Case Series Drug Analysis Print Name: MMR Vaccine Analysis Print

Report Run Date:14-Nov-2023Data Lock Date:13-Nov-2023 18:30:03Earliest Reaction Date:20-Jun-1990MedDRA Version:MedDRA 26.1

MMR Vaccine Analysis All UK spontaneous suspected Adverse Drug Reaction Print: (ADR) reports associated with the MMR vaccine between 01/01/2019 and 13/11/2023.

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name		<u>Fotal</u>	Fatal
Blood disorders			
Anaemias NEC			
Anaemia		2	0
Eosinophilic disorders			
Eosinophilia		1	0
Haematological disorders			
Blood disorder		1	0
Haemolyses NEC			
Haemolysis		1	0
Leukocytoses NEC			
Monocytosis		1	0
T-cell lymphocytosis		1	0
Leukopenias NEC			
Lymphopenia		4	0
Lymphatic system disorders NEC			
Lymphadenitis		1	0
Lymphadenopathy		36	0
Marrow depression and hypoplastic anaemi	as		
Cytopenia		1	0
Spleen disorders			
Splenomegaly		1	0
Thrombocytopenias			
Immune thrombocytopenia		6	0
Thrombocytopenia		2	0
Thrombocytopenic purpura		1	0
Blood disorders SOC TOTAL		59	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Cardiac disorders		
Cardiac disorders NEC		
Cardiovascular disorder	1	0
Cardiac signs and symptoms NEC		
Palpitations	2	0
Endocarditis NEC		
Endocarditis noninfective	1	1
Heart failures NEC		
Cardiac failure	1	0
Cardiopulmonary failure	1	0
Pericardial disorders NEC		
Pericardial effusion	2	0
Rate and rhythm disorders NEC		
Bradycardia	1	0
Tachycardia	2	0
Ventricular arrhythmias and cardiac arrest		
Cardio-respiratory arrest	1	0
Ventricular tachycardia	1	0
Cardiac disorders SOC TOTAL	13	1

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Congenital disorders		
Cerebellar disorders congenital		
Hereditary ataxia	1	0
Immune system abnormalities congenital		
Primary immunodeficiency syndrome	1	0
Lymphatic system disorders congenital		
Lymphatic malformation	1	1
Congenital disorders SOC TOTAL	3	1

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear congestion	1	0
Ear pain	10	0
Ear swelling	3	0
Otorrhoea	1	0
External ear disorders NEC		
Excessive cerumen production	1	0
Hearing losses		
Deafness	3	0
Deafness transitory	1	0
Deafness unilateral	2	0
Hypoacusis	2	0
Inner ear disorders NEC		
Meniere's disease	1	0
Vestibular disorder	1	0
Inner ear signs and symptoms		
Tinnitus	4	0
Vertigo	2	0
Tympanic membrane disorders (excl infections)		
Tympanic membrane disorder	1	0
Tympanic membrane perforation	1	0
Ear disorders SOC TOTAL	34	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Eye disorders		
Eyelid movement disorders		
Excessive eye blinking	1	C
Lacrimation disorders		
Lacrimation increased	3	0
Lid, lash and lacrimal infections, irritations and inflammations		
Erythema of eyelid	1	C
Swelling of eyelid	3	0
Ocular disorders NEC		
Eye pain	7	C
Eye swelling	9	C
Periorbital swelling	2	C
Ocular infections, inflammations and associated manifestations		
Eye discharge	3	C
Eye inflammation	1	0
Eye irritation	1	C
Ocular hyperaemia	5	0
Ocular nerve and muscle disorders		
Extraocular muscle disorder	1	C
Eye movement disorder	4	C
Opsoclonus myoclonus	1	C
Strabismus	1	C
Ocular sensation disorders		
Photophobia	3	C
Refractive and accommodative disorders		
Hypermetropia	1	C
Visual disorders NEC		
Vision blurred	2	C
Visual impairment and blindness (excl colour blindness)		
Blindness transient	1	C
Cortical visual impairment	1	C
Visual impairment	4	C
Eve disorders SOC TOTAL	55	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Gastrointestinal disorders		
Colitis (excl infective)		
Inflammatory bowel disease	1	0
Diarrhoea (excl infective)		
Diarrhoea	60	0
Dyspeptic signs and symptoms	-	-
Dyspepsia	2	0
Faecal abnormalities NEC		
Abnormal faeces	1	0
Faecaloma	1	0
Faeces discoloured	2	0
Mucous stools	1	C
Flatulence, bloating and distension		
Abdominal distension	1	0
Gastrointestinal and abdominal pains (excl oral and throat)		
Abdominal pain	4	0
Abdominal pain upper	12	0
Gastrointestinal atonic and hypomotility disorders NEC		
Constipation	7	0
Gastrooesophageal reflux disease	2	0
Gastrointestinal disorders NEC		
Gastrointestinal disorder	4	0
Gastrointestinal dyskinetic disorders		
Change of bowel habit	2	0
Gastrointestinal motility disorder	1	0
Gastrointestinal signs and symptoms NEC		
Abdominal discomfort	1	0
Anal incontinence	1	0
Dysphagia	1	0
Odynophagia	1	0
Gastrointestinal spastic and hypermotility disorders		
Frequent bowel movements	1	0
Irritable bowel syndrome	1	0
Gingival disorders, signs and symptoms NEC		
Gingival pain	1	0
Gingival haemorrhages		
Gingival bleeding	1	0
Intestinal haemorrhages		
Rectal haemorrhage	1	C
Nausea and vomiting symptoms		
Nausea	24	0
Vomiting	76	C
Vomiting projectile	10	C
Oral soft tissue disorders NEC		
Lip blister	1	C
Oral papule	1	C
Oral soft tissue haemorrhages		
Mouth haemorrhage	1	C
Oral soft tissue signs and symptoms		
Oral mucosal blistering	1	C
Oral pain	2	C
Paraesthesia oral	1	C
Oral soft tissue swelling and oedema		
Lip swelling	6	(

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Gastrointestinal disorders ointestinal disorders cont'd		
Peritoneal and retroperitoneal disorders		
Ascites	1	0
Rectal inflammations NEC		
Proctitis	1	0
Salivary gland enlargements		
Parotid gland enlargement	1	0
Salivary gland enlargement	1	0
Submaxillary gland enlargement	1	0
Stomatitis and ulceration		
Mouth ulceration	3	0
Stomatitis	1	0
Tongue disorders		
Tongue disorder	1	0
Tongue geographic	1	0
Tongue signs and symptoms		
Strawberry tongue	1	0
Tongue eruption	2	0
Gastrointestinal disorders SOC TOTAL	247	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Earliest Reaction Date: 20-Jun-1990	MedDRA Version: MedDRA 26.1	tal	Eatol
Reaction Name			Fatal
General disorders Administration site reactions NEC			
Administration site erythema		1	ſ
Administration site rash			C
Administration site urticaria		2	C
		2	C
Application and instillation site reactions		4	<u>_</u>
Application site erythema			C
Application site rash		1	C
Asthenic conditions			-
Asthenia		11	C
Fatigue		44	C
Malaise		48	C
Febrile disorders			
Pyrexia		478	C
Feelings and sensations NEC			
Chills		12	C
Feeling abnormal		2	C
Feeling cold		2	C
Feeling hot		10	C
Feeling of body temperature change		2	C
Sensation of foreign body		1	C
Thirst		1	C
Thirst decreased		2	C
Gait disturbances			-
Gait disturbance		10	C
Gait inability		10	C
General signs and symptoms NEC			
Condition aggravated		3	C
Crying		42	C
Developmental delay		3	C
Developmental regression		7	C
Energy increased		1	C
General physical health deterioration		1	C
High-pitched crying		6	C
Illness		15	C
Influenza like illness		8	C
Irritability postvaccinal		1	C
Multiple organ dysfunction syndrome		1	1
Peripheral swelling		48	C
Screaming		12	C
Swelling		26	(
Swelling face		16	C
Inflammations			
Inflammation		11	C
Polyserositis		1	C
Systemic inflammatory response syndrome	9	1	(
Injection site reactions			
Injection site bruising		4	(
Injection site discolouration		1	(
Injection site discomfort		2	C
Injection site eczema		1	C
Injection site erythema		17	C
Injection site indentation		1	C
Injection site inflammation		4	(

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
General disorders General disorders cont'd		
Injection site mass	8	0
Injection site pain	6	0
Injection site pruritus	4	0
Injection site rash	8	0
Injection site reaction	1	0
Injection site swelling	13	0
Injection site vesicles	1	0
Injection site warmth	5	0
Oedema NEC		
Oedema	1	0
Pain and discomfort NEC		Ĩ
Chest discomfort	3	0
Chest pain	2	0
Discomfort	6	0
Facial pain	1	0
Non-cardiac chest pain	1	0
Pain	42	0
Tenderness	2	0
Therapeutic and nontherapeutic responses	_	Ũ
Adverse drug reaction	14	0
Adverse event	2	0
Adverse reaction	1	0
Drug ineffective	1	0
No reaction on previous exposure to drug	1	0
Post vaccination challenge strain shedding	1	0
Vaccination failure	6	0
Vaccination site reactions	Ŭ	Ũ
Extensive swelling of vaccinated limb	1	0
Vaccination site bruising	7	0
Vaccination site discomfort	1	0
Vaccination site erythema	52	0
Vaccination site haematoma	1	0
Vaccination site hypertrichosis	1	0
Vaccination site induration	5	0
Vaccination site inflammation	6	0
Vaccination site joint erythema	1	0
Vaccination site mass	17	0
Vaccination site movement impairment	2	0
Vaccination site nodule	1	0
Vaccination site pain	20	0
Vaccination site pruritus		0
Vaccination site rash	21	0
Vaccination site reaction	3	0
Vaccination site swelling	51	0
Vaccination site urticaria	2	0
Vaccination site vesicles	1	0
Vaccination site warmth	15	0
General disorders SOC TOTAL	1215	1

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Hepatic disorders		
Hepatic enzymes and function abnormalities		
Hepatic function abnormal	1	0
Hypertransaminasaemia	1	0
Hepatobiliary signs and symptoms		
Hepatosplenomegaly	1	0
Hepatocellular damage and hepatitis NEC		
Hepatitis	1	0
Hepatic disorders SOC TOTAL	4	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Allergy to metals	2	0
Hypersensitivity	21	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	2	0
Drug hypersensitivity	1	0
Food allergy	1	0
Milk allergy	1	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	11	0
Atopic disorders		
Atopy	1	0
Autoimmune disorders NEC		
Autoimmune disorder	1	0
Immune and associated conditions NEC		
Decreased immune responsiveness	1	0
Haemophagocytic lymphohistiocytosis	5	2
Immune system disorder	2	0
Multisystem inflammatory syndrome	1	0
Immunodeficiency disorders NEC		
Immunodeficiency	2	0
Immune system disorders SOC TOTAL	52	2

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Earliest Reaction Date: 20-Jun-1990	MedDRA Version: MedDRA 26.1	Total	Entol
Reaction Name		Total	Fatal
Infections			
Adenoviral infections		0	0
Adenovirus infection		2	0
Bacterial infections NEC			0
Administration site cellulitis		1	0
Cellulitis		17	0
Gastrointestinal bacterial overgrowth		1	0
Injection site cellulitis		1	0
Meningitis bacterial		1	0
Vaccination site cellulitis		2	0
Borrelial infections			0
Relapsing fever		1	0
Candida infections			-
Candida infection		1	0
Oral candidiasis		2	0
Central nervous system and spinal infection	3	10	•
Encephalitis		12	0
Encephalitis brain stem		1	0
Meningitis		1	0
Myelitis		1	0
Coronavirus infections			
COVID-19		2	0
Cytomegaloviral infections			-
Cytomegalovirus infection		3	0
Dental and oral soft tissue infections			-
Parotitis		2	0
Ear infections		_	-
Ear infection		5	0
Labyrinthitis		1	0
Otitis media		2	0
Otitis media acute		1	0
Epstein-Barr viral infections			
Epstein-Barr viraemia		1	0
Epstein-Barr virus infection		5	0
Epstein-Barr virus infection reactivation		1	0
Eye and eyelid infections			
Conjunctivitis		13	0
Eye infection		1	0
Fungal infections NEC			
Fungal infection		1	0
Herpes viral infections			
Herpes simplex		2	0
Human herpesvirus 6 infection		3	0
Human herpesvirus 6 infection reactivation		1	0
Varicella		2	0
Varicella zoster virus infection		1	0
Infections NEC			
Abscess		1	0
Abscess limb		1	0
Infection		1	C
Localised infection		1	0
Vaccination site infection		4	0
Infectious transmissions			
Infection transmission via personal contact		1	C

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Infections Infections cont'd		
Influenza viral infections		
Influenza	3	0
Lower respiratory tract and lung infections		
Atypical pneumonia	1	
Lower respiratory tract infection	4	
Pneumonia	2	
Male reproductive tract infections		
Orchitis	2	0
Mumps viral infections		
Encephalitis mumps	1	0
Mumps	10	1
Respiratory syncytial viral infections		
Respiratory syncytial virus infection	2	0
Rubella viral infections		
Encephalomyelitis rubella	1	0
Rubella	3	
Rubeola viral infections	Ĭ	
Measles	33	(
Measles post vaccine	5	
Sepsis, bacteraemia, viraemia and fungaemia NEC	Ŭ	
Septic shock	1	(
Urosepsis	1	
Skin structures and soft tissue infections		
Dermatitis infected	1	(
Eczema infected	1	
Vaccination site pustule	1	
Tuberculous infections		
Meningitis tuberculous	1	0
Tuberculosis	1	
Upper respiratory tract infections		
Croup infectious	2	(
Epiglottitis	2	
Nasopharyngitis	8	
Rhinitis	1	
Sinusitis	1	(
Tonsillitis	4	
Upper respiratory tract infection	5	
Urinary tract infections		
Urinary tract infection	1	(
Vascular infections		
Haematoma infection	1	(
Viral infections NEC		
Encephalitis viral	1	(
Viral infection	2	
Viral rash	3	
Viral upper respiratory tract infection	3	
Infections SOC TOTAL	206	

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Injuries		
Accidental exposures to product		
Accidental exposure to product	1	C
Cerebral injuries NEC		
Craniocerebral injury	1	C
Cranial nerve injuries		
Optic nerve injury	1	C
Exposures associated with pregnancy, delivery and lactation		
Exposure during pregnancy	2	C
Exposure via breast milk	1	C
Foetal exposure during pregnancy	1	C
Eye injuries NEC		
Eye contusion	1	C
Medication errors, product use errors and issues NEC		
Medication error	10	C
Product use in unapproved indication	4	C
Vaccination error	1	C
Wrong technique in product usage process	1	C
Non-site specific injuries NEC		
Fall	1	C
Injury	1	C
Occupational exposures		
Occupational exposure to product	1	C
Pathways and sources of exposure		
Exposure via skin contact	1	C
Product administration errors and issues		
Booster dose missed	2	C
Contraindicated product administered	1	C
Expired product administered	1	C
Extra dose administered	1	C
Inappropriate schedule of product administration	8	C
Incomplete course of vaccination	1	C
Incorrect dose administered	2	C
Incorrect dose administered by product	1	C
Product administered at inappropriate site	3	C
Product monitoring errors and issues		
Labelled drug-disease interaction medication error	1	C
Labelled drug-drug interaction issue	1	C
Site specific injuries NEC		
Central nervous system injury	1	C
Skin injuries NEC		
Contusion	8	C
Scar	2	(
Injuries SOC TOTAL	61	

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Investigations		- ortori
Blood gas and acid base analyses		
Carbon dioxide increased	1	0
Oxygen saturation decreased	1	0
Carbohydrate tolerance analyses (incl diabetes)		
Blood glucose decreased	1	0
Heart rate and pulse investigations		
Heart rate abnormal	2	0
Heart rate increased	5	0
Physical examination procedures and organ system status		
Body temperature	3	0
Body temperature abnormal	2	0
Body temperature decreased	4	0
Body temperature fluctuation	2	0
Body temperature increased	29	0
Respiratory rate increased	2	0
Skin temperature	1	0
Weight decreased	2	0
Pituitary analyses anterior		
Blood thyroid stimulating hormone increased	1	0
Platelet analyses		
Platelet count decreased	2	0
Toxicology laboratory analyses		
Blood aluminium increased	1	0
Heavy metal increased	1	0
Urinary tract function analyses NEC		
Urine output decreased	1	0
Vascular tests NEC (incl blood pressure)		
Blood pressure increased	1	0
Virus identification and serology		
Morbillivirus test positive	1	0
Mumps antibody test negative	2	0
Rubivirus test positive	1	0
Rubulavirus test positive	1	0
Investigations SOC TOTAL	67	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Decreased appetite	150	0
Food refusal	1	0
Hypophagia	3	0
Increased appetite	1	0
Diabetes mellitus (incl subtypes)		
Diabetes mellitus	1	0
Fluid intake decreased		
Fluid intake reduced	1	0
Food malabsorption and intolerance syndromes (excl sugar intolerance)		
Dairy intolerance	1	0
Food intolerance	2	0
General nutritional disorders NEC		
Abnormal loss of weight	2	0
Feeding disorder	3	0
Food aversion	1	0
Poor feeding infant	1	0
Hypoglycaemic conditions NEC		
Hypoglycaemia	1	0
Metabolic acidoses (excl diabetic acidoses)		
Metabolic acidosis	2	0
Metabolic disorders NEC		
Metabolic disorder	1	0
Protein metabolism disorders NEC		
Hyperammonaemia	1	0
Sodium imbalance		
Hyponatraemia	2	C
Total fluid volume increased		
Fluid retention	1	C
Metabolic disorders SOC TOTAL	175	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	DRA Version: MedDRA 26.1	Fatal
Muscle & tissue disorders		
Arthropathies NEC		
Arthritis	2	
Arthropathy		1
Bone related signs and symptoms		
Bone pain	1	
Pubic pain	1	
Cartilage disorders		
Costochondritis	1	
Extremity deformities		
Foot deformity	1	
Joint related signs and symptoms		
Arthralgia	22	
Joint noise	1	
Joint stiffness	5	
Joint swelling		
Muscle pains		
Myalgia	12	
Muscle related signs and symptoms NEC	12	
Muscle fatigue	1	
Muscle spasms		
Muscle twitching	1	
Muscle tone abnormalities		
Floppy infant	2	
Muscle rigidity	1	
Muscle weakness conditions		
Muscular weakness	14	
Musculoskeletal and connective tissue conditions		
Mobility decreased	2	
Musculoskeletal stiffness		-
Toe walking	1	
Weight bearing difficulty	5	
Musculoskeletal and connective tissue pain and c		
Back pain	4	t c
Limb discomfort	3	
Musculoskeletal chest pain	1	
Neck pain	3	
Pain in extremity	35	
Rheumatoid arthropathies		
Rheumatoid arthritis	1	
Soft tissue disorders NEC		
Groin pain	1	
Muscle & tissue disorders SOC TOTAL	132	

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Nervous system disorders		
Abnormal reflexes		
Areflexia	1	C
Absence seizures		-
Petit mal epilepsy	1	C
Acute polyneuropathies		-
Guillain-Barre syndrome	1	C
Central nervous system haemorrhages and cerebrovascular accidents		~
Cerebral infarction	1	C
Central nervous system vascular disorders NEC		_
Brain hypoxia	1	C
Choreiform movements		
Chorea	1	C
Coordination and balance disturbances		
Balance disorder	3	C
Coordination abnormal	1	C
Developmental coordination disorder	1	C
Dysstasia	2	C
Cortical dysfunction NEC		-
Aphasia	11	C
Sensory processing disorder	4	C
Demyelinating disorders NEC		
Acute disseminated encephalomyelitis	1	C
Disturbances in consciousness NEC		
Consciousness fluctuating	1	C
Depressed level of consciousness	1	C
Lethargy	36	C
Loss of consciousness	7	C
Somnolence	18	C
Syncope	9	C
Dyskinesias and movement disorders NEC		
Akinesia	1	C
Clumsiness	1	C
Dyskinesia	1	C
Hypokinesia	3	C
Encephalitis NEC		
Noninfective encephalitis	2	C
Encephalopathies NEC		
Encephalopathy	3	C
Facial cranial nerve disorders		
Bell's palsy	1	C
Facial paralysis	1	C
Generalised tonic-clonic seizures		
Generalised tonic-clonic seizure	1	(
Headaches NEC		
Headache	24	C
Increased intracranial pressure disorders		
Vasogenic cerebral oedema	1	C
Intellectual disabilities		
Intellectual disability	2	(
Memory loss (excl dementia)		
Amnesia	1	C
Mental impairment (excl dementia and memory loss)		
Cognitive disorder	1	C

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Earliest Reaction Date: 20-Jun-1990	MedDRA Version: MedDRA 26.1	Tatal	Fatal
Reaction Name		<u>Total</u>	Fatal
Nervous system disordersus system disorders of	contid		-
Disturbance in attention		2	C
Mental impairment		2	C
Migraine headaches			
Migraine		1	C
Muscle tone abnormal			
Hypotonia		4	C
Narcolepsy and hypersomnia			
Hypersomnia		4	C
Nervous system disorders NEC			
Nervous system disorder		4	C
Neurodegenerative disorder		1	C
Neurological signs and symptoms NEC			
Dizziness		22	C
Dizziness postural		1	C
Inability to crawl		3	C
Infant irritability		6	C
Myoclonus		1	C
Neurological decompensation		1	C
Neurological symptom		1	C
Pleocytosis		1	C
Unresponsive to stimuli		3	C
Neuromuscular disorders NEC			
Hypotonic-hyporesponsive episode		2	C
Muscle spasticity		1	C
Neuromyopathy		1	C
Olfactory nerve disorders			
Parosmia		1	C
Paraesthesias and dysaesthesias			
Burning sensation		1	C
Hypoaesthesia		8	C
Paraesthesia		7	C
Paralysis and paresis (excl cranial nerve)			
Diplegia		1	C
Monoplegia		1	C
Paralysis		7	C
Peripheral neuropathies NEC			
Neuropathy peripheral		1	C
Polyneuropathy		1	C
Seizures and seizure disorders NEC			
Epilepsy		3	C
Febrile convulsion		29	C
Myoclonic epilepsy		1	C
Partial seizures		4	(
Seizure		25	(
Seizure cluster			(
Seizure like phenomena		1	(
Status epilepticus		1	(
Tonic convulsion		1	(
Sensory abnormalities NEC		1	
Dysgeusia		1	ſ
		1	(
		1	
			(
Neuralgia Sensory disturbance Sensory loss		1 2 3	

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Nervous system disorders us system disorders cont'd		
Sleep disturbances NEC		
Sleep deficit	1	0
Speech and language abnormalities		
Dysarthria	1	0
Repetitive speech	1	0
Speech disorder	3	0
Speech disorder developmental	4	0
Structural brain disorders NEC		
Brain injury	4	0
Cerebral atrophy	1	0
Tremor (excl congenital)		
Tremor	8	0
Nervous system disorders SOC TOTAL	329	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Device physical property and chemical issues		
Needle issue	1	0
Syringe issue	1	0
Product quality issues NEC		
Product quality issue	2	0
null SOC TOTAL	4	0

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Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Psychiatric disorders		
Abnormal behaviour NEC		
Abnormal behaviour	11	0
Breath holding	1	0
Regressive behaviour	1	C
Staring	1	0
Affect alterations NEC		
Affect lability	1	0
Anxiety disorders NEC		
Separation anxiety disorder	1	C
Anxiety symptoms		
Agitation	6	C
Anxiety	3	0
Nervousness	1	0
Attention deficit and disruptive behaviour disorders		
Attention deficit hyperactivity disorder	3	C
Behaviour and socialisation disturbances		
Aggression	3	C
Attention-seeking behaviour	1	0
Personality change	7	0
Social avoidant behaviour	4	0
Communications disorders		
Communication disorder	2	0
Confusion and disorientation		
Confusional state	2	0
Disorientation	4	0
Deliria		
Delirium	1	0
Depressive disorders		
Depression	3	C
Disturbances in initiating and maintaining sleep		
Insomnia	23	C
Middle insomnia	2	0
Dyssomnias		
Poor quality sleep	7	0
Eating disorders NEC		
Eating disorder	2	0
Emotional and mood disturbances NEC		
Emotional distress	10	0
Frustration tolerance decreased	1	0
Irritability	77	C
Mood altered	1	C
Morose	1	0
Fear symptoms and phobic disorders (incl social phobia)		
Fear	1	0
Social anxiety disorder	1	0
Increased physical activity levels		
Restlessness	10	0
Learning disorders		
Learning disability	1	
Mental disorders NEC		
Mental disorder	4	(
Mood alterations with depressive symptoms		
Depressed mood	3	C

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Psychiatric disorders ^P sychiatric disorders cont'd		
Tearfulness	2	0
Mood disorders NEC		
Affective disorder	1	0
Listless	1	0
Parasomnias		
Nightmare	3	0
Sleep terror	2	0
Pervasive developmental disorders NEC		
Autism spectrum disorder	30	1
Psychiatric symptoms NEC		
Decreased eye contact	3	0
Sleep disorders NEC		
Sleep disorder	11	0
Speech articulation and rhythm disturbances		
Dysphemia	1	0
Lack of spontaneous speech	1	0
Stereotypies and automatisms		
Bruxism	1	0
Head banging	2	0
Posturing	1	0
Stereotypy	1	0
Suicidal and self-injurious behaviour		
Intentional self-injury	2	0
Self-injurious ideation	1	0
Thinking disturbances		
Intrusive thoughts	1	0
Thinking abnormal	2	0
Tic disorders		
Tic	1	0
Psychiatric disorders SOC TOTAL	267	1

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Renal & urinary disorders		
Bladder and urethral symptoms		
Micturition frequency decreased	1	0
Urinary incontinence	3	0
Urinary retention	1	0
Glomerulonephritis and nephrotic syndrome		
Nephrotic syndrome	1	0
Myoneurogenic bladder disorders		
Bladder dysfunction	1	0
Nephropathies and tubular disorders NEC		
Renal tubular disorder	2	0
Renal failure and impairment		
Oliguria	1	0
Renal impairment	1	0
Renal injury	1	0
Renal & urinary disorders SOC TOTAL	12	0

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name Total Reproductive & breast disorders Image: State of the state o	Fatal
Breast signs and symptoms 1 Breast pain 1	0
Breast pain 1	0
	0
Menstruation and uterine bleeding NEC	0
Menstrual disorder 1	0
Menstruation with decreased bleeding	
Menstruation delayed 1	0
Menstruation with increased bleeding	
Heavy menstrual bleeding 2	0
Reproductive tract signs and symptoms NEC	
Genital rash 1	0
Pelvic pain 1	0
Scrotal disorders NEC	
Scrotal swelling 1	0
Vulvovaginal disorders NEC	
Vaginal haemorrhage 1	0
Reproductive & breast disorders SOC TOTAL 9	0

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Respiratory disorders		
Breathing abnormalities		
Apnoeic attack	1	0
Dyspnoea	8	0
Hyperventilation	1	0
Hypopnoea	1	0
Irregular breathing	1	0
Respiration abnormal	3	0
Respiratory arrest	7	1
Respiratory distress	2	0
Tachypnoea	1	0
Bronchospasm and obstruction		
Wheezing	3	0
Conditions associated with abnormal gas exchange		
Hypoxia	1	0
Coughing and associated symptoms		
Cough	44	0
Haemoptysis	1	0
Laryngeal spasm, oedema and obstruction		
Stridor	1	0
Lower respiratory tract inflammatory and immunologic conditions		
Alveolitis	1	0
Pneumonitis	3	0
Pneumonitis aspiration	1	0
Nasal congestion and inflammations		
Nasal congestion	9	0
Nasal disorders NEC		
Epistaxis	6	0
Paranasal sinus disorders (excl infections and neoplasms)		
Sinus congestion	1	0
Parenchymal lung disorders NEC		
Interstitial lung disease	1	0
Lung consolidation	1	0
Organising pneumonia	1	0
Pulmonary alveolar haemorrhage	1	0
Pharyngeal disorders (excl infections and neoplasms)		
Pharyngeal erythema	3	0
Pharyngeal inflammation	2	0
Pharyngeal swelling	1	0
Pharyngeal ulceration	1	0
Tonsillar hypertrophy	2	0
Pleural conditions NEC		
Pleural adhesion	1	0
Pneumothorax and pleural effusions NEC		
Pleural effusion	3	0
Pulmonary oedemas		
Acute lung injury	1	0
Acute respiratory distress syndrome	4	1
Pulmonary congestion	1	0
Pulmonary oedema	1	C
Pulmonary thrombotic and embolic conditions		
Pulmonary embolism	1	C
Respiratory failures (excl neonatal)		
Acute respiratory failure	1	C

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	<u>T</u>	otal	Fatal
Respiratory disordersRespiratory disorders cont'd			
Respiratory failure		5	2
Respiratory tract disorders NEC			
Respiratory disorder		2	0
Respiratory tract oedema		1	0
Upper respiratory tract signs and symptoms			
Aphonia		1	0
Catarrh		2	0
Dry throat		1	0
Nasal discharge discolouration		1	0
Oropharyngeal discomfort		1	0
Oropharyngeal pain		18	0
Rhinorrhoea		25	0
Sneezing		3	0
Snoring		1	0
Throat irritation		2	0
Throat tightness		1	0
Upper-airway cough syndrome		1	0
Respiratory disorders SOC TOTAL		187	4

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Apocrine and eccrine gland disordersCold sweat	Fatal
AcneAngioedemasAngioedema:Apocrine and eccrine gland disorders:Cold sweat:Hyperhidrosis:Miliaria:Night sweats:Blister:Blister:Erythema multiforme:Dermal and epidermal conditions NEC:Dry skin:Macule:Papule:Skin discolouration:Skin disorder:Skin disorder:Skin lesion:Skin itghtness:Skin itghtness:Dermatitis and eczema:Dermatitis contact:Dermatitis contact:Dermatitis contact:Dermatitis contact:Dermatitis contact:Dermatitis accibed to specific agent:Drug eruption:Privar disorders:Skin irritation:Dermatitis:Dermatitis contact:Dermatitis contact:Dermatitis contact:Dermatitis accibed to specific agent:Drug eruption:Privar us Allorders NEC:Hair growth abnormal:Prurtus NEC:Prurtus NEC:Petechiae:Purpura:Purpura:Purpura:Purpura:	
Angioedema 3 Apocrine and eccrine gland disorders 3 Cold sweat 4 Hyperhidrosis 3 Miliaria 5 Night sweats 3 Bilster 5 Erythema multiforme 6 Dermal and epidermal conditions NEC 7 Dry skin 3 Macule 5 Pain of skin 2 Papule 3 Skin burning sensation 3 Skin discolouration 3 Skin discolouration 3 Skin isorder 3 Dermatitis and eczema 11 Dermatitis and eczema <t< td=""><td>1</td></t<>	1
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Apocrine and eccrine gland disordersCold sweat	3
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Night sweatsImage: Second stressBullous conditionsImage: Second stressBilsterImage: Second stressBitsterImage: Second stressDermal and epidermal conditions NECImage: Second stressDermal and epidermal conditions NECImage: Second stressDry skinImage: Second stressMaculeImage: Second stressPapuleImage: Second stressPapuleImage: Second stressScabImage: Second stressSkin discolourationImage: Second stressSkin disorderImage: Second stressSkin reactionImage: Second stressSkin tightnessImage: Second stressSkin tightnessImage: Second stressDermatitis and eczemaImage: Second stressDermatitis allergicImage: Second stressDermatitis allergicImage: Second stressDermatitis diaperImage: Second stressSkin irritationImage: Second stressDermatitis actionImage: Second stressSkin irritationImage: Second stressDermatitis action stressImage: Second stressSkin irritationImage: Second stressDermatitis action stressImage: Second stressSkin irritationIma	
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Henoch-Schonlein purpura2Petechiae2Purpura2	2
Petechiae Purpura 2	
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•	4
•	2
Rashes, eruptions and exanthems NEC	
Rash 42	5
Rash erythematous 52	
Rash macular 10	
	4
Rash morbilliform 110	-

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Rash papular	27	0
Rash pruritic	16	0
Rash rubelliform	3	0
Rash scarlatiniform	1	0
Rash vesicular	4	0
Skin vasomotor conditions		
Livedo reticularis	3	0
Urticarias		
Mechanical urticaria	1	0
Urticaria	39	0
Skin disorders SOC TOTAL	940	0

Name: MMR Vaccine Analysis Print

 Report Run Date: 14-Nov-2023
 Data Lock Date: 13-Nov-2023 18:30:03

 Earliest Reaction Date: 20-Jun-1990
 MedDRA Version: MedDRA 26.1

 Reaction Name
 Total Fatal

 Social circumstances
 Image: Complexity of the section of

Social circumstances		
Disability issues		
Bedridden	1	0
Immobile	3	0
Social circumstances SOC TOTAL	4	0

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023			
Earliest Reaction Date: 20-Jun-1990	MedDRA Version: MedDRA 26.1		
Reaction Name		Total	Fatal
Surgical & medical procedures			
Hormonal therapeutic procedures NEC			
Steroid therapy		1	0
Surgical & medical procedures SOC TOTAL		1	0

Name: MMR Vaccine Analysis Print

Report Run Date: 14-Nov-2023 Earliest Reaction Date: 20-Jun-1990

Reaction Name	Total	Fatal
Vascular disorders		
Arterial infections and inflammations		
Kawasaki's disease	2	(
Circulatory collapse and shock		
Shock	1	(
Peripheral vascular disorders NEC		
Cyanosis	6	(
Flushing	3	(
Hot flush	1	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	1	0
Poor peripheral circulation	1	(
Site specific vascular disorders NEC		
Pallor	11	(
Vascular hypertensive disorders NEC		
Hypertension	2	(
Vascular hypotensive disorders		
Hypotension	1	(
Vascular disorders SOC TOTAL	29	(
TOTAL REACTIONS FOR DRUG	4105	12
TOTAL REPORTS	1424	
TOTAL FATAL OUTCOME REPORTS		12