

CDC

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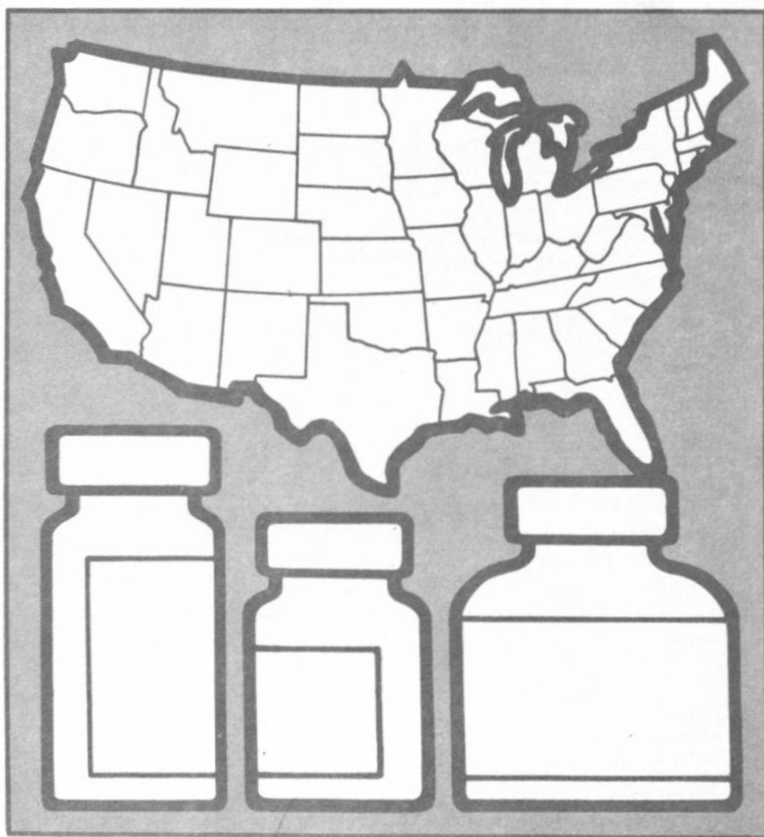
JULY - DECEMBER 1986

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CENTERS FOR DISEASE CONTROL

# BIOLOGICS

**SURVEILLANCE**



COOPERATING IN THIS PROGRAM ARE THE FOLLOWING:

Armour Pharmaceutical Company	Michigan Department of Health
Connaught Laboratories	Parke-Davis & Company
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 JULY-SEPTEMBER 1986

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 SHIP- MENT AT QR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIP- MENT AT QR. END
Anthrax	**	**	**	**	**
Diphtheria Toxoid	**	**	**	**	**
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	278,610	506,900	228,290	469,850	310,320
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	4,992,045	5,940,435	948,390	43,850	328,640
Haemophilus b Polysaccharide Vaccine	**	**	**	**	**
Hepatitis B Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	338,462	342,690	4,228	265,320	42,648
Influenza Virus Vaccine, Monovalent	0	0	0	0	0
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Influenza Virus Vaccine, Trivalent	18,416,830	19,287,650	870,820	240,430	0
Measles Virus Vaccine, Live, Attenuated*	1,381,464	1,435,014	53,550	740,757	0
Measles/Rubella Virus Vaccine, Live	140,603	155,033	14,430	158,175	0
Measles/Mumps/Rubella Virus Vaccine, Live	1,151,944	1,170,560	18,616	481,873	0
Meningococcal Polysaccharide Vaccine	**	**	**	**	**
Mumps Virus Vaccine, Live*	1,214,497	1,253,352	38,855	781,446	0
Mumps/Rubella Virus Vaccine, Live	7,377	13,510	6,133	34,590	0
Pertussis Vaccine	**	**	**	**	**
Pneumococcal Vaccine, Polyvalent	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	4,819	4,819	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	-3,594,850	5,974,540	9,569,390	0	0
Rubella Virus Vaccine, Live*	1,478,774	1,539,599	60,825	637,216	0
Smallpox Vaccine	0	0	0	0	18,905,700
Rabies Vaccine	**	**	**	**	**
Tetanus & Diphtheria Toxoid (Adult)	2,773,570	2,804,330	30,760	997,790	193,510
Tetanus Toxoid	1,394,590	2,122,975	728,385	1,353,807	707,707
Tetanus Immune Globulin, Human (reported in cc's)	161,080	167,750	6,670	454,000	0

\*All products containing this antigen.

\*\*Not shown since fewer than three distributors reported

## BIOLOGICS SURVEILLANCE SUMMARY FOR OCTOBER-DECEMBER 1986

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 SHIP- MENT AT QR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIP- MENT AT QR. END
Anthrax	**	**	**	**	**
Diphtheria Toxoid	**	**	**	**	**
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)***	270,020	289,110	19,090	774,090	310,320
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	5,108,980	5,109,140	160	1,345,395	212,890
Haemophilus b Polysaccharide Vaccine	**	**	**	**	**
Hepatitis B Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	444,426	445,506	1,080	26,088	94,336
Influenza Virus Vaccine, Monovalent	7,279,290	7,373,170	93,880	124,910	0
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Influenza Virus Vaccine, Trivalent	436,820	1,205,100	768,280	112,930	0
Measles Virus Vaccine, Live, Attenuated*	1,244,997	1,281,568	36,571	0	1,184,644
Measles/Rubella Virus Vaccine, Live	93,656	101,494	7,838	0	165,223
Measles/Mumps/Rubella Virus Vaccine, Live	1,078,839	1,094,495	15,656	0	869,950
Meningococcal Polysaccharide Vaccine	**	**	**	**	**
Mumps Virus Vaccine, Live*	1,159,580	1,192,003	32,423	0	1,041,805
Mumps/Rubella Virus Vaccine, Live	5,571	8,627	3,056	0	25,590
Pertussis Vaccine	**	**	**	**	**
Pneumococcal Vaccine, Polyvalent	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	27,855	27,855	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	3,957,110	3,957,110	0	8,541,390	0
Rubella Virus Vaccine, Live*	1,268,893	1,309,194	40,301	0	1,229,108
Smallpox Vaccine	0	0	0	0	18,905,700
Rabies Vaccine	**	**	**	**	**
Tetanus & Diphtheria Toxoid (Adult)***	1,762,320	1,784,080	21,760	106,880	55,010
Tetanus Toxoid***	1,199,395	1,223,310	23,915	2,115,010	811,104
Tetanus Immune Globulin, Human (reported in cc's)	121,750	121,750	0	332,250	440,250

\*All products containing this antigen.

\*\*Not shown since fewer than three distributors reported

\*\*\*Incomplete data

BIOLOGICS SURVEILLANCE SUMMARY FOR JANUARY-DECEMBER 1986

PRODUCT DESCRIPTION	NET NUMBER OF DOSES SOLD OR DISTRIBUTED THIS YEAR	GROSS NUMBER OF DOSES SOLD OR DISTRIBUTED THIS YEAR	NUMBER OF DOSES RETURNED DURING THIS YEAR	NUMBER OF FINISHED DOSES READY FOR IMMEDIATE SHIP- MENT AT YR. END	NUMBER OF FINISHED DOSES NOT READY FOR IMMEDIATE SHIP- MENT AT YR. END
Anthrax	**	**	**	**	**
Diphtheria Toxoid	**	**	**	**	**
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)***	1,127,370	1,455,380	328,010	774,090	310,320
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	19,433,800	20,382,920	949,120	1,345,395	212,890
Haemophilus b Polysaccharide Vaccine	**	**	**	**	**
Hepatitis B Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	1,525,042	1,548,480	23,438	26,088	94,336
Influenza Virus Vaccine, Monovalent	7,279,290	7,373,170	93,880	124,910	0
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Influenza Virus Vaccine, Trivalent	18,451,510	21,532,920	3,081,410	112,930	0
Measles Virus Vaccine, Live, Attenuated*	5,678,033	5,878,753	200,720	0	1,184,644
Measles/Rubella Virus Vaccine, Live	560,912	610,744	49,832	0	165,223
Measles/Mumps/Rubella Virus Vaccine, Live	4,738,149	4,804,580	66,431	0	869,950
Meningococcal Polysaccharide Vaccine	**	**	**	**	**
Mumps Virus Vaccine, Live*	5,007,860	5,156,923	149,063	0	1,041,805
Mumps/Rubella Virus Vaccine, Live	28,310	50,530	22,220	0	25,590
Pertussis Vaccine	**	**	**	**	**
Pneumococcal Vaccine, Polyvalent	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	77,419	77,419	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	10,031,410	19,600,800	9,569,390	8,541,390	0
Rubella Virus Vaccine, Live*	5,852,607	6,076,830	224,223	0	1,229,108
Smallpox Vaccine	0	0	0	0	18,905,700
Rabies Vaccine	**	**	**	**	**
Tetanus & Diphtheria Toxoid (Adult)***	10,764,782	10,894,172	129,390	106,880	55,010
Tetanus Toxoid***	5,393,224	6,230,169	836,945	2,115,010	811,104
Tetanus Immune Globulin, Human (reported in cc's)	549,470	576,250	26,780	332,250	440,250

\*All products containing this antigen.

\*\*Not shown since fewer than three distributors reported

\*\*\*Incomplete data

TOTAL NET DOSES DISTRIBUTED  
UNITED STATES 1982-1986

PRODUCT DESCRIPTION	1982	1983	1984	1985	1986
Anthrax	**	**	**	**	**
Diphtheria Toxoid	**	**	**	**	**
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)***	980,014	1,036,625	1,377,230	1,494,530	1,127,370
Diphtheria and Tetanus Toxoids with Pertussis Vaccine	18,261,045	18,792,270	15,635,065	19,786,090	19,433,800
Haemophilus b Polysaccharide Vaccine	**	**	**	**	**
Hepatitis B Vaccine	**	**	**	**	**
Immune Serum Globulin, Human (reported in cc's)	2,050,080	1,815,266	2,371,186	2,567,294	1,525,042
Influenza Virus Vaccine, Monovalent	0	0	0	0	7,279,290
Influenza Virus Vaccine, Bivalent	0	0	0	0	0
Influenza Virus Vaccine, Trivalent	16,959,690	17,877,970	19,179,060****	20,700,761	18,451,510
Measles Virus Vaccine, Live, Attenuated*	5,435,625	5,858,841	5,748,412	5,881,797	5,678,033
Measles/Rubella Virus Vaccine, Live	422,193	531,331	431,253	462,300	560,912
Measles/Mumps/Rubella Virus Vaccine, Live	4,259,332	4,623,885	4,793,244	4,694,188	4,738,149
Meningococcal Polysaccharide Vaccine	**	**	**	**	**
Mumps Virus Vaccine, Live*	4,362,356	5,127,755	5,465,235	5,163,495	5,007,860
Mumps/Rubella Virus Vaccine, Live	52,984	97,437	44,991	28,835	28,310
Pertussis Vaccine	**	**	**	**	**
Pneumococcal Vaccine, Polyvalent	**	**	**	**	**
Poliomyelitis Vaccine, Inactivated	33,485	44,860	42,115	74,305	77,419
Poliomyelitis Vaccine, Live, Oral, Trivalent	20,630,010	19,590,140	20,661,650	20,703,740	10,031,410
Rubella Virus Vaccine, Live*	5,570,066	5,824,909	5,848,847	5,795,508	5,852,607
Smallpox Vaccine	763,579	2,244,407	1,180,000	0	0
Rabies Vaccine	**	**	**	**	**
Tetanus & Diphtheria Toxoid (Adult)***	11,309,528	9,418,149	11,303,680	9,519,928	10,764,782
Tetanus Toxoid***	8,530,734	7,867,613	8,105,566	7,318,342	5,393,224
Tetanus Immune Globulin, Human (reported in cc's)	786,760	818,392	842,790	423,010	549,470

\*All products containing this antigen.

\*\*Not shown since fewer than three distributors reported

\*\*\*Incomplete data for 1986

\*\*\*\*Revised 4/25/86