# WHAT HAS CHANGED?

# **VACCINES DOSES for U.S. CHILDREN: BIRTH-18 YEARS**

1962 Polio DTP (2 months) Smallpox OPV (2 months) DTP DTP (4 months) OPV (4 months) DTP (6 months) MMR (15 months) DTP (18 months) OPV (18 months) DTP (4 years) OPV (4 years) Td (15 years)

#### Since 1986:

Pharmaceutical manufacturers producing vaccines were freed from ALL liability resulting from vaccine injury or death by the National Childhood Vaccine Injury Act. The NVICP, National Vaccine Injury Compensation Program, was established.

#### 1989-2018:

Total payments to victims of vaccine injury = \$4,000,103,277.34

Number of Compensated Awards = 6,267

Only 1-10% of cases are ever reported.

DTP: Diphtheria, Tetanus, Pertussis (whole cell) OPV: Oral Polio MMR: Measles, Mumps, Rubella Td: Tetanus, Diphtheria Hep B: Hepatitis B DTaP: Diphtheria, Tetanus, Pertussis (acellular) HIB: Haemophilus influenzae Type B PCV: Pneumococcal IPV: Inactivated Polio Varicella: Chickenpox HPV: Human Papillomavirus (Gardasi I)

Tdap: Tetanus, Diphtheria, Pertussis (acellular)

SOURCE: www.cdc.gov

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Influenza (pregnancy) Influenza (18 months) Tdap (pregnancy) Hep A (18 months) Hep B (birth) Influenza (30 months) Influenza (42 months) Hep B (2 months) Rotavirus (2 months) DTaP (4 years) DTaP (2 months) IPV (4 years) HIB (2 months) MMR (4 years) PCV (2 months) Varicella (4 years) IPV (2 months) Influenza (5 years) Rotavirus (4 months) Influenza (6 years) DTaP (4 months) Influenza (7 years) HIB (4 months) Influenza (8 years) PCV (4 months) Influenza (9 years) IPV (4 months) HPV (9 years) Hep B (6 months) Influenza (10 years) Rotavirus (6 months) **HPV** (10 years) DTaP (6 months) Influenza (11 years) HIB (6 months) HPV (11 years) PCV (6 months) Tdap (12 years) IPV (6 months) Influenza (12 years) Influenza (6 months) Meningococcal (12 years) Influenza (7 months) Influenza (13 years) HIB (12 months) Influenza (14 years) PCV (12 months) Influenza (15 years) MMR (12 months) Influenza (16 years) Meningococcal (16 years) Varicella (12 months) Hep A (12 months) Influenza (17 years) DTaP (18 months) Influenza (18 years)

Recommended in 2018

72 Doses

53 Injected Vaccines

3 Oral Vaccines

Recommended in 1983

24 Doses 7 Injected Vaccines

4 Oral Vaccines

For school entry, children are now recommended to receive 35 vaccines and an additional 17 are recommended through the school years.

There are no adequate safety studies looking at the full recommended schedule or the safety of recommended vaccine combinations.

Many CT families and health providers are questioning the necessity and safety of the continually expanding recommendations.

### **Vaccines come with inherent and** unavoidable risks as evidenced by:

- Peer-reviewed science studies.
- Reported adverse reactions
- Vaccine court settlements

# REPORTED VACCINE REACTIONS

Since 2007\*, in Connecticut, 1,268 cases were REPORTED for POST-VACCINE E.R. VISITS.

The FDA estimates that the Vaccine Adverse **Events Reporting System (VAERS) receives** only 1% to 10% of suspected reactions.

State / Territory	Age	Events Reported	Percent (of 2,197)
Connecticut	< 6 months	54	4.26%
	6-11 months	26	2.05%
	1-2 years	96	7.57%
	3-5 years	90	7.10%
	6-17 years	189	14.91%
	18-29 years	146	11.51%
	30-39 years	95	7.49%
	40-49 years	92	7.26%
	50-59 years	134	10.57%
	60-64 years	82	6.47%
	65+ years	217	17.11%
	Unknown	47	3.71%
	Total	1,268	100.00%
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<sup>\*</sup> January 2007 to October 2018, per CDC.gov

# In 2018\*\*, VAERS received 36,332 reported vaccine reactions in the US including:

216 **Deaths** 

**Permanent disabilities** 841

**Hospitaliztions** 2,394

E.R. visits

# **Compensated Vaccine Injury**

#### **National Vaccine Injury Compensation Program Monthly Statistics Report**

Petitions Filed, compensated and dismissed, by alleged vaccine, since the beginning of VICP, 10/01/1988 through 11/01/2018

Vaccines	Filed Injury	Filed Death	Filed Grand	Compensated	Dismissed
	injury	Death	Total		
DTaP-IPV	10	0	10	2	3
DT	69	9	78	26	52
DTP	3,286	696	3,982	1,273	2,709
DTP-HIB	20	8	28	7	2:
DTaP	448	82	530	222	249
DTaP-Hep B-IPV	82	36	118	42	50
DTaP-HIB	11	1	12	7	4
DTaP-IPV-HIB	43	21	64	14	2
Td	205	3	208	121	7:
Tdap	634	6	640	338	6
Tetanus	134	2	136	73	4
Hepatitis A (Hep A)	101	7	108	50	31
Hepatitis B (Hep B)	689	60	749	271	41
Нер А-Нер В	30	0	30	16	
Hep B-HIB	8	0	8	5	
HIB	42	3	45	16	2
HPV	378	15	393	124	16
Influenza	4,660	156	4,816	2,728	44
IPV	268	14	282	8	26
OPV	282	28	310	158	15
Measles	143	19	162	55	10
Meningococcal	68	2	70	42	
MMR	970	61	1,031	401	58
MMR-Varicella	45	2	47	20	1
MR	15	0	15	6	
Mumps	10	0	10	1	
Pertussis	4	3	7	2	
Pneumococcal					
Conjugate	170	15	185	47	4
Rotavirus	93	4	98	56	2
Rubella	190	4	194	71	12
Varicella	99	9	108	63	3
Nonqualified1	100	9	109	3	10
Unspecified2	5,425	9	5,434	8	5,39
Grand Total	18,733	1,285	20,018	6,276	11,26

Nonqualified petitions are those filed for vaccines not covered under the VICP.

#### **Compensable vaccine table injuries include:**

- Anaphylaxis
- Encephalopathy (Brain swelling)
- Seizures (DTaP is listed as 1 in 16,000)
- Arthritis
- Thrombocytopenic Purpura
- Intussusception (Rotavirus)

#### Other long term sequelae, that have been compensated include:

- Guillain-Barre syndrome
- Transverse myelitis
- ADEM
- Multiple Sclerosis

<sup>\*\*</sup> January to October 2018, per CDC.gov

Unspecified petitions are those submitted with insufficient information to make a determination.