Report Run Date: 05-Jan-2024

Data Lock Date: 03-Jan-2024 18:30:03

Earliest Reaction Date: 27-Jan-2015 MedDRA Version: MedDRA 26.1

FOI 23/947: 6-in-1

vaccine:

All UK spontaneous suspected Adverse Drug Reaction (ADR) reports associated with the 6-in-1 vaccine from 01/01/2017 up to and including 31/12/2023

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Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Blood disorders		
Leukocytoses NEC		
Lymphocytic infiltration	1	0
Lymphatic system disorders NEC		
Lymphadenopathy	3	0
Marrow depression and hypoplastic anaemias		
Myelosuppression	1	0
Neutropenias		
Neutropenia	1	0
Thrombocytopenias		
Immune thrombocytopenia	3	0
Thrombocytopenia	1	0
Blood disorders SOC TOTAL	10	0

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Cardiac disorders		
Rate and rhythm disorders NEC		
Bradycardia		2 0
Tachycardia		3 o
Ventricular arrhythmias and cardiac arrest		
Cardiac arrest	,	1 1
Cardiac arrest neonatal	,	1 1
Cardio-respiratory arrest	(3 2
Ventricular fibrillation	,	1 0
Cardiac disorders SOC TOTAL	10	sl 4

Name: FOI 23/947: 6-in-1 vaccine

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Reaction Name	Total	Fatal
Congenital disorders		
Oral cavity disorders congenital NEC		
Tethered oral tissue	1	0
Congenital disorders SOC TOTAL	1	l ol

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Name: FOI 23/947: 6-in-1 vaccine

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Reaction Name	Total	Fatal
Ear disorders		
Ear disorders NEC		
Ear pain	1	0
Ear swelling	4	. 0
Ear disorders SOC TOTAL	5	0

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Reaction Name	Total	Fatal
Eye disorders		
Cataract conditions		
Cataract	1	0
Conjunctival and corneal bleeding and vascular disorders		
Conjunctival haemorrhage	1	0
Ocular bleeding and vascular disorders NEC		
Eye haemorrhage	1	0
Ocular disorders NEC		
Dark circles under eyes	1	0
Eye oedema	1	0
Eye swelling	1	0
Ocular discomfort	1	0
Ocular infections, inflammations and associated manifestations		
Ocular hyperaemia	1	0
Ocular nerve and muscle disorders		
Eye movement disorder	3	0
Gaze palsy	3	0
Strabismus	1	0
Ocular sensation disorders		
Photophobia	1	0
Pupil disorders		
Miosis	1	0
Mydriasis	1	0
Visual disorders NEC		
Vision blurred	1	0
Visual impairment and blindness (excl colour blindness)		
Visual impairment	1	0
Eve disorders SOC TOTAL	20	0

Earliest Reaction Date: 27-Jan-2015	MedDRA Version: MedDRA 26.1	
Reaction Name	Total	<u> Fatal</u>
Gastrointestinal disorders		
Diarrhoea (excl infective)		
Diarrhoea	51	0
Diarrhoea haemorrhagic	1	0
Dyspeptic signs and symptoms		
Dyspepsia	2	2 0
Faecal abnormalities NEC		
Abnormal faeces	5	0
Faecaloma	1	0
Faeces discoloured	11	0
Faeces hard	1	ı l 0
Faeces pale	1	ıl o
Mucous stools	3	3 o
Flatulence, bloating and distension		
Abdominal distension	1	0
Flatulence	7	
Gastrointestinal and abdominal pains (e		
Abdominal pain	11	0
Abdominal pain upper	14	1
Gastrointestinal pain	1	il ő
Gastrointestinal atonic and hypomotility	disorders NFC	il "
Constipation	13	3 0
Gastrooesophageal reflux disease	7	0
Gastrointestinal disorders NEC	<i>'</i>	1 ,
Gastrointestinal disorder	2	0
Gastrointestinal dyskinetic disorders		1 "
Infant dyschezia	1	0
Gastrointestinal signs and symptoms N		'l '
Abdominal discomfort		ا ا
Gastrointestinal spastic and hypermotili		
Frequent bowel movements	y disorders	0
Gingival disorders, signs and symptoms		
Gingival discolouration	1	ا ا
Nausea and vomiting symptoms		1
Nausea and vorniting symptoms Nausea	3	
Retching	50	
Vomiting Vomiting projectile	16	1
		0
Non-site specific gastrointestinal haemo Haematochezia	innages 6	
Oral dryness and saliva altered		0
	1	
Salivary hypersecretion		0
Oral pain	1	
Oral pain		0
Oral soft tissue swelling and oedema		
Lip swelling	2	0
Salivary gland enlargements		
Salivary gland enlargement	1	0
Stomatitis and ulceration		
Stomatitis	1	0
Tongue signs and symptoms		
Protrusion tongue	1	0
Gastrointestinal disorders SOC TOTAL	228	3 0

Earliest Reaction Date: 27-Jan-2015	MedDRA Version: MedDRA 26.1	
Reaction Name	Total	<u>Fatal</u>
General disorders		
Asthenic conditions		
Asthenia	7	0
Decreased activity	1	0
Fatigue	8	0
Malaise	14	0
Body temperature altered		
Hyperthermia	1	0
Death and sudden death		
Death	7	7
Sudden death	4	4
Sudden infant death syndrome	4	4
Febrile disorders		
Pyrexia	144	0
Feelings and sensations NEC		
Chills	6	0
Feeling abnormal	1	0
Feeling cold	1	0
Feeling hot	5	0
Thirst decreased	2	2 0
Gait disturbances		
Gait disturbance	2	2 0
Gait inability	1	0
General signs and symptoms NEC		
Condition aggravated	2	2 0
Crying	75	0
Developmental delay	2	2 0
Developmental regression	1	0
Glassy eyes	3	0
High-pitched crying	12	2 0
Illness	4	0
Induration	2	2 0
Influenza like illness	1	0
Moaning	2	2 0
Multiple organ dysfunction syndrome	1	0
Peripheral swelling	20	0
Screaming	23	0
Secretion discharge	1	0
Swelling	10	0
Swelling face	5	0
Inflammations		
Inflammation	10	0
Systemic inflammatory response syndrome	9 1	0
Injection site reactions		
Injection site discolouration	1	0
Injection site erythema	1	0
Injection site induration	1	0
Injection site mass	4	0
Injection site pain	1	0
Injection site pruritus	1	0
Injection site reaction	1	0
Injection site swelling	3	
Injection site vesicles	1	0
Oedema NEC		

Reaction Name	 Total	Fatal
General disorders General disorders cont'd		
Oedema	1	0
Oedema peripheral	1	0
Pain and discomfort NEC		
Axillary pain	1	0
Discomfort	7	0
Pain	25	0
Tenderness	2	0
Therapeutic and nontherapeutic responses		
Drug ineffective	1	0
Vaccination failure	5	0
Vaccination site reactions		
Extensive swelling of vaccinated limb	3	0
Vaccination site discomfort	1	0
Vaccination site erythema	15	0
Vaccination site haemorrhage	1	0
Vaccination site induration	2	0
Vaccination site inflammation	5	0
Vaccination site mass	12	0
Vaccination site pain	8	0
Vaccination site pruritus	1	0
Vaccination site rash	4	0
Vaccination site swelling	11	0
Vaccination site vesicles	1	0
Vaccination site warmth	3	0
General disorders SOC TOTAL	507	15

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Hepatic disorders		
Cholestasis and jaundice		
Jaundice	1	0
Jaundice cholestatic	1	l o
Hepatic disorders SOC TOTAL	2	0

Earliest Reaction Date: 27-Jan-2015 MedDRA Version: MedDRA 26.1		
Reaction Name	Total	Fatal
Immune system disorders		
Allergic conditions NEC		
Allergy to metals	1	0
Hypersensitivity	9	0
Allergies to foods, food additives, drugs and other chemicals		
Allergy to vaccine	2	0
Food allergy	4	0
Milk allergy	3	0
Anaphylactic and anaphylactoid responses		
Anaphylactic reaction	10	0
Anaphylactic shock	1	0
Atopic disorders		
Atopy	1	0
Seasonal allergy	1	0
Immune and associated conditions NEC		
Bacille Calmette-Guerin scar reactivation	2	0
Haemophagocytic lymphohistiocytosis	1	1
Immune system disorder	1	0
Immunodeficiency disorders NEC		
Immunodeficiency	1	0
Immune system disorders SOC TOTAL	37	1

Earliest Reaction Date: 27-Jan-2015	MedDRA Version: MedDRA 26.1		
Reaction Name	Tota	<u>al_</u>	<u>Fatal</u>
Infections			
Bacterial infections NEC			
Cellulitis		8	0
Meningitis bacterial		_1	0
Skin bacterial infection		1	0
Vaccination site cellulitis		_1	0
Bordetella infections			
Pertussis		2	0
Central nervous system and spinal infection	ns		
Meningitis		2	0
Meningitis aseptic		2	0
Ear infections			
Ear infection		1	0
Enteroviral infections NEC			
Meningitis enteroviral		1	0
Haemophilus infections			
Haemophilus infection		4	0
Meningitis haemophilus		_1	0
Infections NEC			
Abscess		3	0
Abscess limb		2	0
Infection		2	0
Vaccination site abscess		1	0
Vaccination site infection		2	0
Influenza viral infections			
Influenza		_1	0
Lower respiratory tract and lung infections			
Bronchitis		_1	0
Lower respiratory tract infection		1	0
Pneumonia		_1	0
Pneumonia aspiration		1	0
Sepsis, bacteraemia, viraemia and fungae	mia NEC		
Sepsis		1	0
Skin structures and soft tissue infections			
Eczema infected		1	0
Skin infection		3	0
Staphylococcal infections			
Staphylococcal infection		_1	0
Upper respiratory tract infections			
Croup infectious		_1	0
Nasopharyngitis		1	0
Tonsillitis		_1	0
Urinary tract infections			
Urinary tract infection		2	0
Viral infections NEC			
Bronchiolitis		3	0
Viral rash		1	0
Infections SOC TOTAL		54	0

Earliest Reaction Date: 27-Jan-2015 MedDRA Version: MedDRA 26.1		
Reaction Name	<u> Total</u>	<u>Fatal</u>
<u>Injuries</u>		
Exposures associated with pregnancy, delivery and lactation		
Exposure via breast milk	1	0
Foetal exposure during pregnancy	2	0
Maternal exposure during breast feeding	1	0
Medication errors, product use errors and issues NEC		
Medication error	6	0
Product use in unapproved indication	1	0
Wrong technique in product usage process	3	0
Muscle, tendon and ligament injuries		
Muscle injury	2	0
Non-site specific injuries NEC		
Wound secretion	1	0
Overdoses NEC		
Overdose	1	0
Product administration errors and issues		
Accidental overdose	1	0
Inappropriate schedule of product administration	1	0
Incorrect dose administered	6	0
Incorrect route of product administration	1	0
Product administered at inappropriate site	1	0
Product administered to patient of inappropriate age	3	0
Product preparation errors and issues		
Product preparation error	1	0
Product preparation issue	6	0
Product prescribing errors and issues		
Product prescribing error	1	0
Product storage errors and issues in the product use system		
Product storage error	1	0
Skin injuries NEC		
Contusion	7	0
Scratch	1	0
Skin injury	1	0
Injuries SOC TOTAL	49	

Earliest Reaction Date. 27-Jan-2015 MedDRA Version, MedDRA 20.1		
Reaction Name	<u> Total </u>	<u>Fatal</u>
Investigations		
Blood gas and acid base analyses		
Oxygen saturation decreased	2	0
Cardiac function diagnostic procedures		
Cardiac output decreased	1	0
Heart rate and pulse investigations		
Heart rate decreased	1	0
Heart rate increased	2	0
Pulse abnormal	1	0
Hepatobiliary function diagnostic procedures		
Alanine aminotransferase increased	1	0
Immunoglobulin analyses		
Blood immunoglobulin G increased	2	0
Mineral and electrolyte analyses		
Blood magnesium decreased	1	0
Physical examination procedures and organ system status		
Body temperature abnormal	1	0
Body temperature decreased	1	0
Body temperature fluctuation	1	0
Body temperature increased	9	0
Breath sounds abnormal	1	0
Respiratory rate decreased	1	0
Respiratory rate increased	4	0
Protein analyses NEC		
C-reactive protein increased	2	0
Red blood cell analyses		
Haemoglobin decreased	1	0
Urinary tract function analyses NEC		
Urine output decreased	3	0
White blood cell analyses		
Lymphocyte count increased	1	0
Investigations SOC TOTAL	36	0

Reaction Name	Total	Fatal
Metabolic disorders		
Appetite disorders		
Appetite disorder	1	0
Decreased appetite	29	0
Food refusal	2	0
Hypophagia	2	0
Increased appetite	1	0
Fluid intake decreased		
Fluid intake reduced	4	0
Food malabsorption and intolerance syndromes (excl sugar intolerance)		
Dairy intolerance	1	0
Food intolerance	2	0
General nutritional disorders NEC		
Feeding disorder	1	0
Food aversion	1	0
Poor feeding infant	21	0
Weight gain poor	1	0
Metabolic acidoses (excl diabetic acidoses)		
Lactic acidosis	1	0
Metabolic acidosis	1	0
Total fluid volume decreased		
Dehydration	1	0
Metabolic disorders SOC TOTAL	69	0

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Earliest Reaction Date: 27-Jan-2015	MedDRA Version: MedDRA 26.1	
Reaction Name	Total	Fatal
Muscle & tissue disorders	Total	1
Joint related disorders NEC		
Periarthritis		1 0
Joint related signs and symptoms		
Joint swelling		2 0
Muscle related signs and symptoms NEC		
Muscle spasms		4 0
Muscle tightness		1 0
Muscle twitching		2 0
Muscle tone abnormalities		
Floppy infant	1	8 0
Muscle rigidity		2 0
Muscle weakness conditions		
Muscular weakness		2 0
Musculoskeletal and connective tissue condi	tions NEC	
Infantile back arching		4 0
Limb mass		1 0
Musculoskeletal stiffness		5 0
Posture abnormal		1 0
Weight bearing difficulty		2 0
Musculoskeletal and connective tissue pain a	and discomfort	
Flank pain		1 0
Musculoskeletal pain		1 0
Pain in extremity	1	0 0
Soft tissue disorders NEC		
Groin pain		1 0
Muscle & tissue disorders SOC TOTAL	5	58l O

Earliest Reaction Date: 27-Jan-2015 MedDRA Version: MedDRA 26.1		
Reaction Name	<u> Total</u>	<u>Fatal</u>
Nervous system disorders		
Absence seizures		
Petit mal epilepsy	4	0
Coordination and balance disturbances		
Balance disorder	2	0
Nystagmus	1	0
Cortical dysfunction NEC		
Aphasia	1	0
Disturbances in consciousness NEC		
Depressed level of consciousness	1	0
Lethargy	10	0
Loss of consciousness	3	0
Postictal state	1	0
Somnolence	32	0
Syncope	4	0
Dyskinesias and movement disorders NEC		
Dyskinesia	8	0
Movement disorder	1	0
Psychomotor hyperactivity	1	0
Eye movement disorders		
VIth nerve paralysis	1	0
Generalised tonic-clonic seizures		
Generalised tonic-clonic seizure	5	0
Headaches NEC		
Headache	2	0
Intellectual disabilities		
Intellectual disability	1	0
Mental impairment (excl dementia and memory loss)		
Cognitive disorder	1	0
Mental impairment	1	0
Muscle tone abnormal		
Hypotonia	9	0
Narcolepsy and hypersomnia		
Hypersomnia	1	0
Nervous system disorders NEC		
Nervous system disorder	1	0
Neurological signs and symptoms NEC		
Dizziness	1	0
Hyporesponsive to stimuli	3	
Infant irritability	1	0
Myoclonus	1	0
Neurological symptom	1	
Slow response to stimuli	1	0
Unresponsive to stimuli	26	
Neuromuscular disorders NEC		
Hypotonic-hyporesponsive episode	18	0
Muscle spasticity	1	0
Paralysis and paresis (excl cranial nerve)		
Paralysis	1	0
Seizures and seizure disorders NEC	'	
Epilepsy	1	0
Epileptic encephalopathy	1	0
Febrile convulsion	11	0
Infantile spasms	3	

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Nervous system disorders us system disorders cont'd		
Seizure	18	0
Status epilepticus	1	0
Sleep disturbances NEC		
Sudden onset of sleep		0
Speech and language abnormalities		
Dysarthria		0
Speech disorder	2	0
Tremor (excl congenital)		
Tremor	4	· 0
Nervous system disorders SOC TOTAL	188	sl o

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Pregnancy conditions		
Gestational age and weight conditions		
Poor weight gain neonatal	1	0
Pregnancy conditions SOC TOTAL	1	l o

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	<u>Total</u>	Fatal
Product quality issues NEC		
Product quality issue	5	0
null SOC TOTAL	5	sl ol

Psychiatric disorders	Earliest Reaction Date: 27-Jan-2015 MedDRA Version: MedDRA 26.1		
Abnormal behaviour NEC	Reaction Name	<u> Total</u>	<u>Fatal</u>
Abnormal behaviour Behaviour disorder Behaviour disorder 1			
Behaviour disorder Straing Staring A O O	Abnormal behaviour NEC		
Breath holding Staring Staring A	Abnormal behaviour	8	0
Staring	Behaviour disorder	1	0
Affect affect 1 0 Anxiety disorders NEC Separation anxiety disorder Anxiety disorders NEC Separation anxiety disorder Anxiety symptoms Agitation 6 0 Anxiety Nervousness Behaviour and socialisation disturbances Personality change 1 0 Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming 1 0 Communications disorders Communication disorder Mutism 1 0 Disturbances in initiating and maintaining sleep Insomnia 9 0 Insomnia 9 0 Insomnia 9 0 Middle insomnia 9 0 Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger 2 0 Emotional distress Irritability 44 0 Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia 1 0 Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest 1 0 Dereased interest 1 0 Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Sleep disorder Necutional self-injurious behaviour Intentional self-injurious behaviour	Breath holding	3	0
Flat affect	Staring	4	0
Anxiety disorders NEC Separation anxiety disorder Anxiety symptoms Agitation Anxiety Agitation Anxiety All Dervousness Behaviour and socialisation disturbances Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood atterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour	Affect alterations NEC		
Separation anxiety disorder Anxiety symptoms Agitation Anxiety Nervousness Behaviour and socialisation disturbances Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Restlessness Mood afterest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorders NEC Sleep disorders NEC Sleep disorder SP Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injury 1 0	Flat affect	1	0
Anxiety symptoms Agitation Agitation Agitation Anxiety Nervousness Behaviour and socialisation disturbances Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Dyssomnias Poor quality sleep Emotional distress Proor quality sleep Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Sleep S	Anxiety disorders NEC		
Agitation Anxiety Anxiety Anverousness Behaviour and socialisation disturbances Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Pera symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Auger Decreased eye contact Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injuroy 1 0	Separation anxiety disorder	1	0
Anxiety Nervousness Behaviour and socialisation disturbances Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Sleep disorders NEC Sleep disorder Sinjurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injury 1 0 0	Anxiety symptoms		
Nervousness Behaviour and socialisation disturbances Personality change 1	Agitation		0
Behaviour and socialisation disturbances Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood altereations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorder NEC Sleep disorder NEC Sleep disorder SE Sucidal and self-injurious behaviour Intentional self-injury 1 0 0 Sucidal and self-injurious behaviour Intentional self-injury 1 0 0 Sucidal and self-injurious behaviour Intentional self-injury 1 0 0	Anxiety	2	0
Personality change Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood adtereations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0 0	Nervousness	1	0
Social avoidant behaviour Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorder NEC Sleep disorder SEC Sucidal and self-injurious behaviour Intentional self-injurious behaviour	Behaviour and socialisation disturbances		
Cognitive and attention disorders and disturbances NEC Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious deferees 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Personality change	1	0
Daydreaming Communications disorders Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorder Speech articulation and rhythm disturbances Dysphemia Discidal and self-injurious behaviour Intentional self-injurious terms in a communication of the proper self-injurious personal incommunication in the proper self-injurious personal incommunica	Social avoidant behaviour	2	0
Communications disorders Communication disorder Mutism 1 0 Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Restlessness 14 0 Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder 8 Speech articulation and rhythm disturbances Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injurious behaviour	Cognitive and attention disorders and disturbances NEC		
Communication disorder Mutism Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Phonophobia Restlessness Mood alterest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eighorder Sleep disorder Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour Intentional self-injurious behaviour		1	0
Mutism	Communications disorders		
Disturbances in initiating and maintaining sleep Insomnia Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Phonophobia Phonophobia Increased physical activity levels Restlessness Mood alterest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorder NEC Sleep disorder	Communication disorder	1	0
Insomnia 9 0 0 Middle insomnia 1 0 0 Dyssomnias	Mutism	1	0
Middle insomnia Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Decreased eye contact Sleep disorder NEC Sleep disorder S	Disturbances in initiating and maintaining sleep		
Dyssomnias Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorders NEC Sleep disorder S	Insomnia	9	0
Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Phonophobia Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Increased mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Sleep disorders NEC Sleep disorder NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious behaviour	Middle insomnia	1	0
Poor quality sleep Emotional and mood disturbances NEC Anger Emotional distress Irritability Mood altered Phonophobia Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Increased mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Sleep disorders NEC Sleep disorder NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious behaviour	Dyssomnias		
Anger 2 0		5	0
Emotional distress Irritability Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder SPC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injurious behaviour	Emotional and mood disturbances NEC		
Irritability 44 00 Mood altered 1 0 Fear symptoms and phobic disorders (incl social phobia) Phonophobia 1 0 Increased physical activity levels Restlessness 14 00 Mood alterations with depressive symptoms Decreased interest 1 0 Depressed mood 1 0 Mood disorders NEC Listless 3 0 Panic attacks and disorders Panic reaction 1 0 Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Decreased eye contact 1 0 Sleep disorders NEC Sleep disorder 8 0 Speech articulation and rhythm disturbances Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injury 1 0	Anger	2	0
Mood altered Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Mood alterations with depressive symptoms Decreased interest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder NEC Intentional self-injurious behaviour Intentional self-injury 1 0	Emotional distress	4	0
Fear symptoms and phobic disorders (incl social phobia) Phonophobia Increased physical activity levels Restlessness Restlessness Decreased interest Depressed mood Increased mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Pesychiatric symptoms NEC Decreased eye contact Sleep disorder NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Irritability	44	0
Phonophobia Increased physical activity levels Restlessness Restlessness Decreased interest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Mood altered	1	0
Increased physical activity levels Restlessness 14 0 Mood alterations with depressive symptoms Decreased interest 1 0 Depressed mood 1 0 Mood disorders NEC Listless 3 0 Panic attacks and disorders Panic reaction 1 0 Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact 1 0 Sleep disorders NEC Sleep disorder 8 0 Speech articulation and rhythm disturbances Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injury 1 0	Fear symptoms and phobic disorders (incl social phobia)		
Restlessness 14 0 Mood alterations with depressive symptoms Decreased interest 1 0 Depressed mood 1 0 Mood disorders NEC Listless 3 0 Panic attacks and disorders Panic reaction 1 0 Pervasive developmental disorders NEC Autism spectrum disorder 2 0 Psychiatric symptoms NEC Decreased eye contact 1 0 Sleep disorders NEC Sleep disorders NEC Sleep disorder 8 0 Speech articulation and rhythm disturbances Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injury 1 0		1	0
Mood alterations with depressive symptomsDecreased interest10Depressed mood10Mood disorders NEC20Listless30Panic attacks and disorders10Pervasive developmental disorders NEC0Autism spectrum disorder20Psychiatric symptoms NEC20Decreased eye contact10Sleep disorders NEC10Sleep disorder80Speech articulation and rhythm disturbances0Dysphemia10Suicidal and self-injurious behaviour10Intentional self-injury10	Increased physical activity levels		
Decreased interest Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Restlessness	14	0
Depressed mood Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Mood alterations with depressive symptoms		
Mood disorders NEC Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Decreased interest	1	0
Listless Panic attacks and disorders Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Depressed mood	1	0
Panic attacks and disordersPanic reaction10Pervasive developmental disorders NECAutism spectrum disorder20Psychiatric symptoms NECDecreased eye contact10Sleep disorders NEC30Sleep disorder80Speech articulation and rhythm disturbances0Dysphemia10Suicidal and self-injurious behaviour10Intentional self-injury10	Mood disorders NEC		
Panic reaction Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Listless	3	0
Pervasive developmental disorders NEC Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 2 0 5 0 8 0 1 0 8 0 9 0 9 0 9 0 9 0 9 0 9 0 9	Panic attacks and disorders		
Autism spectrum disorder Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 2 0 8 0 1 0 5 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	Panic reaction	1	0
Psychiatric symptoms NEC Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injury 1 0	Pervasive developmental disorders NEC		
Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Autism spectrum disorder	2	0
Decreased eye contact Sleep disorders NEC Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0	Psychiatric symptoms NEC		
Sleep disorders NEC Sleep disorder 8 0 Speech articulation and rhythm disturbances Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injury 1 0		1	0
Sleep disorder Speech articulation and rhythm disturbances Dysphemia Suicidal and self-injurious behaviour Intentional self-injury 1 0			
Speech articulation and rhythm disturbancesDysphemia10Suicidal and self-injurious behaviour10Intentional self-injury10		8	0
Dysphemia 1 0 Suicidal and self-injurious behaviour Intentional self-injury 1 0			
Suicidal and self-injurious behaviour Intentional self-injury 1 0		1	0
Intentional self-injury 1 0			
		1	0
	Tic disorders		

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Psychiatric disorders Psychiatric disorders cont'd		
Tic	2	0
Psychiatric disorders SOC TOTAL	135	l o

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Renal & urinary disorders		
Renal failure and impairment		
Acute kidney injury	1	0
Anuria	1	0
Renal & urinary disorders SOC TOTAL	2	el o

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Reproductive & breast disorders		
Reproductive tract disorders NEC (excl neoplasms)		
Genital blister	•	0
Testicular and epididymal disorders NEC		
Testicular pain		0 ا
Testicular swelling	/	ı o
Reproductive & breast disorders SOC TOTAL		sl o

Earliest Reaction Date: 27-Jan-2015 MedDRA Version: MedDRA 26.1		
Reaction Name	<u> Total</u>	<u>Fatal</u>
Respiratory disorders		
Breathing abnormalities		
Apnoea	12	c
Dyspnoea	15	
Hypopnoea	4	(
Irregular breathing	1	
Respiration abnormal	3	(
Respiratory arrest	4	
Respiratory distress	2	(
Tachypnoea	1	
Bronchospasm and obstruction		
Wheezing	3	
Conditions associated with abnormal gas exchange		
Cyanosis central	1	
Respiratory acidosis	1	(
Coughing and associated symptoms		
Cough	12	(
Haemoptysis	1	
Productive cough	3	(
Sputum discoloured	1	
Laryngeal spasm, oedema and obstruction		
Stridor	2	
Lower respiratory tract signs and symptoms		
Hiccups	1	(
Nasal congestion and inflammations		
Nasal congestion	1	
Nasal disorders NEC		
Epistaxis	3	
Neonatal hypoxic conditions		
Brief resolved unexplained event	1	C
Infantile apnoea	3	ı
Neonatal hypoxia	1	C
Paranasal sinus disorders (excl infections and neoplasms)		
Sinus congestion	1	C
Respiratory signs and symptoms NEC		
Use of accessory respiratory muscles	1	
Upper respiratory tract signs and symptoms		
Choking	1	(
Dysphonia	1	
Oropharyngeal pain	2	
Rhinorrhoea	4	
Respiratory disorders SOC TOTAL	86	

Earliest Reaction Date: 27-Jan-2015 MedDRA Versi	ion: MedDRA 26.1	
Reaction Name	Total	Fatal
Skin disorders		
Apocrine and eccrine gland disorders		
Cold sweat	2	0
Hyperhidrosis	3	0
Bullous conditions		
Blister	4	0
Dermatitis bullous	1	0
Pemphigoid	1	0
Dermal and epidermal conditions NEC		
Dry skin	4	0
Papule	3	0
Skin burning sensation	1	0
Skin discolouration	13	0
Skin disorder	1	0
Skin induration	2	0
Skin lesion	1	0
Skin plaque	1	0
Skin reaction	2	0
Skin warm	2	0
	,	-
Skin weeping Dermatitis and eczema	'	0
	4	0
Dermatitis	1	0
Dermatitis allergic	4	0
Dermatitis atopic	3	0
Dermatitis diaper	1	0
Eczema	12	0
Eczema asteatotic	1	0
Eczema infantile	1	0
Dermatitis ascribed to specific agent		
Palmar-plantar erythrodysaesthesia syndrome	1	0
Erythemas		
Erythema	38	0
Exfoliative conditions		
Skin exfoliation	1	0
Pruritus NEC		
Pruritus	7	0
Purpura and related conditions		
Petechiae	15	
Purpura	4	0
Rashes, eruptions and exanthems NEC		
Rash	68	0
Rash erythematous	17	0
Rash macular	17	0
Rash papular	7	0
Rash pruritic	3	0
Rash vesicular	5	0
Skin and subcutaneous conditions NEC		
Skin mass	1	0
Skin and subcutaneous tissue ulcerations		
Skin erosion	1	0
Skin vasomotor conditions		
Livedo reticularis	12	0
Urticarias		
Urticaria	23	0

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Skin disorders Skin disorders cont'd		
Urticaria chronic	1	0
Urticaria pressure	1	0
Skin disorders SOC TOTAL	292	l o

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Surgical & medical procedures		
Therapeutic procedures NEC		
Injection	1	0
Surgical & medical procedures SOC TOTAL	1	l o

Name: FOI 23/947: 6-in-1 vaccine

Reaction Name	Total	Fatal
Vascular disorders		
Arterial infections and inflammations		
Kawasaki's disease	1	1
Circulatory collapse and shock		
Circulatory collapse	3	0
Haemorrhages NEC		
Haemorrhage	1	0
Non-site specific necrosis and vascular insufficiency NEC		
Fibromuscular dysplasia	1	0
Peripheral vascular disorders NEC		
Cyanosis	11	0
Flushing	1	0
Peripheral vasoconstriction, necrosis and vascular insufficiency		
Peripheral coldness	5	0
Poor peripheral circulation	1	0
Site specific vascular disorders NEC		
Pallor	45	0
Vascular hypertensive disorders NEC		
Hypertension	1	0
Vascular disorders SOC TOTAL	70	1
TOTAL REACTIONS FOR DRUG	1875	21
TOTAL REPORTS	688	
TOTAL FATAL OUTCOME REPORTS		21