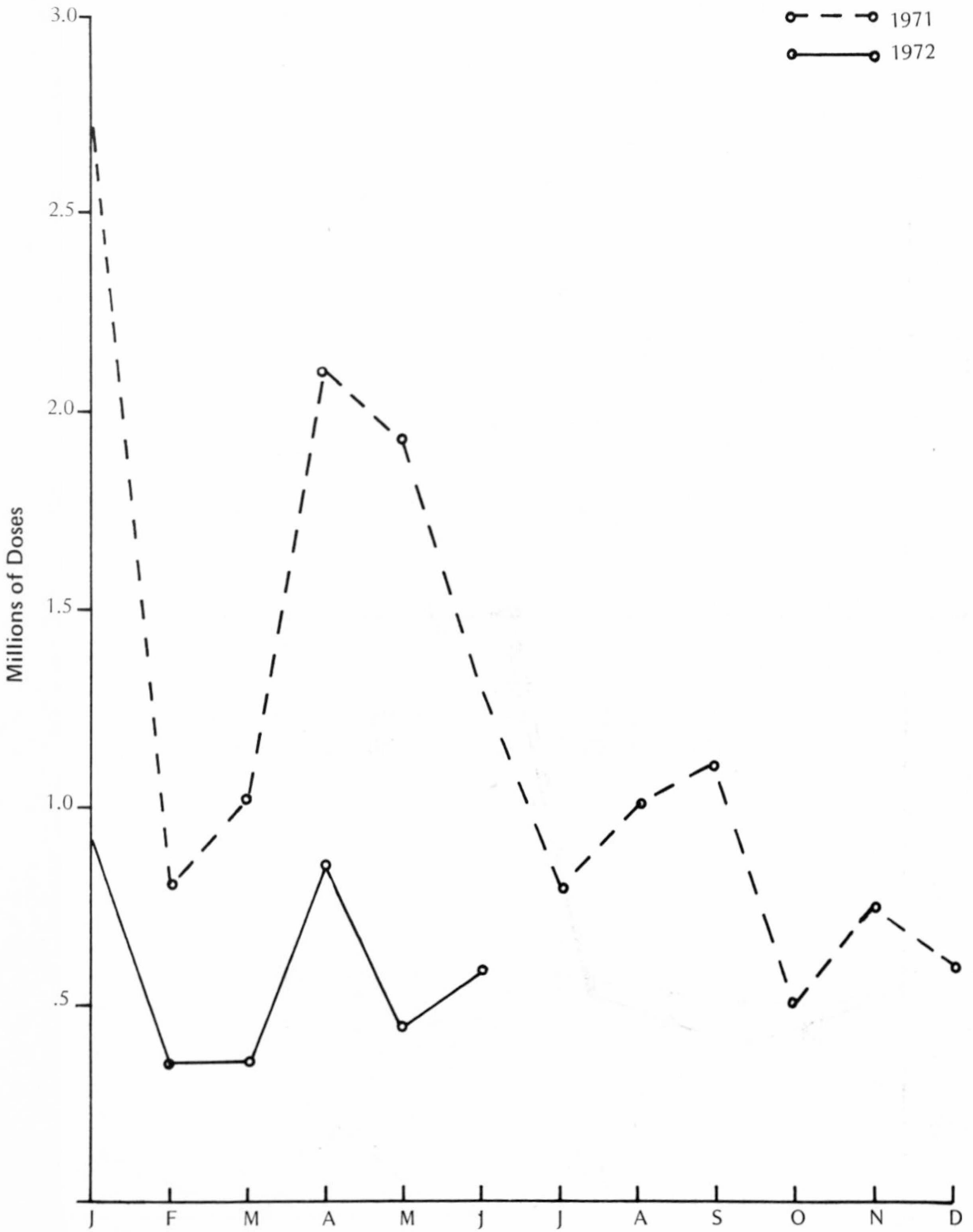


FIGURE 6
BIVALENT INFLUENZA VIRUS VACCINE
NET DISTRIBUTION BY MONTH - UNITED STATES

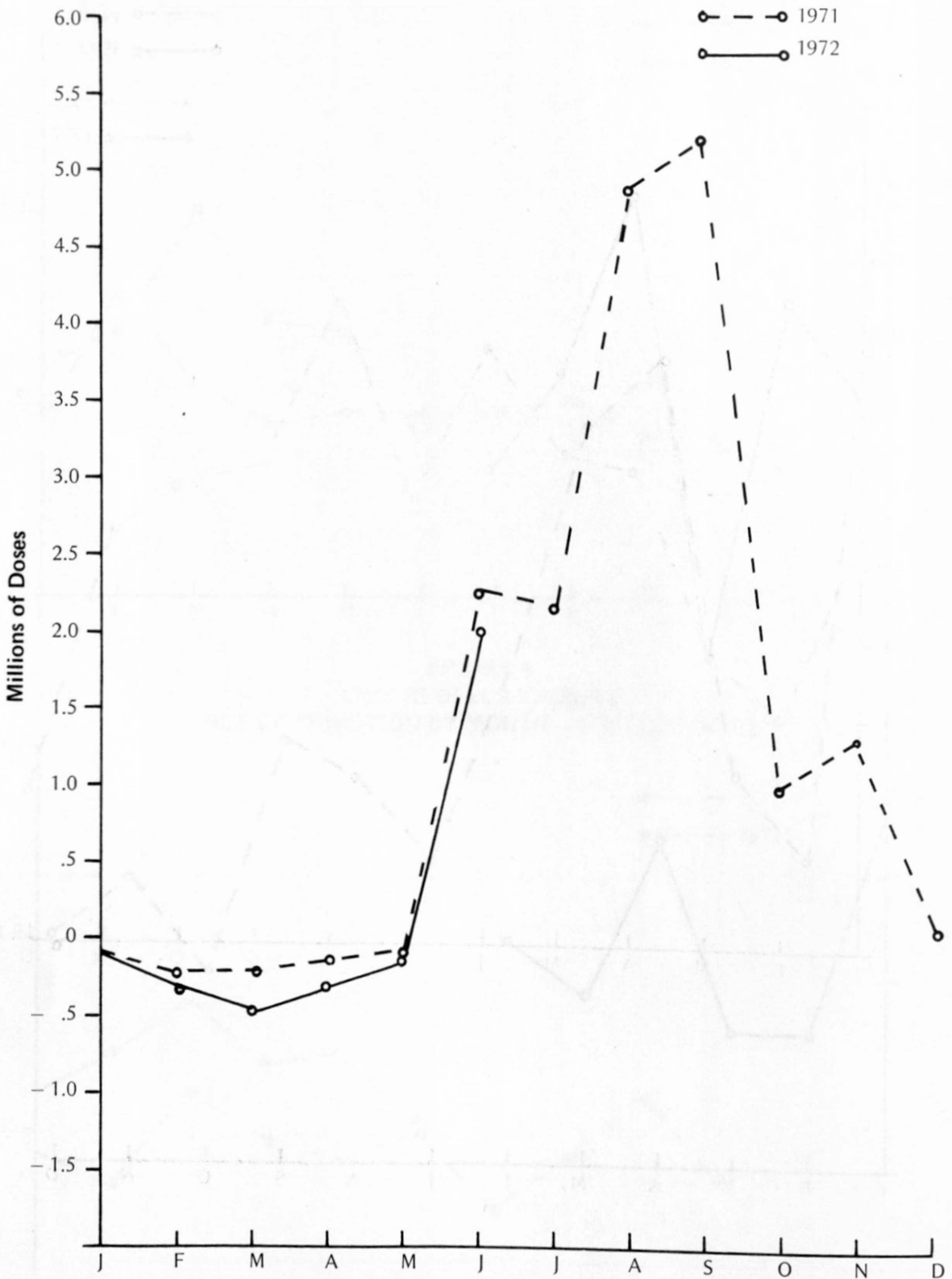


FIGURE 7
RABIES VACCINE
NET DISTRIBUTION BY MONTH – UNITED STATES

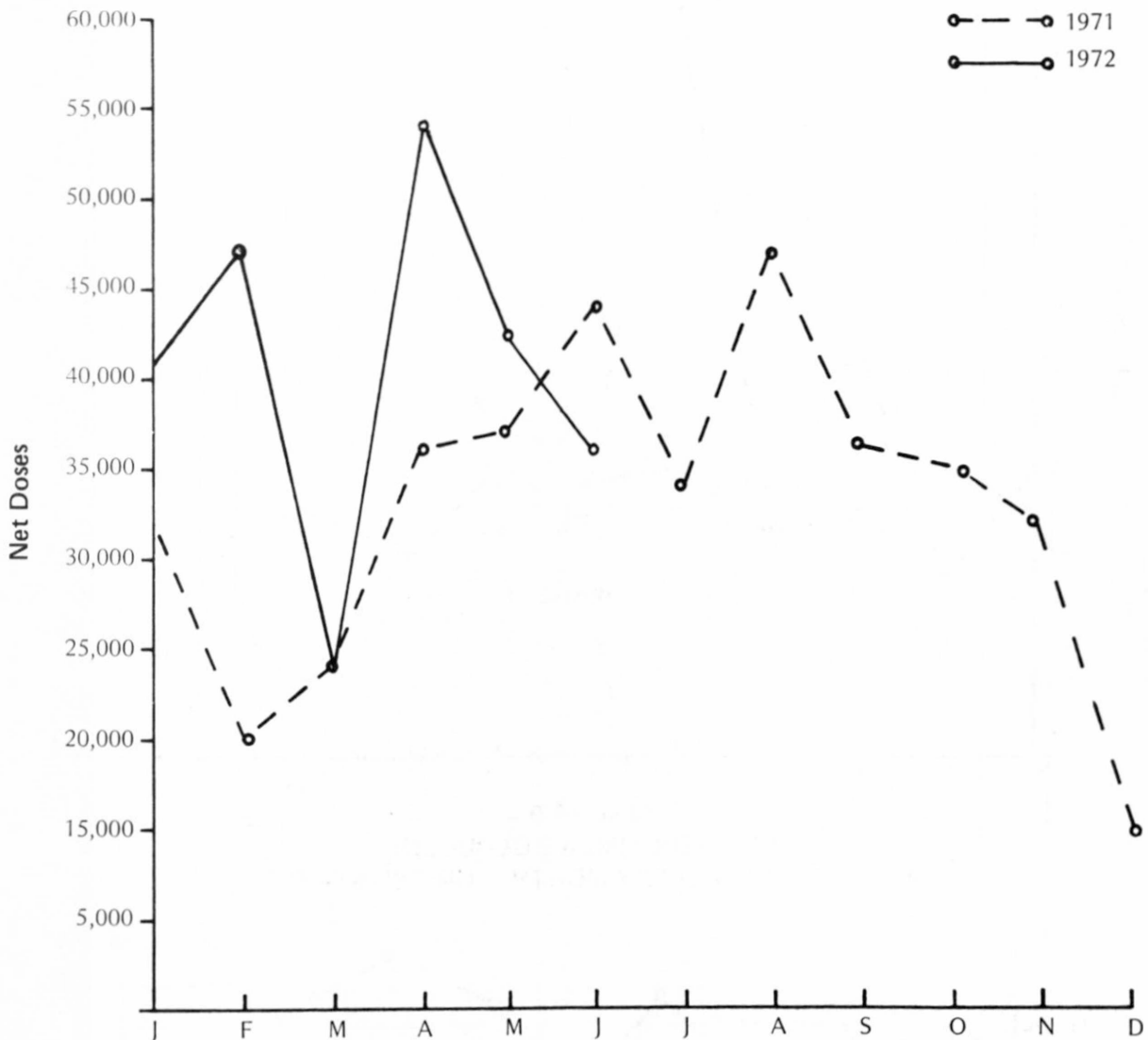


FIGURE 8
IMMUNE SERUM GLOBULIN (HUMAN)
NET DISTRIBUTION BY MONTH – UNITED STATES

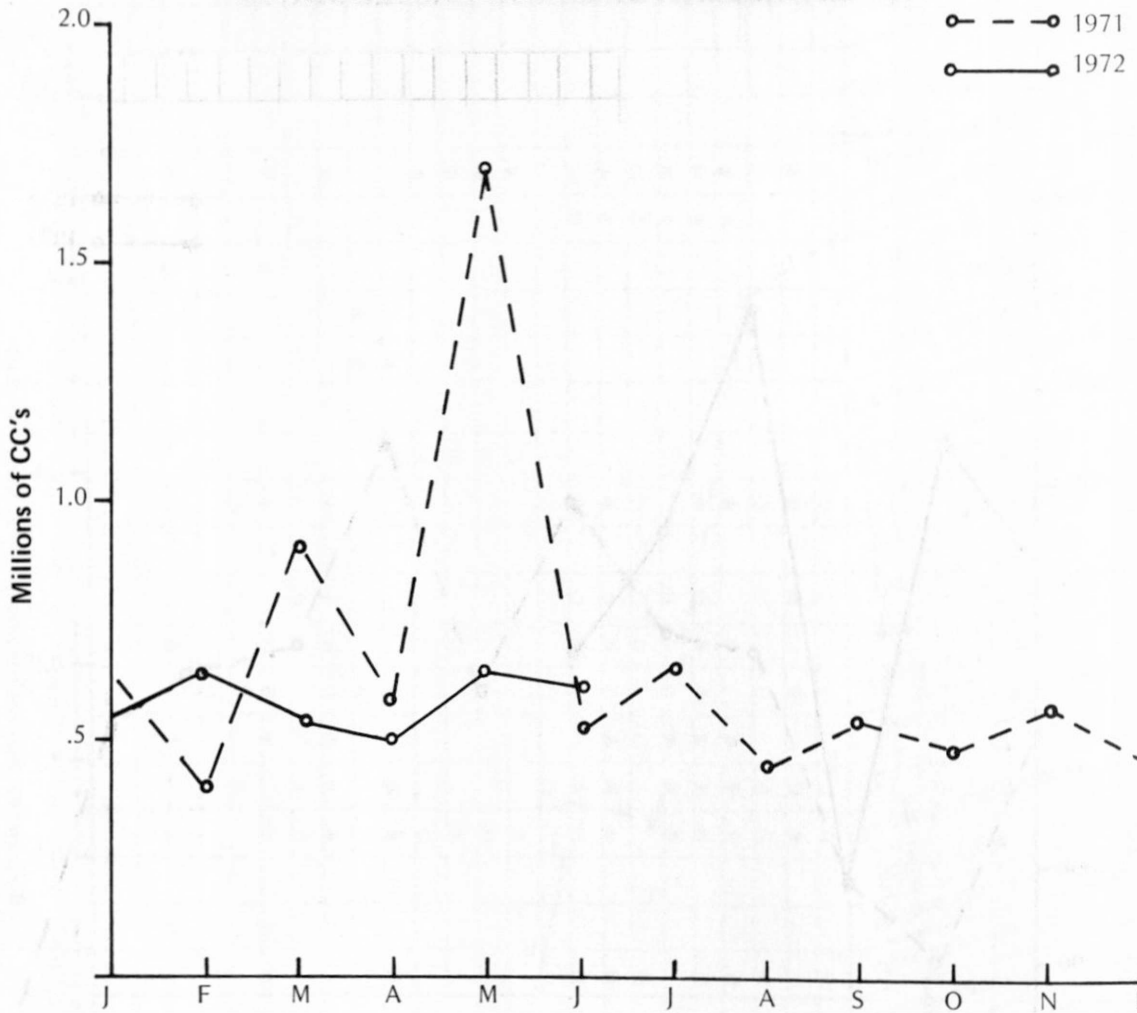


FIGURE 9
TETANUS IMMUNE GLOBULIN
NET DISTRIBUTION BY MONTH – UNITED STATES

