

CENTER FOR DISEASE CONTROL

BIOLOGICS

SURVEILLANCE

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REPORT NO. 57
APRIL, MAY, JUNE 1973



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Cutter Laboratories
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Hyland Laboratories
Lederle Laboratories
Eli Lilly and Company
Massachusetts Department of Public Health
Merck Sharp & Dohme

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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 BIOLOGICS SUMMARY
APRIL 1973

PRODUCT DESCRIPTION	NET NUMBER OF DOSES SOLD OR DISTRIBUTED THIS MONTH	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS MONTH	NUMBER OF DOSES RETURNED DURING MONTH	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT MONTH END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT
Influenza Virus Vaccine, Bivalent	-260,235	5,700	265,935	1,322,855	627,400
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	94,705	113,460	18,755	474,080	830,415
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	1,800,320	1,871,835	71,415	5,613,791	1,700,845
Tetanus Toxoid with Diphtheria Toxoid (adult)	427,920	437,900	9,980	2,457,270	372,283
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,120,986	1,175,698	54,712	7,439,182	1,473,662
Pertussis Vaccine	24,190	24,505	315	15,435	
Poliomyelitis Vaccine, Live, Oral, Trivalent	2,461,610	2,531,360	69,750	3,743,620	
Measles Virus Vaccine, Live, Attenuated*	670,261	716,021	45,760	1,669,018	1,921,400
Rubella Virus Vaccine, Live*	688,816	726,794	37,978	962,258	
Smallpox Vaccine	578,245	624,657	46,412	583,731	11,666,938
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human <i>(reported in cc's)</i>	622,820	637,644	14,824	2,817,055	1,027,874
Tetanus Immune Globulin, Human <i>(reported in cc's)</i>	92,735	94,480	1,745	290,848	113,515

*all products containing this antigen

**not shown since fewer than three distributors reported

MONTHLY BIOLOGICS SUMMARY
MAY 1973

PRODUCT DESCRIPTION	NET NUMBER OF DOSES SOLD OR DISTRIBUTED THIS MONTH	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS MONTH	NUMBER OF DOSES RETURNED DURING MONTH	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT MONTH END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT
Influenza Virus Vaccine, Bivalent	-166,436	6,815	173,251	1,242,260	1,891,770
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	118,205	143,170	24,965	526,150	741,715
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	1,892,436	1,981,416	88,980	4,918,710	1,616,493
Tetanus Toxoid with Diphtheria Toxoid (adult)	758,140	788,470	30,330	2,301,030	168,700
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,589,922	1,647,476	57,554	6,856,635	1,773,897
Pertussis Vaccine	10,715	11,465	750	6,690	31,911
Poliomyelitis Vaccine, Live, Oral, Trivalent	2,140,270	2,267,990	127,720	4,824,165	22,050
Measles Virus Vaccine, Live, Attenuated*	722,017	765,482	43,465	1,656,082	1,686,860
Rubella Virus Vaccine, Live*	735,688	756,714	21,026	1,040,168	
Smallpox Vaccine	1,219,854	1,285,793	65,939	485,636	14,656,900
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	535,123	551,812	16,689	2,604,737	1,536,982
Tetanus Immune Globulin, Human (reported in cc's)	90,633	93,573	2,940	310,681	104,902

*all products containing this antigen

**not shown since fewer than three distributors reported

MONTHLY BIOLOGICS SUMMARY
JUNE 1973

PRODUCT DESCRIPTION	NET NUMBER OF DOSES SOLD OR DISTRIBUTED THIS MONTH	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS MONTH	NUMBER OF DOSES RETURNED DURING MONTH	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT MONTH END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT
Influenza Virus Vaccine, Bivalent	1,861,353	2,053,235	191,882	1,288,800	1,860,902
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	135,570	174,670	39,100	441,335	1,005,355
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	2,105,510	2,226,180	120,670	5,100,760	1,077,720
Tetanus Toxoid with Diphtheria Toxoid (adult)	679,830	688,890	9,060	2,091,390	292,600
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,875,755	1,943,676	67,921	5,076,382	2,301,373
Pertussis Vaccine	7,235	8,120	885	49,255	31,911
Poliomyelitis Vaccine, Live, Oral, Trivalent	2,814,486	2,897,566	83,080	4,230,640	2,103,200
Measles Virus Vaccine, Live, Attenuated*	708,130	753,594	45,464	1,478,991	1,459,560
Rubella Virus Vaccine, Live*	506,512	536,407	29,895	1,048,947	
Smallpox Vaccine	389,559	425,802	36,243	359,416	14,367,950
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	553,184	571,691	18,507	2,938,856	923,040
Tetanus Immune Globulin, Human (reported in cc's)	96,360	99,568	3,208	278,684	130,268

*all products containing this antigen

**not shown since fewer than three distributors reported

NET DISTRIBUTION OF BIOLOGICS

UNITED STATES

1973

Product Description	Net Doses Distributed	
	1973 April-June	1973 January-June
Influenza Virus Vaccine, Bivalent	1,434,682	657,083
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	348,480	506,559
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	5,798,266	9,342,356
Tetanus Toxoid with Diphtheria Toxoid (adult)	1,865,890	3,170,060
Diphtheria Toxoid	**	**
Tetanus Toxoid	4,586,663	7,581,394
Pertussis Vaccine	42,140	90,125
Poliomyelitis Vaccine, Live, Oral, Trivalent	7,416,366	12,768,346
Measles Virus Vaccine, Live, Attenuated*	2,100,408	3,730,501
Rubella Virus Vaccine, Live*	1,931,016	3,763,385
Smallpox Vaccine	2,187,658	3,249,304
Rabies Vaccine	**	**
Immune Serum Globulin, Human (reported in cc's)	1,711,127	3,772,181
Tetanus Immune Globulin, Human (reported in cc's)	279,728	439,570

*all products containing this antigen

**not shown since fewer than three distributors reported

FIGURE 1
 DIPHtheria TOXOID, PERTUSSIS VACCINE, AND TETANUS TOXOID
 NET DISTRIBUTION BY MONTH - UNITED STATES

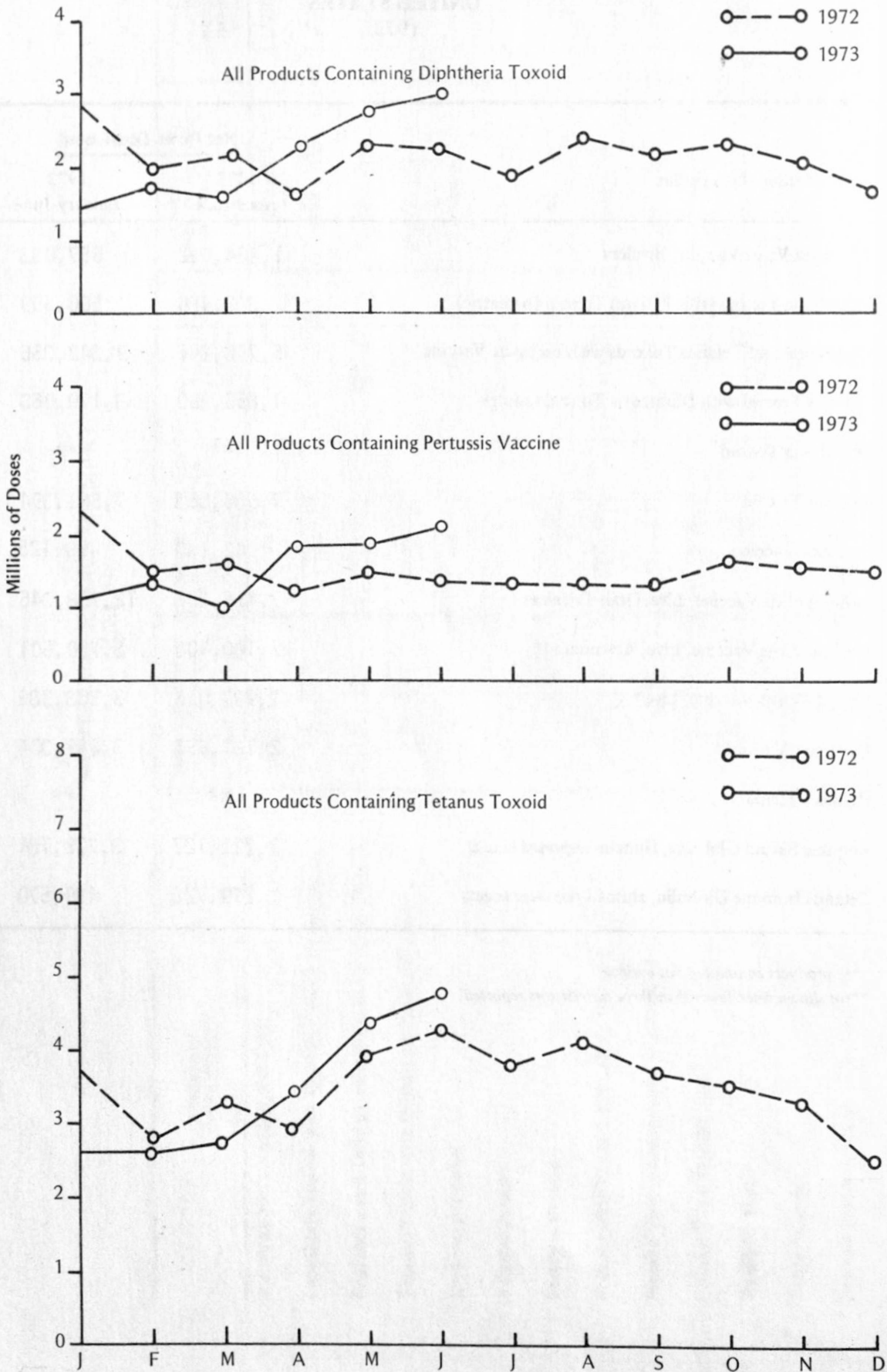


FIGURE 2
POLIOVIRUS VACCINE, LIVE, ORAL, TRIVALENT
NET DISTRIBUTION BY MONTH - UNITED STATES

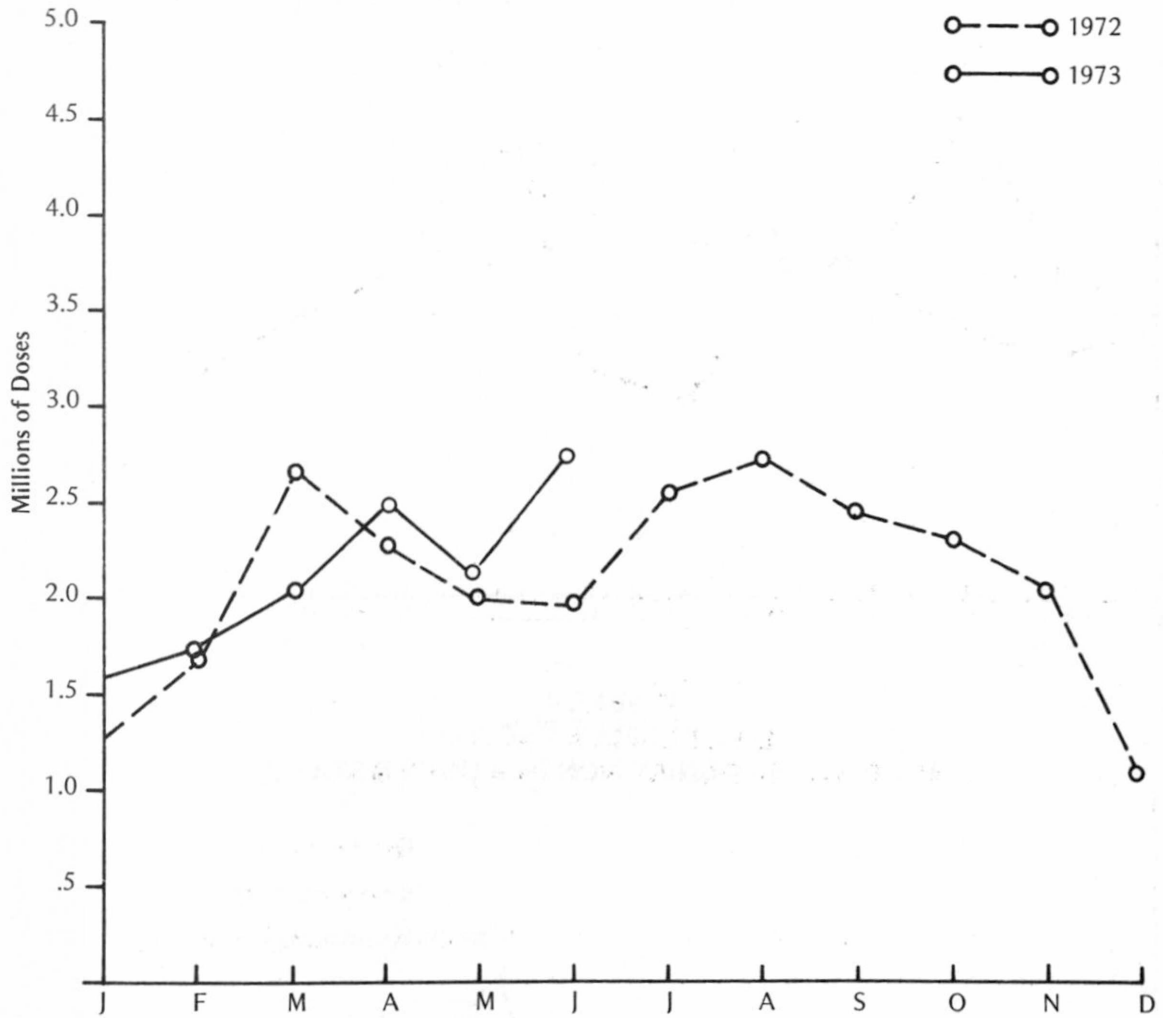


FIGURE 3
LIVE ATTENUATED MEASLES VACCINE*
NET DISTRIBUTION BY MONTH – UNITED STATES

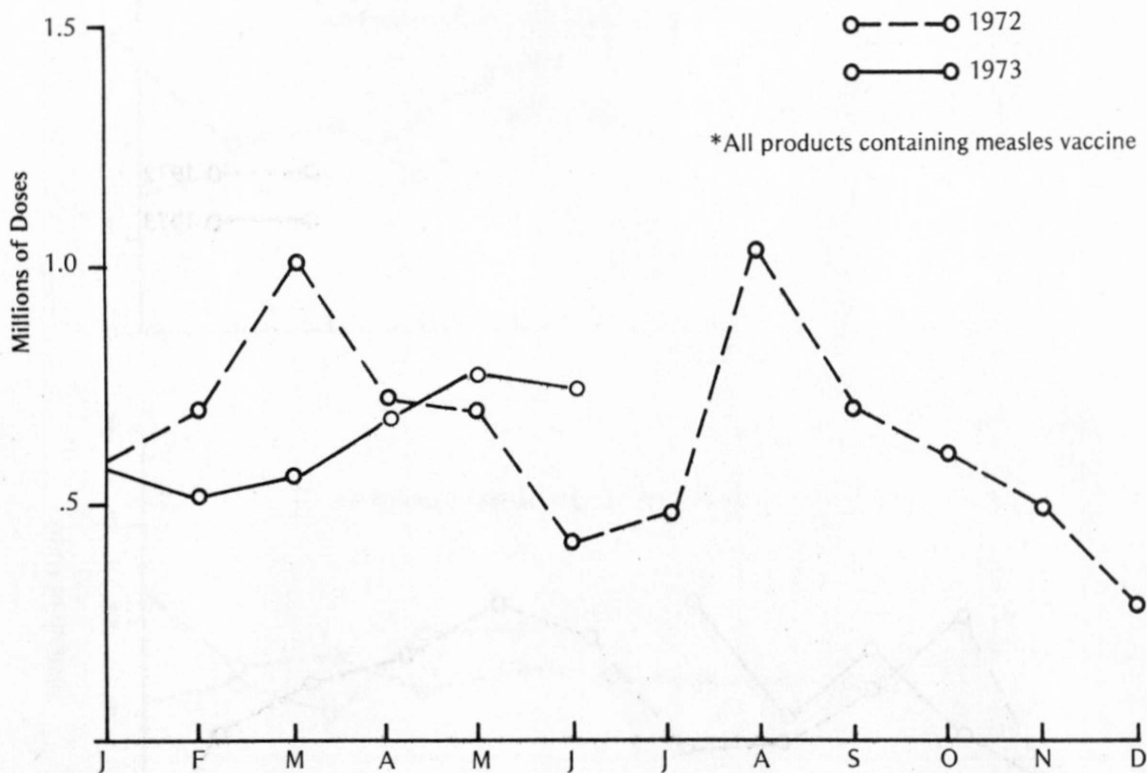


FIGURE 4
LIVE RUBELLA VACCINE*
NET DISTRIBUTION BY MONTH – UNITED STATES

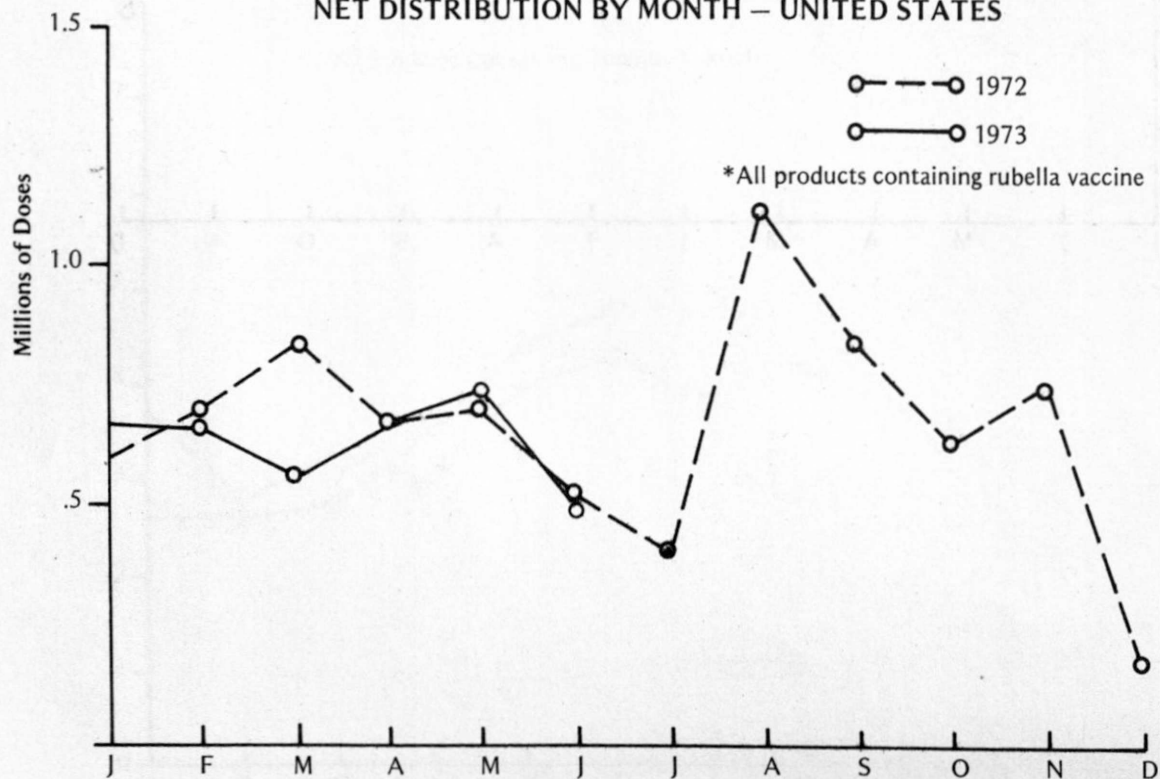


FIGURE 5
SMALLPOX VACCINE
NET DISTRIBUTION BY MONTH – UNITED STATES

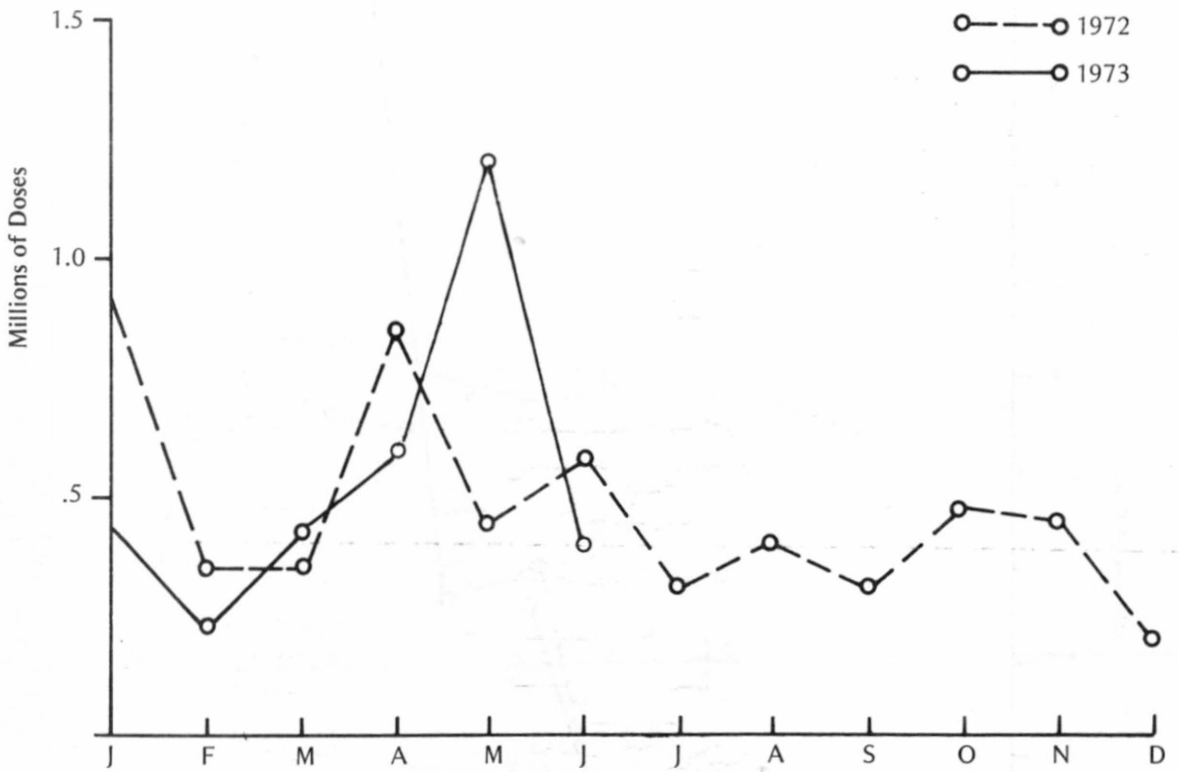


FIGURE 6
BIVALENT INFLUENZA VIRUS VACCINE
NET DISTRIBUTION BY MONTH - UNITED STATES

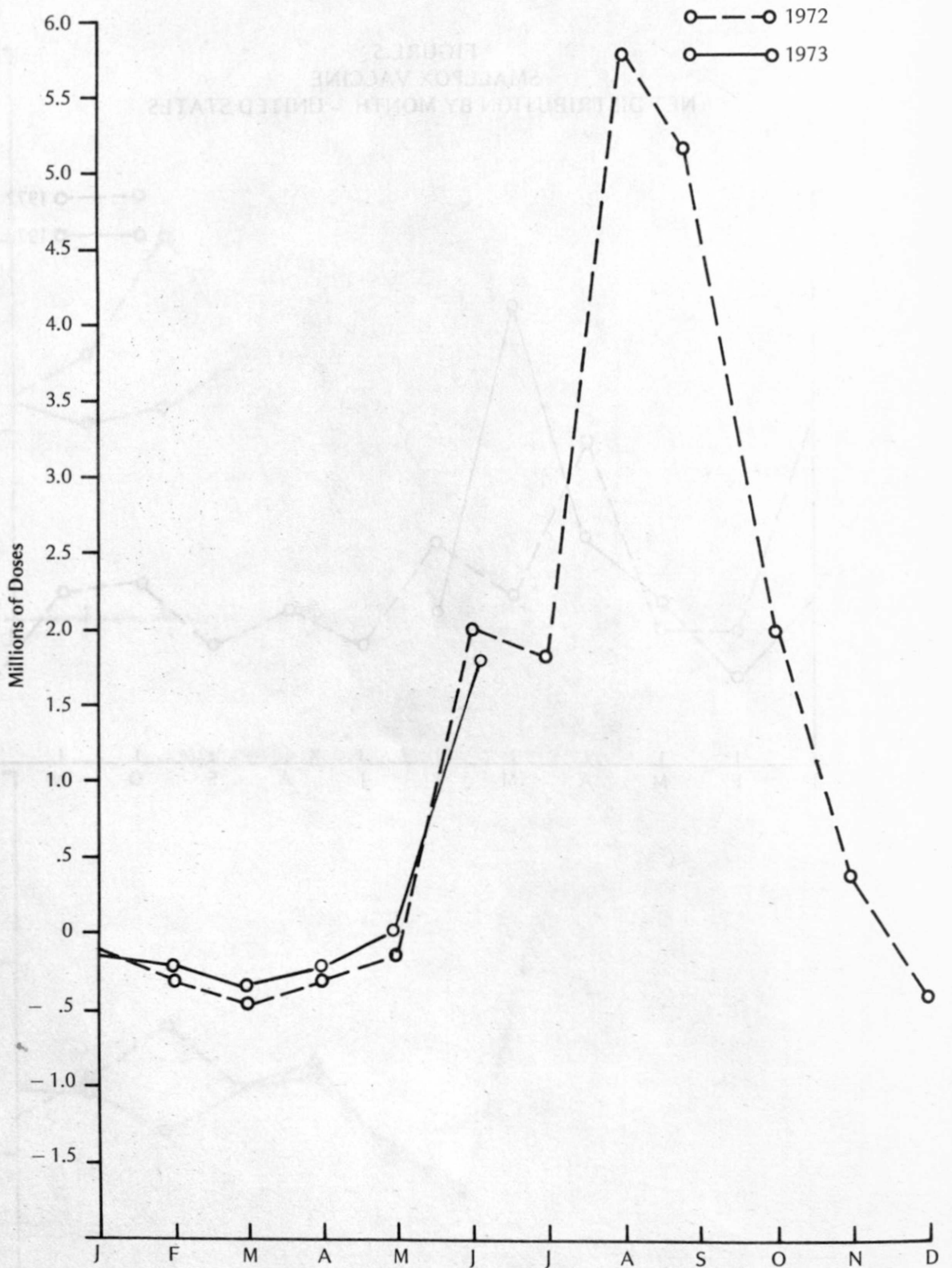


FIGURE 7
IMMUNE SERUM GLOBULIN (HUMAN)
NET DISTRIBUTION BY MONTH – UNITED STATES

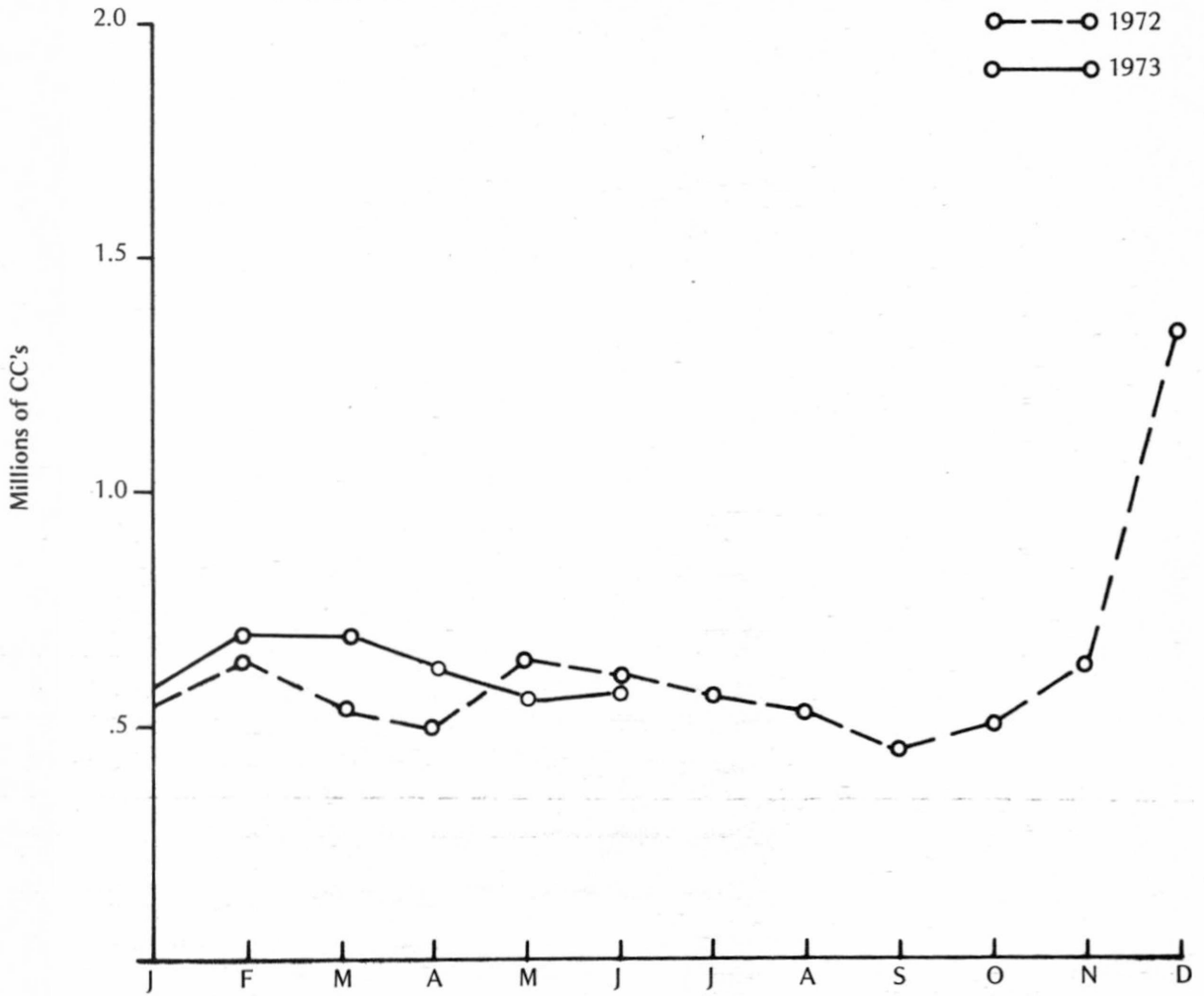


FIGURE 8
TETANUS IMMUNE GLOBULIN
NET DISTRIBUTION BY MONTH – UNITED STATES

