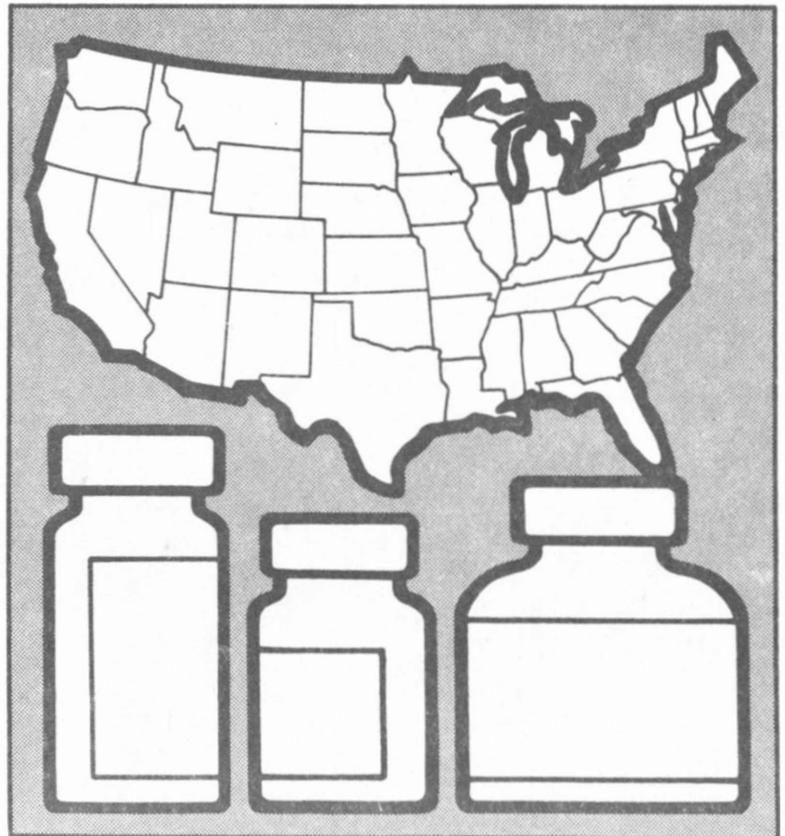


Report No. 86
JANUARY - JUNE 1983

CENTERS FOR DISEASE CONTROL
BIOLOGICS
SURVEILLANCE



COOPERATING IN THIS PROGRAM ARE THE FOLLOWING:

Armour Pharmaceutical Company

Connaught Laboratories

Lederle Laboratories

Massachusetts Department of Public Health

Merck Sharp & Dohme

Michigan Department of Health

Parke, Davis & Company

Sclavo, Inc.

Wyeth Laboratories

CENTERS FOR DISEASE CONTROL

IMMUNIZATION PRACTICES
ADVISORY COMMITTEE

CENTER FOR PREVENTION SERVICES

IMMUNIZATION DIVISION

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.

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. Specific data are tabulated for each antigen reported 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.

BIOLOGICS SURVEILLANCE SUMMARY FOR JANUARY - MARCH 1983

PRODUCT DESCRIPTION	NET NUMBER OF DOSES SOLD OR DISTRIBUTED THIS QUARTER	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS QUARTER	NUMBER OF DOSES RETURNED DURING THIS QUARTER	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT QR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT AT QR. END
Influenza Virus Vaccine, Trivalent	-813,650	27,930	841,580	22,070	0
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	161,774	184,084	22,310	212,551	393,564
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	3,933,055	4,043,940	110,885	1,696,655	2,140,128
Tetanus & Diphtheria Toxoid (Adult)	1,993,856	2,029,366	35,510	1,795,053	1,229,267
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,480,224	1,534,564	54,340	1,690,250	1,036,432
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	7,350	7,350	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	4,247,640	4,247,640	0	4,031,440	0
Measles Virus Vaccine, Live, Attenuated*	1,451,762	1,529,163	77,401	435,955	0
Rubella Virus Vaccine, Live*	1,497,080	1,597,869	100,789	1,246,399	0
Mumps Virus Vaccine, Live *	1,210,887	1,239,739	28,852	915,141	0
Smallpox Vaccine	479,027	491,652	12,625	1,072,400	21,579,000
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	519,522	523,112	3,590	225,564	232,900
Tetanus Immune Globulin, Human (reported in cc's)	125,360	128,790	3,430	171,120	1,241,466

*All products containing this antigen.

**Not shown since fewer than three distributors reported

BIOLOGICS SURVEILLANCE SUMMARY FOR APRIL - JUNE 1983

PRODUCT DESCRIPTION	NET NUMBER OF DOSES SOLD OR DISTRIBUTED THIS QUARTER	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS QUARTER	NUMBER OF DOSES RETURNED DURING THIS QUARTER	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIPMENT AT QR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIPMENT AT QR. END
Influenza Virus Vaccine, Trivalent	859,280	1,312,310	453,030	600,960	1,432,537
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	285,439	318,909	33,470	441,292	473,014
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	4,964,325	5,045,105	80,780	1,911,980	1,967,713
Tetanus & Diphtheria Toxoid (Adult)	2,739,471	2,794,621	55,150	1,979,992	912,884
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	2,338,059	2,385,114	47,055	1,501,271	793,996
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	9,970	9,970	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	5,114,430	5,114,431	0	2,531,510	0
Measles Virus Vaccine, Live, Attenuated*	1,541,238	1,640,990	99,752	1,359,881	0
Rubella Virus Vaccine, Live*	1,517,950	1,629,971	112,021	1,326,561	0
Mumps Virus Vaccine, Live*	1,394,442	1,479,418	84,976	1,084,364	0
Rabies Vaccine	**	**	**	**	**
Smallpox Vaccine	1,767,480	1,785,180	17,700	100	20,850,700
Immune Serum Globulin, Human (reported in cc's)	491,080	494,604	3,524	412,774	694,382
Tetanus Immune Globulin, Human (reported in cc's)	228,020	231,400	3,380	1,165,210	32,280

*All products containing this antigen.

**Not shown since fewer than three distributors reported

NET DISTRIBUTION OF BIOLOGICS
UNITED STATES

PRODUCT DESCRIPTION	Net Doses Distributed	
	Jan-Jun 1983	Jan-Jun 1982
Influenza Vaccine, Trivalent Bivalent	45,630	2,090,280
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	447,213	454,130
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	8,897,380	9,056,740
Tetanus & Diphtheria Toxoid (Adult)	4,733,327	5,554,596
Diphtheria Toxoid**	**	**
Tetanus Toxoid	3,818,283	4,058,542
Pertussis Vaccine**	**	**
Poliomyelitis Vaccine, Inactivated	17,320	12,480
Poliomyelitis Vaccine, Live, Oral, Trivalent	9,362,070	10,535,560
Measles Virus Vaccine, Live, Attenuated*	2,993,000	2,708,080
Rubella Virus Vaccine, Live*	3,015,030	2,788,935
Mumps Virus Vaccine, Live*	2,605,329	2,140,885
Smallpox Vaccine	2,246,507	648,204
Rabies**	**	**
Immune Serum Globulin, Human (reported in cc's)	1,010,602	1,028,948
Tetanus Immune Globulin, Human (reported in cc's)	353,380	385,550

*All products containing this antigen.

**Not shown since fewer than three distributors reported