

Report No. 85

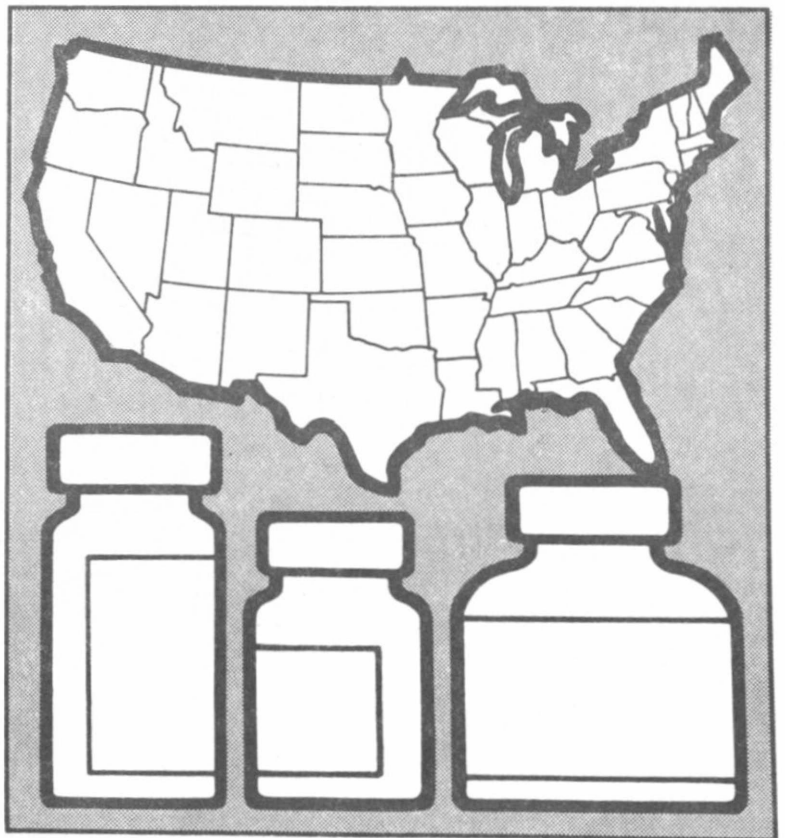
JULY - DECEMBER 1982

ANNUAL SUMMARY

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

William H. Foege, M.D.
Director

IMMUNIZATION PRACTICES
ADVISORY COMMITTEE

J. Michael Lane, M.D.
Executive Secretary

CENTER FOR PREVENTION SERVICES

J. Michael Lane, M.D.
Director

IMMUNIZATION DIVISION

Alan R. Hinman, M.D.
Director

BIOLOGICS SURVEILLANCE

Donald L. Eddins
Chief

David Sanders
Statistical Assistant

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.

QUARTERLY BIOLOGICS SUMMARY FOR JULY-SEPTEMBER 1982

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 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	14,542,110	14,840,030	297,920	811,180	
Influenza Virus Vaccine, Bivalent					
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)	359,370	386,334	26,960	290,962	500,539
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	5,149,950	5,228,140	78,190	3,126,531	773,707
Tetanus Toxoid with Diphtheria Toxoid (Adult)	2,790,740	2,842,150	51,410	3,420,742	850,810
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	2,610,660	2,671,035	60,375	2,168,350	1,067,338
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	13,610	13,610			
Poliomyelitis Vaccine, Live, Oral, Trivalent	5,464,800	5,464,800		5,506,110	
Measles Virus Vaccine, Live, Attenuated*	1,398,039	1,470,299	72,260	1,408,910	
Rubella Virus Vaccine, Live*	1,440,455	1,520,808	80,353	1,375,757	
Mumps Virus Vaccine, Live*	1,113,674	1,148,990	35,316	942,566	
Smallpox Vaccine	5,000	26,350	21,350	70,575	21,614,250
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	549,710	564,580	14,870	628,522	139,828
Tetanus Immune Globulin, Human (reported in cc's)	235,580	241,410	5,830	391,820	32,962

* All products containing this antigen.

**Not shown since fewer than three distributors reported.

QUARTERLY BIOLOGICS SUMMARY OCT-DEC 1982

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 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	327,300	1,023,540	696,240	219,800	
Influenza Virus Vaccine, Bivalent					
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)	166,514	188,904	22,390	453,458	427,279
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	4,054,355	4,124,095	69,740	1,777,330	1,352,884
Tetanus Toxoid with Diphtheria Toxoid (Adult)	2,974,192	3,013,012	38,820	2,255,910	506,552
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,861,532	1,908,527	46,995	2,132,808	1,383,157
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	7,395	7,395			
Poliomyelitis Vaccine, Live, Oral, Trivalent	4,629,650	4,629,650	0	4,258,460	0
Measles Virus Vaccine, Live, Attenuated*	1,329,506	1,403,409	73,903	967,353	0
Rubella Virus Vaccine, Live*	1,340,676	1,408,328	67,652	1,026,764	0
Mumps Virus Vaccine, Live*	1,107,797	1,134,313	26,516	559,100	0
Smallpox Vaccine	110,375	126,125	15,750	37,875	23,255,425
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	471,422	482,374	10,952	476,022	95,158
Tetanus Immune Globulin, Human (reported in cc's)	165,630	172,590	6,960	503,080	50,273

* All products containing this antigen.

**Not shown since fewer than three distributors reported.

TOTAL NET DOSES DISTRIBUTED
UNITED STATES 1978-1982

PRODUCT DESCRIPTION	1978	1979	1980	1981	1982
Influenza Virus Vaccine, Trivalent	19,892,960	18,270,794	12,425,890	19,829,170	16,959,690
Influenza Virus Vaccine, Bivalent			-25,270	-530	0
Diphtheria Toxoid with Tetanus Toxoid (Pediatric)	823,326	884,165	751,280	789,712	980,014
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	17,992,360	18,414,768	21,815,510	18,827,085	18,261,045
Tetanus Toxoid with Diphtheria Toxoid (Adult)	9,191,122	9,463,907	10,310,850	10,263,995	11,309,528
Diphtheria Toxoid	960	1,933	**	**	**
Tetanus Toxoid	10,971,238	12,508,262	11,696,607	9,988,452	8,530,734
Pertussis Vaccine	100,610	86,680	**	**	**
Poliomyelitis Vaccine, Inactivated	**	40,465	28,665	20,370	33,485
Poliomyelitis Vaccine, Live, Oral, Trivalent	24,579,120	24,538,960	23,746,180	22,785,255	20,630,010
Measles Virus Vaccine, Live, Attenuated*	8,931,344	8,520,168	7,957,863	6,624,995	5,435,625
Rubella Virus Vaccine, Live*	7,552,861	8,188,070	7,235,614	6,234,065	5,570,066
Mumps Virus Vaccine, Live *	4,648,810	5,285,014	5,207,951	4,780,797	4,362,356
Smallpox Vaccine	4,284,029	3,611,147	2,829,162	2,422,400	763,579
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	4,005,759	3,887,745	2,954,226	2,305,895	2,050,080
Tetanus Immune Globulin, Human (reported in cc's)	1,339,681	1,360,051	858,546	894,290	786,760

* All products containing this antigen.

**Not shown since fewer than three distributors reported.