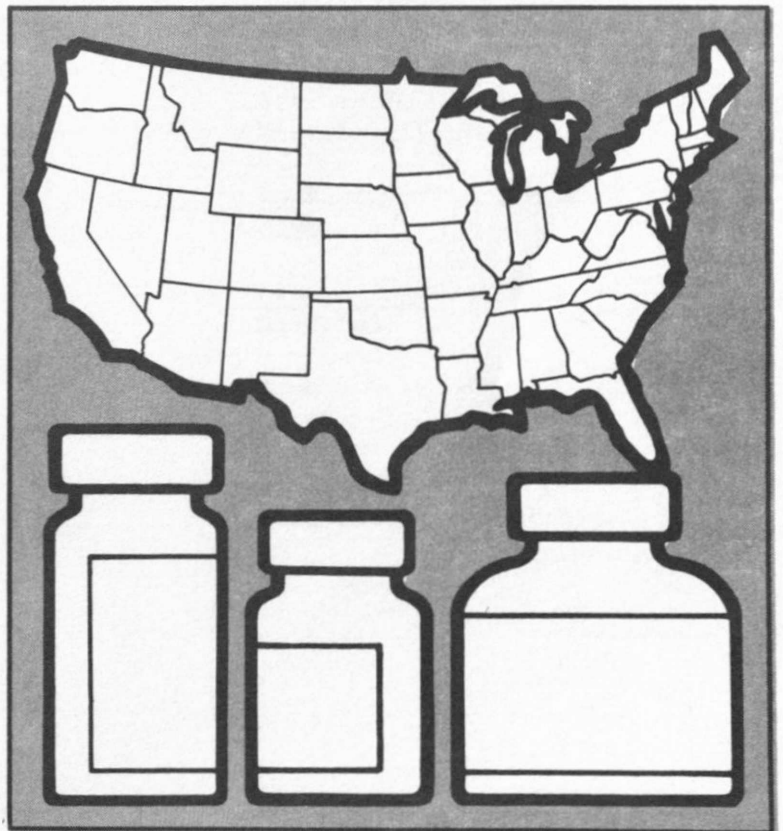


Report No. 89
JULY - DECEMBER 1984

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

CENTERS FOR DISEASE CONTROL

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BIOLOGICS SURVEILLANCE

Donald L. Eddins
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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.

BIOLOGICS SURVEILLANCE SUMMARY FOR JULY-SEPTEMBER 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	13,185,930	13,328,520	142,590	1,321,040	954,717
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	589,640	619,250	29,610	1,668,610	969,079
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	3,778,335	4,372,335	42,345	848,295	1,412,985
Tetanus & Diphtheria Toxoid (Adult)	4,240,660	4,293,420	52,760	4,109,150	854,191
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	2,405,921	2,464,746	58,825	5,879,426	1,256,125
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	19,885	19,885	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	5,264,450	5,264,450	0	9,403,070	0
Measles Virus Vaccine, Live, Attenuated*	1,304,985	1,340,091	35,106	5,295,164	0
Rubella Virus Vaccine, Live*	1,348,027	1,395,279	47,252	5,547,470	0
Mumps Virus Vaccine, Live *	1,325,257	1,361,294	36,037	3,795,166	0
Smallpox Vaccine	0	0	0	0	63,196,800
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	480,748	486,798	6,050	1,934,952	1,526,810
Tetanus Immune Globulin, Human (reported in cc's)	274,710	281,430	6,720	101,050	203,422

*All products containing this antigen.

**Not shown since fewer than three distributors reported

BIOLOGICS SURVEILLANCE SUMMARY FOR OCTOBER-NOVEMBER 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	1,478,660	1,849,780	371,120	318,840	0
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	280,090	304,860	24,770	1,347,056	865,070
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	3,543,845	3,554,320	10,475	2,707,080	1,521,360
Tetanus & Diphtheria Toxoid (Adult)	2,014,060	2,035,390	21,330	4,325,950	1,473,895
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	1,649,078	1,682,333	33,255	4,712,260	2,610,567
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	6,210	6,210	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	4,117,050	4,117,050	0	9,011,200	0
Measles Virus Vaccine, Live, Attenuated*	1,172,422	1,207,189	34,767	5,370,212	0
Rubella Virus Vaccine, Live*	1,217,489	1,250,489	48,874	5,348,322	0
Mumps Virus Vaccine, Live*	1,142,990	1,183,750	40,760	4,257,725	0
Smallpox Vaccine	0	0	0	0	44,540,010
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	510,082	517,236	7,154	1,995,960	1,586,318
Tetanus Immune Globulin, Human (reported in cc's)	152,450	158,650	6,200	54,780	1,503,348

*All products containing this antigen.

**Not shown since fewer than three distributors reported

TOTAL NET DOSES DISTRIBUTED
UNITED STATES 1980 1984

PRODUCT DESCRIPTION	1980	1981	1982	1983	1984
Influenza Virus Vaccine, Trivalent	12,425,890	19,829,170	16,959,690	17,877,970	14,161,300
Influenza Virus Vaccine, Bivalent	-25,270	-530	0	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	751,280	789,712	980,014	1,036,625	1,377,230
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	21,815,510	18,827,085	18,261,045	18,792,270	15,635,065
Tetanus & Diphtheria Toxoid (Adult)	10,310,850	10,263,995	11,309,528	9,418,149	11,303,680
Diphtheria Toxoid	**	**	**	**	**
Tetanus Toxoid	11,696,670	9,988,452	8,530,734	7,867,613	8,105,566
Pertussis Vaccine	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	28,665	20,370	33,485	44,860	42,115
Poliomyelitis Vaccine, Live, Oral, Trivalent	23,746,180	22,785,255	20,630,010	19,590,140	20,661,650
Measles Virus Vaccine, Live, Attenuated*	7,957,863	6,624,995	5,435,625	5,858,841	5,748,412
Rubella Virus Vaccine, Live*	7,235,614	6,234,065	5,570,066	5,824,909	5,848,847
Mumps Virus Vaccine, Live *	5,207,951	4,780,797	4,362,356	5,127,755	5,465,235
Smallpox Vaccine	2,829,162	2,422,400	763,579	2,244,407	1,180,000
Rabies Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	2,954,226	2,305,895	2,050,080	1,815,266	2,371,186
Tetanus Immune Globulin, Human (reported in cc's)	858,546	894,290	786,760	818,392	842,790

*All products containing this antigen.

**Not shown since fewer than three distributors reported