

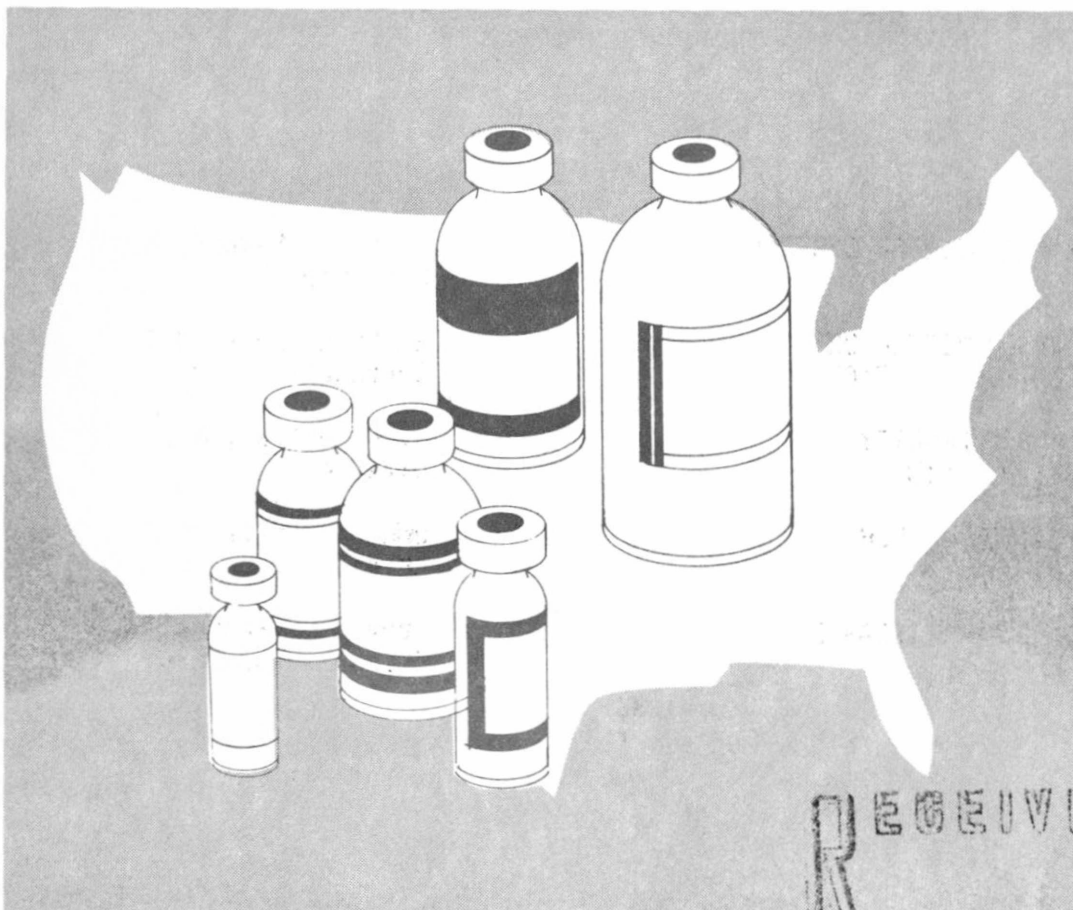
CENTER FOR DISEASE CONTROL

BIOLOGICS

SURVEILLANCE

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REPORT NO. 56
JANUARY, FEBRUARY, MARCH 1973



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

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Cutter Laboratories

The Dow Chemical Company

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
JANUARY 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	-170,384	112,961	283,345	1,321,966	
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	48,815	85,555	37,040	536,465	847,050
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	1,170,160	1,247,280	77,120	5,361,965	2,049,406
Tetanus Toxoid with Diphtheria Toxoid (adult)	339,110	352,940	13,830	2,283,560	939,955
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,049,892	1,120,940	71,048	5,470,811	1,765,630
Pertussis Vaccine	16,235	17,225	990	19,490	
Poliomyelitis Vaccine, Live, Oral, Trivalent	1,599,770	1,680,780	81,010	4,203,040	
Measles Virus Vaccine, Live, Attenuated*	583,949	615,349	31,400	735,184	2,620,510
Rubella Virus Vaccine, Live*	669,046	693,510	24,464	63,652	927,200
Smallpox Vaccine	408,684	515,506	106,822	946,900	15,239,225
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human <i>(reported in cc's)</i>	618,781	629,852	11,072	2,935,924	541,526
Tetanus Immune Globulin, Human <i>(reported in cc's)</i>	51,664	54,242	2,578	419,020	39,509

*all products containing this antigen

**not shown since fewer than three distributors reported

MONTHLY BIOLOGICS SUMMARY
FEBRUARY 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	-217,739	21,075	238,814	1,341,440	
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	33,819	80,914	17,094	544,245	812,700
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	1,374,940	1,433,580	58,640	5,869,395	1,323,126
Tetanus Toxoid with Diphtheria Toxoid (adult)	356,250	369,780	13,530	3,027,460	686,308
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	866,918	921,745	54,827	6,590,475	1,817,615
Pertussis Vaccine	17,220	19,305	2,085	34,185	31,911
Poliomyelitis Vaccine, Live, Oral, Trivalent	1,687,215	1,798,815	111,600	3,680,785	41,720
Measles Virus Vaccine, Live, Attenuated*	511,931	594,830	82,899	1,508,896	3,784,560
Rubella Virus Vaccine, Live*	626,506	662,219	35,713	902,613	
Smallpox Vaccine	235,550	288,063	52,513	950,501	12,788,763
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	722,305	737,009	14,703	12,678,637	946,134
Tetanus Immune Globulin, Human (reported in cc's)	56,968	58,531	1,563	573,028	93,858

*all products containing this antigen

**not shown since fewer than three distributors reported

MONTHLY BIOLOGICS SUMMARY
MARCH 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	-389,476	16,440	405,916	1,345,515	
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	75,445	108,750	33,305	461,960	917,803
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	998,990	1,390,975	391,985	5,113,400	1,751,244
Tetanus Toxoid with Diphtheria Toxoid (adult)	608,810	627,100	18,290	2,589,690	490,867
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,077,921	1,186,517	108,596	6,798,305	1,390,606
Pertussis Vaccine	14,530	17,275	2,745	9,600	31,911
Poliomyelitis Vaccine, Live, Oral, Trivalent	2,064,995	2,163,755	98,760	3,758,085	
Measles Virus Vaccine, Live, Attenuated*	534,213	581,428	47,215	1,876,098	2,739,760
Rubella Virus Vaccine, Live*	536,817	579,843	43,026	818,084	
Smallpox Vaccine	417,412	529,414	112,002	856,684	12,281,746
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	719,968	734,264	14,296	2,354,139	742,596
Tetanus Immune Globulin, Human (reported in cc's)	51,210	55,078	3,868	270,249	87,747

*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 January–March	1973 January–March
Influenza Virus Vaccine, Bivalent	-777,599	-777,599
Diphtheria Toxoid with Tetanus Toxoid (pediatric)	158,079	158,079
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	3,544,090	3,544,090
Tetanus Toxoid with Diphtheria Toxoid (adult)	1,304,170	1,304,170
Diphtheria Toxoid	**	**
Tetanus Toxoid	2,994,731	2,994,731
Pertussis Vaccine	47,985	47,985
Poliomyelitis Vaccine, Live, Oral, Trivalent	5,351,980	5,351,980
Measles Virus Vaccine, Live, Attenuated*	1,630,093	1,630,093
Rubella Virus Vaccine, Live*	1,832,369	1,832,369
Smallpox Vaccine	1,061,646	1,061,646
Rabies Vaccine	**	**
Immune Serum Globulin, Human (<i>reported in cc's</i>)	2,061,054	2,061,054
Tetanus Immune Globulin, Human (<i>reported in cc's</i>)	159,842	159,842

*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

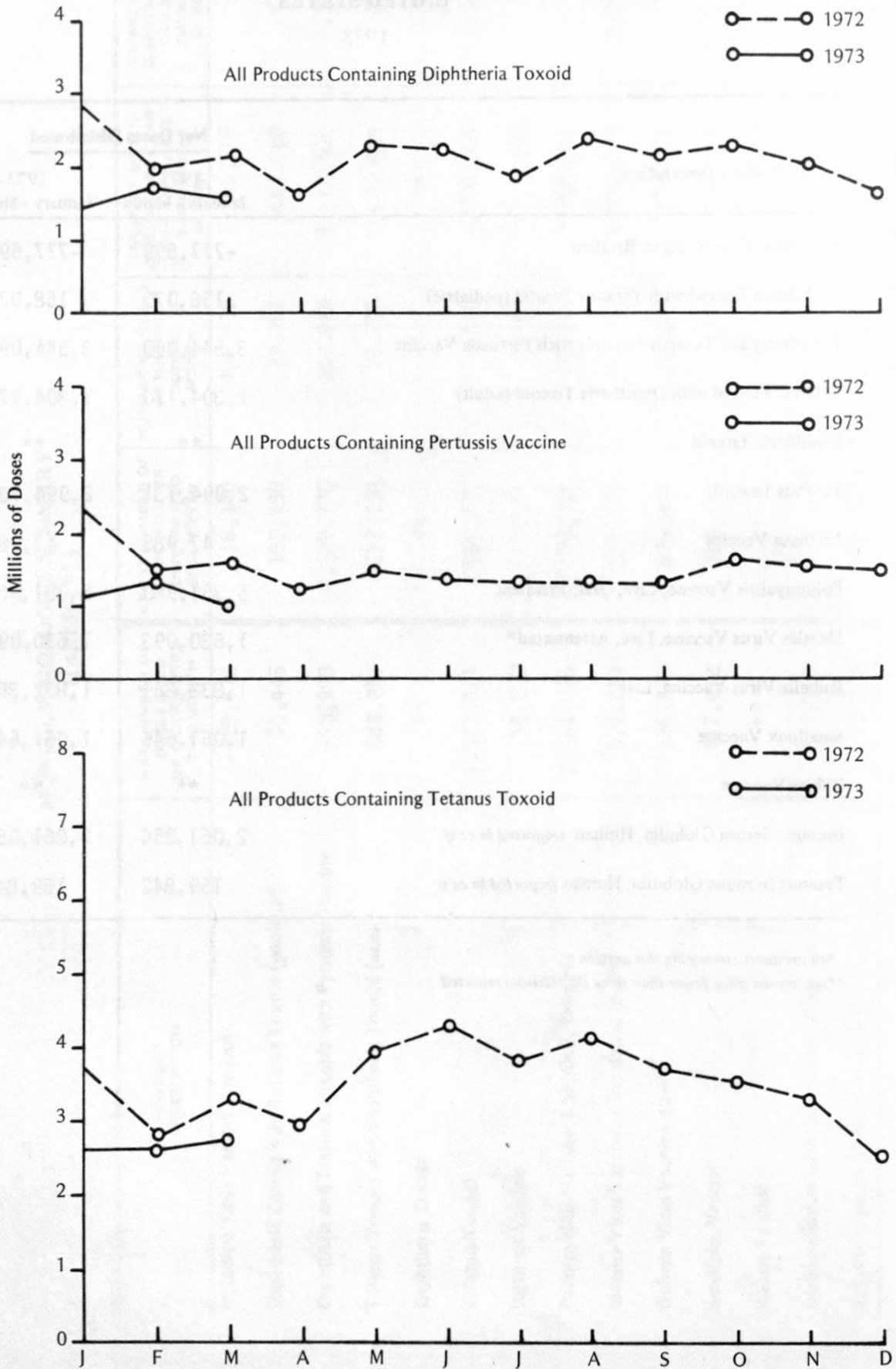


FIGURE 2
POLIOVIRUS VACCINE, LIVE, ORAL, TRIVALENT
NET DISTRIBUTION BY MONTH – UNITED STATES

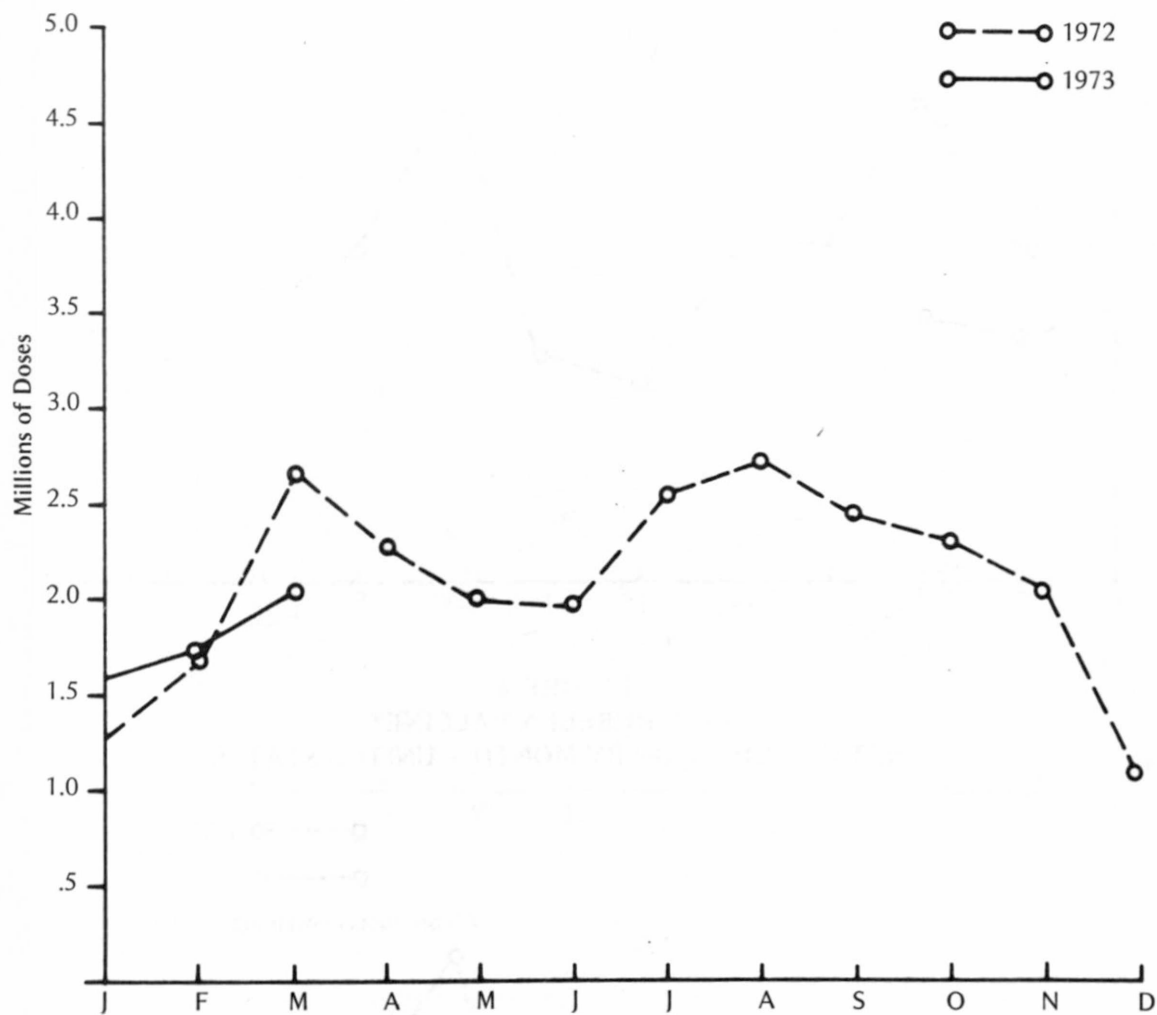


FIGURE 3
LIVE ATTENUATED MEASLES VACCINE*
NET DISTRIBUTION BY MONTH – UNITED STATES

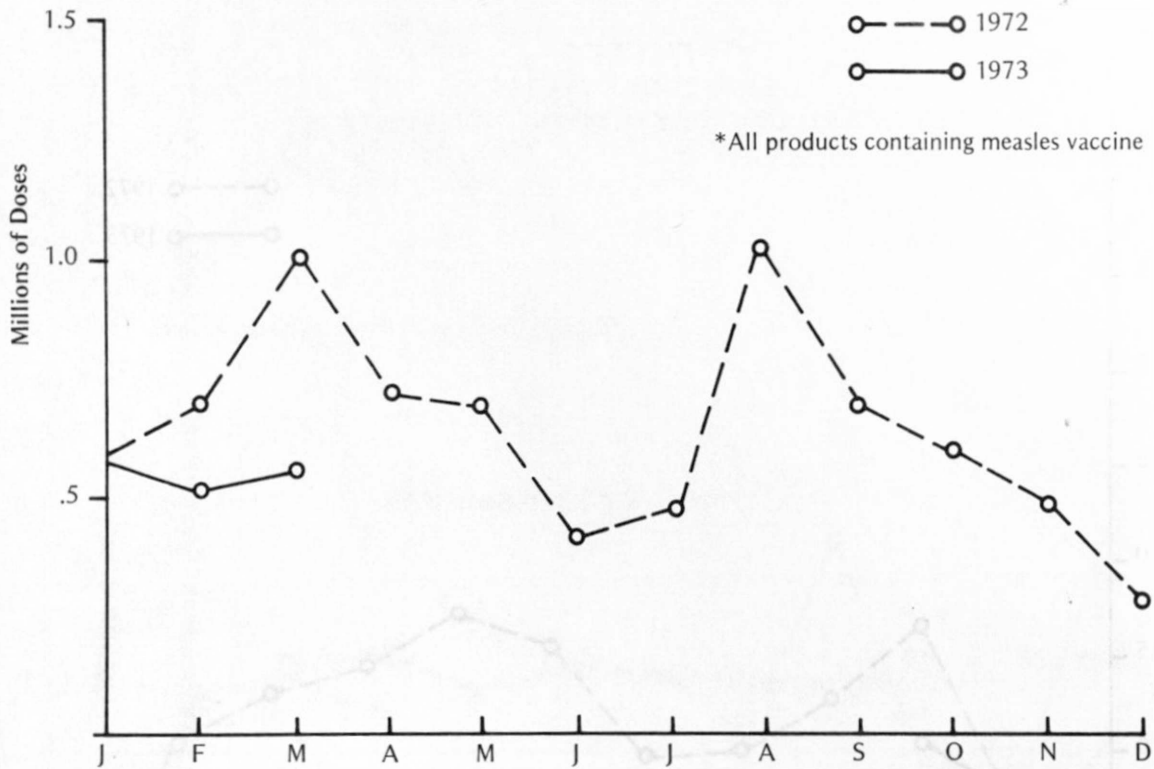


FIGURE 4
LIVE RUBELLA VACCINE*
NET DISTRIBUTION BY MONTH – UNITED STATES

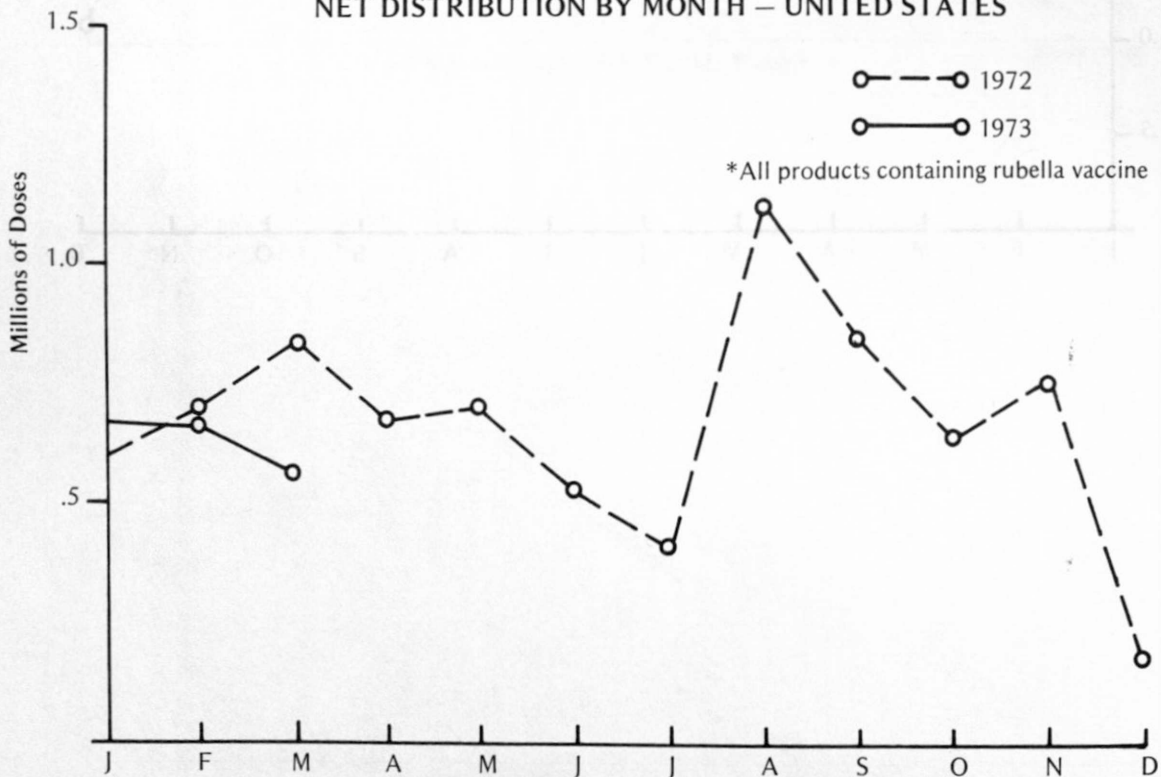


FIGURE 5
SMALLPOX VACCINE
NET DISTRIBUTION BY MONTH – UNITED STATES

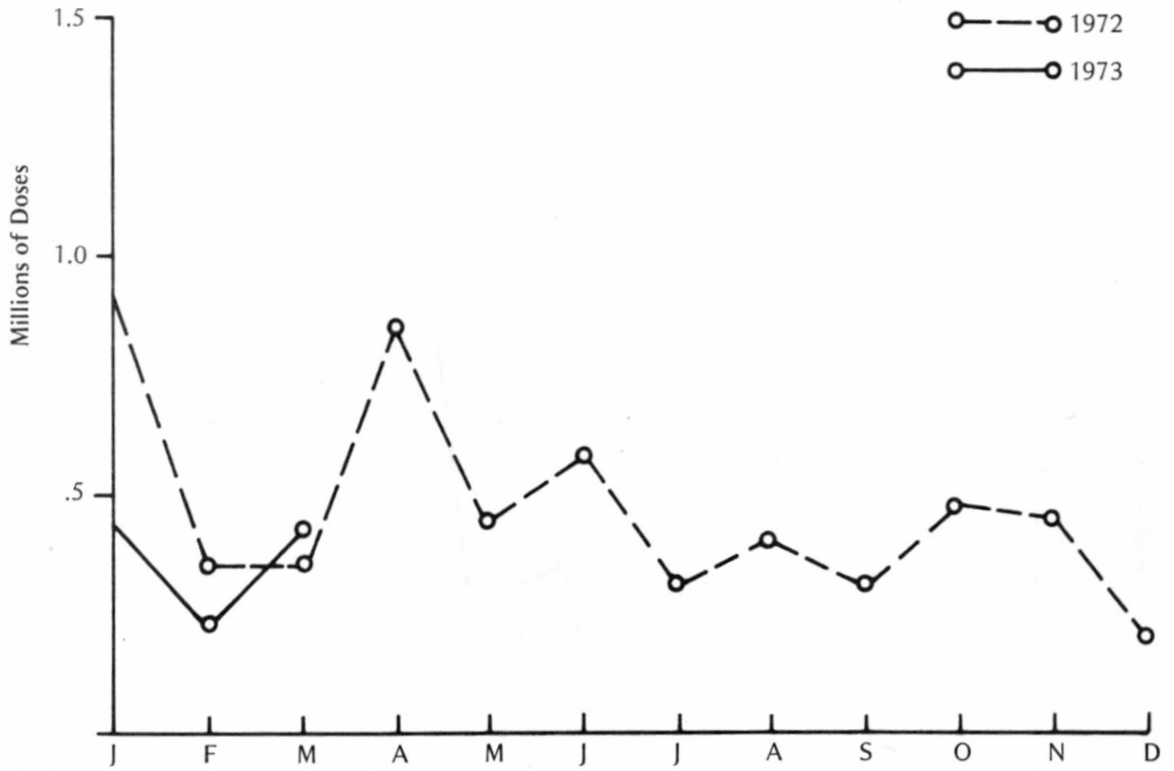


FIGURE 6
BIVALENT INFLUENZA VIRUS VACCINE
NET DISTRIBUTION BY MONTH - UNITED STATES

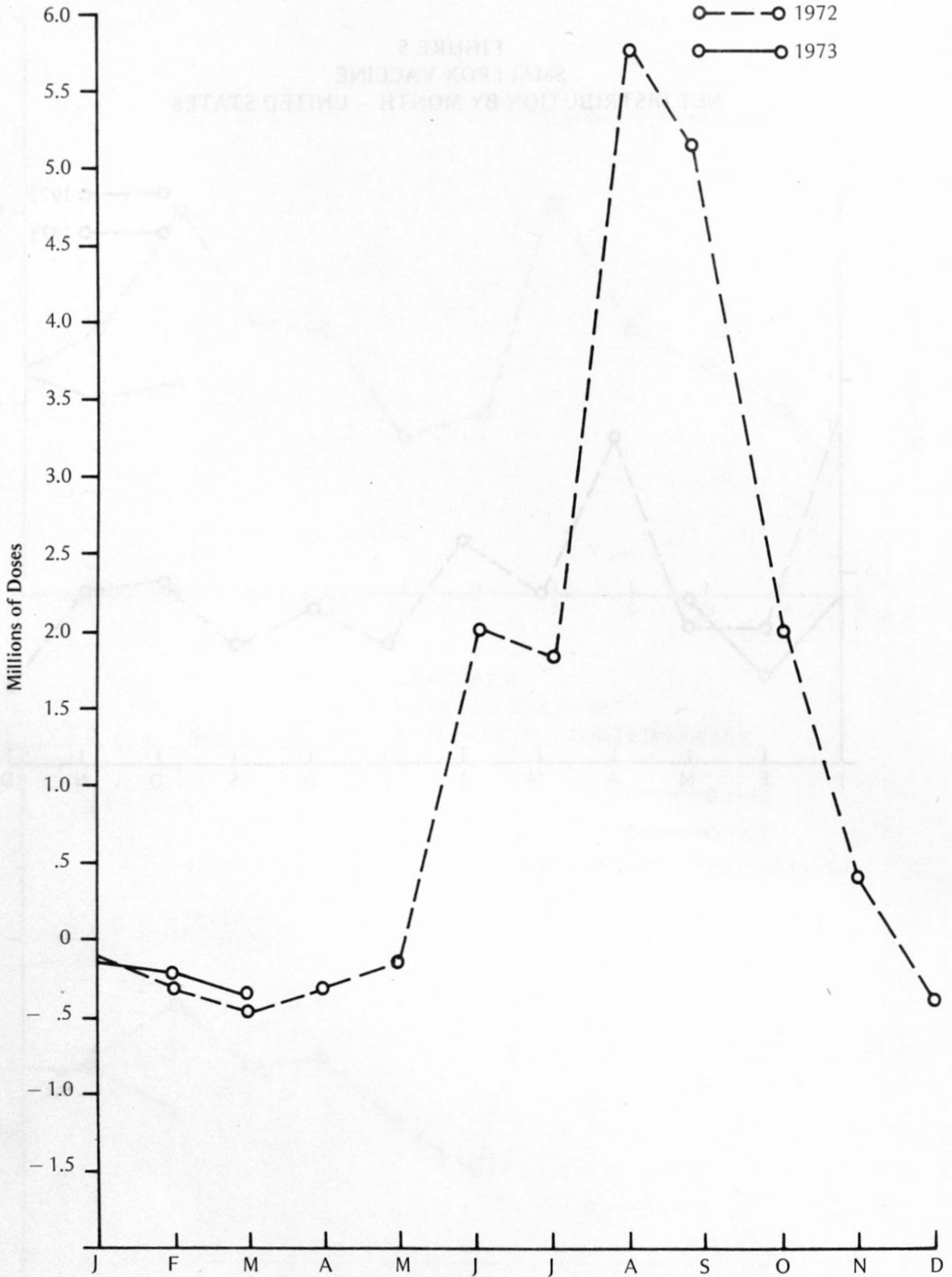


FIGURE 7
 IMMUNE SERUM GLOBULIN (HUMAN)
 NET DISTRIBUTION BY MONTH - UNITED STATES

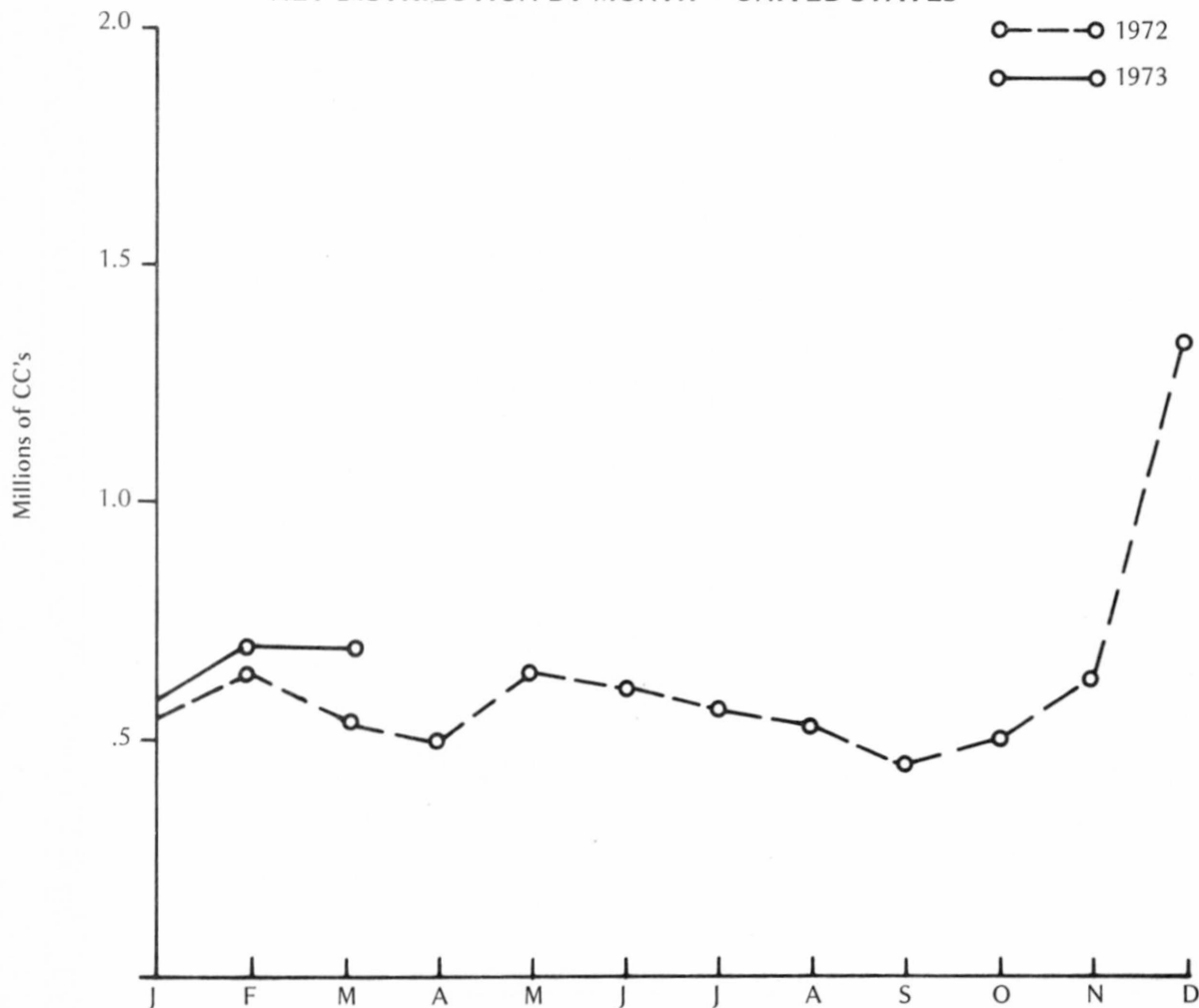


FIGURE 8
 TETANUS IMMUNE GLOBULIN
 NET DISTRIBUTION BY MONTH - UNITED STATES

