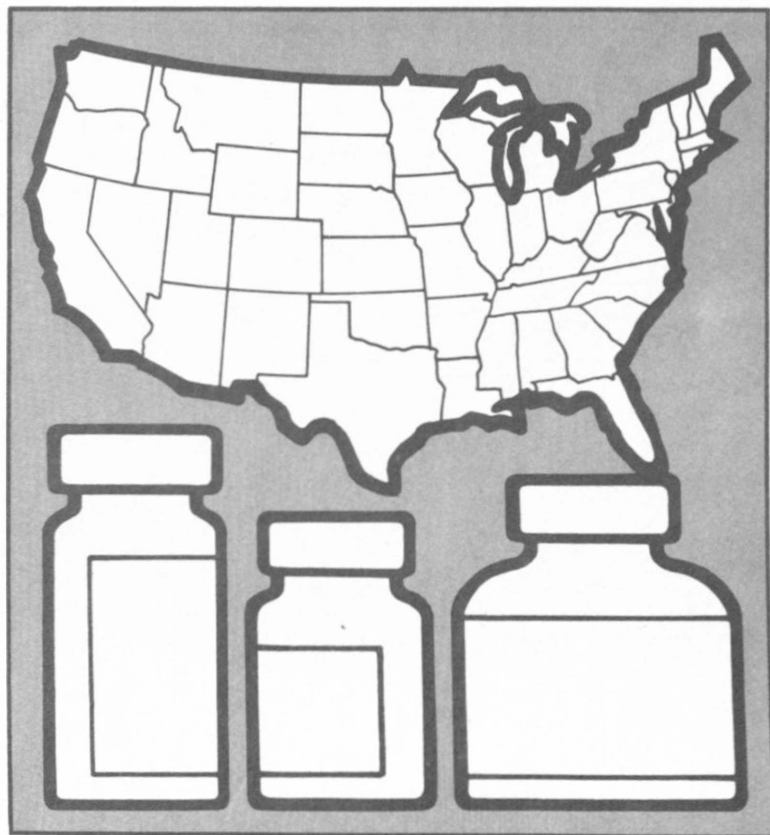


Report No. 88
JANUARY - JUNE 1984

CENTERS FOR DISEASE CONTROL

BIOLOGICS

SURVEILLANCE



COOPERATING IN THIS PROGRAM ARE THE FOLLOWING:

Armour Pharmaceutical Company	Michigan Department of Health
Connaught Laboratories	
Lederle Laboratories	Sclavo, Inc.
Massachusetts Department of Public Health	Wyeth Laboratories
Merck Sharp & Dohme	

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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 1984

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	-295,010	23,290	318,300	430	
Influenza Virus Vaccine, Bivalent					
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	228,930	257,810	28,880	477,030	705,960
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	4,672,415	4,771,290	98,875	1,078,930	1,072,835
Tetanus & Diphtheria Toxoid (Adult)	1,747,470	1,774,450	26,980	2,329,870	2,266,560
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,786,473	1,902,768	116,295	2,111,340	5,768,500
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	8,360	8,385	25		
Poliomyelitis Vaccine, Live, Oral, Trivalent	5,317,130	5,317,130		5,172,290	
Measles Virus Vaccine, Live, Attenuated*	1,764,458	1,808,899	44,441	1,264,722	
Rubella Virus Vaccine, Live*	1,776,752	1,822,467	45,715	1,765,460	
Mumps Virus Vaccine, Live *	1,574,212	1,606,632	32,420	1,127,781	
Smallpox Vaccine	1,180,000	1,180,000			21,709,740
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	586,810	595,436	86260	697,030	351,602
Tetanus Immune Globulin, Human (reported in cc's)	162,760	175,600	12,840	585,470	723,880

*All products containing this antigen.

**Not shown since fewer than three distributors reported

BIOLOGICS SURVEILLANCE SUMMARY FOR APRIL - JUNE 1984

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	-208,280	3,910	212,190	1,700	
Influenza Virus Vaccine, Bivalent					
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	278,570	308,220	29,650	674,320	214,380
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	3,640,470	3,712,060	71,590	509,060	356,438
Tetanus & Diphtheria Toxoid (Adult)	3,301,490	3,348,070	46,580	2,390,530	652,358
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	2,264,094	2,310,434	46,340	1,952,666	983,886
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	7,660	7,660			
Poliomyelitis Vaccine, Live, Oral, Trivalent	5,963,020	5,963,020		5,758,130	
Measles Virus Vaccine, Live, Attenuated*	1,506,547	1,655,229	148,682	1,655,1410	
Rubella Virus Vaccine, Live*	1,506,579	1,658,682	152,103	1,779,795	
Mumps Virus Vaccine, Live*	1,422,776	1,566,38	143,6117	1,311,194	
Smallpox Vaccine					11,849,5300
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	793,546	799,598	6,052	530,206	308,404
Tetanus Immune Globulin, Human (reported in cc's)	252,870	260,840	7,970	373,880	722,530

*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 1984	Jan-Jun 1983
Influenza Vaccine, Trivalent Bivalent	-503,290	45,630
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	507,500	447,213
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	8,312,885	8,897,380
Tetanus & Diphtheria Toxoid (Adult)	5,048,960	4,733,327
Diphtheria Toxoid**	**	**
Tetanus Toxoid	4,050,567	3,818,283
Pertussis Vaccine**	**	**
Poliomyelitis Vaccine, Inactivated	16,020	17,320
Poliomyelitis Vaccine, Live, Oral, Trivalent	11,280,150	9,362,070
Measles Virus Vaccine, Live, Attenuated*	3,271,005	2,993,000
Rubella Virus Vaccine, Live*	3,283,331	3,015,030
Mumps Virus Vaccine, Live*	2,996,988	2,605,329
Smallpox Vaccine	1,180,000	2,246,507
Rabies Vaccine**	**	**
Immune Serum Globulin, Human (reported in cc's)	1,380,356	1,010,602
Tetanus Immune Globulin, Human (reported in cc's)	415,630	353,380

*All products containing this antigen.

**Not shown since fewer than three distributors reported