

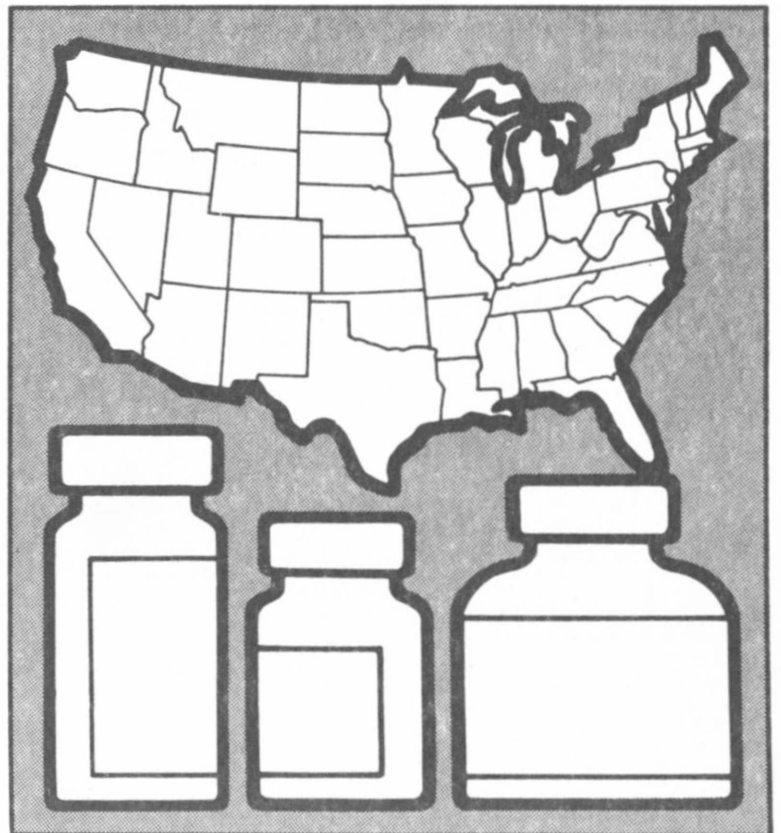
Report No. 82

JANUARY - JUNE 1981

CENTERS FOR DISEASE CONTROL

BIOLOGICS

SURVEILLANCE



COOPERATING IN THIS PROGRAM ARE THE FOLLOWING:

Armour Pharmaceutical Company

Connaught Laboratories

Lederle Laboratories

Eli Lilly and Company

Massachusetts Department of Public Health

Merck Sharp & Dohme

Michigan Department of Health

Parke, Davis & Company

Sclavo, Inc.

Wyeth Laboratories

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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.

JANUARY - MARCH 1981

PRODUCT DESCRIPTION	NET NUMBER DOSES SOLD OR DISTRIBUTED THIS QUARTER	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS QUARTER	NUMBER OF DOSES RETURNED DURING QUARTER	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIP- MENT AT QR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIP- MENT AT QR. END
Influenza Virus Vaccine, Trivalent	-423,310	31,890	455,200	3,920	
Influenza Virus Vaccine, Bivalent	-530		530		
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)	142,530	166,050	23,520	402,610	298,460
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	3,996,145	4,063,385	67,240	4,482,455	1,252,932
Tetanus Toxoid with Diphtheria Toxoid (Adult)	2,187,215	2,213,975	26,760	1,811,020	1,609,956
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	2,504,010	2,555,435	51,425	2,427,835	1,056,004
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	6,045	6,045			
Poliomyelitis Vaccine, Live, Oral, Trivalent	4,945,770	4,945,770		7,073,980	
Measles Virus Vaccine, Live, Attenuated*	1,568,737	1,606,709	37,972	1,676,219	
Rubella Virus Vaccine, Live*	1,471,976	1,514,603	42,627	2,025,663	
Mumps Virus Vaccine, Live*	1,132,869	1,141,983	9,114	908,737	
Smallpox Vaccine	168,875	203,150	34,275	142,675	22,037,500
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	659,276	679,726	20,450	116,794	752,198
Tetanus Immune Globulin, Human, (reported in cc's)	147,030	155,180	8,150	731,200	78,624

* All products containing this antigen.

** Not shown since fewer than three distributors reported.

APRIL - JUNE 1981

PRODUCT DESCRIPTION	NET NUMBER DOSES SOLD OR DISTRIBUTED THIS QUARTER	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS QUARTER	NUMBER OF DOSES RETURNED DURING QUARTER	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIP- MENT AT QR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIP- MENT AT QR. END
Influenza Virus Vaccine, Trivalent	1,078,130	1,286,970	208,840	118,620	
Influenza Virus Vaccine, Bivalent					
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)	225,100	250,940	25,840	585,160	245,452
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	4,818,920	4,893,210	74,290	2,811,852	1,743,007
Tetanus Toxoid with Diphtheria Toxoid (Adult)	2,770,545	2,799,685	29,140	3,067,195	517,815
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	2,517,895	2,563,905	46,010	2,936,641	1,380,647
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	3,885	3,885			
Poliomyelitis Vaccine, Live, Oral, Trivalent	6,400,595	6,503,380	102,785	3,944,595	
Measles Virus Vaccine, Live, Attenuated*	1,623,612	1,704,707	81,095	3,682,299	
Rubella Virus Vaccine, Live*	1,501,338	1,585,315	83,977	3,427,752	
Mumps Virus Vaccine, Live*	1,183,819	1,211,556	27,737	1,969,546	
Smallpox Vaccine	817,525	852,075	34,550	143,350	21,098,125
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	563,543	581,568	18,025	246,454	197,962
Tetanus Immune Globulin, Human, (reported in cc's)	269,470	285,340	15,870	522,910	28,096

* 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 1981	Jan-Jun 1980
Influenza Virus Vaccine, Trivalent	654,820	-1,167,680
Bivalent	-530	-22,640
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)	367,630	310,152
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	8,815,065	11,639,070
Tetanus Toxoid with Diphtheria Toxoid (Adult)	4,957,760	4,956,442
Diphtheria Toxoid	**	**
Tetanus Toxoid	5,021,905	5,418,515
Pertussis Vaccine	**	**
Poliomyelitis Vaccine, Inactivated	9,930	15,915
Poliovirus Vaccine, Live, Oral, Trivalent	11,346,365	11,603,145
Measles Virus Vaccine, Live, Attenuated*	3,192,349	3,907,803
Rubella Virus Vaccine, Live*	2,973,314	3,445,745
Mumps Virus Vaccine, Live*	2,316,688	2,427,388
Smallpox Vaccine	986,400	1,477,612
Rabies Vaccine	**	**
Immune Serum Globulin, Human (reported in cc's)	1,222,819	1,682,510
Tetanus Immune Globulin, Human (reported in cc's)	416,500	345,099

*All products containing this antigen.

**Not shown since fewer than three distributors reported.