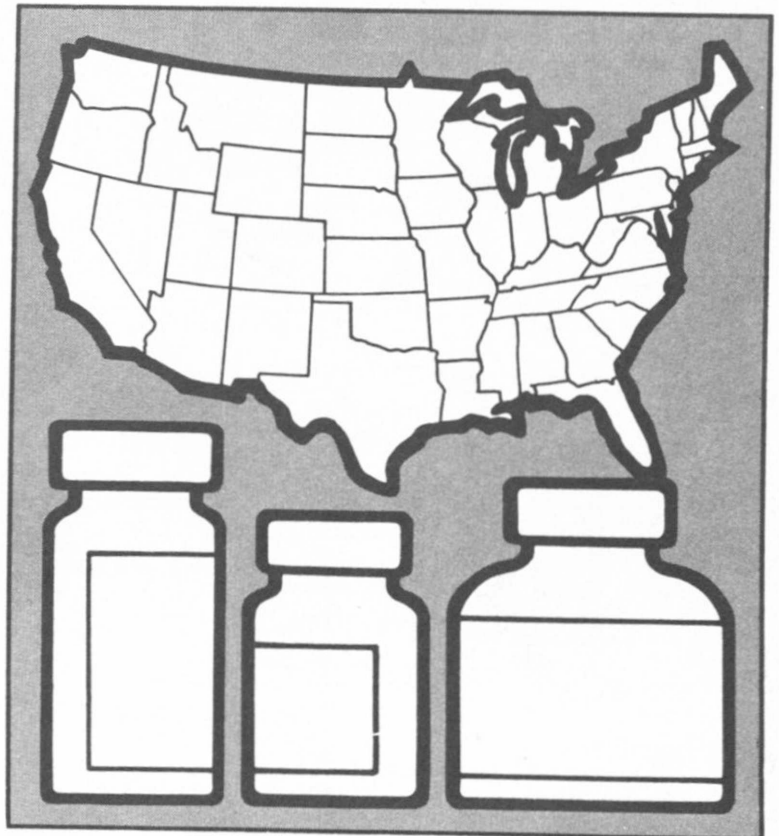


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CDC INFORMATION CENTER
ATLANTA, GA 30333

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

ADVISORY COMMITTEE ON
IMMUNIZATION PRACTICES

NATIONAL CENTER FOR
PREVENTION SERVICES

DIVISION OF IMMUNIZATION

BIOLOGICS SURVEILLANCE

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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. 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.

CDC Information System - Biologics Surveillance
Biologics Surveillance Summary for 1/87-12/87

Product Description	Net Number of doses sold or distributed this period	Gross Number of doses sold or distributed this period	Number of doses returned during this period	Number of finished doses ready for immediate shipment at period end	Number of finished doses not ready for immediate shipment at period end
Influenza Virus Vaccine, Trivalent	24,000,811	26,205,371	2,204,560	118,950	0
Influenza Virus Vaccine, Monovalent	-1,334,270	105,280	1,439,550	130	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	1,492,937	1,612,920	119,983	540,490	279,227
Diphtheria and Tetanus Tox. w/ Pertussis Vaccine	20,462,910	20,468,050	5,140	1,833,000	303,010
Tetanus and Diphtheria Toxoid (Adult)	10,552,940	10,628,130	75,190	2,632,160	3,481,910
Diphtheria Toxoid	210	210	0	950	3,650
Tetanus Toxoid	6,186,045	6,323,660	137,615	1,324,005	3,677,285
Pertussis Vaccine	16,180	16,180	0	3,280	34,550
Poliomyelitis Vaccine, Inactivated	92,345	92,345	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	18,436,490	18,436,490	0	10,153,200	0
Measles Virus Vaccine, Live, Attenuated	356,405	414,987	58,582	196,274	0
Rubella Virus Vaccine, Live	495,378	548,913	53,535	133,589	0
Mumps Virus Vaccine, Live	299,994	359,720	59,726	170,694	0
Mumps/Rubella Virus Vaccine, Live	25,668	39,726	14,058	33,645	0
Measles/Mumps/Rubella Virus Vaccine, Live	4,969,745	5,032,909	63,164	659,927	0
Measles/Rubella Virus Vaccine, Live	488,775	502,421	13,646	151,812	0
Haemophilus B, Polysaccharide	2,600,875	2,600,875	0	156,730	0
Pneumococcal Vaccine	1,339,663	1,395,908	56,245	573,372	0
Immune Serum Globulin	1,788,742	1,789,276	534	383,862	299,990
Tetanus Immune Globulin, Human	450,250	463,000	12,750	0	0
Hepatitis B	1,267,392	1,297,572	30,180	621,147	0

CDC Information System - Biologics Surveillance
Biologics Surveillance Summary for 1/88-12/88

Product Description	Net Number of doses sold or distributed this period	Gross Number of doses sold or distributed this period	Number of doses returned during this period	Number of finished doses ready for immediate shipment at period end	Number of finished doses not ready for immediate shipment at period end
Influenza Virus Vaccine, Trivalent	20,243,748	23,831,730	3,587,982	461,030	0
Influenza Virus Vaccine, Bivalent	-152,730	46,560	199,290	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	1,496,730	1,669,570	172,840	244,550	77,630
Diphtheria and Tetanus Tox. w/ Pertussis Vaccine	18,991,085	18,991,475	390	1,397,985	247,400
Tetanus and Diphtheria Toxoid (Adult)	11,500,460	11,580,360	79,900	1,360,880	376,449
Diphtheria Toxoid	140	140	0	440	4,030
Tetanus Toxoid	5,791,317	5,901,677	110,360	626,355	414,015
Pertussis Vaccine	3,350	3,350	0	6,790	24,650
Poliomyelitis Vaccine, Inactivated	115,510	115,510	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	18,520,000	18,520,000	0	1,510,300	0
Measles Virus Vaccine, Live, Attenuated	258,521	315,495	56,974	242,122	0
Rubella Virus Vaccine, Live	391,966	446,747	54,781	315,921	0
Mumps Virus Vaccine, Live	225,587	278,181	52,594	239,691	0
Mumps/Rubella Virus Vaccine, Live	16,888	34,398	17,510	28,345	0
Measles/Mumps/Rubella Virus Vaccine, Live	4,853,346	4,917,050	63,704	1,252,488	0
Measles/Rubella Virus Vaccine, Live	316,780	344,836	28,056	155,353	0
Haemophilus B, Polysaccharide	399,385	405,370	5,985	186,570	0
Haemophilus B, Conjugate	2,569,680	2,569,680	0	0	0
Pneumococcal Vaccine	1,407,406	1,503,009	95,603	556,085	0
Immune Serum Globulin	1,990,713	1,992,962	2,249	301,658	204,918
Tetanus Immune Globulin, Human	466,250	470,000	3,750	898,000	0
Hepatitis B	1,738,186	1,790,536	52,350	272,816	0

CDC Information System - Biologics Surveillance
Biologics Surveillance Summary for 1/89-12/89

Product Description	Net Number of doses sold or distributed this period	Gross Number of doses sold or distributed this period	Number of doses returned during this period	Number of finished doses ready for immediate shipment at period end	Number of finished doses not ready for immediate shipment at period end
Influenza Virus Vaccine, Trivalent	24,410,361	28,367,731	3,957,370	137,250	0
Influenza Virus Vaccine, Monovalent	-14,900	0	14,900	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	1,673,805	1,779,290	105,485	512,990	105,950
Diphtheria and Tetanus Tox. w/ Pertussis Vaccine	21,944,643	21,945,505	862	2,966,985	0
Tetanus and Diphtheria Toxoid (Adult)	12,716,383	12,783,470	67,087	2,454,780	754,390
Diphtheria Toxoid	190	190	0	450	3,840
Tetanus Toxoid	5,549,050	5,669,967	120,917	1,043,630	482,630
Pertussis Vaccine	6,690	6,690	0	24,470	0
Poliomyelitis Vaccine, Inactivated	292,410	292,410	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	18,795,970	18,795,970	0	4,818,460	0
Measles Virus Vaccine, Live, Attenuated	667,713	739,572	71,859	663,757	0
Rubella Virus Vaccine, Live	260,847	311,140	50,293	167,890	0
Mumps Virus Vaccine, Live	32,242	78,314	46,072	114,972	0
Mumps/Rubella Virus Vaccine, Live	18,716	33,286	14,570	18,203	0
Measles/Mumps/Rubella Virus Vaccine, Live	7,769,314	7,842,669	73,355	900,848	0
Measles/Rubella Virus Vaccine, Live	1,077,887	1,102,914	25,027	158,511	0
Haemophilus B, Polysaccharide	87,380	105,515	18,135	40	0
Haemophilus B, Conjugate	4,385,700	4,385,700	0	0	0
Pneumococcal Vaccine	1,175,605	1,296,395	120,790	434,390	0
Immune Serum Globulin	67,700	68,896	1,196	7,782	42,032
Tetanus Immune Globulin, Human	360,220	367,250	7,030	203,000	0
Hepatitis B	2,012,201	2,102,945	90,744	735,259	0

CDC Information System - Biologics Surveillance
Biologics Surveillance Summary for 1/90-12/90

Product Description	Net Number of doses sold or distributed this period	Gross Number of doses sold or distributed this period	Number of doses returned during this period	Number of finished doses ready for immediate shipment at period end	Number of finished doses not ready for immediate shipment at period end
Influenza Virus Vaccine, Trivalent	25,377,486	29,766,475	4,388,989	540,820	0
Influenza Virus Vaccine, Monovalent	-1,280	0	1,280	0	0
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	1,286,860	1,377,990	91,130	449,030	53,130
Diphtheria and Tetanus Tox. w/ Pertussis Vaccine	21,862,850	21,863,930	1,080	1,526,645	175,180
Tetanus and Diphtheria Toxoid (Adult)	11,838,905	11,913,197	74,292	1,994,739	1,030,866
Diphtheria Toxoid	30	30	0	0	0
Tetanus Toxoid	3,929,667	4,153,241	223,574	928,365	226,460
Pertussis Vaccine	4,460	4,460	0	600	12,330
Poliomyelitis Vaccine, Inactivated	148,274	148,274	0	0	0
Poliomyelitis Vaccine, Live, Oral, Trivalent	19,904,320	19,904,320	0	3,353,730	0
Measles Virus Vaccine, Live, Attenuated	1,781,888	1,841,492	59,604	599,580	0
Rubella Virus Vaccine, Live	420,102	470,195	50,093	338,680	0
Mumps Virus Vaccine, Live	97,368	156,137	58,769	31,110	0
Mumps/Rubella Virus Vaccine, Live	28,988	37,740	8,752	26,783	0
Measles/Mumps/Rubella Virus Vaccine, Live	14,737,430	14,847,697	110,267	2,126,244	0
Measles/Rubella Virus Vaccine, Live	1,719,844	1,740,537	20,693	219,067	0
Haemophilus B, Polysaccharide	-26,020	0	26,020	0	0
Haemophilus B, Conjugate	7,154,182	7,171,152	16,970	1,116,336	0
Pneumococcal Vaccine	1,532,679	1,584,621	51,942	660	0
Immune Serum Globulin	149,743	150,044	301	17,370	53,238
Tetanus Immune Globulin, Human	504,500	513,250	8,750	15,750	0
Hepatitis B	1,591,886	1,627,738	35,852	760,281	0

CDC Information System - Biologics Surveillance
Total Net Doses Distributed, United States 1987-1990

Product Description	1987	1988	1989	1990
Influenza Virus Vaccine, Trivalent	24,000,811	20,243,748	24,410,361	25,377,486
Influenza Virus Vaccine, Bivalent	-1,334,270	-152,730	-14,900	-1,280
Diphtheria Toxoid and Tetanus Toxoid (Pediatric)	1,492,937	1,496,730	1,673,805	1,286,860
Diphtheria and Tetanus Tox. w/ Pertussis Vaccine	20,462,910	18,991,085	21,944,643	21,862,850
Tetanus and Diphtheria Toxoid (Adult)	10,552,940	11,500,460	12,716,383	11,838,905
Diphtheria Toxoid	210	140	190	30
Tetanus Toxoid	6,186,045	5,791,317	5,549,050	3,929,667
Pertussis Vaccine	16,180	3,350	6,690	4,460
Poliomyelitis Vaccine, Inactivated	92,345	115,510	292,410	148,274
Poliomyelitis Vaccine, Live, Oral, Trivalent	18,436,490	18,520,000	18,795,970	19,904,320
Measles Virus Vaccine, Live, Attenuated	356,405	258,521	667,713	1,781,888
Rubella Virus Vaccine, Live	495,378	391,966	260,847	420,102
Mumps Virus Vaccine, Live	299,994	225,587	32,242	97,368
Mumps/Rubella Virus Vaccine, Live	25,668	16,888	18,716	28,988
Measles/Mumps/Rubella Virus Vaccine, Live	4,969,745	4,853,346	7,769,314	14,737,430
Measles/Rubella Virus Vaccine, Live	488,775	316,780	1,077,887	1,719,844
Haemophilus B, Polysaccharide	2,600,875	399,385	87,380	-26,020
Haemophilus B, Conjugate		2,569,680	4,385,700	7,154,182
Pneumococcal Vaccine	1,339,663	1,407,406	1,175,605	1,532,679
Immune Serum Globulin	1,788,742	1,990,713	67,700	149,743
Tetanus Immune Globulin, Human	450,250	466,250	360,220	504,500
Hepatitis B	1,267,392	1,738,186	2,012,201	1,591,886