

COVID-19 Vaccine AstraZeneca

<https://yellowcard.mhra.gov.uk/idaps/CHADOXI%20NCOV-19>

COVID-19 Vaccine Pfizer/BioNTech monovalent

<https://yellowcard.mhra.gov.uk/idaps/TOZINAMERAN>

COVID-19 Vaccine Pfizer/BioNTech bivalent

<https://yellowcard.mhra.gov.uk/idaps/RILTOZINAMERAN%20AND%20TOZINAMERAN>

COVID-19 Vaccine Moderna monovalent

<https://yellowcard.mhra.gov.uk/idaps/ELASOMERAN>

COVID-19 Vaccine Moderna bivalent

<https://yellowcard.mhra.gov.uk/idaps/ELASOMERAN%20AND%20IMELASOMERAN>

COVID-19 Vaccine Novavax

<https://yellowcard.mhra.gov.uk/idaps/SARS-COV-2%20RS>

COVID-19 Vaccine - brand unspecified or not in routine use in the UK

<https://yellowcard.mhra.gov.uk/idaps/SARS-COV-2%20VIRUS>



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
17 ketosteroids urine decreased	1	- X						
Abdomen crushing	3	- X						
Abdominal abscess	3	-			X			
Abdominal adhesions	4	- X			X			
Abdominal bruit	1	- X						
Abdominal discomfort	2,786	- X	X	X	X	X	X	
Abdominal distension	1,607	- X	X	X	X	X	X	
Abdominal hernia	4	- X			X			
Abdominal infection	4	- X			X			
Abdominal injury	1	- X						
Abdominal lymphadenopathy	5	- X			X			
Abdominal mass	7	- X			X		X	
Abdominal migraine	5	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Abdominal pain	7,076	1	X	X	X	X	X	
Abdominal pain lower	479	-	X	X	X	X	X	
Abdominal pain upper	10,301	-	X	X	X	X	X	
Abdominal rigidity	99	-	X	X	X	X	X	
Abdominal sepsis	2	-	X					
Abdominal symptom	10	-	X	X				
Abdominal tenderness	48	-	X	X			X	
Abdominal wall haematoma	2	-			X			
Abdominal wall infection	1	-	X					
Abnormal behaviour	70	-	X		X		X	
Abnormal clotting factor	18	-	X		X		X	
Abnormal dreams	683	-	X	X	X	X	X	
Abnormal faeces	56	-	X	X	X	X	X	
Abnormal loss of weight	180	-	X	X	X	X	X	
Abnormal menstrual clots	6	-	X	X	X		X	
Abnormal organ growth	1	-			X			
Abnormal sensation in eye	60	-	X		X		X	
Abnormal sleep-related event	4	-	X		X		X	
Abnormal uterine bleeding	23	-	X	X	X		X	
Abnormal weight gain	87	-	X		X		X	
Abnormal withdrawal bleeding	9	-	X		X			
Aborted pregnancy	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Abortion	2	-			X			
Abortion induced	3	-	X		X			
Abortion missed	8	-	X		X			
Abortion spontaneous	934	-	X	X	X	X	X	
Abortion threatened	2	-			X			
Abscess	102	-	X		X		X	
Abscess bacterial	3	-	X		X			
Abscess drainage	1	-			X			
Abscess jaw	2	-	X		X			
Abscess limb	36	-	X		X		X	
Abscess neck	1	-			X			
Abscess oral	12	-	X		X		X	
Abscess rupture	1	-					X	
Abscess soft tissue	3	-	X		X			
Abscess sweat gland	1	-			X			
Abulia	1	-	X					
Acanthosis	1	-	X					
Acarodermatitis	18	-	X		X		X	
Accelerated hypertension	5	-	X	X	X	X		
Accelerated idioventricular rhythm	1	-				X		
Accident	2	-			X			
Accidental exposure to product	50	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Accidental exposure to product packaging	1	-	X					
Accidental overdose	86	-	X		X		X	
Accidental underdose	4	-	X				X	
Accommodation disorder	2	-			X		X	
Acetonaemic vomiting	1	-	X					
Acetylcholinesterase deficiency	1	-			X			
Achenbach syndrome	17	-	X		X	X		
Achlorhydria	1	-	X					
Acid base balance abnormal	1	-			X			
Acidosis	10	-	X		X	X		
Acinetobacter infection	2	-	X		X			
Acne	429	-	X	X	X		X	
Acne cystic	42	-	X		X		X	
Acne pustular	2	-			X		X	
Acne varioliformis	1	-	X					
Acoustic neuroma	10	-	X		X			
Acoustic stimulation tests	13	-	X		X			
Acquired amegakaryocytic thrombocytopenia	1	-			X			
Acquired antithrombin III deficiency	1	-			X			
Acquired cystic kidney disease	1	-	X					
Acquired diaphragmatic eventration	3	-	X		X			
Acquired factor VIII deficiency	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Acquired haemophilia	8	-	X		X			
Acquired hydrocele	1	-			X			
Acquired immunodeficiency syndrome	3	-	X		X			
Acquired macroglossia	1	-	X					
Acquired oesophageal web	1	-	X					
Acquired syringomyelia	2	-	X		X			
Acral lentiginous melanoma stage III	1	-	X					
Acral peeling skin syndrome	2	-			X	X		
Acrochordon	18	-	X		X		X	
Acrophobia	2	-	X					
Actinic keratosis	4	-	X		X			
Actinic prurigo	1	-			X			
Action tremor	6	-	X		X			
Activated partial thromboplastin time	1	-	X					
Activated partial thromboplastin time abnormal	1	-	X					
Activated partial thromboplastin time prolonged	138	-	X		X			
Activated partial thromboplastin time shortened	1	-			X			
Acute abdomen	27	-	X		X		X	
Acute aortic syndrome	2	-	X		X			
Acute cardiac event	10	2	X		X			
Acute chest syndrome	1	-			X			
Acute coronary syndrome	26	1	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Acute disseminated encephalomyelitis	31	-	X	X	X	X		
Acute encephalitis with refractory, repetitive partial seizures	1	-	X					
Acute endocarditis	2	-	X					
Acute febrile neutrophilic dermatosis	9	-	X		X		X	X
Acute flaccid myelitis	1	-	X					
Acute generalised exanthematous pustulosis	4	-	X		X			
Acute hepatic failure	5	-	X		X		X	
Acute kidney injury	162	5	X	X	X	X	X	
Acute left ventricular failure	3	2	X	X	X			
Acute leukaemia	2	-			X			
Acute lung injury	1	-	X					
Acute lymphocytic leukaemia	-	1	X					
Acute macular neuroretinopathy	12	-	X		X		X	
Acute motor axonal neuropathy	10	-	X		X			
Acute motor-sensory axonal neuropathy	1	-			X			
Acute myeloid leukaemia	7	3	X	X	X			
Acute myocardial infarction	120	22	X	X	X	X	X	
Acute on chronic liver failure	1	-					X	
Acute polyneuropathy	3	-	X					
Acute psychosis	9	-	X		X		X	
Acute pulmonary oedema	7	-	X		X		X	
Acute respiratory distress syndrome	4	1	X		X			

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Acute respiratory failure	4	3	X		X			
Acute sinusitis	15	-	X		X		X	
Acute stress disorder	5	-	X				X	
Acute vestibular syndrome	2	-			X			
Acute yellow liver atrophy	1	-	X					
Adams-Stokes syndrome	1	-	X					
ADAMTS13 activity abnormal	1	-	X					
ADAMTS13 activity decreased	2	-	X		X			
Addison's disease	11	1	X		X			
Adenocarcinoma	2	-	X					
Adenocarcinoma metastatic	1	-			X			
Adenoidal disorder	1	-			X			
Adenomyosis	32	-	X	X	X		X	
Adenoviral conjunctivitis	1	-			X			
Adenovirus infection	2	-	X		X			
Adhesion	1	-			X			
Adjustment disorder	2	-	X		X			
Adjustment disorder with depressed mood	11	-	X		X			
Adjustment disorder with mixed anxiety and depressed mood	2	-	X					
Administration related reaction	3	-	X		X			
Administration site bruise	31	-	X		X	X	X	
Administration site cellulitis	5	-	X		X		X	

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Administration site coldness	1	-	X					
Administration site erythema	12	-	X		X		X	
Administration site extravasation	5	-	X		X		X	
Administration site haematoma	3	-			X			
Administration site haemorrhage	1	-	X					
Administration site indentation	1	-	X					
Administration site induration	1	-	X					
Administration site inflammation	1	-			X			
Administration site injury	1	-	X					
Administration site irritation	2	-	X		X			
Administration site joint discomfort	2	-			X			
Administration site joint movement impairment	3	-	X		X			
Administration site joint pain	1	-			X			
Administration site lymphadenopathy	1	-					X	
Administration site mass	1	-	X					
Administration site movement impairment	1	-	X					
Administration site nerve damage	1	-			X			
Administration site pain	68	-	X		X		X	
Administration site rash	10	-	X		X			
Administration site reaction	9	-	X		X		X	
Administration site swelling	8	-	X		X			
Administration site urticaria	7	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Administration site warmth	5	-	X		X		X	
Adnexa uteri mass	1	-			X			
Adnexa uteri pain	145	-	X		X		X	
Adnexal torsion	1	-			X			
Adrenal disorder	8	-	X		X			
Adrenal gland cancer	1	-			X			
Adrenal haematoma	2	-	X					
Adrenal haemorrhage	13	-	X		X			
Adrenal insufficiency	30	-	X		X		X	
Adrenal mass	4	-	X		X			
Adrenal thrombosis	2	-	X					
Adrenalectomy	2	-	X		X			
Adrenocortical insufficiency acute	60	-	X	X	X		X	
Adrenomegaly	2	-	X					
Advanced sleep phase	1	-	X					
Adverse drug reaction	1,217	-	X	X	X	X	X	X
Adverse event	18	-	X		X			X
Adverse event following immunisation	11	-	X		X		X	
Adverse food reaction	11	-	X	X	X			
Adverse reaction	28	-	X	X	X	X	X	
Aerophagia	5	-	X		X			
Affect lability	34	-	X	X	X		X	

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Affective disorder	11	-	X	X	X		X	
African trypanosomiasis	14	-	X		X	X		
Age-related macular degeneration	1	-			X			
Ageusia	1,978	-	X	X	X	X	X	X
Aggression	44	-	X		X		X	
Agitated depression	13	-	X	X	X			
Agitation	382	-	X	X	X	X	X	
Agitation neonatal	3	-	X		X		X	
Agonal respiration	5	-	X	X	X		X	
Agoraphobia	9	-	X		X			
Agranulocytosis	4	-	X					
Agraphia	1	-	X					
Air embolism	1	-	X					
Airway burns	2	-	X		X			
Airway complication of anaesthesia	4	-	X		X			
Airway peak pressure increased	1	-			X			
Airway secretion clearance therapy	2	-	X		X			
Akathisia	19	-	X		X		X	
Akinesia	3	-	X		X			
Alanine aminotransferase	1	-			X			
Alanine aminotransferase decreased	1	-	X					
Alanine aminotransferase increased	70	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Alanine aminotransferase normal	1	-	X					
Albumin urine	1	-			X			
Albuminuria	1	-			X			
Alcohol abuse	2	-	X					
Alcohol interaction	7	-			X		X	
Alcohol intolerance	29	-	X	X	X		X	
Alcohol poisoning	4	-	X		X			
Alcohol problem	1	-			X			
Alcohol use disorder	3	-	X					
Alcohol withdrawal syndrome	1	-	X					
Alcoholic	4	-	X					
Alcoholic hangover	2	-	X		X			
Alcoholic pancreatitis	1	-			X			
Alcoholic seizure	1	-	X					
Alcoholism	9	-	X		X		X	
Alexia	9	-	X		X			
Alice in wonderland syndrome	4	-	X				X	
Allergic cough	22	-	X	X	X		X	
Allergic hepatitis	1	-	X					
Allergic oedema	47	-	X	X	X		X	
Allergic reaction to excipient	10	-	X		X			
Allergic respiratory disease	4	-	X		X		X	

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Allergic respiratory symptom	17	-	X		X			
Allergic sinusitis	5	-	X		X			
Allergy alert test	6	-	X		X		X	
Allergy alert test positive	2	-			X		X	
Allergy to animal	4	-	X		X		X	
Allergy to arthropod bite	8	-	X		X			
Allergy to arthropod sting	6	-	X		X			
Allergy to chemicals	22	-	X		X		X	
Allergy to metals	7	-	X		X	X	X	
Allergy to sting	2	-	X		X			
Allergy to vaccine	143	-	X		X	X	X	
Allergy to venom	1	-	X					
Allodynia	104	-	X	X	X		X	
Alopecia	1,376	-	X	X	X	X	X	
Alopecia areata	184	-	X	X	X	X	X	
Alopecia scarring	4	-	X		X			
Alopecia totalis	14	-	X	X	X		X	
Alopecia universalis	7	-	X		X			
Alpha 1 globulin decreased	1	-			X			
Alpha 2 globulin decreased	1	-			X			
Alpha tumour necrosis factor increased	1	-	X					
Alpha-1 antitrypsin deficiency	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Altered state of consciousness	37	-	X	X	X	X		
Altered visual depth perception	11	-	X		X			
Alveolar proteinosis	1	-	X					
Alveolitis	3	-	X		X			
Amalgam tattoo	1	-	X					
Amaurosis	1	-	X					
Amaurosis fugax	17	-	X		X		X	
Amblyopia	27	-	X	X	X		X	
Amegakaryocytic thrombocytopenia	1	-			X			
Amenorrhoea	1,556	-	X	X	X	X	X	
Amnesia	1,010	-	X	X	X	X	X	
Amniocentesis abnormal	1	-			X			
Amniorrhoea	2	-			X			
Amniotic cavity infection	2	-		X	X			
Amniotic fluid volume decreased	1	-			X			
Amplified musculoskeletal pain syndrome	1	-	X					
Amylase increased	3	-	X		X		X	
Amyloidosis	1	-				X		
Amyotrophic lateral sclerosis	8	-	X		X			
Anaemia	420	1	X	X	X	X	X	
Anaemia folate deficiency	4	-	X		X			
Anaemia macrocytic	3	-			X		X	

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Anaemia megaloblastic	1	-			X			
Anaemia vitamin B12 deficiency	27	-	X		X			
Anaesthesia	3	-	X					
Anaesthesia oral	12	-	X		X			
Anaesthetic complication	4	-	X				X	
Anaesthetic complication neurological	2	-	X		X			
Anal abscess	5	-	X		X			
Anal blister	3	-	X		X			
Anal cancer	1	-	X					
Anal candidiasis	6	-	X		X		X	
Anal eczema	1	-			X			
Anal erythema	1	-			X			
Anal fissure	4	-	X		X			
Anal fistula	1	-	X					
Anal haemorrhage	87	1	X	X	X	X	X	
Anal hypoaesthesia	9	-	X		X			
Anal incontinence	103	-	X	X	X	X	X	
Anal inflammation	3	-	X			X		
Anal paraesthesia	2	-	X					
Anal pruritus	13	-	X		X	X	X	
Anal rash	4	-	X		X		X	
Anal sex	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Anal spasm	2	-	X		X			
Anal sphincter atony	2	-			X		X	
Anal ulcer	3	-	X		X			
Analgesic drug level	31	-	X		X		X	
Analgesic drug level increased	1	-	X					
Analgesic drug level therapeutic	1	-	X					
Analgesic therapy	4	-	X		X		X	
Anamnestic reaction	1	-			X			
Anaphylactic reaction	1,497	3	X	X	X	X	X	X
Anaphylactic shock	215	-	X	X	X	X	X	
Anaphylactoid reaction	63	-	X	X	X		X	X
Anaphylactoid shock	8	-	X		X			
Anaphylaxis prophylaxis	5	-	X		X			
Anaphylaxis treatment	13	-	X		X	X	X	
Anaplastic thyroid cancer	1	-			X			
Anastomotic leak	1	-			X			
Anastomotic ulcer	1	-	X					
Androgen deficiency	1	-			X			
Androgenetic alopecia	4	-	X		X			
Anembryonic gestation	4	-	X		X			
Anencephaly	3	-	X		X			
Aneurysm	26	2	X	X	X			

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Aneurysm ruptured	4	-	X		X		X	
Anger	178	-	X	X	X	X	X	
Angina bullosa haemorrhagica	5	-	X		X			
Angina pectoris	800	1	X	X	X	X	X	
Angina unstable	31	-	X	X	X		X	
Angiocentric lymphoma	-	1			X			
Angiodermatitis	3	-	X		X			
Angioedema	829	-	X	X	X	X	X	X
Angioimmunoblastic T-cell lymphoma	1	-			X			
Angiopathy	10	-	X		X			
Angiosarcoma	1	-			X			
Angle closure glaucoma	9	-	X		X			
Angular cheilitis	18	-	X		X	X		
Anhedonia	7	-	X		X			
Anhidrosis	5	-	X		X			
Animal bite	1	-	X					
Animal scratch	1	-			X			
Anisocoria	30	-	X		X		X	
Anisocytosis	3	-	X					
Anisomastia	1	-	X					
Ankle fracture	5	-	X		X			
Ankle impingement	1	-	X					

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Ankylosing spondylitis	56	-	X	X	X		X	
Anogenital warts	14	-	X		X		X	
Anomalous pulmonary venous connection	1	-			X			
Anonychia	1	-	X					
Anorectal discomfort	20	-	X		X	X	X	
Anorectal infection	1	-			X			
Anorectal swelling	2	-	X		X			
Anorectal varices	1	-	X					
Anorgasmia	11	-	X		X			
Anosmia	853	-	X	X	X	X	X	X
Anosognosia	1	-		X				
Anovulatory cycle	100	-	X		X		X	
Antacid therapy	1	-	X					
Anterior capsule contraction	2	-	X					
Anti factor VIII antibody positive	1	-	X					
Antiallergic therapy	1	-	X					
Antibiotic therapy	2	-	X					
Antibody test	10	-	X		X			
Antibody test abnormal	10	-	X					
Antibody test negative	23	-	X		X		X	
Antibody test positive	5	-	X		X			
Anticholinergic syndrome	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Anticoagulant therapy	3	-	X		X			
Anticoagulation drug level above therapeutic	4	-	X		X			
Anticoagulation drug level below therapeutic	10	-	X		X			
Anticoagulation drug level increased	2	-	X		X			
Antidepressant drug level decreased	1	-	X					
Antidepressant therapy	1	-	X					
Anti-glomerular basement membrane disease	2	-	X		X			
Anti-HLA antibody test positive	1	-						
Antimitochondrial antibody positive	2	-	X					
Anti-Muellerian hormone level decreased	4	-	X					
Antineutrophil cytoplasmic antibody positive	4	-	X		X		X	
Anti-neutrophil cytoplasmic antibody positive vasculitis	6	1	X		X			
Antinuclear antibody	6	-	X		X			
Antinuclear antibody increased	3	-	X		X			
Antinuclear antibody positive	6	-	X		X			
Antiphospholipid antibodies	3	-	X					
Antiphospholipid antibodies positive	6	-	X					
Antiphospholipid syndrome	51	-	X	X	X	X	X	
Anti-platelet factor 4 antibody positive	1	-	X					
Antisocial behaviour	2	-	X					
Anti-sperm antibody	1	-	X					
Antisynthetase syndrome	3	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Anti-thyroid antibody	2	-	X		X			
Anti-thyroid antibody increased	1	-			X			
Antitussive therapy	1	-	X					
Anuria	11	-	X		X			
Anxiety	3,229	-	X	X	X	X	X	X
Anxiety disorder	13	-	X		X		X	
Aorta hypoplasia	1	-	X					
Aortic aneurysm	16	-	X	X	X	X	X	
Aortic aneurysm rupture	-	2	X		X			
Aortic arteriosclerosis	2	-	X					
Aortic bruit	1	-	X					
Aortic dilatation	2	-	X					
Aortic disorder	1	-			X			
Aortic dissection	8	4	X		X	X	X	
Aortic dissection rupture	-	1			X			
Aortic embolus	30	1	X		X			
Aortic injury	3	-			X			
Aortic intramural haematoma	1	-	X					
Aortic occlusion	3	2	X		X			
Aortic perforation	1	-	X					
Aortic rupture	1	2	X		X			
Aortic stenosis	10	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Aortic thrombosis	23	4	X		X	X	X	
Aortic valve incompetence	10	-	X		X			
Aortic valve replacement	2	-	X					
Aortic valve sclerosis	3	-	X				X	
Aortic valve stenosis	1	-	X					
Aortic valve thickening	1	-	X					
Aortitis	4	-	X		X			
APACHE II score	1	-	X					
Apathy	151	-	X	X	X	X	X	
Aphasia	389	-	X	X	X	X	X	
Aphonia	324	-	X	X	X	X	X	
Aphthous ulcer	141	-	X		X	X	X	
Aplasia	1	-				X		
Aplasia pure red cell	2	-			X			
Aplastic anaemia	13	1	X		X		X	
Apnoea	24	-	X	X	X		X	
Apnoeic attack	2	-	X		X			
Apparent death	1	-	X					
Appendicectomy	14	-	X	X	X	X		
Appendicitis	115	-	X	X	X	X	X	
Appendicitis noninfective	3	-	X		X			
Appendicitis perforated	13	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Appendicolith	1	-			X			
Appendix disorder	6	-	X		X			
Appetite disorder	70	-	X	X	X		X	
Application site acne	3	-	X		X			
Application site bruise	39	-	X		X	X	X	
Application site burn	6	-	X		X		X	
Application site cellulitis	1	-					X	
Application site coldness	2	-	X					
Application site discharge	1	-	X					
Application site discolouration	2	-	X					
Application site dryness	2	-			X			
Application site erythema	59	-	X	X	X		X	
Application site exfoliation	2	-	X				X	
Application site haemorrhage	2	-	X		X			
Application site hypersensitivity	1	-	X					
Application site hypoaesthesia	4	-	X		X			
Application site inflammation	3	-	X				X	
Application site irritation	1	-			X			
Application site joint erythema	2	-			X		X	
Application site joint pain	2	-	X		X			
Application site laceration	1	-	X					
Application site mass	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Application site movement impairment	1	-	X					
Application site odour	3	-	X		X			
Application site pain	72	-	X	X	X		X	
Application site pruritus	35	-	X		X		X	
Application site rash	8	-	X	X	X		X	
Application site reaction	4	-	X	X	X		X	
Application site scar	1	-	X					
Application site swelling	10	-	X		X		X	
Application site vesicles	26	-	X		X		X	
Application site warmth	6	-	X	X	X		X	
Application site wound	1	-	X					
Apraxia	7	-	X		X			
Aptyalism	14	-	X		X		X	
Arachnoid cyst	3	-	X					
Arachnoiditis	5	-	X		X			
Arcus lipoides	1	-	X					
Areflexia	46	-	X		X			
Argyria	1	-			X			
Arm amputation	2	-	X		X			
Arnold-Chiari malformation	5	-	X		X		X	
Arrhythmia	465	7	X	X	X	X	X	X
Arrhythmia neonatal	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Arrhythmia supraventricular	51	-	X	X	X	X	X	
Arterial disorder	3	-	X					
Arterial fibrosis	3	-			X		X	
Arterial haemorrhage	1	-			X			
Arterial injury	1	-	X					
Arterial occlusive disease	21	-	X	X				
Arterial rupture	1	-	X					
Arterial spasm	4	-	X		X		X	
Arterial stenosis	4	-	X	X				
Arterial thrombosis	41	2	X		X	X	X	
Arteriogram carotid	1	-	X					
Arteriogram coronary normal	1	-						
Arteriosclerosis	17	1	X	X	X		X	
Arteriosclerosis coronary artery	22	2	X		X		X	
Arteriospasm coronary	11	-	X		X			
Arteriovenous fistula	1	-	X					
Arteriovenous fistula operation	1	-	X					
Arteriovenous malformation	1	-	X					
Arteritis	8	-	X		X			
Arteritis coronary	1	-					X	
Artery dissection	9	-	X		X	X		
Arthralgia	41,626	-	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Arthritis	1,346	-	X	X	X	X	X	X
Arthritis allergic	2	-			X		X	
Arthritis bacterial	19	-	X		X	X	X	
Arthritis enteropathic	3	-	X				X	
Arthritis infective	8	-	X		X		X	
Arthritis reactive	206	-	X	X	X	X	X	
Arthritis viral	6	-	X		X		X	
Arthropathy	104	-	X	X	X	X	X	
Arthropod bite	24	-	X		X		X	
Arthropod sting	19	-	X		X			
Artificial menopause	3	-	X		X			
Asbestosis	1	-	X					
Ascending flaccid paralysis	1	-	X					
Ascites	18	-	X		X		X	
Asocial behaviour	1	-	X					
Aspartate aminotransferase	4	-	X		X		X	
Aspartate aminotransferase abnormal	1	-			X			
Aspartate aminotransferase increased	6	-	X		X			
Aspermia	3	-	X		X			
Asphyxia	5	4	X		X	X		
Aspiration	14	2	X		X		X	
Aspiration bone marrow	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Aspiration pleural cavity	1	-						
Asterixis	1	- X						
Asthenia	9,208	5 X	X	X	X	X	X	X
Asthenopia	593	- X	X	X	X	X	X	
Asthma	1,382	2 X	X	X	X	X	X	
Asthma exercise induced	7	- X			X		X	
Asthma late onset	7	- X			X		X	
Asthma prophylaxis	7	- X			X		X	
Asthma-chronic obstructive pulmonary disease overlap syndrome	2	- X						
Asthmatic crisis	7	- X					X	
Astigmatism	6	-			X		X	
Astraphobia	2	- X				X		
Astrocytoma malignant	1	-						
Ataxia	94	- X	X	X			X	
Atelectasis	14	- X	X	X				
Atheroembolism	1	- X						
Atonic seizures	27	- X			X	X	X	
Atonic urinary bladder	1	- X						
Atopic cough	1	-			X			
Atopy	9	- X			X			
Atrial fibrillation	1,021	3 X	X	X	X	X	X	X
Atrial flutter	138	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Atrial septal defect	4	-	X		X			
Atrial tachycardia	40	-	X	X	X	X	X	
Atrial thrombosis	7	-	X		X			
Atrioventricular block	86	3	X		X	X	X	
Atrioventricular block complete	9	2	X		X	X	X	
Atrioventricular block first degree	10	-	X		X			
Atrioventricular block second degree	15	-	X		X			
Atrophic vulvovaginitis	3	-	X		X			
Atrophy	8	-	X		X			
Attention deficit hyperactivity disorder	35	-	X		X		X	
Attention-seeking behaviour	2	-	X		X			
Atypical femur fracture	2	-	X		X			
Atypical haemolytic uraemic syndrome	1	-	X					
Atypical pneumonia	3	-	X				X	
Audiogram	1	-	X					
Audiogram abnormal	2	-			X		X	
Auditory disorder	14	-	X		X			
Auditory nerve disorder	1	-			X			
Aura	66	-	X	X	X		X	
Aural polyp	1	-	X					
Auricular swelling	3	-			X			
Autism spectrum disorder	11	-	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Autoantibody positive	1	-			X			
Autoimmune anaemia	6	-	X		X		X	
Autoimmune aplastic anaemia	1	-			X			
Autoimmune arthritis	30	-	X	X	X		X	
Autoimmune blistering disease	2	-	X		X			
Autoimmune colitis	7	-	X		X			
Autoimmune demyelinating disease	2	-	X	X				
Autoimmune dermatitis	7	-	X		X		X	
Autoimmune disorder	207	1	X	X	X	X	X	X
Autoimmune encephalopathy	8	2	X	X	X			
Autoimmune eye disorder	1	-	X					
Autoimmune haemolytic anaemia	34	-	X	X	X	X	X	
Autoimmune heparin-induced thrombocytopenia	1	-	X					
Autoimmune hepatitis	47	1	X	X	X	X	X	
Autoimmune hypothyroidism	4	-		X	X			
Autoimmune inner ear disease	2	-	X		X			
Autoimmune lung disease	4	-	X		X			
Autoimmune myocarditis	1	-	X					
Autoimmune myositis	5	-	X		X			
Autoimmune neuropathy	9	-	X	X			X	
Autoimmune neutropenia	5	-	X		X		X	
Autoimmune pancreatitis	4	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Autoimmune pericarditis	1	-	X					
Autoimmune thyroid disorder	2	-	X		X			
Autoimmune thyroiditis	32	-	X	X	X		X	
Autoimmune uveitis	5	-	X	X	X			
Autoinflammatory disease	4	-	X		X			
Automatic bladder	2	-	X		X			
Automatism	1	-			X			
Autonomic nervous system imbalance	82	-	X	X	X	X	X	X
Autonomic neuropathy	5	-	X		X			
Autonomic seizure	2	-	X		X			
Autoscopy	55	-	X	X	X		X	
Aversion	2	-	X		X			
Axial spondyloarthritis	4	-	X		X		X	
Axillary lymphadenectomy	6	-	X		X		X	
Axillary mass	506	-	X	X	X	X	X	
Axillary nerve injury	1	-			X			
Axillary pain	6,067	-	X	X	X	X	X	X
Axillary vein thrombosis	4	-	X		X		X	
Axillary web syndrome	6	-	X		X			
Axonal and demyelinating polyneuropathy	1	-	X					
Axonal neuropathy	6	-	X		X		X	
Azotaemia	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bacille Calmette-Guerin scar reactivation	177	-	X	X	X	X	X	X
Bacillus infection	1	-	X					
Back disorder	12	-	X		X			
Back injury	13	-	X		X		X	
Back pain	10,937	-	X	X	X	X	X	X
Bacteraemia	1	-	X					
Bacterial colitis	1	-			X			
Bacterial diarrhoea	1	-			X			
Bacterial infection	61	1	X		X		X	
Bacterial sepsis	2	-	X		X			
Bacterial test	1	-	X					
Bacterial test positive	1	-			X			
Bacterial vaginosis	8	-	X		X		X	
Bacterial vulvovaginitis	1	-	X					
Balance disorder	1,970	-	X	X	X	X	X	
Balance test	2	-	X		X			
Balanitis candida	3	-	X		X			
Balanoposthitis	10	-	X		X	X		
Ballismus	2	-	X		X			
Band sensation	12	-	X		X		X	
Barium swallow	2	-	X					
Barotitis media	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Barotrauma	4	-	X		X		X	
Barrett's oesophagus	4	-	X		X	X		
Bartholinitis	1	-			X			
Bartholin's abscess	1	-			X			
Bartholin's cyst	5	-	X		X			
Basal cell carcinoma	10	-	X	X	X			
Basal ganglia haemorrhage	4	-	X		X			
Basal ganglia infarction	2	-	X		X			
Basal ganglia stroke	1	1	X					
Basilar artery occlusion	1	-	X					
Basilar artery thrombosis	6	3	X		X		X	
Basilar migraine	7	-	X		X		X	
Basophil count decreased	1	-	X					
Basophil count increased	1	-			X			
B-cell aplasia	2	-	X					
B-cell lymphoma	3	1	X		X			
B-cell lymphoma stage II	1	-					X	
B-cell lymphoma stage III	1	-					X	
Bed bug infestation	1	-			X			
Bed sharing	1	-			X			
Bedridden	182	-	X	X	X	X	X	
Behaviour disorder	4	-	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Behcet's syndrome	11	-	X		X	X		
Bell's palsy	1,621	2	X	X	X	X	X	
Benign breast neoplasm	9	-	X		X		X	
Benign ear neoplasm	1	-	X					
Benign familial pemphigus	1	-	X					
Benign hydatidiform mole	7	-	X		X			
Benign lymph node neoplasm	2	-	X					
Benign neoplasm of eye	1	-			X			
Benign neoplasm of thyroid gland	1	-	X					
Benign ovarian tumour	1	-	X					
Benign prostatic hyperplasia	4	-	X		X			
Benign spleen tumour	1	-	X					
Beta haemolytic streptococcal infection	2	-	X		X			
Beta-2 glycoprotein antibody positive	1	-			X			
Bickerstaff's encephalitis	2	-	X					
Bicuspid aortic valve	4	-	X		X			
Bifascicular block	1	-			X			
Bile acid malabsorption	6	-	X		X			
Bile duct cancer	2	-	X		X			
Bile duct stenosis	1	-			X			
Bile output	8	-	X				X	
Biliary colic	65	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Biliary dilatation	2	-	X		X			
Biliary obstruction	2	-	X		X			
Biliary sepsis	7	1	X		X			
Biliary tract disorder	1	-			X			
Binge eating	3	-	X				X	
Binocular eye movement disorder	1	-			X			
Biochemical pregnancy	9	-	X	X	X			
Biopsy	1	-	X					
Biopsy bone	1	-			X			
Biopsy brain	1	-	X					
Biopsy breast	3	-	X		X			
Biopsy endometrium	1	-			X			
Biopsy kidney	2	-	X		X			
Biopsy lymph gland	3	-	X		X			
Biopsy skin	2	-	X					
Biopsy vagina	1	-	X					
Bipolar disorder	17	-	X		X	X	X	
Bipolar I disorder	11	-	X		X			
Birdshot chorioretinopathy	2	-			X			
Bite	3	-	X		X		X	
Bladder cancer	6	-	X		X			
Bladder catheterisation	3	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bladder cyst	2	-	X		X			
Bladder dilatation	2	-	X				X	
Bladder discomfort	17	-	X		X		X	
Bladder disorder	52	-	X		X		X	
Bladder dysfunction	25	-	X		X		X	
Bladder fibrosis	1	-			X			
Bladder fistula repair	1	-	X					
Bladder hypertrophy	1	-				X		
Bladder injury	4	-	X		X		X	
Bladder irritation	29	-	X	X	X		X	
Bladder pain	127	-	X	X	X		X	
Bladder scan	3	-	X		X		X	
Bladder spasm	3	-	X		X			
Bladder training	2	-	X					
Bleeding anovulatory	1	-			X			
Bleeding time	14	-	X		X		X	
Bleeding time abnormal	6	-	X		X		X	
Bleeding time prolonged	18	-	X		X			
Bleeding time shortened	3	-	X	X				
Bleeding varicose vein	2	-	X					
Blepharal pigmentation	1	-	X					
Blepharitis	57	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blepharitis allergic	1	-			X			
Blepharochalasis	1	-			X			
Blepharospasm	394	- X		X	X	X	X	
Blindness	638	- X		X	X	X	X	
Blindness cortical	2	- X			X			
Blindness day	2	- X						
Blindness transient	66	- X			X		X	
Blindness traumatic	1	-					X	
Blindness unilateral	94	- X			X	X	X	
Blister	1,467	- X		X	X	X	X	
Blister infected	4	- X			X		X	
Blister rupture	12	- X			X		X	
Block vertebra	1	-			X			
Blood albumin abnormal	1	- X						
Blood albumin decreased	1	-						
Blood albumin increased	1	-			X			
Blood alkaline phosphatase	1	- X						
Blood alkaline phosphatase abnormal	1	-			X			
Blood alkaline phosphatase decreased	1	- X						
Blood alkaline phosphatase increased	11	- X			X		X	
Blood aluminium	1	- X						
Blood antimony	1	-		X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood arsenic normal	1	-	X					
Blood bilirubin	2	-	X					
Blood bilirubin decreased	1	-			X			
Blood bilirubin increased	17	-	X		X		X	
Blood blister	160	-	X		X	X	X	
Blood caffeine decreased	1	-			X			
Blood calcium	2	-	X					
Blood calcium decreased	2	-	X				X	
Blood calcium increased	4	-	X		X		X	
Blood cannabinoids	1	-	X					
Blood carbon monoxide increased	3	-	X					
Blood cholesterol abnormal	1	-			X			
Blood cholesterol increased	52	-	X		X		X	
Blood copper increased	1	-			X			
Blood corticotrophin	2	-	X		X			
Blood corticotrophin abnormal	1	-	X					
Blood cortisol	1	-	X					
Blood creatine decreased	1	-			X			
Blood creatine increased	2	-	X			X		
Blood creatine phosphokinase	1	-	X					
Blood creatine phosphokinase increased	25	-	X		X		X	
Blood creatinine	2	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood creatinine abnormal	1	-	X					
Blood creatinine decreased	5	-	X		X			
Blood creatinine increased	10	-	X		X		X	
Blood culture	3	-	X					
Blood culture negative	1	-	X					
Blood cyanide	1	-	X					
Blood disorder	24	2	X		X		X	
Blood donor	2	-	X					
Blood electrolytes decreased	2	-	X					
Blood fibrinogen	2	-	X				X	
Blood fibrinogen abnormal	2	-	X					
Blood fibrinogen decreased	8	-	X					
Blood fibrinogen increased	2	-	X					
Blood folate	3	-	X					
Blood folate abnormal	2	-	X		X			
Blood folate decreased	33	-	X		X		X	
Blood follicle stimulating hormone increased	5	-	X		X			
Blood gases	1	-	X					
Blood gases abnormal	1	-	X					
Blood gastrin	1	-	X					
Blood gastrin normal	1	-	X					
Blood glucose	35	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood glucose abnormal	42	-	X		X	X	X	
Blood glucose decreased	95	-	X	X	X	X	X	
Blood glucose fluctuation	54	-	X		X			
Blood glucose increased	344	-	X	X	X	X	X	
Blood glucose normal	1	-			X			
Blood group O	2	-	X					
Blood grouping	1	-	X					
Blood growth hormone	3	-			X			
Blood growth hormone increased	1	-	X					
Blood HIV RNA increased	1	-	X					
Blood immunoglobulin A increased	2	-	X					
Blood immunoglobulin E	1	-	X					
Blood immunoglobulin E increased	6	-	X		X			
Blood immunoglobulin G	1	-	X					
Blood immunoglobulin G increased	1	-			X			
Blood immunoglobulin M	2	-	X		X			
Blood immunoglobulin M decreased	1	-						
Blood immunoglobulin M increased	4	-	X		X			
Blood insulin	6	-	X		X			
Blood insulin abnormal	2	-	X			X		
Blood insulin decreased	3	-	X		X			
Blood insulin increased	3	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood iron	21	-	X		X		X	
Blood iron decreased	71	-	X	X	X	X	X	
Blood iron increased	9	-	X		X			
Blood ketone body	13	-	X		X			
Blood ketone body increased	2	-	X		X			
Blood ketone body present	2	-	X		X			
Blood lactate dehydrogenase	2	-	X		X			
Blood lactate dehydrogenase increased	3	-	X		X		X	
Blood lactic acid	10	-	X		X		X	
Blood lactic acid decreased	1	-			X			
Blood lactic acid increased	11	-	X		X			
Blood lead	2	-	X		X			
Blood loss anaemia	5	-	X		X			
Blood magnesium decreased	5	-	X		X		X	
Blood oestrogen	4	-	X		X			
Blood oestrogen abnormal	1	-			X			
Blood oestrogen decreased	4	-	X	X	X			
Blood oestrogen increased	3	-	X					
Blood osmolarity	1	-	X					
Blood parathyroid hormone decreased	1	-	X					
Blood pH	30	-	X	X	X			
Blood pH abnormal	2	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood pH increased	32	-	X	X	X			
Blood phosphorus abnormal	1	-	X					
Blood phosphorus decreased	10	-	X		X			
Blood phosphorus increased	5	-	X		X			
Blood potassium abnormal	1	-			X			
Blood potassium decreased	25	-	X	X	X	X	X	X
Blood potassium increased	13	-	X		X			
Blood pressure abnormal	44	-	X		X		X	
Blood pressure ambulatory increased	1	-			X			
Blood pressure decreased	230	-	X	X	X	X	X	
Blood pressure diastolic	3	-	X		X			
Blood pressure diastolic decreased	3	-	X		X			
Blood pressure diastolic increased	13	-	X	X	X		X	
Blood pressure difference of extremities	3	-	X		X			
Blood pressure fluctuation	70	-	X		X	X	X	
Blood pressure increased	825	-	X	X	X	X	X	X
Blood pressure measurement	197	-	X	X	X	X	X	
Blood pressure normal	9	-	X		X		X	
Blood pressure orthostatic	1	-			X			
Blood pressure orthostatic decreased	1	-	X					
Blood pressure systolic	2	-	X		X			
Blood pressure systolic abnormal	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood pressure systolic decreased	5	-		X	X			
Blood pressure systolic increased	9	-	X	X	X		X	
Blood product transfusion dependent	2	-			X	X		
Blood prolactin	3	-			X			
Blood prolactin increased	5	-	X		X			
Blood sodium	2	-	X					
Blood sodium decreased	17	-	X		X			
Blood test	84	-	X		X		X	
Blood test abnormal	156	-	X		X		X	
Blood test normal	4	-	X		X		X	
Blood testosterone decreased	10	-	X		X		X	
Blood testosterone increased	3	-	X		X			
Blood thrombin	1	-					X	
Blood thromboplastin	2	-	X		X			
Blood thromboplastin abnormal	1	-	X					
Blood thromboplastin increased	1	-	X					
Blood thyroid stimulating hormone	1	-	X					
Blood thyroid stimulating hormone abnormal	1	-	X					
Blood thyroid stimulating hormone decreased	6	-	X		X		X	
Blood thyroid stimulating hormone increased	23	-	X	X	X		X	
Blood triglycerides	2	-	X					
Blood triglycerides increased	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood urea	8	-	X				X	
Blood urea increased	2	-	X				X	
Blood uric acid increased	7	-	X		X			
Blood urine	74	-	X	X	X	X	X	
Blood urine present	232	-	X	X	X	X	X	
Blood viscosity abnormal	2	-	X		X			
Blood viscosity decreased	2	-	X		X			
Blood viscosity increased	8	-	X		X		X	
Blood zinc increased	1	-	X					
Bloody discharge	45	-	X		X		X	
Blue toe syndrome	93	-	X	X	X	X	X	
Blunted affect	1	-	X					
Body dysmorphic disorder	3	-	X		X			
Body fat disorder	1	-			X			
Body height decreased	1	-	X					
Body mass index increased	3	-	X		X		X	
Body surface area	3	-	X					
Body surface area decreased	1	-	X					
Body temperature	1,523	-	X	X	X	X	X	
Body temperature abnormal	180	-	X	X	X	X	X	
Body temperature decreased	223	-	X		X	X	X	
Body temperature fluctuation	319	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Body temperature increased	1,947	-	X	X	X	X	X	X
Body temperature normal	4	-	X		X			
Body tinea	19	-	X		X		X	
Bone atrophy	1	-			X			
Bone cancer	4	1	X		X			
Bone contusion	2	-			X			
Bone cyst	2	-			X			
Bone deformity	1	-			X			
Bone densitometry	1	-	X					
Bone density decreased	1	-	X					
Bone disorder	7	-	X		X			
Bone erosion	2	-	X				X	
Bone loss	5	-	X		X			
Bone marrow disorder	4	-	X		X			
Bone marrow oedema	2	-	X		X			
Bone marrow transplant	1	-					X	
Bone neoplasm	1	-			X			
Bone pain	1,848	-	X	X	X	X	X	X
Bone scan	1	-					X	
Bone swelling	23	-	X		X		X	
Booster dose missed	1	-	X					
Boredom	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Botulinum toxin injection	1	-					X	
Bowel movement irregularity	22	-	X		X		X	
Bowen's disease	2	-	X		X			
Brachial plexopathy	5	-	X	X	X			
Brachial plexus injury	3	-	X		X			
Brachial pulse decreased	1	-	X					
Brachiocephalic vein thrombosis	2	-	X		X			
Brachyolmia	1	-			X			
Bradycardia	2	-	X		X			
Bradycardia foetal	213	1	X	X	X	X	X	
Bradycardia	2	-			X			
Bradykinesia	76	-	X	X	X	X	X	
Bradyphrenia	158	-	X	X	X	X	X	
Brain abscess	5	-	X		X			
Brain cancer metastatic	3	-	X		X			
Brain compression	6	-	X		X			
Brain contusion	24	-	X	X	X	X		
Brain death	4	7	X		X			
Brain fog	1,937	-	X	X	X	X	X	X
Brain herniation	12	1	X		X		X	
Brain hypoxia	7	1	X	X	X			
Brain injury	84	5	X	X	X	X		X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Brain malformation	3	-	X	X				
Brain natriuretic peptide increased	6	-	X		X		X	
Brain neoplasm	25	5	X	X	X		X	
Brain neoplasm malignant	4	-	X		X			
Brain oedema	58	4	X		X	X		
Brain operation	1	-	X					
Brain scan abnormal	2	-	X					
Brain stem embolism	-	1	X					
Brain stem haemorrhage	5	4	X		X			
Brain stem infarction	2	2	X		X		X	
Brain stem microhaemorrhage	1	-	X					
Brain stem stroke	10	4	X		X		X	
Brain stem syndrome	2	-	X					
Brain stem thrombosis	1	1	X					
Branchial cyst	4	-	X		X			
Breakthrough COVID-19	4	-	X					X
Breakthrough pain	1	-			X			
Breast abscess	11	-	X		X		X	
Breast atrophy	2	-			X			
Breast cancer	112	-	X		X		X	
Breast cancer female	6	-	X		X	X		
Breast cancer in situ	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Breast cancer male	5	-	X		X			
Breast cancer metastatic	2	-	X					
Breast cancer stage I	2	-	X		X			
Breast cancer stage III	6	-	X		X			
Breast cancer stage IV	2	-	X			X		
Breast conserving surgery	10	-	X	X	X	X		
Breast cyst	41	-	X		X		X	
Breast discharge	20	-	X	X	X		X	
Breast discolouration	1	-	X					
Breast discomfort	30	-	X	X	X		X	
Breast disorder	8	-	X		X			
Breast engorgement	17	-	X		X			
Breast enlargement	48	-	X		X		X	
Breast feeding	32	-	X		X		X	
Breast haematoma	1	-			X			
Breast haemorrhage	3	-	X			X	X	
Breast implant palpable	1	-			X			
Breast induration	1	-	X					
Breast inflammation	15	-	X	X	X		X	
Breast injury	1	-			X			
Breast mass	275	-	X	X	X	X	X	
Breast milk discolouration	4	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Breast milk odour abnormal	2	-			X			
Breast milk substitute intolerance	1	-			X			
Breast oedema	13	- X			X		X	
Breast pain	1,677	- X	X	X	X	X	X	
Breast prosthesis user	5	- X			X			
Breast scan	1	-			X			
Breast swelling	307	- X	X	X	X	X	X	
Breast tenderness	205	- X			X	X	X	
Breath holding	16	- X			X		X	
Breath odour	64	- X			X	X	X	
Breath sounds	4	- X					X	
Breath sounds abnormal	14	- X	X	X			X	
Breathing-related sleep disorder	1	-			X			
Brief resolved unexplained event	2	- X			X			
Bromhidrosis	1	-			X			
Bromoderma	2	-				X	X	
Bronchial carcinoma	6	- X			X		X	
Bronchial haemorrhage	1	- X						
Bronchial injury	1	-			X			
Bronchial oedema	1	- X						
Bronchial secretion retention	8	- X	X	X				
Bronchiectasis	35	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bronchitis	73	- X	X	X	X	X	X	
Bronchitis bacterial	4	- X	X	X	X	X		
Bronchitis chronic	2	- X						
Bronchitis viral	5	- X	X	X	X			
Bronchopulmonary aspergillosis	1	-			X			
Bronchospasm	40	- X			X		X	
Brucellosis	1	- X						
Brugada syndrome	1	- X						
Bruxism	60	- X	X	X			X	
Budd-Chiari syndrome	1	1 X						
Bulbar palsy	9	- X			X			
Bulimia nervosa	1	-			X			
Bullous haemorrhagic dermatosis	1	- X						
Bundle branch block	7	- X			X	X	X	
Bundle branch block left	28	- X	X	X			X	
Bundle branch block right	24	- X	X	X	X	X	X	
Burkitt's lymphoma	-	1 X						
Burn oesophageal	6	- X			X		X	
Burn of internal organs	8	- X			X			
Burn oral cavity	17	- X			X			
Burning feet syndrome	59	- X	X	X			X	
Burning mouth syndrome	29	- X	X	X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Burning sensation	2,051	-	X	X	X	X	X	
Burning sensation mucosal	6	-	X		X			
Burnout syndrome	20	-	X		X	X	X	
Burns second degree	8	-	X		X		X	
Burns third degree	1	-			X			
Bursa injury	7	-	X		X			
Bursa removal	1	-	X					
Bursitis	433	-	X	X	X	X	X	X
Bursitis infective	4	-	X		X			
Butterfly rash	18	-	X		X		X	
Buttock injury	1	-						X
Cachexia	4	-	X		X			
Caesarean section	3	-			X			
Caffeine allergy	1	-			X			
Calcinosis	5	-	X		X			
Calculus bladder	2	-			X			
Calculus urinary	1	-			X			
Camptocormia	1	-	X					
Campylobacter colitis	1	-	X					
Campylobacter gastroenteritis	2	-	X		X			
Campylobacter infection	2	-	X		X			
Campylobacter test positive	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cancer fatigue	4	- X						
Cancer pain	4	- X		X	X			
Cancer staging	1	-			X			
Candida infection	173	- X		X	X		X	
Capillaritis	9	- X		X	X	X	X	
Capillary disorder	2	- X			X			
Capillary fragility	20	- X			X			
Capillary leak syndrome	23	- X			X		X	
Capillary nail refill test	1	- X						
Capsular contracture associated with breast implant	3	- X			X			
Capsular contracture associated with implant	1	-			X			
Carbohydrate antigen 15-3	1	- X						
Carbohydrate antigen 15-3 increased	1	-			X			
Carbon dioxide increased	1	- X						
Carbuncle	1	- X						
Carcinoembryonic antigen increased	3	- X			X			
Carcinoid syndrome	1	- X						
Cardiac amyloidosis	1	-			X			
Cardiac aneurysm	2	1 X			X			
Cardiac arrest	317	121 X		X	X	X	X	X
Cardiac asthma	1	- X						
Cardiac autonomic neuropathy	2	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cardiac death	3	13	X	X	X		X	
Cardiac discomfort	79	-	X	X	X	X	X	
Cardiac disorder	302	7	X	X	X	X	X	X
Cardiac dysfunction	6	-	X		X		X	
Cardiac failure	270	36	X	X	X	X	X	
Cardiac failure acute	22	8	X		X		X	
Cardiac failure chronic	5	1	X		X			
Cardiac failure congestive	11	11	X	X	X	X	X	
Cardiac fibrillation	12	-	X		X		X	
Cardiac flutter	1,228	-	X	X	X	X	X	
Cardiac hypertrophy	1	-	X					
Cardiac infection	4	-	X	X	X			
Cardiac malposition	1	-			X			
Cardiac monitoring	3	-	X	X	X			
Cardiac murmur	127	-	X	X	X	X	X	
Cardiac neoplasm unspecified	1	-			X			
Cardiac operation	2	-	X		X			
Cardiac output	3	-			X	X		
Cardiac pacemaker insertion	3	-	X					
Cardiac sarcoidosis	5	-	X		X		X	
Cardiac septal defect	1	-			X			
Cardiac septal hypertrophy	-	1	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cardiac tamponade	3	2 X			X			
Cardiac telemetry	1	- X						
Cardiac valve disease	11	1 X			X		X	
Cardiac valve sclerosis	1	- X						
Cardiac valve vegetation	1	-			X			
Cardiac ventricular scarring	5	- X			X			
Cardiac ventricular thrombosis	17	2 X			X		X	
Cardiogenic shock	17	5 X			X		X	
Cardiolipin antibody positive	1	-			X			
Cardiomegaly	133	6 X	X	X			X	
Cardiomyopathy	48	3 X			X	X	X	
Cardiomyopathy acute	1	- X						
Cardiomyopathy neonatal	1	- X						
Cardiopulmonary failure	2	4 X			X		X	
Cardio-respiratory arrest	4	4 X	X	X			X	
Cardiospasm	14	1 X			X			
Cardiovascular deconditioning	1	-			X			
Cardiovascular disorder	22	- X	X	X				
Cardiovascular insufficiency	10	- X						
Cardiovascular symptom	7	- X			X			
Carditis	18	- X			X		X	
Carotid arteriosclerosis	2	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Carotid artery aneurysm	2	-	X					
Carotid artery disease	1	-	X					
Carotid artery dissection	3	-	X		X			
Carotid artery occlusion	20	-	X	X	X			
Carotid artery stenosis	5	-	X					
Carotid artery thrombosis	18	-	X		X	X		
Carotid bruit	1	-	X					
Carotid pulse	3	-	X		X			
Carotid pulse abnormal	1	-			X			
Carotid sinus syndrome	2	-	X					
Carpal collapse	1	-			X			
Carpal tunnel decompression	1	-	X					
Carpal tunnel syndrome	101	-	X		X		X	
Cartilage injury	4	-	X					
Cat scratch disease	1	-			X			
Cataplexy	5	-	X		X			
Cataract	55	-	X		X	X	X	
Cataract cortical	2	-	X					
Cataract subcapsular	4	-	X					
Cataract traumatic	1	-	X					
Catarrh	124	-	X	X	X	X	X	
Catastrophic reaction	1	1	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Catatonias	4	- X			X			
Catheter management	4	- X						
Catheter placement	2	- X						
Catheter site infection	3	- X			X			
Catheter site pain	1	-			X			
Catheter site related reaction	2	-					X	
Catheter site urticaria	1	- X						
Catheterisation cardiac	1	-			X			
Cauda equina syndrome	8	- X			X			
Cavernous sinus syndrome	3	-			X			
Cavernous sinus thrombosis	10	- X			X			
CD4 lymphocytes decreased	1	- X						
Cells in urine	3	- X			X			
Cellulite	5	- X			X			
Cellulitis	931	- X	X	X	X	X	X	
Cellulitis orbital	8	- X	X	X				
Cellulitis streptococcal	1	- X						
Central nervous system infection	3	- X					X	
Central nervous system inflammation	20	- X			X		X	
Central nervous system injury	1	- X						
Central nervous system lesion	22	- X			X			
Central nervous system lupus	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Central nervous system stimulation	3	-	X					
Central nervous system vasculitis	4	-	X		X			
Central pain syndrome	4	-	X		X			
Central serous chorioretinopathy	16	-	X		X		X	
Central sleep apnoea syndrome	1	-			X			
Central venous pressure	2	-	X		X			
Central vision loss	9	-	X		X			
Cerebellar artery thrombosis	1	-			X			
Cerebellar ataxia	10	-	X	X	X	X		
Cerebellar haemorrhage	8	3	X		X	X		
Cerebellar infarction	12	-	X		X			
Cerebellar ischaemia	1	-			X			
Cerebellar stroke	23	3	X		X	X	X	
Cerebellar syndrome	3	-	X		X			
Cerebral amyloid angiopathy	9	-	X		X			
Cerebral arteriosclerosis	2	-	X					
Cerebral arteritis	1	-	X					
Cerebral artery embolism	17	-	X		X	X	X	
Cerebral artery occlusion	6	1	X		X			
Cerebral artery stenosis	1	-	X					
Cerebral artery thrombosis	24	-	X		X			
Cerebral atrophy	2	-			X	X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cerebral congestion	12	-	X	X	X		X	
Cerebral cyst	1	-	X					
Cerebral disorder	13	-	X		X			
Cerebral haematoma	15	1	X		X			
Cerebral haemorrhage	237	89	X	X	X	X	X	
Cerebral infarction	137	11	X	X	X	X	X	
Cerebral ischaemia	9	-	X		X	X		
Cerebral mass effect	12	-	X					
Cerebral microangiopathy	1	-	X					
Cerebral microhaemorrhage	4	-	X					
Cerebral palsy	7	-	X	X	X			
Cerebral revascularisation	1	-	X					
Cerebral small vessel ischaemic disease	12	-	X	X	X	X		
Cerebral thrombosis	70	6	X		X			
Cerebral vascular occlusion	2	1	X					
Cerebral vasoconstriction	3	-	X					
Cerebral venous sinus thrombosis	316	35	X	X	X	X	X	
Cerebral venous thrombosis	62	6	X		X		X	
Cerebral ventricle dilatation	2	-			X			
Cerebrospinal fluid circulation disorder	6	-	X					
Cerebrospinal fluid leakage	4	-	X		X			
Cerebrovascular accident	2,157	87	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cerebrovascular disorder	8	-	X		X			
Cerebrovascular insufficiency	1	-	X					
Cerebrovascular operation	1	-			X			
Cerumen removal	2	-	X					
Cervical dysplasia	3	-			X			
Cervical friability	1	-	X					
Cervical polyp	3	-	X		X			
Cervical radiculopathy	12	-	X	X	X	X	X	
Cervical spinal stenosis	3	-	X		X		X	
Cervicobrachial syndrome	18	-	X	X	X			
Cervicogenic headache	9	-	X		X			
Cervicogenic vertigo	1	-			X			
Cervix carcinoma	8	-	X		X			
Cervix disorder	2	-			X			
Cervix haemorrhage uterine	7	-	X		X		X	
Cervix inflammation	1	-			X			
Cervix injury	1	-			X			
Cervix warts	1	-	X					
Chalazion	11	-	X		X			
Change in seizure presentation	10	-	X		X			
Change in sustained attention	1	-	X					
Change of bowel habit	54	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Chapped lips	61	- X		X	X		X	
Charles Bonnet syndrome	3	- X			X			
Cheilitis	87	- X		X	X		X	
Chemical burn	3	- X			X			
Chemical burn of oral cavity	2	- X						
Chemical burn of skin	16	- X			X			
Chemical cystitis	3	-			X			
Chemical phlebitis	2	- X						
Chemical poisoning	1	- X						
Chemical submission	1	- X						
Chemokine increased	1	- X						
Chemotherapy toxicity attenuation	1	- X						
Chest crushing	38	- X		X	X		X	
Chest discomfort	5,218	- X		X	X	X	X	
Chest injury	2	- X						
Chest pain	18,116	1 X		X	X	X	X	X
Chest scan	3	-			X			
Chest wall mass	1	-			X			
Chest X-ray	40	- X			X			
Chest X-ray abnormal	2	-			X			
Chest X-ray normal	2	-			X			
Cheyne-Stokes respiration	2	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Child maltreatment syndrome	1	-	X					
Childhood	1	-	X					
Childhood asthma	2	-					X	
Childhood depression	1	-	X					
Chillblains	189	-	X		X	X	X	
Chills	64,262	-	X	X	X	X	X	X
Chlamydial infection	1	-	X					
Chloasma	4	-	X		X			
Chloropsia	4	-	X		X			
Choking	64	-	X	X	X		X	
Choking sensation	24	-	X		X			
Cholangiocarcinoma	1	-	X					
Cholangiosarcoma	1	-	X					
Cholangitis	4	-	X		X			
Cholecystectomy	1	-	X					
Cholecystitis	22	-	X		X	X		
Cholecystitis acute	8	-	X		X			
Cholecystitis infective	6	-			X	X		
Cholelithiasis	37	-	X		X		X	
Cholelithotomy	1	-	X					
Cholestasis	10	-	X		X		X	
Cholestasis of pregnancy	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cholestatic liver injury	1	-	X					
Cholesterol granuloma	1	-	X					
Chondritis	3	-	X		X		X	
Chondrocalcinosis	8	-	X		X			
Chondrodermatitis nodularis chronica heliis	1	-			X			
Chondromalacia	1	-			X			
Chondropathy	3	-	X		X			
Chondrosarcoma	2	-			X			
Chorea	8	-	X		X		X	
Choreoathetosis	2	-	X			X		
Chorioretinal disorder	1	-			X			
Chorioretinitis	1	-					X	
Chorioretinopathy	1	-	X					
Choroidal haemorrhage	1	-			X			
Choroidal neovascularisation	1	-			X			
Choroiditis	1	-			X			
Chromatopsia	2	-	X		X			
Chromaturia	231	-	X	X	X	X	X	
Chronic cheek biting	1	-	X					
Chronic cutaneous lupus erythematosus	10	-	X		X			
Chronic disease	2	-	X		X			
Chronic fatigue syndrome	591	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Chronic gastritis	10	-	X	X	X			
Chronic inflammatory demyelinating polyradiculoneuropathy	30	-	X		X	X	X	
Chronic inflammatory response syndrome	1	-			X			
Chronic kidney disease	32	1	X		X		X	
Chronic leukaemia	2	-			X			
Chronic lymphocytic leukaemia	13	-	X		X	X	X	
Chronic myeloid leukaemia	4	-	X	X	X			
Chronic obstructive pulmonary disease	95	8	X	X	X		X	
Chronic paroxysmal hemicrania	1	-	X					
Chronic pigmented purpura	1	-				X		
Chronic respiratory disease	1	1	X					
Chronic respiratory failure	1	-	X					
Chronic sinusitis	30	-	X	X	X		X	
Chronic spontaneous urticaria	39	-	X	X	X	X	X	
Chronic tonsillitis	2	-	X	X				
Circadian rhythm sleep disorder	8	-	X		X			
Circulatory collapse	282	3	X	X	X	X	X	
Circumoral oedema	3	-	X		X			
Circumoral swelling	2	-	X		X			
Circumstance or information capable of leading to medication error	24	-	X		X		X	
Cirrhosis alcoholic	2	-	X		X			
Clamping of blood vessel	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Claudication of jaw muscles	3	-	X	X	X			
Claustrophobia	2	-	X		X			
Clavicle fracture	57	-	X		X		X	
Clear cell endometrial carcinoma	1	-	X					
Clear cell renal cell carcinoma	3	-	X		X			
Cleft lip and palate	3	-	X		X			
Clinical death	-	1			X			
Clinically isolated syndrome	4	-	X		X			
Clinomania	1	-	X					
Clitoral engorgement	2	-	X		X			
Clonic convulsion	17	-	X		X			
Clonus	9	-	X		X		X	
Clostridium difficile colitis	5	-	X					
Clostridium difficile infection	6	-	X		X			
Clot retraction	2	1	X		X			
Clubbing	1	-	X					
Clumsiness	89	-	X		X		X	
Cluster headache	1,200	-	X	X	X	X	X	
CNS ventriculitis	1	-			X			
Coagulation factor	1	-	X					
Coagulation factor VIII level decreased	7	-	X		X			
Coagulation test abnormal	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Coagulation time	10	-	X					
Coagulation time abnormal	1	-			X			
Coagulation time prolonged	23	-	X		X			
Coagulation time shortened	9	-	X		X		X	
Coagulopathy	139	1	X	X	X		X	
Coarctation of the aorta	1	-	X					
Coating in mouth	7	-	X		X		X	
Coccydynia	16	-	X	X	X		X	
Coeliac artery occlusion	1	-	X					
Coeliac disease	47	-	X	X	X		X	
Cogan's syndrome	2	-	X		X			
Cognitive disorder	450	-	X	X	X	X	X	
Cognitive linguistic deficit	1	-			X			
Coinfection	1	-	X					
Coital bleeding	18	-	X		X		X	
Cold agglutinins positive	2	-	X					
Cold burn	5	-	X		X		X	
Cold dysaesthesia	1	-			X			
Cold exposure injury	1	-			X			
Cold shock response	3	-			X	X	X	
Cold sweat	3,092	-	X	X	X	X	X	
Cold type haemolytic anaemia	3	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cold urticaria	27	-	X		X		X	
Cold-stimulus headache	153	-	X	X	X	X	X	
Colectomy	2	-	X					
Colitis	145	1	X		X	X	X	
Colitis ischaemic	10	1	X		X		X	
Colitis microscopic	10	-	X		X			
Colitis ulcerative	248	-	X	X	X	X	X	
Collagen disorder	2	-	X					
Collateral circulation	1	-	X					
Colon cancer	6	-	X		X			
Colon injury	1	-	X					
Colorectal cancer	4	-	X		X			
Colour blindness	14	-	X		X		X	
Colour blindness acquired	3	-			X		X	
Coma	58	-	X	X	X	X		
Coma scale abnormal	27	-	X	X	X		X	
Combined immunodeficiency	2	-	X		X			
Combined pulmonary fibrosis and emphysema	1	-			X			
Communication disorder	23	-	X		X		X	
Compartment syndrome	8	-	X		X			
Completed suicide	-	8	X		X			
Complex regional pain syndrome	25	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Complicated appendicitis	1	-			X			
Complication associated with device	2	-	X				X	
Complication of device removal	4	-	X		X			
Complication of pregnancy	1	-			X			
Compression fracture	1	-					X	
Compulsions	1	-		X				
Compulsive cheek biting	1	-	X					
Compulsive shopping	2	-	X					
Computerised tomogram	12	-	X		X			
Computerised tomogram abdomen	5	-	X		X			
Computerised tomogram head	46	-	X	X	X	X	X	
Computerised tomogram liver	1	-			X			
Computerised tomogram neck	1	-					X	
Computerised tomogram normal	1	-	X					
Computerised tomogram thorax	6	-	X		X			
Concomitant disease aggravated	1	-			X			
Concomitant disease progression	-	1			X			
Concussion	23	-	X		X		X	
Condition aggravated	904	-	X	X	X	X	X	X
Condom	1	-			X			
Conductive deafness	2	-	X		X			
Confabulation	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Confusional arousal	4	-	X		X			
Confusional state	4,068	-	X	X	X	X	X	
Congenital anomaly	7	-	X		X			
Congenital arterial malformation	1	-					X	
Congenital central nervous system anomaly	1	-			X			
Congenital cystic kidney disease	2	-	X		X			
Congenital diaphragmatic hernia	3	-	X		X			
Congenital eye disorder	1	-			X			
Congenital facial diplegia	1	-			X			
Congenital great vessel anomaly	1	-			X			
Congenital hydrocephalus	1	-			X			
Congenital hypothyroidism	1	-			X			
Congenital LUMBAR syndrome	1	-			X			
Congenital methaemoglobinaemia	1	-			X			
Congenital midline defect	1	-	X					
Congenital multiplex arthrogyrosis	1	-	X					
Congenital musculoskeletal disorder of limbs	1	-			X			
Congenital pulmonary airway malformation	1	-			X			
Congestive hepatopathy	4	-			X		X	
Conjunctival bleb	1	-	X					
Conjunctival cyst	1	-			X			
Conjunctival disorder	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Conjunctival haemorrhage	220	-	X	X	X	X	X	
Conjunctival hyperaemia	4	-	X		X			
Conjunctival irritation	1	-			X			
Conjunctival oedema	3	-			X			
Conjunctival ulcer	1	-			X			
Conjunctivitis	209	-	X	X	X	X	X	
Conjunctivitis allergic	4	-	X		X			
Conjunctivitis bacterial	1	-			X			
Conjunctivitis viral	7	-	X	X	X		X	
Connective tissue disorder	16	-	X	X	X	X		
Connective tissue inflammation	6	-	X	X	X			
Consciousness fluctuating	9	-	X		X		X	
Constipation	932	-	X	X	X	X	X	
Constricted affect	28	-	X	X	X		X	
Continuous passive motion machine therapy	1	-	X					
Contraception	5	-	X		X			
Contraceptive diaphragm	3	-	X					
Contraceptive implant	4	-			X			
Contraindicated product administered	8	-	X		X			
Contraindicated product prescribed	13	-	X		X		X	
Contraindication to medical treatment	1	-	X					
Contraindication to vaccination	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Contrast media reaction	6	- X			X			
Contusion	5,933	- X	X	X	X	X	X	
Convalescent	1	- X						
Conversion disorder	125	- X	X	X	X	X	X	
Convulsions local	2	-			X			
Convulsive threshold lowered	2	- X			X			
Coombs negative haemolytic anaemia	1	-			X			
Coordination abnormal	266	- X	X	X	X	X	X	
Copper deficiency	3	- X			X		X	
Cor pulmonale	1	-			X			
Corneal abrasion	1	-			X			
Corneal defect	1	- X						
Corneal graft rejection	16	- X			X	X	X	
Corneal neovascularisation	1	- X						
Corneal oedema	3	-			X			
Corneal perforation	1	- X						
Corneal reflex decreased	4	- X			X		X	
Corneal scar	2	- X			X			
Corneal transplant	2	- X						
Coronary artery bypass	3	- X			X			
Coronary artery disease	28	3 X	X	X	X	X	X	
Coronary artery dissection	8	1 X	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Coronary artery embolism	1	-	X					
Coronary artery occlusion	11	2	X	X	X	X	X	
Coronary artery reocclusion	1	-	X					
Coronary artery stenosis	2	-	X				X	
Coronary artery thrombosis	39	6	X	X	X		X	
Coronavirus infection	16	-	X		X		X	
Coronavirus pneumonia	1	-			X			
Coronavirus test	59	-	X		X		X	
Coronavirus test positive	4	-			X			
Corrective lens user	1	-	X					
Cortisol decreased	8	-	X		X			
Cortisol increased	2	-	X					
Costochondritis	295	1	X	X	X	X	X	
Costovertebral angle tenderness	1	-			X			
Cough	9,090	1	X	X	X	X	X	X
Cough decreased	3	-			X	X		
Cough variant asthma	19	-	X	X	X		X	
COVID-19	8,314	77	X	X	X	X	X	X
COVID-19 immunisation	438	-	X	X	X	X	X	X
COVID-19 pneumonia	108	31	X		X		X	
COVID-19 prophylaxis	1	-			X			
COVID-19 treatment	12	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cow pox	1	-	X					
Coxsackie viral infection	1	-	X					
Cranial nerve disorder	9	-	X		X		X	
Cranial nerve injury	2	-	X				X	
Cranial nerve neoplasm benign	1	-			X			
Cranial nerve palsies multiple	2	-	X		X			
Cranial nerve paralysis	2	-	X		X			
Craniocerebral injury	3	-	X		X			
Craniofacial fracture	1	-			X			
Craniosynostosis	1	-			X			
C-reactive protein	1	-	X					
C-reactive protein abnormal	3	-	X					
C-reactive protein decreased	1	-	X					
C-reactive protein increased	97	-	X		X	X	X	
Crepitations	16	-	X		X		X	
Creutzfeldt-Jakob disease	3	-	X					
Critical illness	1	-	X					
Crohn's disease	193	-	X	X	X		X	
Croup infectious	2	-	X		X			
Crush injury	1	-			X			
Crying	547	-	X	X	X	X	X	
Cryptorchism	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Crystal arthropathy	2	-			X			
Crystal urine	4	-	X					
CSF cell count abnormal	1	-	X					
CSF glucose decreased	1	-						
CSF lymphocyte count abnormal	1	-	X					
CSF oligoclonal band present	1	-	X					
CSF pressure	6	-	X		X		X	
CSF protein increased	3	-	X		X			
CSF test abnormal	1	-	X					
CSF white blood cell count increased	1	-	X					
CT hypotension complex	3	-	X		X			
Cubital tunnel syndrome	6	-	X		X		X	
Cuboid syndrome	1	-			X			
Culture negative	1	-			X			
Culture urine	1	-			X			
Cushingoid	6	-	X		X			
Cushing's syndrome	2	-	X					
Cutaneous lupus erythematosus	4	-	X		X	X	X	
Cutaneous lymphoma	1	-	X					
Cutaneous sarcoidosis	2	-	X		X			
Cutaneous symptom	25	-	X	X	X		X	
Cutaneous vasculitis	41	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cyanopsia	11	-	X		X		X	
Cyanosis	225	-	X	X	X	X	X	
Cyanosis central	1	-			X			
Cyclic vomiting syndrome	4	-	X		X			
Cyst	115	-	X	X	X	X	X	
Cyst rupture	2	-	X					
Cystic fibrosis	3	-	X		X			
Cystic lung disease	1	-	X					
Cystitis	224	-	X	X	X	X	X	
Cystitis haemorrhagic	2	-	X		X			
Cystitis interstitial	23	-	X	X	X		X	
Cystitis klebsiella	1	-	X					
Cystitis noninfective	5	-	X		X			
Cystitis-like symptom	1	-			X			
Cystocele	3	-	X		X			
Cystoid macular oedema	2	-	X		X			
Cystoscopy	5	-	X		X			
Cytogenetic abnormality	1	-			X			
Cytokine abnormal	1	-	X					
Cytokine increased	2	-	X		X			
Cytokine release syndrome	3	-	X		X			
Cytokine storm	10	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cytokine test	1	-			X			
Cytomegalovirus colitis	1	-			X			
Cytomegalovirus hepatitis	1	-			X			
Cytomegalovirus infection	5	-			X		X	
Cytomegalovirus infection reactivation	2	-					X	
Cytomegalovirus syndrome	1	-			X			
Cytomegalovirus test	1	-	X					
Cytomegalovirus test positive	1	-			X			
Cytopenia	1	-	X					
Dacryostenosis acquired	2	-			X			
Dacryostenosis congenital	1	-	X					
Dactylitis	8	-	X		X	X		
Dairy intolerance	10	-	X		X			
Dandruff	9	-	X		X			
Dark circles under eyes	24	-	X	X	X			
Daydreaming	28	-	X		X		X	
Deafness	927	1	X	X	X	X	X	X
Deafness bilateral	36	-	X		X			
Deafness neurosensory	83	-	X	X	X		X	
Deafness transitory	16	-	X		X		X	
Deafness traumatic	3	-	X		X	X		
Deafness unilateral	126	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Death	2	655	X	X	X	X	X	
Death neonatal	-	1			X			
Decerebrate posture	1	-			X			
Decidual cast	12	-	X		X		X	
Decompression sickness	2	-	X					
Decorticate posture	1	-			X			
Decreased activity	37	-	X	X	X		X	
Decreased appetite	8,960	-	X	X	X	X	X	
Decreased eye contact	4	-	X			X		
Decreased gait velocity	3	-	X					
Decreased immune responsiveness	8	-	X		X			
Decreased interest	39	-	X	X	X	X	X	
Decreased vibratory sense	1	-	X					
Decubitus ulcer	13	-	X		X		X	
Deep vein thrombosis	2,156	13	X	X	X	X	X	
Deep vein thrombosis postoperative	1	-	X					
Defaecation urgency	36	-	X		X		X	
Deficiency anaemia	3	-	X		X			
Deformity	6	-	X		X			
Deformity thorax	1	-			X			
Degenerative bone disease	1	-			X			
Dehydration	1,102	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Deja vu	9	- X			X		X	
Delayed dark adaptation	1	- X						
Delayed menarche	9	- X			X		X	
Delayed recovery from anaesthesia	9	- X			X			
Delayed sleep phase	2	- X					X	
Delirium	809	- X	X	X	X	X	X	
Delirium febrile	4	- X			X			
Delivery	1	- X						
Delusion	84	- X	X	X	X	X	X	
Delusion of parasitosis	4	- X					X	
Delusional perception	2	- X						
Dementia	75	- X	X	X	X	X	X	
Dementia Alzheimer's type	5	2 X			X		X	
Dementia with Lewy bodies	5	- X			X			
Demodicidosis	1	-			X			
Demyelinating polyneuropathy	17	- X			X		X	
Demyelination	48	1 X	X	X	X		X	
Dengue fever	3	- X					X	
Dental care	2	- X						
Dental caries	11	- X			X		X	
Dental discomfort	25	- X	X	X	X	X	X	
Dental paraesthesia	40	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dental pulp disorder	3	-	X				X	
Dependence	3	-	X		X			
Dependence on oxygen therapy	1	-	X					
Depersonalisation/derealisation disorder	44	-	X	X	X	X	X	
Deposit eye	1	-	X					
Depressed level of consciousness	185	-	X		X	X	X	
Depressed mood	1,383	-	X	X	X	X	X	X
Depression	1,432	-	X	X	X	X	X	
Depression suicidal	44	-	X		X		X	
Depressive symptom	4	-	X		X			
Derealisation	37	-	X	X	X		X	
Dermal cyst	63	-	X	X	X		X	
Dermal filler injection	10	-	X		X	X	X	
Dermal filler overcorrection	2	-	X		X			
Dermal filler reaction	5	-			X		X	
Dermatillomania	2	-	X					
Dermatitis	467	-	X	X	X	X	X	
Dermatitis acneiform	28	-	X		X	X	X	
Dermatitis allergic	810	-	X	X	X	X	X	
Dermatitis atopic	159	-	X	X	X	X	X	
Dermatitis bullous	53	-	X	X	X	X	X	
Dermatitis contact	83	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dermatitis diaper	7	-	X		X			
Dermatitis exfoliative	5	-	X		X			
Dermatitis exfoliative generalised	18	1	X		X		X	
Dermatitis herpetiformis	2	-	X					
Dermatitis infected	15	-	X		X		X	
Dermatitis psoriasiform	10	-	X		X			
Dermatochalasis	2	-	X		X			
Dermatologic examination abnormal	1	-	X					
Dermatomyositis	30	-	X	X	X	X	X	
Dermatophagia	4	-					X	
Dermatosis	3	-	X		X			
Dermo-hypodermatitis	1	-	X					
Detachment of retinal pigment epithelium	1	-	X					
Developmental delay	4	-	X		X			
Developmental hip dysplasia	1	-			X			
Device breakage	1	-			X			
Device connection issue	1	-			X			
Device defective	9	-			X			
Device dislocation	2	-	X					
Device electrical impedance issue	1	-	X					
Device expulsion	5	-	X		X		X	
Device failure	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Device infusion issue	1	-			X			
Device interaction	5	-						
Device issue	7	- X			X			
Device kink	1	-			X			
Device leakage	3	- X					X	
Device malfunction	2	-			X			
Device occlusion	1	- X						
Device pacing issue	1	-			X			
Device related infection	3	- X						
Device stimulation issue	1	-			X			
Device use issue	1	- X						
Diabetes insipidus	10	- X						
Diabetes mellitus	221	- X	X	X	X	X	X	
Diabetes mellitus inadequate control	55	1 X	X	X			X	
Diabetic coma	5	- X			X	X		
Diabetic complication	3	- X			X			
Diabetic foot	3	- X						
Diabetic ketoacidosis	56	2 X			X		X	
Diabetic ketosis	6	- X			X			
Diabetic mononeuropathy	1	- X						
Diabetic nephropathy	1	- X						
Diabetic neuropathy	4	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Diabetic retinal oedema	1	-			X			
Diabetic retinopathy	4	- X			X			
Dialysis	3	- X			X			
Diaphragm muscle weakness	3	-		X	X		X	
Diaphragmalgia	32	- X		X	X	X	X	
Diaphragmatic disorder	1	-			X			
Diaphragmatic paralysis	2	- X			X			
Diaphragmatic spasm	2	- X						
Diarrhoea	19,139	- X		X	X	X	X	X
Diarrhoea haemorrhagic	77	- X			X		X	
Diarrhoea infectious	5	- X			X			
Diastema	1	- X						
Diastolic dysfunction	4	- X			X			
Diastolic hypertension	12	- X		X	X			
Diastolic hypotension	2	- X			X			
Diet failure	1	- X						
Diet refusal	3	- X			X			
Diffuse alopecia	15	- X			X	X	X	
Diffuse idiopathic skeletal hyperostosis	1	-			X			
Diffuse large B-cell lymphoma	2	- X						
Diffuse large B-cell lymphoma stage IV	1	- X						
Diffuse vasculitis	2	1 X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dihydrotestosterone decreased	1	-	X					
Dilatation ventricular	2	-	X		X			
Dilated cardiomyopathy	36	1	X	X	X		X	
Diphtheria	5	-	X		X			
Diplacuisis	3	-	X		X			
Diplegia	78	-	X	X	X		X	
Diplopia	701	-	X	X	X	X	X	
Disability	23	-	X		X		X	
Discharge	27	-	X		X		X	
Discogram abnormal	1	-	X					
Discoloured vomit	35	-	X		X	X	X	
Discomfort	1,455	-	X	X	X		X	
Disease prodromal stage	1	-	X					
Disease progression	4	1	X		X			
Disease recurrence	43	-	X	X	X			
Disinhibition	6	-	X		X		X	
Disorganised speech	36	-	X		X	X	X	
Disorientation	1,323	-	X	X	X	X	X	
Disseminated Bacillus Calmette-Guerin infection	2	-	X		X			
Disseminated intravascular coagulation	21	3	X		X			
Disseminated varicella zoster vaccine virus infection	1	-						
Dissociation	144	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dissociative amnesia	6	-	X		X			
Dissociative disorder	5	-	X		X			
Distractibility	8	-	X		X		X	
Distributive shock	3	-	X		X			
Disturbance in attention	1,415	-	X	X	X	X	X	
Disturbance in sexual arousal	12	-	X		X		X	
Diversion colitis	1	-			X			
Diverticular fistula	2	-			X			
Diverticular perforation	2	-	X					
Diverticulitis	79	-	X	X	X	X	X	
Diverticulum	28	-	X	X	X		X	
Diverticulum intestinal	2	-	X		X			
Dizziness	43,718	-	X	X	X	X	X	X
Dizziness exertional	190	-	X	X	X	X	X	
Dizziness postural	3,490	1	X	X	X	X	X	
DNA antibody negative	1	-	X					
DNA antibody positive	1	-	X					
Documented hypersensitivity to administered product	1	-	X					
Dose calculation error	4	-	X		X			
Double outlet right ventricle	2	-	X		X			
Dreamy state	27	-	X		X			
Drooling	61	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Drop attacks	9	-	X		X	X	X	
Dropped shoulder syndrome	3	-			X			
Drowning	1	-	X					
Drug abuse	3	-	X				X	
Drug administered in wrong device	1	-	X					
Drug delivery system malfunction	1	-						
Drug dependence	1	-	X					
Drug effect less than expected	1	-	X					
Drug eruption	85	-	X	X	X	X	X	
Drug exposure before pregnancy	1	-	X					
Drug hypersensitivity	156	-	X	X	X	X	X	
Drug ineffective	1,182	1	X	X	X	X	X	
Drug interaction	86	-	X	X	X	X	X	
Drug intolerance	15	-	X		X		X	
Drug level decreased	1	-			X			
Drug level increased	3	-	X					
Drug monitoring procedure incorrectly performed	1	-			X			
Drug reaction with eosinophilia and systemic symptoms	17	-	X		X			
Drug resistance	1	-			X			
Drug screen positive	6	-	X		X			
Drug titration error	1	-	X					
Drug tolerance decreased	1	-						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Drug withdrawal convulsions	3	-	X				X	
Drug withdrawal headache	22	-	X		X		X	
Drug withdrawal syndrome	14	-	X		X		X	
Drug-device interaction	23	-	X		X		X	
Drug-induced liver injury	7	-	X		X		X	
Dry age-related macular degeneration	4	-	X		X			
Dry eye	641	-	X	X	X	X	X	
Dry gangrene	2	-	X					
Dry lung syndrome	1	-			X			
Dry mouth	1,940	-	X	X	X	X	X	
Dry skin	994	-	X	X	X	X	X	
Dry throat	499	-	X	X	X	X	X	
Duodenal ulcer	4	-	X		X		X	
Duodenal ulcer haemorrhage	2	1	X		X			
Duodenal ulcer perforation	3	-			X			
Duodenitis	2	-	X		X			
Duodenogastric reflux	11	-	X		X			
Duplicate therapy error	3	-	X		X			
Dupuytren's contracture	10	-	X		X		X	
Dural arteriovenous fistula	2	-	X					
Dust allergy	5	-	X		X			
Dwarfism	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dysacusis	2	-	X		X			
Dysaesthesia	28	-	X		X		X	
Dysarthria	862	-	X	X	X	X	X	X
Dyscalculia	1	-	X					
Dyschezia	19	-	X		X			
Dyschromatopsia	40	-	X		X		X	
Dysdiadochokinesis	2	-	X		X			
Dysentery	7	-	X		X		X	
Dysgeusia	3,788	-	X	X	X	X	X	
Dysgraphia	15	-	X		X		X	
Dyshidrotic eczema	77	-	X		X	X	X	
Dyskinesia	261	1	X	X	X	X	X	
Dyslexia	4	-	X		X			
Dysmenorrhoea	5,823	-	X	X	X	X	X	
Dysmetria	1	-				X		
Dysmetropsia	2	-	X		X			
Dysmorphism	3	-	X				X	
Dyspareunia	15	-	X		X			
Dyspepsia	1,838	-	X	X	X	X	X	X
Dysphagia	689	1	X	X	X	X	X	X
Dysphemia	79	-	X		X	X	X	
Dysphonia	467	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dysphoria	5	-	X		X			
Dysplasia	3	-	X					
Dyspnoea	20,681	7	X	X	X	X	X	X
Dyspnoea at rest	29	-	X		X		X	X
Dyspnoea exertional	144	1	X		X	X	X	
Dyspnoea paroxysmal nocturnal	1	-	X					
Dyspraxia	12	-	X		X		X	
Dyssomnia	6	-	X		X			
Dysstasia	276	-	X	X	X	X	X	X
Dystonia	48	-	X		X	X	X	
Dystonic tremor	4	-	X					
Dysuria	178	-	X		X	X	X	
Ear canal erythema	3	-	X		X		X	
Ear canal injury	2	-	X				X	
Ear canal stenosis	2	-			X		X	
Ear congestion	86	-	X	X	X		X	
Ear discomfort	279	-	X	X	X	X	X	
Ear disorder	60	-	X	X	X		X	
Ear haemorrhage	37	-	X	X	X			
Ear infection	286	-	X	X	X	X	X	
Ear infection bacterial	3	-	X		X			
Ear infection fungal	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ear infection viral	3	-	X		X			
Ear inflammation	7	-	X	X	X		X	
Ear injury	2	-			X			
Ear irrigation	1	-			X			
Ear pain	3,969	-	X	X	X	X	X	X
Ear pruritus	19	-	X		X			
Ear swelling	135	-	X		X	X	X	
Ear, nose and throat disorder	4	-	X		X		X	
Early satiety	3	-	X		X			
Eating disorder	45	-	X		X		X	
Eating disorder symptom	7	-	X		X		X	
Ecchymosis	7	-	X		X			
Echocardiogram	5	-	X		X			
Echocardiogram abnormal	1	-						
Ectopic pregnancy	28	-	X		X		X	
Ectropion	2	-	X		X			
Ectropion of cervix	8	-	X		X		X	
Eczema	1,129	-	X	X	X	X	X	X
Eczema asteatotic	42	-	X		X		X	
Eczema eyelids	25	-	X	X	X	X		
Eczema herpeticum	9	-	X		X		X	
Eczema impetiginous	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Eczema infantile	1	-			X			
Eczema infected	9	-	X		X		X	
Eczema nummular	19	-	X		X	X	X	
Eczema vesicular	1	-			X			
Eczema weeping	17	-	X		X	X	X	
Educational problem	2	-	X		X			
Effusion	6	-	X		X		X	
EGFR status assay	1	-			X			
Ehlers-Danlos syndrome	13	-	X		X		X	
Ejaculation delayed	3	-	X				X	
Ejaculation disorder	7	-	X		X			
Ejaculation failure	10	-	X		X		X	
Ejection fraction decreased	16	-	X		X	X	X	
Elastofibroma	2	-					X	
Elbow deformity	2	-	X		X			
Elderly	-	1						
Electric shock	74	-	X	X	X		X	
Electric shock sensation	226	-	X	X	X	X	X	
Electrocardiogram	16	-	X		X	X	X	
Electrocardiogram abnormal	58	-	X		X	X	X	
Electrocardiogram change	4	-	X		X		X	
Electrocardiogram normal	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Electrocardiogram P wave abnormal	2	-	X				X	
Electrocardiogram pacemaker spike	1	-	X					
Electrocardiogram PR prolongation	1	-		X				
Electrocardiogram QRS complex prolonged	1	-			X			
Electrocardiogram QT prolonged	19	-	X		X		X	
Electrocardiogram repolarisation abnormality	1	-			X			
Electrocardiogram ST segment depression	4	-	X		X			
Electrocardiogram ST segment elevation	21	-	X		X		X	
Electrocardiogram ST-T segment abnormal	11	-	X		X		X	
Electrocardiogram T wave inversion	13	-	X		X		X	
Electroconvulsive therapy	3	-			X		X	
Electroencephalogram abnormal	1	-	X					
Electrolyte imbalance	9	-	X		X	X		
Electromagnetic interference	2	-	X		X			
Electromyogram abnormal	3	-	X				X	
Embolic cerebral infarction	1	-	X					
Embolic stroke	29	1	X		X			
Embolism	337	2	X		X	X	X	
Embolism arterial	6	-	X		X			
Embolism venous	25	2	X		X		X	
Emergency care examination	1	-	X					
Emotional disorder	214	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Emotional disorder of childhood	1	-	X					
Emotional distress	197	-	X	X	X	X	X	
Emotional poverty	5	-	X		X		X	
Emphysema	17	-	X	X	X		X	
Empty sella syndrome	1	-	X					
Empyema	1	1	X				X	
Enanthema	1	-					X	
Encephalitis	87	1	X		X		X	
Encephalitis allergic	1	-					X	
Encephalitis autoimmune	13	-	X		X		X	
Encephalitis cytomegalovirus	1	-	X					
Encephalitis Japanese B	1	-					X	
Encephalitis post immunisation	2	-			X	X		
Encephalitis viral	14	1	X		X			
Encephalomalacia	1	-	X					
Encephalomyelitis	4	-	X		X			
Encephalopathy	22	-	X		X	X		
End stage renal disease	5	-	X		X			
Endocardial fibroelastosis	-	2	X					
Endocarditis	18	1	X	X	X		X	
Endocarditis bacterial	3	-	X		X			
Endocarditis noninfective	-	1			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Endocrine disorder	3	-	X		X			
Endocrine ophthalmopathy	13	-	X	X	X	X		
Endolymphatic hydrops	1	-	X					
Endometrial ablation	8	-	X		X			
Endometrial cancer	4	-	X		X			
Endometrial hyperplasia	4	-	X		X		X	
Endometrial scratching	1	-			X			
Endometrial thickening	7	-	X		X			
Endometriosis	231	-	X	X	X		X	
Endometritis	6	-	X		X			
Endothelial dysfunction	1	-			X			
Energy increased	55	-	X		X		X	X
Enlarged clitoris	1	-	X					
Enlarged uvula	28	-	X		X		X	
Enostosis	1	-	X					
Enteritis	9	-	X		X			
Enterobiasis	1	-					X	
Enterococcal infection	1	-	X					
Enterovirus infection	1	-			X			
Enthesopathy	5	-	X		X			
Enuresis	111	-	X	X	X	X	X	
Enzyme level increased	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Eosinophil count	4	-	X		X			
Eosinophil count abnormal	2	-	X					
Eosinophil count decreased	2	-	X		X			
Eosinophil count increased	11	-	X		X			
Eosinophilia	39	-	X		X		X	
Eosinophilic colitis	1	-			X			
Eosinophilic fasciitis	1	-	X					
Eosinophilic granulomatosis with polyangiitis	3	-	X	X				
Eosinophilic myocarditis	1	-			X			
Eosinophilic oesophagitis	5	-	X		X			
Eosinophilic pneumonia	4	1	X		X		X	
Eosinophilic pneumonia acute	1	-	X					
Ephelides	4	-	X		X		X	
Epicondylitis	67	-	X	X	X		X	
Epididymal cyst	1	-	X					
Epididymitis	24	-	X		X	X	X	
Epidural haemorrhage	2	-	X					
Epigastric discomfort	43	-	X		X		X	
Epiglottic oedema	2	-	X		X			
Epiglottitis	4	-	X		X			
Epilepsy	648	1	X	X	X	X	X	
Epilepsy with myoclonic-atonic seizures	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Epileptic aura	7	- X			X			
Epileptic encephalopathy	2	-			X			
Epinephrine	1	-			X			
Epinephrine abnormal	1	-			X			
Epinephrine increased	2	- X			X			
Epiphyses premature fusion	2	- X			X			
Epiptic appendagitis	2	-			X			
Epiptinal membrane	3	- X			X			
Episcleritis	40	- X	X	X	X	X	X	
Epistaxis	4,334	- X	X	X	X	X	X	
Epstein Barr virus positive mucocutaneous ulcer	1	- X						
Epstein-Barr virus antibody positive	1	- X						
Epstein-Barr virus infection	13	- X			X		X	
Epstein-Barr virus infection reactivation	7	- X			X			
Epulis	1	- X						
Erectile dysfunction	226	- X	X	X	X		X	
Erection increased	14	- X			X		X	
Eructation	220	- X	X	X	X	X	X	
Erysipelas	1	- X						
Erythema	7,774	- X	X	X	X	X	X	
Erythema ab igne	1	- X						
Erythema annulare	4	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Erythema induratum	1	-	X					
Erythema infectiosum	1	-					X	
Erythema migrans	2	-	X					
Erythema multiforme	124	-	X	X	X	X	X	
Erythema nodosum	97	-	X	X	X	X	X	
Erythema of eyelid	26	-	X	X	X	X	X	
Erythematotelangiectatic rosacea	5	-	X		X	X		
Erythrodermic psoriasis	4	-	X					
Erythromelalgia	20	-	X	X	X	X	X	
Erythroptosis	10	-	X		X		X	
Escherichia bacteraemia	1	-			X			
Escherichia infection	3	-	X		X			
Escherichia sepsis	2	-	X					
Essential hypertension	6	-			X			
Essential thrombocythaemia	5	-	X		X			
Essential tremor	27	-	X	X	X		X	
Euglycaemic diabetic ketoacidosis	1	-	X					
Euphoric mood	138	-	X		X		X	
Eustachian tube disorder	16	-	X	X	X			
Eustachian tube dysfunction	24	-	X	X	X		X	
Eustachian tube obstruction	20	-	X		X		X	
Euthyroid sick syndrome	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Evans syndrome	2	-	X		X			
Exaggerated startle response	5	-	X				X	
Excessive cerumen production	61	-	X	X	X		X	
Excessive eye blinking	17	-	X		X			
Excessive masturbation	1	-	X					
Executive dysfunction	3	-	X		X			
Exercise adequate	4	-	X		X			
Exercise electrocardiogram	1	-	X					
Exercise lack of	1	-				X		
Exercise tolerance decreased	134	-	X	X	X	X	X	
Exercise tolerance increased	2	-			X			
Exertional headache	22	-	X		X			
Exfoliative rash	52	-	X	X	X		X	
Exhibitionism	1	-					X	
Exophthalmos	15	-	X		X		X	
Exostosis	7	-	X		X		X	
Expired product administered	135	-	X		X	X	X	
Exploding head syndrome	12	-	X		X		X	
Exposure during pregnancy	36	-	X		X			
Exposure to chemical pollution	1	-	X					
Exposure to contaminated device	1	-						X
Exposure to extreme temperature	7	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Exposure to household chemicals	1	-	X					
Exposure to noise	2	-	X					
Exposure to SARS-CoV-2	15	-	X		X		X	X
Exposure to toxic agent	1	-	X					
Exposure to vaccinated person	10	-	X		X			
Exposure via body fluid	1	-	X					
Exposure via breast milk	299	-	X		X	X	X	
Exposure via contaminated device	1	-			X			
Exposure via partner	1	-	X					
Exposure via unknown route	2	-	X		X			
Extensive swelling of vaccinated limb	47	-	X		X		X	
Extensor plantar response	5	-	X		X			
External compression headache	7	-	X		X			
External ear cellulitis	1	-			X			
External ear inflammation	7	-	X		X		X	
External ear pain	22	-	X		X		X	
Ex-tobacco user	1	-			X			
Extra dose administered	99	-	X				X	
Extradural abscess	2	-	X		X			
Extradural haematoma	2	-	X					
Extranodal marginal zone B-cell lymphoma (MALT type)	1	-		X				
Extraocular muscle disorder	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Extrapyramidal disorder	23	-	X		X		X	
Extraskelatal ossification	1	-	X					
Extrasystoles	573	-	X	X	X	X	X	
Extremity contracture	2	-	X					
Extremity necrosis	7	-	X		X		X	
Eye abscess	1	-			X			
Eye allergy	63	-	X		X		X	
Eye colour change	12	-	X		X			
Eye contusion	83	-	X	X	X	X	X	
Eye degenerative disorder	1	-			X			
Eye discharge	74	-	X		X	X	X	
Eye disorder	117	-	X		X		X	
Eye haematoma	10	-	X		X		X	
Eye haemorrhage	179	-	X	X	X	X	X	
Eye infection	87	-	X		X		X	
Eye infection bacterial	2	-	X					
Eye infection chlamydial	1	-					X	
Eye infection intraocular	1	-			X			
Eye infection viral	3	-	X		X			
Eye inflammation	96	-	X		X		X	
Eye injury	112	-	X	X	X	X	X	
Eye irrigation	5	-	X				X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Eye irritation	355	-	X	X	X	X	X	
Eye movement disorder	124	-	X	X	X	X	X	
Eye muscle operation	1	-	X					
Eye naevus	7	-	X		X			
Eye oedema	42	-	X		X		X	
Eye opacity	1	-	X					
Eye pain	5,515	-	X	X	X	X	X	
Eye paraesthesia	7	-	X		X			
Eye pruritus	697	-	X	X	X	X	X	
Eye swelling	1,558	-	X	X	X	X	X	
Eye symptom	23	-	X		X			
Eye ulcer	18	-	X		X	X		
Eyelash changes	1	-			X			
Eyelid bleeding	4	-	X		X			
Eyelid boil	6	-	X		X		X	
Eyelid contusion	5	-	X					
Eyelid cyst	30	-	X		X		X	
Eyelid disorder	43	-	X		X		X	
Eyelid exfoliation	6	-	X		X			
Eyelid function disorder	4	-	X		X			
Eyelid haematoma	3	-	X					
Eyelid infection	10	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Eyelid irritation	11	-	X		X		X	
Eyelid margin crusting	8	-	X		X			
Eyelid myokymia	8	-	X		X			
Eyelid oedema	36	-	X		X	X	X	
Eyelid pain	40	-	X	X	X		X	
Eyelid ptosis	136	-	X	X	X	X	X	
Eyelid rash	38	-	X		X		X	
Eyelid sensory disorder	8	-	X		X			
Eyelid skin dryness	9	-	X		X			
Eyelid thickening	5	-	X		X			
Eyelid tumour	1	-			X			
Eyelids pruritus	25	-	X		X		X	
Face and mouth X-ray abnormal	1	-					X	
Face crushing	4	-	X		X			
Face injury	4	-	X	X	X			
Face lift	4	-	X		X			
Face oedema	98	-	X	X	X		X	
Face presentation	1	-	X					
Facet joint syndrome	1	-	X					
Facial asymmetry	6	-	X		X		X	
Facial discomfort	53	-	X	X	X	X	X	
Facial nerve disorder	24	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Facial pain	665	- X	X	X	X	X	X	
Facial paralysis	1,028	- X	X	X	X	X	X	
Facial paresis	311	- X		X	X	X	X	
Facial spasm	126	- X	X	X			X	
Facial wasting	3	-		X				
Factitious disorder	10	- X		X	X	X		
Factor IX deficiency	1	-		X				
Factor VII deficiency	1	- X						
Factor VIII deficiency	1	-		X				
Faecal calprotectin	3	- X		X				
Faecal calprotectin increased	13	- X		X				
Faecal volume	1	-					X	
Faecal vomiting	5	- X	X					
Faecaloma	13	- X		X				
Faeces discoloured	140	- X		X	X	X		
Faeces hard	9	- X		X			X	
Faeces pale	14	- X		X				
Faeces soft	39	- X		X			X	
Failed back surgery syndrome	1	-		X				
Failed in vitro fertilisation	1	-		X				
Fall	722	- X	X	X	X	X	X	X
Fallopian tube abscess	2	- X		X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Fallopian tube operation	2	-	X					
Fallopian tube spasm	2	-	X				X	
False negative pregnancy test	16	-	X		X		X	
False positive investigation result	1	-			X			
Familial hemiplegic migraine	4	-	X		X		X	
Familial periodic paralysis	1	-			X			
Family stress	1	-			X			
Fasciitis	3	-	X		X		X	
Fat necrosis	9	-	X		X			
Fat tissue increased	2	-			X		X	
Fatigue	94,702	3	X	X	X	X	X	X
Fatigue management	2	-	X		X			
Fear	134	-	X	X	X	X	X	
Fear of death	27	-	X	X	X		X	
Fear of disease	2	-	X					
Fear of eating	3	-	X		X		X	
Fear of falling	9	-	X		X			
Fear of injection	16	-	X		X		X	
Fear of open spaces	2	-	X					
Fear-related avoidance of activities	4	-	X	X				
Febrile convulsion	122	-	X	X	X		X	
Febrile neutropenia	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Feeding disorder	441	-	X	X	X	X	X	
Feeding tube user	2	-	X		X			
Feeling abnormal	4,480	-	X	X	X	X	X	X
Feeling cold	7,573	-	X	X	X	X	X	
Feeling drunk	246	-	X	X	X	X	X	
Feeling guilty	3	-	X		X			
Feeling hot	4,391	-	X	X	X	X	X	X
Feeling jittery	104	-	X	X	X		X	
Feeling of body temperature change	1,555	-	X	X	X	X	X	
Feeling of despair	33	-	X		X		X	
Feeling of relaxation	5	-	X		X			
Feelings of worthlessness	2	-			X			
Felty's syndrome	1	-	X					
Female genital tract fistula	1	-	X					
Female orgasmic disorder	3	-	X		X			
Female reproductive tract disorder	1	-						
Female sex hormone level	4	-	X		X			
Female sexual dysfunction	1	-	X					
Feminisation acquired	1	-					X	
Femoral artery embolism	3	-	X		X			
Femoral neck fracture	3	-	X		X			
Femoral nerve injury	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Femoral pulse	1	-	X					
Femoroacetabular impingement	2	-	X					
Femur fracture	3	-	X		X			
Fetishism	2	-	X					
Fibrin D dimer	1	-	X					
Fibrin D dimer decreased	1	-	X					
Fibrin D dimer increased	111	-	X	X	X	X	X	
Fibrin degradation products increased	1	-					X	
Fibroadenoma of breast	4	-	X		X		X	
Fibrocystic breast disease	2	-			X		X	
Fibroma	2	-	X		X			
Fibromyalgia	585	-	X	X	X	X	X	
Fibrosis	12	-	X		X		X	
Fibrous histiocytoma	1	-			X			
Fibula fracture	1	-			X			
Fine motor delay	4	-	X				X	
Fine motor skill dysfunction	44	-	X	X	X	X	X	
Finger deformity	13	-	X	X	X	X	X	
Fingerprint loss	1	-			X			
First bite syndrome	5	-	X		X	X	X	
Fistula	4	-	X		X			
Fistula discharge	2	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Fixed eruption	23	-	X	X	X		X	
Flagellate dermatitis	1	-					X	
Flank pain	208	-	X	X	X		X	
Flashback	7	-	X		X			
Flat affect	31	-	X	X	X		X	
Flatulence	726	-	X	X	X	X	X	
Flight of ideas	1	-			X			
Flooding	2	-			X			
Floppy eyelid syndrome	1	-			X			
Fluctuance	2	-			X		X	
Fluid imbalance	3	-	X		X			
Fluid intake reduced	15	-	X		X	X	X	
Fluid replacement	1	-	X					
Fluid retention	204	-	X	X	X		X	
Flushing	1,398	-	X	X	X	X	X	
Foaming at mouth	12	-	X		X		X	
Focal dyscognitive seizures	15	-	X		X		X	
Focal segmental glomerulosclerosis	5	-	X		X			
Foetal cardiac disorder	1	-			X			
Foetal death	1	3		X	X			
Foetal distress syndrome	3	-			X			
Foetal exposure during pregnancy	147	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Foetal exposure timing unspecified	1	-			X			
Foetal growth restriction	10	1			X		X	
Foetal heart rate	1	-	X					
Foetal heart rate abnormal	5	2	X	X	X			
Foetal heart rate decreased	1	-					X	
Foetal heart rate increased	2	-			X		X	
Foetal hypokinesia	19	-		X	X		X	
Foetal malformation	1	1		X	X			
Foetal monitoring	1	-			X			
Foetal movement disorder	8	-			X		X	
Foetal non-stress test	1	-			X			
Foetal vascular malperfusion	3	-	X		X			
Folate deficiency	30	-	X		X		X	
Follicular lymphoma	6	-	X		X			
Follicular lymphoma stage IV	1	-					X	
Folliculitis	40	-	X	X	X	X	X	
Fontanelle bulging	6	-	X		X			
Food allergy	139	-	X	X	X	X	X	
Food aversion	80	-	X	X	X		X	
Food contamination	1	-	X					
Food craving	42	-	X		X		X	
Food interaction	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Food intolerance	69	-	X	X	X	X	X	
Food poisoning	22	-	X		X		X	
Food protein-induced enterocolitis syndrome	1	-			X			
Food refusal	70	-	X	X	X	X	X	
Foot amputation	2	-	X					
Foot deformity	18	-	X		X	X	X	
Foot fracture	6	-	X		X			
Foot operation	1	-						
Forced expiratory volume	4	-	X		X	X		
Forced expiratory volume decreased	2	-	X				X	
Forced expiratory volume increased	20	-	X		X		X	
Forced expiratory volume normal	1	-	X					
Forced vital capacity decreased	2	-	X					
Forearm fracture	1	-			X			
Foreign body	11	-	X		X			
Foreign body in eye	7	-	X		X			
Foreign body in throat	4	-	X		X			
Foreign body in urogenital tract	1	-			X			
Foreign body reaction	1	-			X			
Foreign body sensation in eyes	68	-	X	X	X		X	
Foreskin oedema	1	-			X			
Formication	164	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Fractional exhaled nitric oxide normal	2	-	X		X			
Fracture	5	-	X		X			
Fracture blisters	1	-			X			
Fractured skull depressed	1	-			X			
Freezing phenomenon	197	-	X		X		X	
Frequent bowel movements	106	-	X	X	X	X	X	
Frontotemporal dementia	1	-	X					
Frostbite	3	-	X		X			
Frustration tolerance decreased	29	-	X	X	X	X	X	
Full blood count	32	-	X	X	X			
Full blood count abnormal	24	-	X		X		X	
Full blood count decreased	4	-	X		X			
Full blood count increased	1	-	X					
Full blood count normal	1	-	X					
Fulminant type 1 diabetes mellitus	2	-	X		X			
Functional gastrointestinal disorder	43	-	X		X	X	X	
Fungal infection	62	-	X		X		X	
Fungal skin infection	24	-	X	X	X		X	
Fungal test	2	-	X				X	
Funisitis	1	-			X			
Furuncle	148	1	X	X	X	X	X	
Gait deviation	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gait disturbance	1,079	- X	X	X	X	X	X	X
Gait inability	518	- X	X	X	X	X	X	
Gait spastic	2	- X	X					
Galactorrhoea	10	- X			X		X	
Galactostasis	3	- X			X			
Gallbladder disorder	8	- X			X			
Gallbladder enlargement	3	-			X			
Gallbladder injury	2	-			X			
Gallbladder oedema	1	- X						
Gallbladder polyp	4	- X			X		X	
Gallbladder rupture	1	-		X				
Gamma-glutamyltransferase	2	-			X			
Gamma-glutamyltransferase increased	11	- X			X			
Gangrene	5	- X			X			
Gaspings syndrome	4	- X		X	X			
Gastric antral vascular ectasia	25	- X			X		X	
Gastric cancer	2	1 X			X			
Gastric dilatation	29	- X		X	X		X	
Gastric haemorrhage	21	2 X			X	X		
Gastric infection	3	- X			X			
Gastric ischaemia	1	-					X	
Gastric operation	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gastric perforation	1	-			X			
Gastric pH	3	- X				X		
Gastric pH decreased	7	- X			X		X	
Gastric ulcer	23	- X			X		X	
Gastric ulcer haemorrhage	1	- X						
Gastric ulcer perforation	1	- X						
Gastric varices	1	-			X			
Gastritis	240	- X	X	X	X	X	X	X
Gastritis erosive	2	-			X		X	
Gastritis viral	1	- X						
Gastroenteritis	96	- X	X	X	X	X	X	
Gastroenteritis bacillus	1	- X						
Gastroenteritis Escherichia coli	1	- X						
Gastroenteritis norovirus	4	- X			X			
Gastroenteritis rotavirus	3	- X			X		X	
Gastroenteritis viral	122	- X	X	X	X	X	X	
Gastrointestinal bacterial overgrowth	4	- X			X			
Gastrointestinal carcinoma	15	1 X	X	X	X		X	
Gastrointestinal disorder	155	- X	X	X	X		X	
Gastrointestinal haemorrhage	69	5 X			X		X	
Gastrointestinal hypermotility	1	-			X			
Gastrointestinal infection	7	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gastrointestinal inflammation	13	-	X		X		X	
Gastrointestinal injury	1	-			X			
Gastrointestinal malformation	1	-	X					
Gastrointestinal motility disorder	16	-	X		X		X	
Gastrointestinal necrosis	2	1	X				X	
Gastrointestinal oedema	3	-	X					
Gastrointestinal pain	616	-	X	X	X	X	X	
Gastrointestinal perforation	1	-	X					
Gastrointestinal sounds abnormal	51	-	X		X	X	X	
Gastrointestinal stoma complication	6	-	X		X			
Gastrointestinal stoma output increased	1	-	X					
Gastrointestinal toxicity	1	-		X				
Gastrointestinal tract adenoma	1	-	X					
Gastrointestinal tract irritation	6	-	X		X	X		
Gastrointestinal ulcer	1	-	X					
Gastrointestinal viral infection	1	-	X					
Gastrointestinal wall thickening	1	-			X			
Gastroesophageal reflux disease	587	-	X	X	X	X	X	
Gastroptosis	1	-	X					
Gastroschisis	3	-			X			
Gaze palsy	9	-	X		X		X	
Gelastic seizure	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gender dysphoria	1	-			X			
General physical condition abnormal	6	- X			X	X		
General physical health deterioration	88	5 X	X	X	X		X	
General symptom	15	- X			X			
Generalised anxiety disorder	8	- X			X			
Generalised oedema	8	- X			X			
Generalised tonic-clonic seizure	237	- X	X	X	X	X	X	
Genetic polymorphism	1	-			X			
Genital abscess	3	- X			X			
Genital blister	7	- X			X		X	
Genital burning sensation	11	- X			X			
Genital cyst	2	- X						
Genital discolouration	1	-			X			
Genital discomfort	3	- X						
Genital dysaesthesia	1	- X						
Genital erosion	1	-			X			
Genital erythema	2	- X			X			
Genital haemorrhage	65	- X			X	X	X	
Genital herpes	229	- X	X	X	X	X	X	
Genital herpes simplex	7	- X			X			
Genital herpes zoster	2	- X			X			
Genital hyperaesthesia	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Genital hypoaesthesia	4	-	X		X			
Genital infection female	1	-	X					
Genital lesion	4	-	X		X			
Genital odour	1	-					X	
Genital pain	17	-	X		X		X	
Genital paraesthesia	7	-	X		X		X	
Genital rash	14	-	X		X		X	
Genital swelling	9	-	X		X			
Genital tract inflammation	3	-	X		X			
Genital ulceration	25	-	X	X	X		X	
Genito-pelvic pain/penetration disorder	4	-	X		X		X	
Genitourinary symptom	2	-			X			
Genitourinary tract infection	1	-	X					
Gestational diabetes	9	-	X		X		X	
Gianotti-Crosti syndrome	1	-			X			
Giant cell arteritis	122	-	X	X	X	X	X	
Gilbert's syndrome	1	-			X			
Gingival abscess	13	-	X		X			
Gingival atrophy	2	-	X		X			
Gingival bleeding	298	-	X		X	X	X	
Gingival blister	41	-	X	X	X			
Gingival discolouration	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gingival discomfort	18	-	X		X		X	
Gingival disorder	27	-	X	X	X		X	
Gingival erythema	2	-			X			
Gingival hypertrophy	2	-	X		X			
Gingival injury	1	-			X			
Gingival oedema	4	-	X		X			
Gingival pain	428	-	X	X	X	X	X	
Gingival pruritus	3	-	X		X			
Gingival recession	5	-	X		X			
Gingival swelling	118	-	X	X	X		X	
Gingival ulceration	13	-	X		X			
Gingivitis	53	-	X	X	X		X	
Gingivitis ulcerative	3	-	X		X			
Glare	2	-		X	X			
Glassy eyes	17	-	X		X		X	
Glaucoma	35	-	X		X			
Glioblastoma	5	1	X				X	
Glioblastoma multiforme	4	1	X	X	X		X	
Glioma	1	-			X			
Gliosis	3	-			X			
Glomerular filtration rate abnormal	1	-					X	
Glomerular filtration rate decreased	12	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Glomerular filtration rate increased	1	-			X			
Glomerulonephritis	2	-	X					
Glomerulonephritis acute	1	-					X	
Glomerulonephritis membranoproliferative	1	-	X					
Glomerulonephritis membranous	7	-	X		X		X	
Glomerulonephritis minimal lesion	21	-	X	X	X	X	X	
Glomerulonephritis rapidly progressive	2	-			X			
Glomerulosclerosis	1	-			X			
Glossitis	54	-	X	X	X	X	X	
Glossodynia	573	-	X	X	X	X	X	
Glossopharyngeal neuralgia	4	-	X		X		X	
Glucocorticoid deficiency	1	-	X					
Glucose tolerance impaired	11	-	X		X			
Glucose urine	1	-	X					
Glucose urine present	1	-			X			
Gluten free diet	2	-	X					
Gluten sensitivity	18	-	X		X		X	
Glycopenia	1	-			X			
Glycosuria	1	-	X					
Glycosylated haemoglobin increased	5	-	X		X	X		
Goitre	59	-	X		X		X	
Gonorrhoea	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Good syndrome	5	-	X				X	
Goodpasture's syndrome	1	-			X			
Gout	410	-	X	X	X	X	X	
Gouty arthritis	2	-			X			
Gouty tophus	1	-	X					
Graft versus host disease	3	-			X			
Granuloma	5	-	X		X		X	
Granuloma annulare	25	-	X	X	X		X	
Granuloma skin	1	-	X					
Granulomatosis with polyangiitis	12	1	X	X	X		X	
Granulomatous rosacea	1	-	X					
Graves' disease	67	-	X	X	X	X	X	
Greater trochanteric pain syndrome	14	-	X		X		X	
Grip strength	21	-	X	X	X		X	
Grip strength decreased	84	-	X	X	X		X	
Groin abscess	4	-	X		X			
Groin infection	3	-	X		X		X	
Groin pain	420	-	X	X	X	X	X	
Growing pains	9	-	X		X			
Growth disorder	2	-			X			
Growth of eyelashes	13	-	X		X			
Growth retardation	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Grunting	5	-	X		X	X		
Guillain-Barre syndrome	732	8	X	X	X	X	X	X
Guttate psoriasis	69	-	X		X		X	
Gynaecological disorder prophylaxis	1	-	X					
Gynaecological examination	1	-			X			
Gynaecomastia	20	-	X		X	X		
H1N1 influenza	2	-	X		X			
H2N2 influenza	3	-	X					
Habit cough	71	-	X		X	X	X	
Haemangioma	12	-	X	X	X		X	
Haemangioma of bone	1	-	X					
Haemangioma of liver	3	-	X		X			
Haemangioma of skin	31	-	X		X		X	
Haemangioma-thrombocytopenia syndrome	1	-	X					
Haemarthrosis	14	-	X		X			
Haematemesis	144	2	X	X	X	X	X	
Haematuria	1	-	X					
Haematochezia	209	-	X	X	X	X	X	X
Haematocrit	11	-	X		X			
Haematocrit decreased	3	-	X		X			
Haematocrit increased	7	-	X		X		X	
Haematological infection	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Haematological malignancy	2	-	X					
Haematology test abnormal	2	-	X					
Haematoma	199	1	X	X	X	X	X	
Haematoma infection	3	-	X		X			
Haematoma muscle	5	-	X		X			
Haematospermia	28	-	X		X		X	
Haematuria	167	-	X	X	X	X	X	
Haemochromatosis	7	-	X		X		X	
Haemodynamic instability	5	-	X		X			
Haemofiltration	1	-	X					
Haemoglobin	7	-	X					
Haemoglobin abnormal	1	-	X					
Haemoglobin decreased	56	-	X	X	X		X	
Haemoglobin E	2	-					X	
Haemoglobin increased	5	-	X		X			
Haemoglobin urine	1	-	X					
Haemolysis	18	-	X		X		X	
Haemolytic anaemia	23	-	X		X		X	
Haemoperitoneum	5	-	X		X			
Haemophagocytic lymphohistiocytosis	25	1	X		X			
Haemophilia	3	-		X	X			
Haemoptysis	253	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Haemorrhage	3,231	4 X		X	X	X	X	
Haemorrhage foetal	1	- X						
Haemorrhage in pregnancy	6	- X			X			
Haemorrhage intracranial	66	23 X		X	X		X	
Haemorrhage subcutaneous	44	- X			X	X	X	
Haemorrhage urinary tract	111	2 X		X	X	X	X	
Haemorrhagic adrenal infarction	5	- X						
Haemorrhagic cerebellar infarction	1	- X						
Haemorrhagic cerebral infarction	3	1 X			X			
Haemorrhagic diathesis	1	-			X			
Haemorrhagic infarction	6	- X			X		X	
Haemorrhagic ovarian cyst	3	-			X			
Haemorrhagic stroke	60	17 X			X	X	X	
Haemorrhagic transformation stroke	5	3 X						
Haemorrhagic varicella syndrome	1	- X						
Haemorrhoidal haemorrhage	6	- X			X			
Haemorrhoids	127	1 X			X	X	X	
Haemorrhoids thrombosed	16	- X			X			
Haemosiderin stain	2	- X			X			
Haemothorax	1	- X						
Hair colour changes	31	- X			X	X		X
Hair disorder	3	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hair dye user	3	-	X		X			
Hair growth abnormal	36	-	X		X		X	
Hair growth rate abnormal	1	-			X			
Hair injury	7	-	X		X			
Hair texture abnormal	25	-	X		X		X	
Hallucination	1,627	-	X	X	X	X	X	
Hallucination, auditory	82	-	X		X		X	
Hallucination, olfactory	32	-	X		X		X	
Hallucination, tactile	3	-	X		X		X	
Hallucination, visual	109	-	X		X	X	X	
Hallucinations, mixed	16	-	X		X		X	
Halo vision	36	-	X	X	X	X	X	
Hand deformity	18	-	X		X		X	
Hand dermatitis	16	-	X		X	X	X	
Hand fracture	1	-	X					
Hand-eye coordination impaired	3	-	X					
Hand-foot-and-mouth disease	1	-					X	
Hanging	1	1	X					
Hangover	321	-	X	X	X	X	X	
Hashimoto's encephalopathy	2	-			X			
Hashitoxicosis	1	-	X					
Head and neck cancer stage IV	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Head and neck procedural complication	1	- X						
Head banging	68	- X			X		X	
Head deformity	3	- X			X			
Head discomfort	1,387	- X	X	X	X	X	X	
Head injury	94	- X			X	X	X	
Head lag	33	- X	X	X			X	
Head titubation	48	- X			X	X	X	
Headache	130,864	2 X	X	X	X	X	X	X
Hearing aid user	3	- X						
Hearing disability	9	- X	X	X				
Heart alternation	10	- X			X	X	X	
Heart disease congenital	39	- X			X		X	
Heart rate	2,234	- X	X	X	X	X	X	X
Heart rate abnormal	223	- X	X	X	X	X	X	
Heart rate decreased	312	- X	X	X	X	X	X	X
Heart rate increased	4,235	- X	X	X	X	X	X	X
Heart rate irregular	830	- X	X	X	X	X	X	X
Heart rate normal	1	-			X			
Heart rate variability decreased	4	- X			X		X	
Heart rate variability increased	4	- X			X			
Heart sounds	38	- X	X	X			X	
Heart sounds abnormal	18	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Heart valve incompetence	10	- X			X			
Heart valve replacement	1	- X						
Heart valve stenosis	2	- X						
Heat cramps	4	- X			X			
Heat exhaustion	9	- X			X		X	
Heat illness	7	- X			X		X	
Heat oedema	38	- X	X	X	X		X	
Heat stroke	25	- X			X		X	
Heat therapy	3	- X						
Heavy menstrual bleeding	13,889	- X	X	X	X	X	X	
Heavy metal test	1	- X						
Helicobacter gastritis	1	-			X			
Helicobacter infection	5	- X			X		X	
Helicobacter test	1	-				X		
Helminthic infection	1	-			X			
Helplessness	7	- X	X	X	X		X	
Hemianaesthesia	4	- X			X		X	
Hemianopia	14	- X			X	X	X	
Hemianopia homonymous	6	- X			X			
Hemihypoaesthesia	9	- X	X	X	X		X	
Hemiparaesthesia	12	- X	X	X	X			
Hemiparesis	232	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hemiplegia	145	- X	X	X	X	X	X	
Hemiplegic migraine	116	- X	X	X			X	
Henoch-Schonlein purpura	44	- X	X	X	X	X	X	
Heparin-induced thrombocytopenia	18	- X					X	
Heparin-induced thrombocytopenia test positive	1	- X						
Hepatic artery embolism	1	-			X			
Hepatic artery thrombosis	1	- X						
Hepatic cancer	3	1 X	X	X				
Hepatic cancer recurrent	2	- X						
Hepatic cirrhosis	16	1 X			X		X	
Hepatic cyst	2	-			X		X	
Hepatic encephalopathy	2	- X						
Hepatic enzyme	2	-	X	X				
Hepatic enzyme abnormal	3	- X				X		
Hepatic enzyme increased	30	- X			X	X		
Hepatic failure	15	2 X			X			
Hepatic fibrosis	2	- X						
Hepatic function abnormal	31	- X			X		X	
Hepatic haemorrhage	3	- X			X			
Hepatic hypoperfusion	1	- X						
Hepatic infarction	3	1 X						
Hepatic infection	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hepatic lesion	1	-			X			
Hepatic necrosis	2	1	X	X				
Hepatic neoplasm	3	-	X		X			
Hepatic pain	150	-	X	X	X	X	X	X
Hepatic steatosis	28	-	X		X		X	
Hepatic vascular thrombosis	2	-	X					
Hepatic vein occlusion	1	-	X					
Hepatic vein thrombosis	23	1	X		X			
Hepatitis	63	-	X	X	X		X	
Hepatitis A	2	-			X		X	
Hepatitis acute	12	1	X		X			
Hepatitis B core antibody positive	1	-	X					
Hepatitis B surface antibody positive	1	-	X					
Hepatitis E	3	-	X		X	X		
Hepatitis fulminant	1	-	X					
Hepatitis toxic	2	-			X			
Hepatitis viral	7	-	X		X			
Hepatoblastoma	1	-	X					
Hepatocellular carcinoma	6	-	X		X			
Hepatomegaly	13	-	X		X			
Hepatorenal syndrome	1	-	X					
Hepatosplenomegaly	5	-			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hepatotoxicity	2	-			X			
HER2 positive breast cancer	1	-			X			
Hereditary angioedema	1	-					X	
Hereditary ataxia	3	-			X		X	
Hereditary neuropathy with liability to pressure palsies	1	-			X			
Hereditary pancreatitis	1	-	X					
Hernia	6	-	X					
Hernia pain	5	-	X				X	
Hernia repair	1	-			X			
Herpes dermatitis	2	-	X					
Herpes gestationis	3	-			X			
Herpes ophthalmic	24	-	X	X	X	X	X	
Herpes pharyngitis	1	-	X					
Herpes simplex	99	-	X		X	X	X	
Herpes simplex encephalitis	-	1			X			
Herpes simplex reactivation	11	-	X		X		X	
Herpes virus infection	34	-	X		X		X	
Herpes virus test	1	-	X					
Herpes zoster	3,857	-	X	X	X	X	X	
Herpes zoster disseminated	3	-	X	X	X			
Herpes zoster meningoencephalitis	2	-		X	X			
Herpes zoster oticus	42	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Herpes zoster reactivation	8	-	X	X	X			
Heteronymous diplopia	1	-			X			
Heterotaxia	2	-	X		X			
Hiatus hernia	38	-	X	X	X		X	
Hiccups	108	-	X	X	X	X	X	
Hidradenitis	14	-	X		X		X	
High density lipoprotein decreased	1	-			X			
High income	1	-			X			
High-pitched crying	12	-	X		X		X	
Hilar lymphadenopathy	6	-	X		X			
Hip fracture	2	-			X			
Hip surgery	1	-	X					
Hirsutism	2	-			X			
Histamine abnormal	7	-	X		X		X	
Histamine intolerance	23	-	X	X	X		X	
Histamine level	6	-	X		X			
Histamine level increased	3	-	X		X			
Histamine release test	1	-		X				
Histiocytic necrotising lymphadenitis	3	-	X		X			
HIV antibody negative	2	-	X					
HIV antibody positive	1	-			X			
HIV infection	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
HIV test	1	-			X			
HIV-associated neurocognitive disorder	1	-	X					
HLA-B*27 positive	1	-			X			
Hodgkin's disease	6	-	X		X			
Hoffmann's sign	1	-			X			
Holmes-Adie pupil	1	-	X					
Homicidal ideation	2	-	X				X	
Homosexual parent	1	-	X					
Homosexuality	1	-	X					
Hoover's sign of leg paresis	2	-	X		X			
Hordeolum	86	-	X	X	X	X	X	
Hormone level abnormal	185	-	X	X	X		X	
Hormone replacement therapy	9	-	X		X		X	
Hormone therapy	17	-	X		X			
Horner's syndrome	6	-	X		X			
Hospitalisation	62	-	X	X	X	X	X	
Hot flush	4,213	-	X	X	X	X	X	
Housebound	10	-	X		X			
Huerthle cell carcinoma	1	-			X			
Human chorionic gonadotropin decreased	1	-	X					
Human chorionic gonadotropin increased	1	-			X			
Human papilloma virus test negative	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Human papilloma virus test positive	1	-	X					
Humerus fracture	1	-	X					
Humidity intolerance	1	-	X					
Hunger	161	-	X	X	X		X	
Huntington's disease	-	1	X					
Hydrocele	4	-	X		X			
Hydrocephalus	24	1	X	X	X		X	
Hydronephrosis	3	-	X		X			
Hydrops foetalis	1	-					X	
Hydrosalpinx	2	-			X			
Hyperactive pharyngeal reflex	1	-			X			
Hyperacusis	304	-	X	X	X	X	X	
Hyperaemia	2	-	X					
Hyperaesthesia	475	-	X	X	X	X	X	
Hyperaesthesia teeth	122	-	X		X	X	X	
Hyperarousal	3	-	X					
Hypercalcaemia	6	-	X		X		X	
Hypercapnia	1	-	X					
Hypercarotinaemia	1	-			X			
Hypercatabolism	1	-			X			
Hyperchlorhydria	10	-	X		X		X	
Hypercholesterolaemia	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypercoagulation	39	1	X	X	X		X	
Hyperemesis gravidarum	3	-	X		X			
Hypereosinophilic syndrome	1	-	X					
Hyperfibrinogenaemia	1	-	X					
Hyperfibrinolysis	1	-			X			
Hypergammaglobulinaemia	1	-			X			
Hypergammaglobulinaemia benign monoclonal	8	-	X		X	X	X	
Hypergeusia	1	-			X			
Hyperglycaemia	242	1	X	X	X	X	X	
Hyperglycaemic crisis	2	-	X					
Hyperglycaemic hyperosmolar nonketotic syndrome	2	-	X					
Hyperhidrosis	14,275	-	X	X	X	X	X	X
Hyperinsulinaemic hypoglycaemia	1	-	X					
Hyperintensity in brain deep nuclei	1	-			X			
Hyperkalaemia	14	-	X		X			
Hyperkeratosis	7	-	X		X		X	
Hyperkinesia	33	-	X		X	X	X	
Hyperlactacidaemia	2	-	X					
Hyperleukocytosis	1	-						
Hyperlipidaemia	5	-	X		X			
Hypermetropia	7	-	X		X			
Hypermobility syndrome	9	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypernatraemia	5	-	X		X	X		
Hyperosmolar state	1	-	X					
Hyperoxia	1	-			X			
Hyperparathyroidism	4	-	X		X		X	
Hyperphagia	31	-	X		X		X	
Hyperplasia	3	-	X		X			
Hyperprolactinaemia	3	-	X		X			
Hyperpyrexia	54	-	X	X	X			
Hyperreflexia	15	-	X		X			
Hypersensitivity	3,456	2	X	X	X	X	X	
Hypersensitivity myocarditis	3	-	X		X		X	
Hypersensitivity pneumonitis	5	-	X		X		X	
Hypersensitivity vasculitis	7	-	X		X		X	
Hypersexuality	3	-	X		X			
Hypersomnia	420	-	X	X	X	X	X	
Hypertelorism	1	-			X			
Hypertension	2,420	1	X	X	X	X	X	X
Hypertensive crisis	35	-	X	X	X			
Hypertensive emergency	2	-	X					
Hypertensive encephalopathy	2	-	X					
Hypertensive heart disease	4	3	X		X	X		
Hypertensive nephropathy	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypertensive urgency	7	1	X		X		X	
Hyperthermia	26	-	X		X	X	X	
Hyperthermia malignant	1	-			X			
Hyperthyroidism	157	-	X	X	X	X	X	
Hypertonia	7	-	X		X			
Hypertonic bladder	33	-	X		X	X	X	
Hypertransaminaemia	18	-	X		X	X	X	
Hypertrichosis	2	-			X			
Hypertrophic cardiomyopathy	5	-	X		X			
Hypertrophy	2	-			X			
Hypertrophy of tongue papillae	2	-			X			
Hyperventilation	187	1	X	X	X		X	
Hypervigilance	25	-	X	X	X		X	
Hyperviscosity syndrome	1	-			X			
Hypervolaemia	23	-	X	X	X			
Hyphaema	1	-	X					
Hypnagogic hallucination	10	-	X		X		X	
Hypnopompic hallucination	2	-			X			
Hypoacusis	593	-	X	X	X	X	X	X
Hypoesthesia	12,844	-	X	X	X	X	X	X
Hypoesthesia eye	57	-	X	X	X		X	
Hypoesthesia oral	1,486	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypoaesthesia teeth	2	-	X					
Hypoalbuminaemia	2	-	X					
Hypobarism	6	-	X		X			
Hypocalcaemia	11	-	X		X			
Hypochromic anaemia	3	-	X					
Hypocoagulable state	1	-	X					
Hypocomplementaemia	1	-	X					
Hypofibrinogenaemia	4	-	X					
Hypogammaglobulinaemia	2	-			X		X	
Hypogeusia	18	-	X		X		X	
Hypoglycaemia	231	-	X	X	X		X	
Hypoglycaemia unawareness	3	-	X		X			
Hypoglycaemic coma	3	-	X		X			
Hypoglycaemic seizure	1	-	X					
Hypoglycaemic unconsciousness	1	-	X					
Hypogonadism female	1	-			X			
Hypohidrosis	12	-	X		X			
Hypokalaemia	16	-	X		X		X	
Hypokalaemic syndrome	4	-	X		X			
Hypokinesia	282	-	X	X	X	X	X	
Hypokinetic dysarthria	1	-			X			
Hypomagnesaemia	5	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypomania	3	-	X		X			
Hypomenorrhoea	1,367	-	X	X	X	X	X	
Hypometabolism	2	-	X		X			
Hyponatraemia	56	-	X		X	X	X	
Hyponatraemic syndrome	7	1	X		X		X	
Hypoparathyroidism	4	-	X	X			X	
Hypoperfusion	5	-	X		X		X	
Hypophagia	73	-	X	X	X	X	X	
Hypophosphataemia	5	-	X		X		X	
Hypopituitarism	6	-	X		X		X	
Hypoplastic anaemia	2	-			X			
Hypopnoea	460	-	X	X	X	X	X	
Hyporeflexia	36	-	X		X			
Hyporesponsive to stimuli	9	-	X		X	X		
Hyposmia	38	-	X	X	X		X	
Hypotension	1,314	1	X	X	X	X	X	X
Hypothalamo-pituitary disorder	2	-	X					
Hypothermia	98	-	X	X	X	X	X	
Hypothyroidic goitre	1	-			X			
Hypothyroidism	156	-	X	X	X	X	X	
Hypotonia	98	-	X		X		X	
Hypotonic urinary bladder	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypotonic-hyporesponsive episode	1	-	X					
Hypotrichosis	4	-	X		X			
Hypoventilation	3	-	X		X		X	
Hypovitaminosis	11	-	X		X			
Hypovolaemia	3	-	X					
Hypovolaemic shock	5	1	X		X			
Hypoxia	118	3	X	X	X	X	X	
Hypoxic-ischaemic encephalopathy	1	-	X					
Hysterectomy	3	-	X		X		X	
Hysteroscopy	3	-			X		X	
Ichthyosis	1	-			X			
Idiopathic angioedema	5	-	X		X			
Idiopathic environmental intolerance	3	-	X	X				
Idiopathic generalised epilepsy	1	-			X			
Idiopathic intracranial hypertension	26	-	X	X	X		X	
Idiopathic pulmonary fibrosis	4	1	X					
Idiopathic urticaria	22	-	X		X		X	
Idiosyncratic drug reaction	1	-	X					
IgA nephropathy	13	-	X		X		X	
IIIrd nerve disorder	3	-	X		X	X		
IIIrd nerve injury	1	-			X			
IIIrd nerve paralysis	17	-	X		X	X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Illrd nerve paresis	1	-	X					
Ileostomy	6	-	X		X			
Ileus	2	-			X			
Ileus paralytic	2	-			X			
Iliac artery embolism	2	-	X					
Iliac artery occlusion	3	-	X		X			
Ill-defined disorder	16	-	X					
Illiteracy	7	-	X		X			
Illness	8,669	1	X	X	X	X	X	X
Illness anxiety disorder	1	-	X					
Illogical thinking	1	-	X					
Illusion	22	-	X		X		X	
Immediate post-injection reaction	10	-	X		X		X	
Immobile	85	-	X	X	X	X	X	
Immobilisation bandage	1	-	X					
Immobilisation prolonged	4	-	X					
Immune reconstitution inflammatory syndrome	1	-			X			
Immune system disorder	162	-	X	X	X	X	X	
Immune thrombocytopenia	374	4	X	X	X	X	X	
Immune tolerance induction	1	-			X			
Immune-mediated adverse reaction	21	-	X		X		X	X
Immune-mediated hepatic disorder	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Immune-mediated hepatitis	2	-	X				X	
Immune-mediated hypothyroidism	2	-	X		X			
Immune-mediated myocarditis	1	-						
Immune-mediated myositis	2	-			X			
Immunisation	678	1	X		X	X	X	
Immunisation reaction	320	34	X	X	X	X	X	
Immunisation stress-related response	7	-	X		X	X		
Immunodeficiency	39	1	X		X	X	X	
Immunoglobulins decreased	3	-	X		X			
Immunology test	37	1	X	X	X	X	X	
Immunology test normal	1	-	X					
Immunosuppression	17	-	X	X	X		X	
Impaired driving ability	20	-	X		X		X	
Impaired gastric emptying	24	-	X	X	X	X	X	
Impaired healing	16	-	X		X		X	
Impaired quality of life	22	-	X		X	X	X	
Impaired reasoning	4	-	X		X			
Impaired work ability	81	-	X		X	X	X	
Impatience	3	-	X				X	
Imperception	1	-	X					
Impetigo	32	-	X	X	X		X	
Implant site coldness	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Implant site discharge	1	-	X					
Implant site discolouration	6	-	X		X			
Implant site hypoaesthesia	2	-	X					
Implant site inflammation	1	-		X				
Implant site pain	8	-	X		X			
Implant site rash	2	-	X		X			
Implant site reaction	1	-			X			
Implant site swelling	5	-	X		X			
Implant site urticaria	4	-	X		X			
Implant site vesicles	1	-	X					
Implant site warmth	13	-	X		X		X	
Impulse-control disorder	3	-	X					
Impulsive behaviour	2	-	X					
Inability to crawl	5	-	X		X			
Inadequate analgesia	44	-	X		X		X	
Inadequate aseptic technique in use of product	3	-	X		X			
Inadequate diet	1	-	X					
Inappropriate affect	44	-	X		X		X	
Inappropriate antidiuretic hormone secretion	3	-	X	X		X		
Inappropriate schedule of product administration	1,060	-	X		X		X	
Inappropriate schedule of product discontinuation	1	-					X	
Incision site erythema	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Incision site haemorrhage	1	-	X					
Incision site oedema	1	-	X					
Incision site pain	15	-	X		X		X	
Incoherent	54	-	X	X	X		X	
Incomplete course of vaccination	84	-	X		X			X
Incontinence	208	-	X	X	X	X	X	
Incorrect dose administered	104	-	X		X		X	
Incorrect drug administration rate	1	-			X			
Incorrect product administration duration	3	-	X				X	
Incorrect product formulation administered	3	-	X		X			
Incorrect route of product administration	78	-	X		X	X	X	
Increased appetite	113	-	X		X		X	
Increased bronchial secretion	5	-			X	X		
Increased insulin requirement	3	-	X		X			
Increased tendency to bruise	226	-	X	X	X		X	
Increased upper airway secretion	11	-	X		X			
Increased viscosity of bronchial secretion	2	-			X	X		
Increased viscosity of upper respiratory secretion	74	-	X	X	X	X	X	
Indifference	17	-	X		X			
Induced labour	1	-			X			
Induration	58	-	X	X	X		X	
Infant	2	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Infant irritability	16	-	X		X			
Infant sedation	1	-			X			
Infantile apnoea	2	-			X			
Infantile back arching	1	-	X					
Infantile spitting up	1	-	X					
Infantile vomiting	13	-	X		X			
Infarction	20	-	X		X		X	
Infected bite	9	-	X	X	X			
Infected cyst	6	-	X		X			
Infected dermal cyst	3	-	X					
Infected lymphocele	3	-	X		X			
Infected skin ulcer	5	-			X		X	
Infected varicose vein	1	-	X					
Infection	994	4	X	X	X	X	X	X
Infection in an immunocompromised host	3	-	X					
Infection susceptibility increased	5	-	X		X			
Infectious mononucleosis	97	-	X	X	X	X	X	
Infectious pleural effusion	5	-	X		X			
Infectious thyroiditis	1	-	X					
Infective exacerbation of bronchiectasis	2	-	X					
Infective pulmonary exacerbation of cystic fibrosis	-	1	X					
Infective tenosynovitis	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Inferior vena cava dilatation	1	-			X			
Infertility	46	-	X	X	X		X	
Infertility female	16	-	X		X		X	
Infertility male	4	-	X		X			
Infertility tests	1	-			X			
Infestation	1	-	X					
Inflammation	1,979	1	X	X	X	X	X	X
Inflammation of wound	8	-	X			X	X	
Inflammation scan	1	-	X					
Inflammatory bowel disease	40	-	X	X	X		X	X
Inflammatory carcinoma of breast stage III	1	-	X					
Inflammatory carcinoma of the breast	1	-			X			
Inflammatory marker decreased	2	-	X		X			
Inflammatory marker increased	26	-	X		X		X	
Inflammatory marker test	1	-			X			
Inflammatory pain	75	-	X	X	X		X	
Influenza	9,800	-	X	X	X	X	X	
Influenza A virus test	1	-					X	
Influenza immunisation	2	-	X				X	
Influenza like illness	13,957	-	X	X	X	X	X	X
Infrequent bowel movements	6	-	X		X			
Infusion related hypersensitivity reaction	23	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Infusion related reaction	32	- X		X	X		X	
Infusion site bruising	1	- X						
Infusion site coldness	1	-			X			
Infusion site discolouration	1	-			X			
Infusion site discomfort	1	- X						
Infusion site erythema	6	- X				X	X	
Infusion site infection	1	-			X			
Infusion site joint effusion	1	-			X			
Infusion site joint pain	3	- X			X			
Infusion site mass	7	- X			X		X	
Infusion site mobility decreased	1	- X						
Infusion site nerve damage	1	-			X			
Infusion site nodule	2	- X						
Infusion site pain	24	- X			X		X	
Infusion site pruritus	5	-			X		X	
Infusion site swelling	2	-			X			
Infusion site urticaria	8	- X			X		X	
Infusion site warmth	9	- X			X		X	
Ingrowing nail	4	- X			X			
Inguinal hernia	9	- X		X	X			
Inhibitory drug interaction	15	- X			X			
Initial insomnia	83	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Injected limb mobility decreased	103	-	X		X		X	
Injection	130	-	X	X	X	X	X	
Injection related reaction	775	-	X	X	X	X	X	
Injection site abscess	4	-	X		X			
Injection site atrophy	9	-	X					
Injection site bruising	217	-	X		X	X	X	
Injection site cellulitis	12	-	X		X		X	
Injection site coldness	7	-	X		X			
Injection site cyst	10	-	X		X		X	
Injection site deformation	1	-	X					
Injection site dermatitis	1	-					X	
Injection site discharge	4	-	X		X			
Injection site discolouration	17	-	X		X		X	
Injection site discomfort	38	-	X		X		X	
Injection site dryness	1	-	X					
Injection site eczema	2	-			X			
Injection site erythema	1,340	-	X	X	X	X	X	
Injection site exfoliation	1	-	X					
Injection site haematoma	5	-	X		X			
Injection site haemorrhage	41	-	X	X	X		X	
Injection site hypersensitivity	14	-	X		X		X	
Injection site hypoaesthesia	39	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Injection site indentation	34	-	X		X		X	
Injection site induration	18	-	X		X			
Injection site infection	28	-	X		X		X	
Injection site inflammation	146	-	X	X	X	X	X	
Injection site injury	9	-	X		X			
Injection site irritation	10	-	X		X		X	
Injection site joint discomfort	3	-	X		X			
Injection site joint erythema	19	-	X		X		X	
Injection site joint movement impairment	1	-			X			
Injection site joint pain	54	-	X		X	X	X	
Injection site joint swelling	1	-	X					
Injection site lymphadenopathy	1	-			X			
Injection site macule	1	-			X			
Injection site mass	2,371	-	X	X	X	X	X	
Injection site movement impairment	7	-	X		X		X	
Injection site muscle atrophy	3	-	X		X	X		
Injection site muscle weakness	6	-	X		X	X		
Injection site necrosis	11	-	X		X			
Injection site nerve damage	3	-	X		X			
Injection site nodule	10	-	X		X	X	X	
Injection site oedema	56	-	X	X	X		X	
Injection site pain	9,232	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Injection site pallor	1	-			X			
Injection site papule	2	-	X					
Injection site paraesthesia	45	-	X		X		X	
Injection site plaque	1	-					X	
Injection site pruritus	738	-	X	X	X	X	X	
Injection site pustule	3	-			X			
Injection site rash	758	-	X	X	X	X	X	
Injection site reaction	216	-	X	X	X	X	X	
Injection site scab	9	-	X	X				
Injection site scar	10	-	X		X			
Injection site swelling	790	-	X	X	X	X	X	
Injection site thrombosis	1	-	X					
Injection site ulcer	1	-	X					
Injection site urticaria	142	-	X	X	X	X	X	
Injection site vesicles	30	-	X	X	X		X	
Injection site warmth	695	-	X	X	X	X	X	
Injury	54	-	X		X		X	X
Injury associated with device	17	-	X		X		X	
Injury corneal	2	-	X		X			
Inner ear disorder	26	-	X	X	X			
Inner ear inflammation	20	-	X		X		X	
Insomnia	6,217	-	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Instillation site bruise	1	-	X					
Instillation site discomfort	1	-	X					
Instillation site erythema	1	-					X	
Instillation site pain	5	-	X					
Instillation site pruritus	1	-	X					
Instillation site warmth	26	-	X		X		X	
Insulin resistance	20	-	X	X	X	X		
Insulin resistant diabetes	3	-	X		X			
Intellectual disability	18	-	X	X	X			
Intelligence test	1	-			X			
Intention tremor	2	-	X	X				
Intentional dose omission	23	-	X					
Intentional overdose	16	-	X		X			
Intentional product misuse	32	-	X		X		X	
Intentional product use issue	13	-	X		X			
Intentional self-injury	18	-	X		X		X	
Intentional underdose	1	-	X					
Intercepted medication error	6	-	X					
Intercepted product administration error	2	-	X					
Intercepted product storage error	1	-	X					
Interchange of vaccine products	779	-	X	X	X	X	X	
Intercostal neuralgia	6	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Interferon gamma level increased	1	-	X					
Interferon gamma release assay positive	2	-	X					
Interleukin level increased	1	-	X					
Intermenstrual bleeding	2,413	-	X	X	X	X	X	
Intermittent claudication	14	-	X		X			
Intermittent explosive disorder	1	-	X					
Internal capsule infarction	2	-	X		X			
Internal carotid artery deformity	1	-	X					
Internal haemorrhage	51	1	X		X		X	
Internal hernia	1	-	X					
Internal injury	1	-	X					
International normalised ratio	4	-	X					
International normalised ratio abnormal	21	-	X		X			
International normalised ratio decreased	70	-	X		X	X	X	
International normalised ratio fluctuation	8	-	X		X			
International normalised ratio increased	159	-	X		X	X	X	
Interstitial granulomatous dermatitis	1	-			X			
Interstitial lung disease	25	3	X		X		X	
Intertrigo	4	-	X		X			
Intervertebral disc annular tear	1	-		X				
Intervertebral disc compression	1	-			X			
Intervertebral disc degeneration	6	-	X	X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Intervertebral disc disorder	2	-	X	X				
Intervertebral disc protrusion	24	-	X	X	X		X	
Intervertebral discitis	4	-	X		X			
Intestinal anastomosis	1	-			X			
Intestinal angioedema	4	-	X		X			
Intestinal congestion	1	-	X					
Intestinal dilatation	5	-	X		X			
Intestinal haemorrhage	3	-	X		X			
Intestinal infarction	7	1	X		X			
Intestinal ischaemia	61	6	X	X	X	X	X	
Intestinal obstruction	20	-	X		X		X	
Intestinal perforation	13	2	X		X		X	
Intestinal pseudo-obstruction	2	-			X			
Intestinal resection	1	-	X					
Intestinal sepsis	1	-					X	
Intoxication by breast feeding	2	-	X		X			
Intra-abdominal haematoma	2	-	X					
Intra-abdominal haemorrhage	2	-	X					
Intracardiac thrombus	30	6	X	X	X			
Intracranial aneurysm	9	2	X		X			
Intracranial haematoma	11	1	X		X		X	
Intracranial hypotension	8	-	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Intracranial mass	5	-	X		X			
Intracranial pressure increased	52	-	X	X	X		X	
Intracranial tumour haemorrhage	1	-	X					
Intraductal proliferative breast lesion	1	-	X					
Intranasal hypoaesthesia	3	-	X		X			
Intranasal paraesthesia	1	-			X			
Intraocular pressure increased	21	-	X		X		X	
Intraocular pressure test	10	-	X		X			
Intrauterine contraception	1	-	X					
Intravascular haemolysis	2	-			X			
Intraventricular haemorrhage	7	-	X				X	
Intrusive thoughts	15	-	X		X		X	
Intussusception	3	-	X	X	X			
Invasive ductal breast carcinoma	1	-			X			
Invasive lobular breast carcinoma	1	-						
Iridocyclitis	57	-	X		X		X	
Iritis	32	-	X		X		X	
Iron binding capacity total decreased	1	-	X					
Iron deficiency	37	-	X		X			
Iron deficiency anaemia	33	-	X		X		X	
Iron overload	2	-	X		X			
Irregular breathing	70	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Irregular sleep phase	6	-	X		X			
Irregular sleep wake rhythm disorder	3	-	X		X			
Irritability	658	-	X	X	X	X	X	
Irritability postvaccinal	6	-	X		X		X	
Irritable bowel syndrome	342	-	X	X	X	X	X	
Ischaemia	33	-	X	X	X		X	
Ischaemic cerebral infarction	5	-	X		X			
Ischaemic contracture of the left ventricle	2	-	X		X			
Ischaemic enteritis	1	-	X					
Ischaemic hepatitis	1	-	X					
Ischaemic limb pain	7	-	X		X			
Ischaemic mitral regurgitation	1	-	X					
Ischaemic neuropathy	2	-	X					
Ischaemic skin ulcer	2	-	X		X			
Ischaemic stroke	274	16	X	X	X	X	X	
Itching scar	19	-	X		X		X	
IVth nerve paralysis	2	-	X		X			
IVth nerve paresis	1	-					X	
Jamais vu	1	-	X					
Janeway lesion	1	-	X					
Jaundice	102	-	X		X	X	X	
Jaundice acholuric	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Jaundice cholestatic	24	-	X		X		X	
Jaundice neonatal	1	-			X			
Jaw clicking	14	-	X	X	X			
Jaw cyst	2	-	X				X	
Jaw disorder	12	-	X		X		X	
Jaw fracture	1	-					X	
Job dissatisfaction	5	-	X		X			
Joint abscess	1	-			X			
Joint adhesion	1	-	X					
Joint ankylosis	4	-	X		X			
Joint contracture	2	-	X		X			
Joint deposit	1	-			X			
Joint destruction	2	-	X		X			
Joint dislocation	24	1	X		X	X	X	
Joint effusion	34	-	X		X		X	
Joint injection	14	-	X		X		X	
Joint injury	39	-	X		X	X	X	
Joint instability	4	-	X		X			
Joint laxity	10	-	X		X			
Joint lock	123	-	X		X	X	X	
Joint microhaemorrhage	1	-			X			
Joint noise	113	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Joint position sense decreased	3	- X			X			
Joint range of motion decreased	50	- X	X	X			X	
Joint stabilisation	4	- X					X	
Joint stiffness	1,016	- X	X	X	X	X	X	X
Joint surgery	1	-			X			
Joint swelling	2,206	- X	X	X	X	X	X	
Joint vibration	12	- X			X		X	
Joint warmth	73	- X	X	X	X	X	X	
Judgement impaired	5	- X						
Jugular vein occlusion	4	- X			X			
Jugular vein thrombosis	42	- X			X			
Juvenile idiopathic arthritis	3	- X			X			
Juvenile spring eruption	1	- X						
Kaposi's sarcoma	2	-			X			
Keloid scar	8	- X			X		X	
Keratitis	14	- X			X			
Keratoacanthoma	1	-					X	
Keratolysis exfoliativa acquired	2	-			X			
Keratosis pilaris	3	-			X			
Keratouveitis	2	- X			X			
Ketoacidosis	8	2 X			X			
Ketonuria	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ketosis	6	-	X					
Kidney enlargement	2	-	X		X			
Kidney fibrosis	1	-			X			
Kidney infection	134	-	X	X	X	X	X	
Kidney rupture	2	-	X					
Kidney small	2	-			X			
Kidney transplant rejection	2	-			X			
Klebsiella infection	3	-	X		X			
Klebsiella urinary tract infection	1	-						
Klinefelter's syndrome	1	-	X					
Knee arthroplasty	2	-			X		X	
Knee deformity	4	-	X		X			
Knee operation	3	-	X					
Knuckle pads	1	-	X					
Koebner phenomenon	1	-			X			
Kosher diet	1	-	X					
Kyphosis	9	-	X	X	X			
Labelled drug-drug interaction medication error	1	-	X					
Labia enlarged	5	-	X		X		X	
Labile blood pressure	10	-	X		X			
Labile hypertension	6	-	X		X		X	
Laboratory test	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Laboratory test abnormal	1	-	X					
Labour pain	2	-	X		X			
Labour stimulation	1	-			X			
Labyrinthitis	353	-	X	X	X	X	X	
Lack of administration site rotation	1	-			X			
Lack of injection site rotation	1	-				X		
Lack of spontaneous speech	5	-	X		X		X	
Lack of vaccination site rotation	2	-	X		X			
Lacrimal disorder	1	-	X					
Lacrimal gland enlargement	1	-			X			
Lacrimation decreased	1	-			X			
Lacrimation increased	490	-	X	X	X	X	X	
Lactate dehydrogenase urine increased	1	-	X					
Lactation disorder	16	-	X		X		X	
Lactation insufficiency	90	-	X		X		X	
Lactation puerperal increased	14	-	X		X		X	
Lactic acidosis	8	-	X		X			
Lactose intolerance	20	-	X	X	X		X	
Lacunar infarction	14	-	X		X	X	X	
Lacunar stroke	40	-	X		X		X	
Lagophthalmos	11	-	X		X		X	
Language disorder	6	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Large for dates baby	1	-						
Large intestinal obstruction	1	2	X		X			
Large intestinal stenosis	1	-	X					
Large intestinal ulcer	2	-	X		X			
Large intestinal ulcer haemorrhage	1	-			X			
Large intestine infection	2	-	X					
Large intestine perforation	2	-	X		X			
Large intestine polyp	1	-	X					
Laryngeal disorder	1	-			X			
Laryngeal obstruction	1	-			X			
Laryngeal oedema	9	-	X	X	X			
Laryngeal pain	5	-	X		X		X	
Laryngitis	92	-	X	X	X		X	
Laryngoscopy	1	-	X					
Laryngospasm	7	-	X		X			
Latent autoimmune diabetes in adults	2	-			X			
Latent tuberculosis	1	-			X			
Lateral medullary syndrome	2	-			X			
Laziness	7	-	X		X			
Learning disability	1	-			X			
Learning disorder	1	-			X			
Left atrial dilatation	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Left ventricular dilatation	4	-	X				X	
Left ventricular dysfunction	59	-	X		X		X	
Left ventricular enlargement	4	-			X		X	
Left ventricular failure	26	4	X	X	X	X	X	
Left ventricular hypertrophy	12	1	X		X		X	
Leg amputation	8	-	X					
Leiomyoma	4	-	X	X	X	X		
Lesion excision	2	-	X		X			
Lethargy	8,890	-	X	X	X	X	X	X
Leukaemia	14	2	X		X		X	
Leukaemia monocytic	1	-			X			
Leukaemia recurrent	1	-	X					
Leukocytosis	8	-	X		X			
Leukonychia	1	-						
Leukopenia	22	1	X		X	X		
Leukoplakia	1	-	X					
Leukoplakia oral	4	-	X		X			
Lhermitte's sign	6	-	X		X			
Libido decreased	56	-	X		X		X	
Libido disorder	3	-	X		X			
Libido increased	20	-	X		X		X	
Lice infestation	2	-			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lichen planopilaris	12	- X	X	X				
Lichen planus	104	- X	X	X	X	X		
Lichen sclerosus	32	- X	X	X			X	
Lichen striatus	1	- X						
Lichenoid keratosis	11	- X	X	X				
Lid sulcus deepened	6	- X			X		X	
Life expectancy shortened	2	- X						
Ligament injury	6	- X			X			
Ligament laxity	2	- X			X			
Ligament pain	16	- X			X			
Ligament rupture	2	- X						
Ligament sprain	46	- X			X	X	X	
Ligamentitis	3	-			X			
Light anaesthesia	1	-					X	
Limb crushing injury	18	- X			X		X	
Limb deformity	17	- X			X			
Limb discomfort	4,848	- X	X	X	X	X	X	X
Limb immobilisation	49	- X			X	X	X	
Limb injury	719	- X	X	X	X	X	X	X
Limb mass	53	- X	X	X			X	
Limb operation	27	- X			X		X	
Limb reattachment surgery	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Limb reduction defect	3	-	X					
Limbal swelling	13	-	X		X		X	
Limited symptom panic attack	3	-	X		X		X	
Linear IgA disease	1	-	X					
Lip and/or oral cavity cancer	1	-	X					
Lip and/or oral cavity cancer recurrent	1	-			X			
Lip blister	83	-	X	X	X	X	X	
Lip discolouration	19	-	X	X	X		X	
Lip disorder	14	-	X		X		X	
Lip dry	150	-	X	X	X		X	
Lip erythema	9	-	X		X			
Lip exfoliation	17	-	X		X		X	
Lip haemorrhage	8	-	X		X		X	
Lip infection	1	-	X					
Lip injury	2	-	X					
Lip neoplasm malignant stage unspecified	1	-	X					
Lip oedema	18	-	X		X	X	X	
Lip pain	147	-	X	X	X	X	X	
Lip pruritus	38	-	X		X		X	
Lip scab	1	-			X			
Lip swelling	2,348	-	X	X	X	X	X	
Lip ulceration	47	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lipase increased	1	-	X					
Lipoatrophy	7	-	X		X			
Lipodystrophy acquired	2	-			X			
Lipoedema	4	-	X		X			
Lipohypertrophy	2	-	X					
Lipoma	24	-	X	X	X		X	
Lipoprotein (a) increased	1	-	X					
Liquid product physical issue	14	-	X		X			
Listless	176	-	X	X	X		X	
Live birth	12	-	X		X		X	
Livedo reticularis	106	-	X		X	X	X	
Liver abscess	2	-	X		X			
Liver contusion	1	-			X			
Liver disorder	44	-	X	X	X	X		
Liver function test	5	-	X		X			
Liver function test abnormal	112	-	X	X	X	X	X	
Liver function test increased	48	-	X		X		X	
Liver injury	73	-	X	X	X	X	X	
Liver scan	2	-			X			
Liver tenderness	11	-	X		X		X	
Local anaesthesia	5	-	X		X			
Local reaction	291	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Localised alternating hot and cold therapy	9	- X	X	X				
Localised infection	182	- X	X	X	X	X		
Localised oedema	43	- X			X	X	X	
Locked-in syndrome	2	- X			X			
Loefgren syndrome	1	-			X			
Logorrhoea	5	- X			X			
Loin pain haematuria syndrome	1	-					X	
Long QT syndrome	2	- X						
Long thoracic nerve palsy	2	- X						
Loose body in joint	2	- X			X			
Loose tooth	9	- X			X		X	
Lordosis	1	-			X			
Loss of bladder sensation	21	- X	X	X	X	X	X	
Loss of consciousness	2,628	2 X	X	X	X	X	X	
Loss of control of legs	112	- X	X	X	X	X	X	
Loss of dreaming	1	- X						
Loss of employment	1	-	X					
Loss of libido	96	- X	X	X	X	X	X	
Loss of personal independence in daily activities	119	- X	X	X	X	X	X	
Loss of proprioception	12	- X			X		X	
Low birth weight baby	2	- X			X			
Low density lipoprotein	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Low density lipoprotein increased	3	-	X		X		X	
Low income	1	-			X			
Low turnover osteopathy	1	-	X					
Lower gastrointestinal haemorrhage	3	-	X					
Lower limb fracture	5	-	X		X			
Lower motor neurone lesion	3	-	X		X			
Lower respiratory tract congestion	7	-	X		X		X	
Lower respiratory tract infection	846	16	X	X	X	X	X	
Lower respiratory tract inflammation	1	-			X			
Lower urinary tract symptoms	3	-			X			
Ludwig angina	1	-			X			
Lumbar puncture	26	-	X		X			
Lumbar radiculopathy	7	-	X				X	
Lumbar spinal stenosis	1	-					X	
Lumbosacral plexopathy	1	-	X					
Lung abscess	1	-			X			
Lung adenocarcinoma	2	1	X	X				
Lung cancer metastatic	1	3	X		X			
Lung carcinoma cell type unspecified stage III	1	-	X					
Lung consolidation	17	-	X		X			
Lung cyst	1	-	X					
Lung disorder	50	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lung hyperinflation	3	-	X		X			
Lung induration	1	-	X					
Lung infiltration	4	1	X		X			
Lung neoplasm malignant	34	5	X		X		X	X
Lung opacity	14	-	X		X			
Lung transplant	2	-	X		X			
Lupus nephritis	7	-	X		X			
Lupus pleurisy	2	-	X					
Lupus vasculitis	1	-			X			
Lupus-like syndrome	7	-	X		X	X	X	
Luteal phase deficiency	3	-	X		X			
Lyme disease	17	-	X		X		X	X
Lymph gland infection	31	-	X		X		X	
Lymph node abscess	12	-	X		X		X	
Lymph node fibrosis	1	-	X					
Lymph node pain	3,403	-	X	X	X	X	X	X
Lymph node palpable	59	-	X		X		X	
Lymph node tuberculosis	5	-	X		X		X	
Lymph node ulcer	3	-			X		X	
Lymph nodes scan abnormal	1	-			X			
Lymphadenectomy	2	-			X			
Lymphadenitis	284	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lymphadenopathy	22,918	-	X	X	X	X	X	X
Lymphadenopathy mediastinal	5	-	X		X			
Lymphangioma	1	-			X			
Lymphangiopathy	4	-	X		X	X		
Lymphangitis	25	-	X		X		X	
Lymphatic disorder	6	-	X		X		X	
Lymphatic insufficiency	2	-	X		X			
Lymphatic malformation	3	-			X			
Lymphocele	10	-	X		X		X	
Lymphocyte count	4	-	X		X			
Lymphocyte count abnormal	1	-	X					
Lymphocyte count decreased	12	-	X		X		X	
Lymphocyte count increased	6	-	X		X			
Lymphocytic infiltration	1	-			X			
Lymphocytosis	18	-	X		X			
Lymphoedema	421	-	X	X	X	X	X	
Lymphoid hyperplasia of intestine	2	-					X	
Lymphoid tissue hyperplasia	2	-	X		X			
Lymphoma	94	1	X	X	X		X	
Lymphomatoid papulosis	3	-	X	X	X			
Lymphopenia	17	-	X		X	X	X	
Lymphoproliferative disorder	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lymphoproliferative disorder in remission	1	-	X					
Lymphorrhoea	3	-	X		X			
Lymphostasis	1	-			X			
Macrocytosis	5	-	X		X			
Macroglossia	1	-	X					
Macular cherry-red spots	1	-			X			
Macular cyst	1	-	X					
Macular degeneration	21	-	X		X	X	X	
Macular detachment	1	-	X					
Macular hole	8	-	X		X	X	X	
Macular oedema	17	-	X	X	X			
Macular rupture	3	-	X		X			
Macule	19	-	X	X	X			
Maculopathy	6	-	X		X			
Madarosis	20	-	X		X			
MAGIC syndrome	5	1	X		X		X	
Magnesium deficiency	2	-			X		X	
Magnetic resonance imaging	8	-	X		X			
Magnetic resonance imaging abnormal	2	-	X		X			
Magnetic resonance imaging head	62	-	X	X	X			
Magnetic resonance imaging head abnormal	5	-	X		X			
Magnetic resonance imaging heart	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Magnetic resonance imaging neck	1	-	X					
Magnetic resonance imaging pelvic	1	-	X					
Magnetic resonance imaging whole body	1	-	X					
Magnetic resonance neurography	1	-			X			
Magnetic therapy	2	-	X		X			
Major depression	51	-	X	X	X		X	
Malabsorption	3	-			X			
Malaise	22,427	2	X	X	X	X	X	X
Malaria	11	-	X		X			
Male genital examination abnormal	3	-	X		X			
Male sexual dysfunction	2	-	X					
Malignant hypertension	13	-	X		X	X	X	
Malignant melanoma	12	-	X		X			
Malignant melanoma in situ	3	-	X					
Malignant neoplasm progression	2	1	X					
Mallet finger	1	-			X			
Mallory-Weiss syndrome	1	-			X			
Malnutrition	5	-	X		X			
Malnutrition-inflammation-atherosclerosis syndrome	1	-	X					
Malpositioned teeth	5	-	X		X			
Mammary duct ectasia	1	-	X					
Mammogram	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mammoplasty	1	-			X			
Mandibular mass	5	-	X		X			
Mania	53	-	X		X	X	X	
Manipulation	1	-	X					
Mantle cell lymphoma	2	-			X			
Manufacturing equipment issue	1	-	X					
Manufacturing materials contamination	1	-			X			
Manufacturing materials issue	1	-					X	
Marginal zone lymphoma stage I	2	-	X		X			
Masked fever	1	-	X					
Mass	237	-	X		X		X	
Mass excision	18	-	X		X	X	X	
Mast cell activation syndrome	58	-	X	X	X		X	
Mast cell degranulation present	1	-	X					
Mastication disorder	22	-	X		X		X	X
Mastitis	168	-	X	X	X	X	X	
Mastocytosis	5	-	X				X	
Mastoid effusion	1	-			X			
Mastoiditis	10	-	X	X	X			
Mastoptosis	1	-			X			
Maternal condition affecting foetus	1	-			X			
Maternal exposure before pregnancy	56	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Maternal exposure during breast feeding	4,108	- X	X	X	X	X	X	
Maternal exposure during pregnancy	1,894	- X	X	X	X	X	X	
Maternal exposure timing unspecified	22	- X			X		X	
Maxillofacial sinus neoplasm	1	- X						
Maximal voluntary ventilation	6	- X	X	X			X	
Maximum heart rate	15	- X			X		X	
Maximum heart rate decreased	1	- X						
Maximum heart rate increased	5	- X			X		X	
May-Thurner syndrome	2	- X			X			
Mean cell haemoglobin concentration	1	- X						
Mean cell haemoglobin concentration decreased	1	-			X			
Mean cell haemoglobin decreased	1	-			X			
Mean cell haemoglobin increased	1	-			X			
Mean cell volume abnormal	3	- X						
Mean cell volume decreased	1	-			X			
Mean cell volume increased	1	-			X			
Mean platelet volume decreased	1	-			X			
Mean platelet volume increased	2	-			X			
Measles	11	- X			X			
Measles post vaccine	1	- X						
Mechanical urticaria	62	- X	X	X	X	X	X	
Medial tibial stress syndrome	19	- X	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Median nerve injury	2	-	X					
Mediastinal mass	1	-			X			
Medical device pain	1	-			X			
Medical device site dysaesthesia	1	-	X					
Medical device site joint pain	1	-	X					
Medical device site pain	1	-			X			
Medical device site papule	1	-	X					
Medical device site swelling	1	-			X			
Medical diet	15	-	X		X		X	
Medical induction of coma	1	-			X			
Medical procedure	1	-			X			
Medication crystals in urine present	1	-	X					
Medication dilution	5	-	X		X			
Medication error	683	-	X	X	X	X	X	
Medication overuse headache	22	-	X		X		X	
Meibomian gland dysfunction	1	-			X			
Meibomianitis	1	-	X					
Meige's syndrome	1	-	X					
Melaena	23	1	X		X		X	
Melanocytic naevus	21	-	X	X	X		X	
Melanoderma	2	-	X					
Memory impairment	883	-	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Menarche	8	-	X		X		X	
Meniere's disease	57	-	X	X	X		X	X
Meningeal thickening	1	-			X			
Meningioma	8	-	X		X			
Meningism	9	-	X		X	X	X	
Meningitis	49	-	X		X		X	
Meningitis aseptic	6	-			X		X	
Meningitis bacterial	5	-	X		X		X	
Meningitis herpes	1	-			X			
Meningitis noninfective	2	-	X					
Meningitis pneumococcal	3	1	X		X		X	
Meningitis tuberculous	1	-	X					
Meningitis viral	34	-	X		X		X	
Meningococcal bacteraemia	1	-			X			
Meningococcal infection	1	-			X			
Meningoencephalitis herpetic	2	-	X					
Meningoencephalitis viral	1	-			X			
Meniscus injury	2	-			X			
Menometrorrhagia	52	-	X		X		X	
Menopausal depression	3	-	X					
Menopausal disorder	4	-	X		X			
Menopausal symptoms	138	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Menopause	161	- X	X	X	X	X	X	
Menopause delayed	6	- X			X			
Menstrual clots	2	- X			X			
Menstrual cycle management	23	- X			X		X	
Menstrual discomfort	60	- X			X		X	
Menstrual disorder	4,709	- X	X	X	X	X	X	X
Menstrual headache	27	- X			X		X	
Menstruation delayed	10,501	- X	X	X	X	X	X	X
Menstruation irregular	7,663	- X	X	X	X	X	X	
Menstruation normal	12	- X			X			
Mental disability	3	- X			X			
Mental disorder	90	- X	X	X			X	
Mental disorder due to a general medical condition	1	- X						
Mental fatigue	878	- X	X	X	X	X	X	X
Mental impairment	253	- X	X	X	X	X	X	
Mental status changes	10	- X			X			
Meralgia paraesthetica	6	- X			X	X		
Mesenteric abscess	1	-			X			
Mesenteric arterial occlusion	2	- X			X			
Mesenteric artery embolism	1	- X						
Mesenteric artery stenosis	1	- X						
Mesenteric artery thrombosis	5	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mesenteric haemorrhage	5	-	X					
Mesenteric lymphadenitis	2	-			X			
Mesenteric panniculitis	1	-	X					
Mesenteric vein thrombosis	38	-	X	X	X		X	
Mesenteric venous occlusion	1	-	X					
Mesothelioma	1	-	X					
Metabolic acidosis	20	-	X	X	X			
Metabolic disorder	4	-	X		X	X		
Metabolic syndrome	1	-	X					
Metal poisoning	2	-	X					
Metamorphopsia	75	-	X	X	X	X	X	
Metaplasia	1	-	X					
Metastases to bone	5	-	X		X	X		
Metastases to central nervous system	1	1	X		X			
Metastases to heart	1	-						
Metastases to liver	3	-	X		X			
Metastases to lung	-	1	X					
Metastases to lymph nodes	6	-			X		X	
Metastases to spine	2	-			X			
Metastasis	5	1	X		X		X	
Metastatic malignant melanoma	2	-	X		X			
Metastatic neoplasm	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Metastatic renal cell carcinoma	1	1	X	X				
Metatarsalgia	1	-			X			
Methaemoglobinaemia	2	-	X		X			
Metrorrhoea	2	-	X				X	
Microalbuminuria	1	-	X					
Microangiopathic haemolytic anaemia	2	-	X		X			
Microcytic anaemia	3	-	X		X		X	
Microembolism	5	-	X		X			
Microglial nodules	1	-	X					
Micrographia	2	-	X		X			
Micropenis	7	-	X		X		X	
Microsleep	4	-	X		X			
Microvascular coronary artery disease	7	-	X		X			
Microvascular cranial nerve palsy	4	-	X		X			
Micturition disorder	6	-	X		X			
Micturition frequency decreased	1	-	X					
Micturition urgency	192	-	X	X	X	X	X	
Middle cerebral artery stroke	23	3	X		X			
Middle ear disorder	4	-	X		X			
Middle ear effusion	9	-	X	X	X	X		
Middle ear inflammation	2	-			X		X	
Middle insomnia	126	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Migraine	13,419	- X	X	X	X	X	X	X
Migraine with aura	782	- X	X	X	X	X	X	
Migraine without aura	79	- X			X	X	X	
Migraine-triggered seizure	3	- X						
Milia	3	-			X			
Miliaria	437	- X	X	X	X	X	X	
Milk allergy	6	- X			X	X	X	
Miller Fisher syndrome	40	- X			X			
Mineral supplementation	1	- X						
Miosis	19	- X			X			
Misophonia	3	-			X			
Mite allergy	4	- X			X			
Mitochondrial myopathy acquired	1	-			X			
Mitral valve disease	3	- X			X			
Mitral valve incompetence	29	- X			X		X	
Mitral valve prolapse	11	- X			X		X	
Mitral valve stenosis	-	1 X						
Mixed anxiety and depressive disorder	12	- X			X		X	
Mixed connective tissue disease	1	- X						
Mixed deafness	4	- X			X			
Mixed delusion	1	- X						
Mixed dementia	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mixed incontinence	5	- X			X	X		
Moaning	15	- X			X		X	
Mobility decreased	533	- X	X	X	X	X	X	
Molluscum contagiosum	4	- X			X			
Monoclonal gammopathy	1	-			X			
Monocyte count increased	4	- X			X			
Monocytosis	2	- X						
Mononeuritis	8	- X			X		X	
Mononeuropathy	8	- X			X			
Mononeuropathy multiplex	1	-				X		
Mononuclear cell count abnormal	1	- X						
Monoparesis	260	- X	X	X	X	X	X	
Monoplegia	335	- X	X	X	X	X	X	
Mood altered	192	- X			X		X	
Mood disorder due to a general medical condition	2	- X			X			
Mood swings	366	- X	X	X	X	X	X	
Morbid thoughts	6	- X			X			
Morning sickness	29	- X	X	X	X	X	X	
Morose	2	-			X			
Morphoea	6	- X					X	
Morton's neuralgia	5	- X			X			
Morvan syndrome	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Motion sickness	229	-	X	X	X		X	
Motor dysfunction	32	-	X		X		X	
Motor neurone disease	33	6	X	X	X		X	
Mouth breathing	18	-	X		X	X	X	
Mouth cyst	21	-	X		X			
Mouth haemorrhage	98	-	X	X	X	X	X	
Mouth injury	7	-	X		X			
Mouth swelling	303	-	X	X	X	X	X	
Mouth ulceration	1,477	-	X	X	X	X	X	X
Movement disorder	245	-	X	X	X	X	X	
Mucocutaneous haemorrhage	3	-	X					
Mucocutaneous ulceration	1	-			X			
Mucopolipidosis	1	-	X					
Mucosa vesicle	3	-	X		X			
Mucosal discolouration	2	-					X	
Mucosal disorder	5	-	X		X		X	
Mucosal dryness	2	-	X		X			
Mucosal haemorrhage	22	-	X		X			
Mucosal inflammation	17	-	X		X	X	X	
Mucosal pain	3	-	X				X	
Mucosal ulceration	2	-	X		X			
Mucous membrane pemphigoid	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mucous stools	31	-	X		X	X	X	
Multigravida	1	-			X			
Multiple allergies	57	-	X	X	X		X	
Multiple cardiac defects	1	-	X					
Multiple congenital abnormalities	1	-			X			
Multiple fractures	3	-	X		X			
Multiple injuries	6	-	X		X		X	
Multiple organ dysfunction syndrome	29	23	X	X	X	X	X	
Multiple sclerosis	147	-	X	X	X	X	X	
Multiple sclerosis pseudo relapse	5	-	X		X		X	
Multiple sclerosis relapse	105	-	X	X	X	X	X	
Multiple sclerosis relapse prophylaxis	5	-	X		X			
Multiple use of single-use product	1	-		X				
Multisystem inflammatory syndrome	3	-	X					
Multisystem inflammatory syndrome in adults	1	-			X			
Multisystem inflammatory syndrome in children	6	-			X			
Mumps	27	-	X		X		X	
Muscle abscess	1	-	X					
Muscle atrophy	118	-	X	X	X	X	X	
Muscle contractions involuntary	93	-	X		X	X	X	
Muscle contracture	10	-	X		X		X	
Muscle discomfort	35	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Muscle disorder	37	- X	X	X			X	
Muscle enzyme	1	-			X			
Muscle enzyme increased	1	- X						
Muscle fatigue	1,625	- X	X	X	X	X	X	
Muscle haemorrhage	7	- X			X		X	
Muscle hernia	1	-			X			
Muscle hypertrophy	1	- X						
Muscle hypoxia	1	-			X			
Muscle injury	133	- X	X	X	X	X	X	
Muscle mass	21	- X			X		X	
Muscle mass percentage	1	- X						
Muscle necrosis	2	- X						
Muscle oedema	12	- X	X	X				
Muscle relaxant therapy	3	- X						
Muscle rigidity	105	- X	X	X	X	X	X	
Muscle rupture	35	- X			X	X	X	
Muscle spasms	7,527	- X	X	X	X	X	X	
Muscle spasticity	73	- X			X	X	X	
Muscle strain	121	- X	X	X	X	X	X	
Muscle strength abnormal	16	- X			X	X	X	
Muscle swelling	103	- X			X	X	X	
Muscle tension dysphonia	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Muscle tightness	384	-	X	X	X	X	X	X
Muscle tone disorder	1	-			X			
Muscle twitching	1,529	-	X	X	X	X	X	X
Muscular weakness	4,384	-	X	X	X	X	X	X
Musculoskeletal chest pain	885	-	X	X	X	X	X	
Musculoskeletal deformity	1	-			X			
Musculoskeletal discomfort	368	-	X	X	X	X	X	
Musculoskeletal disorder	23	-	X	X			X	
Musculoskeletal injury	2	-	X		X			
Musculoskeletal pain	335	-	X	X	X	X	X	
Musculoskeletal stiffness	5,159	-	X	X	X	X	X	
Mutism	11	-	X		X		X	
Myalgia	46,027	-	X	X	X	X	X	X
Myalgia intercostal	6	-	X		X		X	
Myasthenia gravis	56	-	X	X	X		X	X
Myasthenia gravis crisis	7	-	X		X			
Myasthenic syndrome	2	-			X		X	
Mycotoxicosis	1	-			X			
Mydriasis	67	-	X		X		X	
Myelin oligodendrocyte glycoprotein antibody-associated disease	1	-	X					
Myelitis	49	-	X		X		X	
Myelitis transverse	195	2	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Myelodysplastic syndrome	6	1	X		X		X	
Myeloid leukaemia	1	-	X					
Myelopathy	13	-	X		X			
Myeloproliferative neoplasm	2	-	X		X			
Myelosuppression	7	-	X		X			
Myocardial fibrosis	20	-	X		X		X	
Myocardial haemorrhage	1	-			X			
Myocardial infarction	951	151	X	X	X	X	X	
Myocardial injury	79	-	X	X	X	X	X	X
Myocardial ischaemia	37	31	X	X	X	X	X	
Myocardial necrosis	1	-			X			
Myocardial necrosis marker	2	-	X		X			
Myocardial necrosis marker increased	6	-	X		X		X	
Myocardial oedema	12	-	X		X		X	
Myocardial rupture	4	-	X		X			
Myocardial strain imaging	26	-	X		X			
Myocarditis	1,340	16	X	X	X	X	X	X
Myocarditis bacterial	1	-			X			
Myocarditis infectious	2	-	X		X			
Myocarditis mycotic	4	-			X	X	X	
Myocarditis post infection	3	-	X		X			
Myocarditis septic	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Myoclonic epilepsy	6	-	X				X	
Myoclonus	79	-	X	X	X	X		
Myofascial pain syndrome	49	-	X	X	X			
Myofascial spasm	1	-			X			
Myoglobinuria	1	-			X			
Myopathy	19	-	X		X	X		
Myopericarditis	172	-	X	X	X	X	X	
Myopia	13	-	X		X		X	
Myopic chorioretinal degeneration	1	-	X					
Myosclerosis	1	-					X	
Myositis	150	2	X	X	X	X	X	
Myotonic dystrophy	1	-	X					
Myxoedema	1	-			X			
Myxoid cyst	2	-	X					
Nail avulsion	1	-			X			
Nail bed bleeding	5	-	X		X			
Nail bed disorder	2	-	X					
Nail bed inflammation	1	-	X					
Nail bed tenderness	2	-	X					
Nail discolouration	36	-	X		X		X	
Nail disorder	21	-	X		X		X	
Nail growth abnormal	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Nail hypertrophy	1	-	X					
Nail infection	3	-			X		X	
Nail injury	1	-	X					
Nail necrosis	1	-	X					
Nail operation	6	-	X		X			
Nail pigmentation	4	-	X		X			
Nail pitting	1	-	X					
Nail psoriasis	5	-	X		X			
Nail ridging	13	-	X		X		X	
Narcolepsy	36	-	X		X		X	
Nasal abscess	1	-	X					
Nasal cavity cancer	1	-	X					
Nasal congestion	975	-	X	X	X	X	X	
Nasal crusting	10	-	X		X		X	
Nasal cyst	2	-	X					
Nasal discharge discolouration	6	-	X		X			
Nasal discomfort	77	-	X	X	X		X	
Nasal disorder	14	-	X		X			
Nasal dryness	113	-	X		X		X	
Nasal flaring	2	-	X		X			
Nasal herpes	22	-	X		X		X	
Nasal inflammation	18	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Nasal injury	7	- X			X	X	X	
Nasal irrigation	1	- X						
Nasal mucosal blistering	1	- X						
Nasal mucosal discolouration	2	- X			X			
Nasal obstruction	6	- X	X	X				
Nasal odour	12	- X			X	X	X	
Nasal oedema	28	- X			X		X	
Nasal polyps	6	- X			X			
Nasal pruritus	30	- X			X		X	
Nasal septum deviation	2	- X			X			
Nasal septum perforation	1	- X						
Nasal ulcer	8	- X			X			
Nasal vestibulitis	1	- X						
Nasopharyngeal swab	1	-			X			
Nasopharyngitis	3,722	1 X	X	X	X	X	X	X
Natural killer cell count increased	1	- X						
Nausea	58,080	- X	X	X	X	X	X	X
Near death experience	6	- X			X		X	
Neck crushing	2	- X			X			
Neck deformity	1	-			X			
Neck injury	4	- X			X			
Neck lift	2	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neck mass	97	-	X		X	X	X	X
Neck pain	6,413	-	X	X	X	X	X	X
Necrobiosis lipoidica diabetorum	1	-			X			
Necrosis	14	-	X		X		X	
Necrotic lymphadenopathy	4	-			X			
Necrotising fasciitis	3	-	X		X			
Necrotising myositis	1	-		X				
Necrotising ulcerative gingivostomatitis	1	-					X	
Needle fatigue	1	-	X					
Needle issue	16	-	X		X			
Needle track marks	10	-	X		X		X	
Negative thoughts	18	-	X		X		X	
Neonatal alloimmune thrombocytopenia	2	-			X		X	
Neonatal epileptic seizure	1	-			X			
Neonatal insufficient breast milk syndrome	16	-	X		X		X	
Neonatal intestinal obstruction	1	-			X			
Neonatal seizure	1	-	X					
Neoplasm	5	-	X		X			
Neoplasm malignant	42	9	X	X	X	X	X	
Neoplasm progression	1	-	X					
Neoplasm recurrence	10	-	X		X			
Neoplasm skin	8	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neovascular age-related macular degeneration	19	- X			X			
Neovascularisation	1	- X						
Nephritis	12	- X			X		X	
Nephrocalcinosis	1	- X						
Nephrolithiasis	49	- X	X	X			X	
Nephropathy	4	- X			X			
Nephrosclerosis	1	- X						
Nephrotic syndrome	62	- X	X	X	X			
Nerve block	11	- X	X	X				
Nerve compression	102	- X	X	X	X	X	X	
Nerve conduction studies	2	- X			X			
Nerve conduction studies abnormal	2	- X						
Nerve degeneration	3	- X			X			
Nerve injury	453	- X	X	X	X	X	X	
Nerve root injury lumbar	1	-					X	
Nerve stimulation test abnormal	1	- X						
Nervous system disorder	168	- X	X	X	X	X	X	X
Nervous system injury	9	- X			X		X	
Nervousness	938	- X	X	X	X	X	X	
Neural tube defect	-	1 X						
Neuralgia	2,727	- X	X	X	X	X	X	
Neuralgic amyotrophy	35	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neurilemmoma benign	1	-			X			
Neuritis	38	-	X		X		X	
Neurodermatitis	14	-	X	X	X	X	X	
Neuroendocrine carcinoma of the skin	2	-	X		X			
Neuroendocrine tumour	2	-	X		X			
Neurofibromatosis	2	-	X		X			
Neurogenic bladder	7	-	X		X			
Neurogenic bowel	3	-	X					
Neurogenic hypertension	1	-	X					
Neurogenic shock	35	-	X		X		X	
Neurologic neglect syndrome	4	-	X		X			
Neurological decompensation	5	-	X	X				
Neurological examination	1	-	X					
Neurological examination abnormal	1	-	X					
Neurological examination normal	1	-	X					
Neurological rehabilitation	1	-	X					
Neurological symptom	300	1	X	X	X		X	
Neurolysis	1	-			X			
Neuroma	1	-			X			
Neuromuscular pain	11	-	X		X		X	
Neuromyelitis optica spectrum disorder	10	-	X		X			
Neuromyopathy	4	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neuromyotonia	1	- X						
Neuropathic muscular atrophy	4	- X						
Neuropathy peripheral	643	- X		X	X	X	X	
Neuropsychological symptoms	2	- X						
Neurosarcoidosis	5	- X						
Neurosensory hypoacusis	2	- X						
Neurosis	4	- X			X			
Neurosyphilis	1	- X						
Neurotoxicity	9	- X			X			
Neurotransmitter level altered	1	- X						
Neurovascular conflict	2	- X						
Neutropenia	147	- X		X	X	X	X	
Neutropenic sepsis	13	1 X			X			
Neutrophil count	9	- X			X		X	
Neutrophil count abnormal	1	- X						
Neutrophil count decreased	45	- X			X	X	X	
Neutrophil count increased	7	- X			X			
Neutrophil toxic granulation present	1	- X						
Neutrophilia	27	- X			X			
Neutrophilic dermatosis	2	- X			X			
New daily persistent headache	35	- X			X	X	X	
Nicotine dependence	3	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Night blindness	8	-	X				X	
Night sweats	3,633	-	X	X	X	X	X	
Nightmare	831	-	X	X	X	X	X	
NIH stroke scale score increased	1	-			X			
Nipple disorder	2	-	X		X			
Nipple exudate bloody	1	-	X					
Nipple inflammation	4	-	X		X			
Nipple pain	93	1	X		X		X	
Nipple swelling	10	-	X		X		X	
No adverse event	28	-	X		X	X	X	
No reaction on previous exposure to drug	48	-	X	X	X	X	X	
Nocturia	35	-	X	X	X	X	X	
Nocturnal dyspnoea	2	-			X			
Nocturnal emission	1	-					X	
Nodal arrhythmia	2	-			X			
Nodal osteoarthritis	2	-	X		X			
Nodular rash	1	-	X					
Nodular vasculitis	1	-	X					
Nodule	92	-	X	X	X	X	X	X
Non-24-hour sleep-wake disorder	3	-	X		X			
Non-alcoholic fatty liver	1	-	X					
Non-cardiac chest pain	90	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Non-Hodgkin's lymphoma	6	1	X		X		X	
Non-Hodgkin's lymphoma stage IV	3	-	X		X	X		
Noninfective encephalitis	30	-	X		X		X	
Noninfective gingivitis	45	-	X		X		X	
Noninfective oophoritis	9	-	X		X			
Noninfective sialoadenitis	4	-	X		X			
Nonspecific reaction	5	-	X		X			
Non-tobacco user	13	-	X		X			
Norepinephrine increased	4	-	X				X	
Normal newborn	1	-			X			
Normocytic anaemia	6	-	X		X		X	
Norovirus infection	2	-	X					
Nose deformity	1	-			X			
Nosocomial infection	1	-			X			
Nothing by mouth order	24	-	X	X	X			
NSAID exacerbated respiratory disease	1	-	X					
N-terminal prohormone brain natriuretic peptide increased	2	-	X		X			
Nuchal rigidity	38	-	X		X		X	
Numb chin syndrome	6	-	X		X	X		
Nystagmus	51	-	X	X	X	X	X	
Obesity	4	-	X		X			
Obsessive thoughts	3	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Obsessive-compulsive disorder	2	-	X					
Obsessive-compulsive symptom	2	-	X		X			
Obstructed labour	1	-			X			
Obstructive airways disorder	17	-	X		X		X	
Obstructive pancreatitis	1	1	X		X			
Obstructive sleep apnoea syndrome	3	-			X		X	
Occipital neuralgia	51	-	X		X	X	X	
Occult blood	1	-	X					
Occupational exposure to product	2	-	X		X			
Occupational exposure to SARS-CoV-2	1	-			X			
Occupational exposure to toxic agent	1	-					X	
Occupational therapy	1	-	X					
Ocular discomfort	154	-	X		X	X	X	
Ocular hyperaemia	858	-	X	X	X	X	X	
Ocular hypertension	1	-			X			
Ocular icterus	3	-	X		X			
Ocular myasthenia	11	-	X	X	X			
Ocular retrobulbar haemorrhage	1	-	X					
Ocular rosacea	2	-	X					
Ocular sarcoidosis	1	-						
Ocular vascular disorder	4	-	X		X			
Ocular vasculitis	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oculofacial paralysis	1	-	X					
Odynophagia	94	-	X	X	X		X	
Oedema	248	-	X	X	X	X	X	
Oedema blister	3	-	X				X	
Oedema mouth	5	-	X		X			
Oedema mucosal	6	-	X		X		X	
Oedema peripheral	341	-	X	X	X	X	X	
Oedematous kidney	1	-	X					
Oesophageal achalasia	7	-	X		X		X	
Oesophageal cancer metastatic	10	-	X		X			
Oesophageal carcinoma	5	-	X				X	
Oesophageal discomfort	1	-	X					
Oesophageal disorder	5	-	X		X		X	
Oesophageal hypomotility	1	-	X					
Oesophageal motility disorder	2	-			X			
Oesophageal obstruction	1	-	X					
Oesophageal pain	26	-	X		X		X	
Oesophageal rupture	-	1	X					
Oesophageal spasm	18	-	X		X			
Oesophageal squamous cell carcinoma	1	-	X					
Oesophageal stenosis	3	-			X			
Oesophageal ulcer	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oesophageal varices haemorrhage	1	-			X			
Oesophagitis	35	-	X	X	X	X	X	
Oestradiol	2	-	X					
Oestradiol abnormal	1	-			X			
Oestradiol decreased	1	-	X					
Oestriol	1	-	X					
Oestrogen deficiency	1	-			X			
Oestrogenic effect	1	-	X					
Off label use	829	-	X	X	X	X	X	X
Oil acne	1	-			X			
Olfactory test	1	-	X					
Oligoarthritis	3	-	X		X			
Oligohydramnios	1	-			X			
Oligomenorrhoea	408	-	X		X		X	
Oliguria	15	-	X		X	X	X	
Omental infarction	1	-			X			
Omphalitis	1	-	X					
Onychalgia	18	-	X		X		X	
Onychoclasia	30	-	X		X		X	
Onycholysis	4	-	X					
Onychomadesis	17	-	X		X	X	X	
Onychomycosis	6	-			X	X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ophthalmic herpes simplex	7	-	X	X	X		X	
Ophthalmic herpes zoster	19	-	X		X		X	
Ophthalmic migraine	44	-	X		X			
Ophthalmic vein thrombosis	5	-	X		X			
Ophthalmological examination	11	-	X		X		X	
Ophthalmological examination abnormal	1	-	X					
Ophthalmoplegia	32	-	X		X		X	X
Ophthalmoplegic migraine	3	-	X		X			
Opiates	1	-			X			
Opisthotonus	5	-	X		X			
Opitz-G/BBB syndrome	1	-	X					
Opportunistic infection	1	-			X			
Optic atrophy	3	-	X		X			
Optic disc disorder	1	-			X			
Optic disc drusen	1	-	X					
Optic disc haemorrhage	3	-	X		X			
Optic discs blurred	5	-	X	X			X	
Optic ischaemic neuropathy	21	-	X	X	X		X	
Optic nerve compression	2	-	X					
Optic nerve disorder	6	-	X		X			
Optic nerve injury	14	-	X		X		X	
Optic nerve sheath haemorrhage	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Optic neuritis	132	-	X		X	X	X	
Optic neuropathy	12	-	X					
Optic perineuritis	1	-			X			
Oral allergy syndrome	8	-	X		X			
Oral blood blister	81	-	X		X		X	
Oral candidiasis	127	-	X	X	X	X	X	
Oral contraception	4	-	X		X			
Oral contusion	23	-	X		X	X	X	
Oral discharge	1	-	X					
Oral discomfort	237	-	X	X	X	X	X	
Oral disorder	54	-	X		X	X	X	
Oral dysaesthesia	2	-	X		X			
Oral fungal infection	4	-	X		X			
Oral herpes	1,336	-	X	X	X	X	X	X
Oral infection	3	-	X		X		X	
Oral lichen planus	44	-	X	X	X	X		
Oral lichenoid reaction	1	-			X			
Oral mucosa erosion	2	-			X		X	
Oral mucosal blistering	58	-	X		X	X	X	
Oral mucosal discolouration	3	-	X		X			
Oral mucosal eruption	63	-	X		X	X	X	
Oral mucosal erythema	14	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oral mucosal exfoliation	25	-	X	X	X	X	X	
Oral mucosal hypertrophy	1	-			X			
Oral mucosal roughening	7	-	X		X		X	
Oral mucosal scab	2	-			X			
Oral mucosal scar	1	-			X			
Oral pain	639	-	X	X	X	X	X	
Oral papule	4	-	X		X			
Oral pruritus	48	-	X		X		X	
Oral purpura	4	-	X		X			
Oral pustule	4	-	X		X			
Oral viral infection	2	-			X			
Orbital infection	1	-			X			
Orbital myositis	3	-	X				X	
Orbital oedema	5	-	X		X	X		
Orchitis	19	-	X		X		X	
Orchitis noninfective	1	-	X					
Organ failure	11	3	X	X	X			
Organic erectile dysfunction	43	-	X		X		X	
Organising pneumonia	2	-			X			
Orgasm abnormal	6	-	X		X		X	
Orgasmic sensation decreased	6	-	X		X		X	
Orofacial granulomatosis	1	-				X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oropharyngeal blistering	40	-	X		X		X	
Oropharyngeal discolouration	2	-	X		X			
Oropharyngeal discomfort	130	-	X	X	X	X	X	
Oropharyngeal pain	8,723	-	X	X	X	X	X	X
Oropharyngeal plaque	3	-	X		X			
Oropharyngeal swelling	2	-	X					
Orthopaedic examination	1	-			X			
Orthopnoea	8	-	X	X	X			
Orthostatic heart rate response increased	1	-	X					
Orthostatic hypertension	3	-			X			
Orthostatic hypotension	103	-	X		X	X	X	
Orthostatic intolerance	24	-	X	X	X		X	
Os trigonum	1	-	X					
Oscillopsia	4	-	X		X			
Osmophobia	1	-			X			
Osteitis	26	-	X		X	X	X	
Osteoarthritis	226	-	X	X	X	X	X	
Osteochondral fracture	2	-	X		X			
Osteochondritis	1	-			X			
Osteochondrosis	1	-	X					
Osteoma	1	-	X					
Osteomyelitis	8	1	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Osteomyelitis acute	2	-			X			
Osteomyelitis chronic	1	-			X			
Osteonecrosis	8	- X			X			
Osteonecrosis of jaw	7	- X			X			
Osteopenia	7	- X			X			
Osteoporosis	27	- X			X	X		
Osteoporotic fracture	6	- X			X			
Osteosclerosis	2	- X						
Otitis externa	17	- X			X		X	
Otitis media	15	- X		X	X			
Otitis media acute	1	-			X			
Otitis media chronic	21	- X		X	X			
Otorrhoea	18	- X			X			
Otosalpingitis	2	- X					X	
Otosclerosis	1	-						
Ototoxicity	1	-			X			
Ovarian abscess	2	- X			X			
Ovarian adhesion	1	- X						
Ovarian cancer	12	- X			X			
Ovarian cancer recurrent	2	- X						
Ovarian cancer stage IV	1	- X						
Ovarian cyst	81	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ovarian cyst ruptured	6	-	X		X			
Ovarian enlargement	4	-	X		X			
Ovarian failure	5	-	X		X			
Ovarian haemorrhage	14	-	X		X			
Ovarian hyperstimulation syndrome	2	-	X		X			
Ovarian injury	1	-	X					
Ovarian mass	4	-	X		X			
Ovarian necrosis	2	-	X		X			
Ovarian neoplasm	2	-	X		X			
Ovarian oedema	1	-	X					
Ovarian operation	1	-			X			
Ovarian vein thrombosis	2	-	X					
Overdose	126	-	X		X	X	X	
Overfeeding of infant	1	-	X					
Overgrowth fungal	2	-	X				X	
Oversensing	62	-	X	X	X	X	X	
Overweight	5	-	X	X	X		X	
Ovulation delayed	67	-	X	X	X		X	
Ovulation disorder	5	-			X			
Ovulation induction	4	-	X		X			
Ovulation pain	180	-	X		X		X	
Oxidative stress	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oxycorticosteroids increased	1	-	X					
Oxygen consumption	3	-	X		X			
Oxygen consumption decreased	3	-			X		X	
Oxygen saturation	43	-	X		X	X	X	
Oxygen saturation abnormal	8	-	X		X		X	X
Oxygen saturation decreased	372	-	X	X	X	X	X	
Oxygen saturation increased	1	-		X				
Oxygen saturation normal	1	-	X					
Pacemaker generated rhythm	1	-	X					
Pachymeningitis	1	-		X				
Packaging design issue	1	-			X			
Paediatric acute-onset neuropsychiatric syndrome	1	-			X			
Pain	33,280	-	X	X	X	X	X	X
Pain assessment	1	-				X		
Pain in extremity	46,716	2	X	X	X	X	X	X
Pain in jaw	1,257	-	X	X	X	X	X	
Pain of skin	1,575	-	X	X	X	X	X	
Pain threshold decreased	1	-			X			
Painful ejaculation	4	-	X		X		X	
Painful erection	4	-	X		X			
Painful respiration	37	1	X		X		X	
Palatal disorder	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Palatal oedema	5	-	X		X			
Palatal swelling	19	-	X		X			
Palatal ulcer	2	-			X			
Palate injury	4	-	X		X		X	
Palindromic rheumatism	16	-	X	X	X		X	
Pallor	1,057	-	X	X	X	X	X	
Palmar erythema	12	-	X	X	X			
Palmar-plantar erythrodysesthesia syndrome	7	-	X		X		X	
Palmoplantar keratoderma	14	-	X					
Palmoplantar pustulosis	12	-	X	X	X		X	
Palpatory finding abnormal	4	-	X		X		X	
Palpitations	17,820	1	X	X	X	X	X	X
Pancreas divisum	1	-				X		
Pancreatic carcinoma	10	1	X		X			
Pancreatic carcinoma metastatic	1	-	X					
Pancreatic cyst	1	-	X					
Pancreatic disorder	6	-	X	X	X			
Pancreatic enzymes increased	1	-	X					
Pancreatic failure	5	-	X	X	X			
Pancreatic injury	1	-	X					
Pancreatic mass	2	-	X		X			
Pancreatic neuroendocrine tumour	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pancreatic pseudocyst	1	-	X					
Pancreatic steatosis	1	-	X					
Pancreatitis	73	2	X	X	X		X	
Pancreatitis acute	44	1	X		X		X	
Pancreatitis chronic	3	-	X		X			
Pancreatitis necrotising	6	1	X	X	X		X	
Pancytopenia	35	1	X		X	X	X	
Panic attack	763	-	X	X	X	X	X	
Panic disorder	22	-	X	X	X		X	
Panic reaction	97	-	X	X	X	X	X	
Panniculitis	10	-	X		X			
Papillary cystadenoma lymphomatosum	1	-	X					
Papillary thyroid cancer	2	-			X			
Papillitis	2	-	X		X			
Papilloedema	29	-	X	X	X		X	
Papilloma	1	-			X			
Papilloma viral infection	3	-	X		X			
Papillophlebitis	2	-			X		X	
Papule	274	-	X		X		X	
Papulopustular rosacea	2	-	X		X			
Paradoxical embolism	2	-	X					
Paraesthesia	18,043	1	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Paraesthesia ear	2	- X			X			
Paraesthesia oral	2,269	- X	X	X	X	X	X	X
Parakeratosis	1	- X						
Paralysis	641	1 X	X	X	X	X	X	
Paralytic disability	1	- X						
Paralytic lagophthalmos	3	- X			X			
Parametritis	1	-	X					
Paramnesia	18	- X			X		X	
Paranasal sinus discomfort	149	- X	X	X	X	X	X	
Paranasal sinus haemorrhage	5	- X						
Paranasal sinus hypersecretion	1	- X						
Paranasal sinus inflammation	9	- X			X			
Paraneoplastic syndrome	4	- X	X	X				
Paranoia	87	- X			X		X	
Paraparesis	14	- X			X		X	
Paraplegia	9	- X			X			
Parapsoriasis	18	- X			X	X	X	
Parasomnia	6	- X			X			
Paratracheal lymphadenopathy	1	-				X		
Paravaccinia	1	- X						
Parenteral nutrition	1	- X						
Paresis	26	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Paresis cranial nerve	2	-	X					
Parinaud syndrome	1	-	X					
Parity	1	-			X			
Parkinsonian gait	3	-	X		X			
Parkinsonian rest tremor	1	-			X			
Parkinsonism	19	2	X		X		X	
Parkinson's disease	31	-	X		X			
Paronychia	4	-			X		X	
Parophthalmia	2	-	X		X			
Parosmia	915	-	X	X	X	X	X	
Parotid gland enlargement	29	-	X		X		X	
Parotitis	33	-	X	X	X			
Paroxysmal arrhythmia	4	-	X		X		X	
Paroxysmal extreme pain disorder	19	-	X	X	X	X	X	
Partial seizures	112	-	X	X	X	X	X	
Partial seizures with secondary generalisation	1	-			X			
Partner stress	1	-	X					
Paruresis	1	-					X	
Patella fracture	1	-	X					
Patellofemoral pain syndrome	10	-	X		X			
Paternal exposure before pregnancy	3	-			X			
Paternal exposure during pregnancy	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pathergy reaction	1	-			X			
Pathogen resistance	4	- X			X			
Pathological fracture	2	- X	X					
Patient dissatisfaction with treatment	1	-			X			
Patient elopement	4	- X			X			
Patient-device incompatibility	2	- X						
PCO2 increased	1	-			X			
Peak expiratory flow rate	3	- X			X			
Peak expiratory flow rate abnormal	1	- X						
Peak expiratory flow rate decreased	15	- X			X			
Pectus excavatum	2	-			X		X	
Pedantic speech	1	- X						
Pelvic bone injury	1	- X						
Pelvic congestion	4	-			X			
Pelvic discomfort	11	- X			X		X	
Pelvic floor muscle weakness	2	-	X		X			
Pelvic fluid collection	1	-			X			
Pelvic fracture	2	-			X			
Pelvic girdle pain	2	- X						
Pelvic haematoma	1	- X						
Pelvic haemorrhage	54	- X			X	X	X	
Pelvic infection	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pelvic inflammatory disease	4	-	X		X			
Pelvic mass	1	-	X					
Pelvic misalignment	2	-	X		X			
Pelvic organ prolapse	1	-	X					
Pelvic pain	383	-	X	X	X	X	X	
Pelvic sepsis	1	-	X					
Pelvic venous thrombosis	31	1	X	X	X		X	
Pemphigoid	116	1	X	X	X	X	X	
Pemphigus	24	-	X		X		X	
Penetrating abdominal trauma	1	-	X					
Penetrating aortic ulcer	1	-	X					
Penile blister	7	-	X		X			
Penile burning sensation	1	-	X					
Penile cancer	1	-	X					
Penile contusion	4	-	X		X			
Penile curvature	4	-	X					
Penile dermatitis	1	-			X			
Penile discharge	6	-	X		X			
Penile discomfort	2	-			X			
Penile erosion	1	-	X					
Penile erythema	1	-			X			
Penile exfoliation	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Penile gangrene	1	-	X					
Penile haemorrhage	10	-	X		X			
Penile oedema	4	-	X		X			
Penile pain	6	-	X		X		X	
Penile size reduced	3	-	X		X			
Penile swelling	7	-	X		X			
Penis disorder	31	-	X		X		X	
Penis injury	5	-	X		X			
Penoscrotal fusion	4	-	X		X			
Peptic ulcer	4	-	X		X		X	
Peptic ulcer haemorrhage	29	-	X	X	X	X	X	
Perforation	5	-	X		X		X	
Performance fear	2	-	X		X			
Performance status decreased	1	-	X					
Perfume sensitivity	3	-		X			X	
Periarthritis	1,038	-	X	X	X	X	X	
Pericardial cyst	1	-			X			
Pericardial disease	2	-	X		X			
Pericardial effusion	122	2	X	X	X	X	X	X
Pericardial excision	2	-	X					
Pericardial fibrosis	1	-			X			
Pericardial haemorrhage	10	10	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pericardial lipoma	1	-			X			
Pericardial rub	6	-	X		X		X	
Pericarditis	1,096	3	X	X	X	X	X	X
Pericarditis constrictive	1	4			X		X	
Pericarditis gonococcal	1	-					X	
Pericarditis infective	4	-			X			
Pericarditis lupus	1	-			X			
Perichondritis	4	-	X		X			
Pericoronitis	6	-	X		X			
Perinatal stroke	1	-	X					
Perineal disorder	2	-	X					
Perineal pain	5	-	X		X			
Perineal rash	1	-			X			
Perineal ulceration	2	-			X		X	
Periodic limb movement disorder	2	-	X					
Periodontal disease	1	-			X			
Periodontal inflammation	1	-			X			
Periodontitis	3	-	X		X			
Perioral dermatitis	8	-	X		X			
Periorbital cellulitis	8	-	X		X			
Periorbital discomfort	1	-	X					
Periorbital haematoma	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Periorbital haemorrhage	2	-	X					
Periorbital infection	2	-			X			
Periorbital oedema	48	-	X		X		X	
Periorbital pain	9	-	X		X			
Periorbital swelling	292	-	X	X	X	X	X	
Peripancreatic fluid collection	1	-	X					
Peripartum cardiomyopathy	2	-	X		X			
Peripheral arterial occlusive disease	10	-	X		X	X		
Peripheral artery aneurysm	5	-	X		X			
Peripheral artery occlusion	11	-	X		X			
Peripheral artery thrombosis	26	-	X	X	X			
Peripheral circulatory failure	10	-	X		X			
Peripheral coldness	2,132	-	X	X	X	X	X	
Peripheral embolism	18	-	X		X		X	
Peripheral ischaemia	58	2	X		X	X	X	
Peripheral motor neuropathy	5	-	X	X	X			
Peripheral nerve injury	6	-	X		X			X
Peripheral nerve lesion	4	-	X		X			
Peripheral nerve neurostimulation	1	-			X			
Peripheral nerve palsy	1	-	X					
Peripheral paralysis	2	-	X					
Peripheral sensorimotor neuropathy	7	-	X		X	X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Peripheral sensory neuropathy	44	-	X	X	X		X	
Peripheral swelling	13,933	-	X	X	X	X	X	
Peripheral vascular disorder	16	-	X		X		X	
Peripheral vein thrombus extension	2	-	X					
Peripheral venous disease	16	-	X		X		X	
Periprosthetic osteolysis	1	-			X			
Peritoneal disorder	1	-			X			
Peritonitis	8	2	X		X		X	
Peritonsillar abscess	8	-	X		X		X	
Pernicious anaemia	9	-	X		X			
Pernio-like erythema	2	-			X	X		
Peroneal nerve palsy	55	-	X	X	X	X	X	
Persistent generalised lymphadenopathy	2	-	X		X			
Persistent genital arousal disorder	4	-	X		X			
Persistent postural-perceptual dizziness	74	-	X	X	X	X	X	
Personality change	26	-	X		X		X	
Personality disorder	2	-	X		X			
Pertussis	4	-	X		X			
Petechiae	625	-	X	X	X	X	X	
Petit mal epilepsy	85	-	X		X	X	X	
Peyronie's disease	5	-	X		X			
PFAPA syndrome	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
pH urine	19	-	X	X	X		X	
pH urine decreased	2	-	X					
pH urine increased	5	-	X		X			
Phantom limb syndrome	32	-	X		X			
Phantom shocks	6	-	X		X			
Phantom vibration syndrome	2	-	X		X			
Pharyngeal abscess	1	-	X					
Pharyngeal contusion	4	-	X		X			
Pharyngeal enanthema	1	-			X			
Pharyngeal erythema	21	-	X	X	X		X	
Pharyngeal haemorrhage	5	-	X		X		X	
Pharyngeal hypoaesthesia	90	-	X	X	X	X	X	
Pharyngeal inflammation	6	-	X		X			
Pharyngeal lesion	1	-			X			
Pharyngeal mass	1	-			X			
Pharyngeal oedema	34	-	X		X		X	
Pharyngeal paraesthesia	107	-	X	X	X		X	
Pharyngeal swelling	729	-	X	X	X	X	X	
Pharyngeal ulceration	36	-	X		X			
Pharyngitis	95	-	X	X	X	X	X	
Pharyngitis streptococcal	19	-	X		X	X	X	
Phimosis	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Phlebitis	127	- X	X	X	X	X	X	X
Phlebitis superficial	24	- X			X		X	
Phlebotomy	2	- X						
Phobia	8	- X			X		X	
Phobic postural vertigo	3	- X			X			
Phonophobia	13	- X			X	X	X	
Phospholipase A2 activity increased	1	-					X	
Photodermatitis	2	- X						
Photopheresis	1	- X						
Photophobia	1,848	- X	X	X	X	X	X	
Photopsia	601	- X	X	X	X	X	X	
Photosensitivity reaction	292	- X			X	X	X	
Phrenic nerve paralysis	1	-			X			
Phyllodes tumour	1	-					X	
Physical deconditioning	2	-			X			
Physical disability	15	- X			X			
Physical fitness training	5	- X			X			
Physiotherapy	1	- X						
Pica	2	- X						
Pigmentation disorder	43	- X	X	X	X	X	X	
Pigmentation lip	1	-			X			
Piloerection	150	- X			X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pilonidal disease	2	-	X					
Pineal gland cyst	1	-	X					
Pinta	1	-	X					
Piriformis syndrome	6	-	X		X			
Pituitary apoplexy	2	-	X					
Pituitary haemorrhage	2	-	X				X	
Pituitary tumour	4	-	X		X			
Pituitary tumour benign	3	-	X		X			
Pituitary-dependent Cushing's syndrome	1	-			X			
Pityriasis	57	-	X	X	X		X	
Pityriasis alba	1	-			X			
Pityriasis lichenoides et varioliformis acuta	2	-	X		X			
Pityriasis rosea	258	-	X	X	X	X	X	
Pityriasis rubra pilaris	7	-	X	X	X			
Placental calcification	2	-	X		X			
Placental disorder	5	-	X		X			
Placental insufficiency	1	-			X			
Plantar erythema	3	-	X					
Plantar fasciitis	42	-	X	X	X		X	
Plasma cell mastitis	1	-						
Plasma cell myeloma	6	4	X		X	X		
Plasma cell myeloma refractory	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Plasma viscosity	1	-			X			
Plasma viscosity abnormal	2	- X			X			
Plasmacytoma	1	- X						
Plasmapheresis	1	- X						
Platelet anisocytosis	5	- X			X			
Platelet count	8	- X			X			
Platelet count abnormal	3	- X			X			
Platelet count decreased	491	1 X	X	X	X	X	X	
Platelet count increased	27	- X			X	X		
Platelet count normal	2	- X					X	
Platelet disorder	19	- X			X		X	
Platelet factor 4	1	-			X			
Platelet morphology abnormal	1	- X						
Plateletcrit	1	- X						
Platybasia	1	-			X			
Pleocytosis	4	- X						
Pleomorphic leiomyosarcoma	1	- X						
Plethoric face	1	- X						
Pleural effusion	129	1 X	X	X	X	X	X	
Pleural infection	2	- X					X	
Pleural rub	3	- X			X			
Pleural thickening	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pleurisy	118	-	X	X	X		X	
Pleurisy viral	3	-	X		X			
Pleuritic pain	88	-	X		X	X	X	
Pleuropericarditis	2	-			X		X	
Plicated tongue	8	-	X		X			
Pneumocystis jirovecii pneumonia	3	-	X		X			
Pneumonia	547	60	X	X	X	X	X	
Pneumonia aspiration	37	15	X		X	X	X	
Pneumonia bacterial	11	1	X		X			
Pneumonia cytomegaloviral	1	-					X	
Pneumonia fungal	6	-	X		X		X	
Pneumonia klebsiella	1	-	X					
Pneumonia pneumococcal	2	-	X		X			
Pneumonia staphylococcal	2	-	X		X			
Pneumonia viral	19	3	X		X		X	
Pneumonitis	84	3	X		X	X	X	
Pneumoperitoneum	1	-	X					
Pneumothorax	36	-	X	X	X		X	
Pneumothorax spontaneous	8	-	X		X			
PO2 decreased	1	-			X			
POEMS syndrome	1	-			X			
Poikilocytosis	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Poikilothermia	1	-			X			
Poisoning	22	-	X		X			
Pollakiuria	582	-	X	X	X	X	X	
Polyarteritis nodosa	2	-	X					
Polyarthritits	47	-	X		X	X	X	
Polychondritis	7	-	X	X	X			
Polychromasia	6	-	X		X			
Polycystic ovarian syndrome	92	-	X		X		X	
Polycystic ovaries	17	-	X		X		X	
Polycythaemia	12	-	X		X	X		
Polycythaemia vera	1	-	X					
Polydipsia	26	-	X		X	X	X	
Polyglandular disorder	1	-					X	
Polyhydramnios	1	-			X			
Polymenorrhoea	2,033	-	X	X	X	X	X	
Polymerase chain reaction	1	-			X			
Polymerase chain reaction positive	38	-	X		X		X	
Polymers allergy	2	-	X		X			
Polymorphic eruption of pregnancy	1	-			X			
Polymorphic light eruption	12	-	X		X			
Polymyalgia rheumatica	303	-	X	X	X	X	X	
Polymyositis	20	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Polyneuropathy	27	-	X	X	X		X	
Polyneuropathy chronic	2	-	X					
Polyp	15	-	X		X		X	
Polypectomy	1	-					X	
Polyuria	47	-	X		X	X	X	
Poor feeding infant	36	-	X		X		X	
Poor peripheral circulation	98	-	X	X	X		X	
Poor quality product administered	10	-	X		X		X	
Poor quality sleep	1,105	-	X	X	X	X	X	X
Poor sucking reflex	4	-	X					
Popliteal pulse	1	-	X					
Porphyria	1	-			X			
Porphyria acute	1	-	X					
Portal hypertension	4	-	X					
Portal hypertensive gastropathy	1	-	X					
Portal vein embolism	1	-	X					
Portal vein phlebitis	2	-	X					
Portal vein thrombosis	101	5	X	X	X		X	
Portosplenomesenteric venous thrombosis	3	-	X		X			
Positron emission tomogram abnormal	1	-			X			
Positron emission tomography-magnetic resonance imaging	1	-					X	
Post cardiac arrest syndrome	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Post coital contraception	1	-					X	
Post concussion syndrome	4	-	X		X			
Post herpetic neuralgia	38	-	X		X		X	
Post lumbar puncture syndrome	12	-	X	X	X			
Post procedural cellulitis	1	-	X					
Post procedural complication	41	-	X		X		X	
Post procedural constipation	1	-			X			
Post procedural contusion	2	-	X					
Post procedural discomfort	2	-	X					
Post procedural erythema	2	-			X		X	
Post procedural haematoma	1	-	X					
Post procedural haemorrhage	1	-	X					
Post procedural inflammation	1	-			X			
Post procedural pruritus	1	-			X			
Post procedural pulmonary embolism	1	-					X	
Post procedural stroke	1	-			X			
Post stroke seizure	1	-			X			
Post thrombotic syndrome	5	-	X					
Post vaccination syndrome	15	-	X	X	X		X	
Post-acute COVID-19 syndrome	115	-	X	X	X	X	X	X
Post-anaphylaxis mast cell anergy	1	-						
Posterior capsule opacification	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Posterior fossa decompression	1	-			X			
Posterior fossa syndrome	1	-	X					
Posterior reversible encephalopathy syndrome	7	-	X		X			
Posterior tibial tendon dysfunction	1	-			X			
Postictal paralysis	3	-	X					
Postictal state	8	-	X		X		X	
Postmastectomy lymphoedema syndrome	1	-	X					
Postmenopausal haemorrhage	490	-	X	X	X	X	X	
Postmenopause	27	-	X	X	X		X	
Postoperative ileus	1	-			X			
Postpartum haemorrhage	6	-			X		X	
Postprandial hypoglycaemia	7	-	X		X			
Post-traumatic headache	3	-	X					
Post-traumatic neck syndrome	8	-	X		X	X		
Post-traumatic neuralgia	1	-			X			
Post-traumatic stress disorder	35	-	X	X	X		X	
Postural orthostatic tachycardia syndrome	171	-	X	X	X	X	X	
Postural tremor	2	-	X					
Posture abnormal	6	-	X	X	X			
Potentiating drug interaction	2	-					X	
Poverty of speech	1	-	X					
Precipitate labour	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pre-eclampsia	8	-	X		X			
Pre-engraftment immune reaction	1	-	X					
Pre-existing condition improved	30	-	X		X		X	
Pre-existing disease	1	-					X	
Pregnancy	66	-	X		X		X	
Pregnancy after post coital contraception	4	-	X		X			
Pregnancy of unknown location	1	-	X					
Pregnancy on contraceptive	8	-	X		X			
Pregnancy on oral contraceptive	2	-			X			
Pregnancy test	36	-	X		X		X	
Pregnancy test false positive	4	-	X		X		X	
Pregnancy test negative	2	-	X					
Pregnancy test positive	1	-			X			
Pregnancy with contraceptive device	2	-			X			
Pregnancy with implant contraceptive	3	-	X		X			
Prehypertension	1	-					X	
Premature ageing	3	-	X					
Premature baby	14	1	X		X		X	
Premature delivery	1	-			X			
Premature ejaculation	6	-	X		X			
Premature labour	18	-	X		X		X	
Premature menarche	41	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Premature menopause	101	-	X		X	X	X	
Premature ovulation	13	-	X		X		X	
Premature rupture of membranes	6	-	X		X			
Premature separation of placenta	6	-			X	X	X	
Premenstrual dysphoric disorder	23	-	X		X		X	
Premenstrual pain	296	-	X		X		X	
Premenstrual syndrome	240	-	X		X	X	X	
Presbyopia	1	-	X					
Prescribed overdose	1	-	X					
Prescribed underdose	1	-						
Prescription drug used without a prescription	6	-	X		X			
Pressure of speech	1	-			X			
Presyncope	1,753	-	X	X	X	X	X	
Preterm premature rupture of membranes	6	-	X		X			
Prevertebral soft tissue swelling of cervical space	1	-	X					
Priapism	4	-	X				X	
Primary cough headache	9	-	X	X	X	X	X	
Primary gastrointestinal follicular lymphoma	1	-			X			
Primary headache associated with sexual activity	25	-	X		X		X	
Primary hyperthyroidism	1	-			X			
Primary hypoparathyroidism	1	-	X					
Primary hypothyroidism	2	-		X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Primary mediastinal large B-cell lymphoma	3	- X	X	X				
Primary stabbing headache	214	- X	X	X	X	X	X	
Prinzmetal angina	5	- X			X	X	X	
Procedural anxiety	1	- X						
Procedural complication	1	- X						
Procedural dizziness	58	- X			X	X	X	
Procedural hypertension	1	- X						
Procedural nausea	40	- X			X	X	X	
Procedural pain	13	- X			X		X	
Procedural site reaction	1	- X						
Procedural vomiting	10	- X			X		X	
Proctalgia	58	- X			X	X	X	
Proctitis	10	- X			X		X	
Proctitis ulcerative	2	-			X			
Product administered at inappropriate site	96	- X			X	X	X	X
Product administered to patient of inappropriate age	41	- X			X	X	X	
Product administration error	63	- X	X	X	X	X	X	X
Product administration interrupted	1	-					X	
Product after taste	12	- X			X		X	
Product availability issue	8	- X			X		X	
Product barcode issue	1	- X						
Product closure issue	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Product colour issue	4	-	X					
Product communication issue	3	-	X				X	
Product complaint	6	-			X		X	
Product container issue	2	-	X					
Product contamination	20	-	X		X			
Product contamination microbial	1	-			X			
Product contamination physical	19	-			X		X	
Product deposit	1	-			X			
Product dispensing error	22	-	X		X		X	
Product dosage form confusion	1	-			X			
Product dose omission in error	4	-	X		X			
Product dose omission issue	69	-	X		X		X	
Product formulation issue	1	-	X					
Product impurity	1	-					X	
Product intolerance	1	-			X			
Product label confusion	19	-	X		X		X	
Product label issue	10	-	X			X	X	
Product leakage	1	-	X					
Product monitoring error	2	-	X			X		
Product odour abnormal	6	-	X		X			
Product origin unknown	9	-	X		X			
Product package associated injury	1	-				X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Product packaging confusion	3	-	X		X			
Product physical issue	4	-	X		X			
Product preparation error	5	-			X			
Product preparation issue	6	-			X			
Product prescribing error	9	-	X		X			
Product quality issue	3	-	X				X	
Product residue present	6	-	X		X		X	
Product selection error	12	-	X		X		X	
Product storage error	19	-	X		X		X	
Product tampering	1	-					X	
Product taste abnormal	18	-	X		X		X	
Product temperature excursion issue	5	-	X					
Product use complaint	3	-			X	X		
Product use in unapproved indication	1	-			X			
Product use issue	60	-	X	X	X			
Product used for unknown indication	4	-	X		X			
Productive cough	538	-	X	X	X	X	X	
Progesterone decreased	3	-	X		X			
Progressive bulbar palsy	2	-		X	X			
Progressive facial hemiatrophy	1	-	X					
Progressive multifocal leukoencephalopathy	1	-		X				
Progressive multiple sclerosis	2	-	X				X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Prolapse	4	-	X		X			
Prolonged labour	1	-	X					
Prolonged pregnancy	1	-						
Promotion of wound healing	2	-	X		X			
Prone position	1	-	X					
Prophylaxis against gastrointestinal ulcer	1	-	X					
Prophylaxis against transplant rejection	1	-			X			
Prophylaxis of nausea and vomiting	49	-	X		X	X	X	
Prosopagnosia	2	-	X					
Prostate cancer	16	-	X		X			
Prostate infection	2	-			X			
Prostatic disorder	1	-			X			
Prostatic pain	5	-	X		X		X	
Prostatic specific antigen decreased	2	-	X			X		
Prostatic specific antigen increased	10	-	X		X			
Prostatism	1	-	X					
Prostatitis	15	-	X	X	X		X	
Prostatitis gonococcal	1	-	X					
Prostatomegaly	9	-	X		X			
Prosthetic cardiac valve thrombosis	2	-			X			
Protein deficiency	1	-	X					
Protein total	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Protein total abnormal	2	-	X		X			
Protein total increased	2	-	X					
Protein urine	5	-	X		X		X	
Protein urine absent	1	-			X			
Protein urine present	3	-	X		X			
Proteinuria	33	-	X	X	X			
Prothrombin level increased	1	-	X					
Prothrombin time	1	-	X					
Prothrombin time prolonged	2	-	X		X			
Prothrombin time shortened	1	-			X			
PRPF8 gene mutation	1	-			X			
Prurigo	3	-	X		X			
Pruritus	20,197	-	X	X	X	X	X	X
Pruritus allergic	1	-	X					
Pruritus genital	31	-	X		X			
Pseudodementia	1	-	X					
Pseudofolliculitis	5	-	X		X			
Pseudohallucination	1	-	X					
Pseudolymphoma	13	-	X		X			
Pseudomonas infection	2	-	X		X			
Pseudopapilloedema	1	-	X					
Pseudophakia	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pseudostroke	7	-	X		X			
Psoas abscess	1	-			X			
Psoriasis	732	-	X	X	X	X	X	
Psoriasis area severity index	1	-	X					
Psoriasis area severity index decreased	3	-	X		X			
Psoriasis area severity index increased	4	-	X		X			
Psoriatic arthropathy	86	-	X		X	X	X	
Psychiatric symptom	37	-	X		X	X	X	
Psychogenic seizure	19	-	X	X	X		X	
Psychogenic tremor	2	-	X					
Psychological factor affecting medical condition	1	-			X			
Psychological trauma	12	-	X		X		X	
Psychomotor hyperactivity	81	-	X	X	X		X	
Psychomotor retardation	2	-			X			
Psychomotor skills impaired	7	-	X		X		X	
Psychotherapy	1	-	X					
Psychotic behaviour	3	-	X		X			
Psychotic disorder	104	1	X	X	X		X	
Psychotic symptom	1	-	X					
Pubic pain	4	-	X		X		X	
Pudendal canal syndrome	3	-			X			
Pulmonary alveolar haemorrhage	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pulmonary arterial hypertension	1	-			X			
Pulmonary arterial pressure abnormal	1	-	X					
Pulmonary artery occlusion	1	-	X					
Pulmonary artery thrombosis	6	-	X		X			
Pulmonary calcification	1	-	X					
Pulmonary cavitation	4	-	X		X			
Pulmonary congestion	54	-	X		X	X	X	
Pulmonary embolism	2,678	185	X	X	X	X	X	X
Pulmonary fibrosis	30	-	X	X	X			
Pulmonary function test	8	-	X		X			
Pulmonary function test decreased	10	-	X		X		X	
Pulmonary haemorrhage	9	1	X		X		X	
Pulmonary hilar enlargement	1	-						
Pulmonary hilum mass	2	-	X		X			
Pulmonary hypertension	15	1	X	X	X		X	
Pulmonary hypoperfusion	2	-	X					
Pulmonary hypoplasia	1	-			X			
Pulmonary infarction	24	1	X		X	X		
Pulmonary mass	27	-	X	X	X		X	
Pulmonary oedema	88	3	X		X	X	X	
Pulmonary oil microembolism	2	-	X					
Pulmonary pain	421	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pulmonary sarcoidosis	9	-	X		X		X	
Pulmonary sepsis	1	-	X					
Pulmonary thrombosis	58	10	X	X	X		X	
Pulmonary toxicity	1	-			X			
Pulmonary tuberculosis	4	-	X		X			
Pulmonary vascular disorder	1	-	X					
Pulmonary vasculitis	1	-	X					
Pulmonary venous thrombosis	4	-	X					
Pulpitis dental	3	-	X		X			
Pulse abnormal	62	-	X		X		X	
Pulse absent	6	-	X		X		X	
Pulse pressure decreased	1	-	X					
Pulse pressure increased	6	-	X		X			
Pulse waveform abnormal	1	-	X					
Pulseless electrical activity	16	-	X		X			
Puncture site bruise	114	-	X	X	X		X	
Puncture site haemorrhage	1	-	X					
Puncture site pain	36	-	X	X	X		X	
Puncture site reaction	4	-	X		X			
Puncture site swelling	4	-	X	X	X			
Pupil constriction procedure	1	-	X					
Pupil dilation procedure	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pupil fixed	20	-	X		X			
Pupillary deformity	1	-	X					
Pupillary disorder	1	-			X			
Pupillary light reflex tests abnormal	1	-	X					
Pupillary reflex impaired	4	-	X					
Purple glove syndrome	2	-			X			
Purpura	256	-	X	X	X	X	X	X
Purpura non-thrombocytopenic	5	-	X		X			
Purpura senile	3	-			X	X		
Purulent discharge	2	-	X		X			
Pustular psoriasis	17	-	X		X			
Pustule	64	-	X		X		X	
Pyelonephritis	13	-	X		X	X		
Pyelonephritis acute	2	-	X	X				
Pyelonephritis chronic	1	-	X					
Pylorospasm	1	-			X			
Pyoderma	3	-	X		X		X	
Pyoderma gangrenosum	8	-	X		X			
Pyogenic granuloma	1	-			X			
Pyometra	2	-	X					
Pyrexia	92,246	1	X	X	X	X	X	X
Pyromania	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pyuria	2	-	X	X				
Q fever	138	-	X		X	X	X	
QRS axis abnormal	3	-	X		X			
Quadrantanopia	3	-	X		X			
Quadripareisis	5	-	X		X			
Quadriplegia	6	1	X		X		X	
Quality of life decreased	29	-	X		X		X	
Rabies	-	1					X	
Radial nerve injury	5	-	X		X	X		
Radial nerve palsy	3	-	X		X			
Radial pulse	1	-	X					
Radial pulse abnormal	1	-			X			
Radiation inflammation	1	-					X	
Radicular pain	2	-	X				X	
Radiculitis brachial	61	-	X	X	X		X	
Radiculopathy	21	-	X	X	X		X	
Radiologically isolated syndrome	1	-		X				
Rales	10	-	X		X	X		
Rapid eye movements sleep abnormal	4	-	X					
Rash	21,821	1	X	X	X	X	X	X
Rash erythematous	5,380	-	X	X	X	X	X	X
Rash follicular	4	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Rash macular	1,712	-	X	X	X	X	X	X
Rash maculo-papular	155	-	X	X	X	X	X	
Rash morbilliform	117	-	X	X	X	X	X	
Rash papular	1,305	-	X	X	X	X	X	X
Rash pruritic	4,328	-	X	X	X	X	X	X
Rash pustular	39	-	X		X		X	
Rash rubelliform	1	-	X					
Rash scarlatiniform	3	-	X		X			
Rash vesicular	229	-	X	X	X	X	X	
Raynaud's phenomenon	291	-	X	X	X	X	X	
Reaction to colouring	3	-	X		X			
Reaction to excipient	27	-	X		X		X	
Reaction to flavouring	1	-	X					
Reaction to preservatives	24	-	X		X			
Reaction to previous exposure to any vaccine	1	-	X					
Reactive perforating collagenosis	1	-			X			
Reading disorder	7	-	X		X	X		
Rebound eczema	2	-	X					
Rebound effect	4	-	X		X		X	
Rebound psoriasis	3	-			X		X	
Rebound psychosis	1	-	X					
Recall phenomenon	3	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Rectal abscess	1	-			X			
Rectal cancer	2	-			X			
Rectal discharge	4	- X			X			
Rectal haemorrhage	247	- X	X	X	X	X	X	
Rectal injury	1	-			X			
Rectal prolapse	2	- X			X			
Rectal spasm	3	- X			X			
Rectal tenesmus	3	- X			X			
Recurrent cancer	1	1 X					X	
Red blood cell abnormality	7	- X			X			
Red blood cell count	3	- X						
Red blood cell count decreased	8	- X			X			
Red blood cell count increased	2	- X			X			
Red blood cell elliptocytes present	1	- X						
Red blood cell morphology abnormal	1	- X						
Red blood cell rouleaux formation present	1	-			X			
Red blood cell sedimentation rate	1	- X						
Red blood cell sedimentation rate abnormal	1	- X						
Red blood cell sedimentation rate increased	23	- X			X		X	
Red blood cell target cells present	1	- X						
Red blood cells urine	2	- X			X			
Red cell distribution width increased	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Red cell fragmentation syndrome	1	-	X					
Red ear syndrome	8	-	X		X		X	
Reduced facial expression	22	-	X		X		X	
Reexpansion pulmonary oedema	4	-			X		X	
Reflexes abnormal	4	-	X		X			
Reflux gastritis	37	-	X	X	X	X	X	
Reflux laryngitis	9	-	X		X		X	
Refraction disorder	2	-	X		X			
Refusal of treatment by patient	1	-	X					
Refusal of vaccination	2	-	X					
Regurgitation	8	-	X		X		X	
Relapsing fever	3	-	X		X		X	
Relapsing multiple sclerosis	1	-	X					
Relapsing-remitting multiple sclerosis	3	-	X		X			
Remission not achieved	1	-	X					
Remnant-like lipoprotein particles	4	-			X			
Renal abscess	2	-	X					
Renal aneurysm	1	-			X			
Renal artery occlusion	3	-	X					
Renal artery stenosis	1	-	X					
Renal artery thrombosis	3	-	X					
Renal atrophy	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Renal cancer	6	1	X		X			
Renal cell carcinoma	2	-	X		X			
Renal colic	9	-	X		X			
Renal cortical necrosis	1	-	X					
Renal cyst	6	-	X		X			
Renal disorder	41	1	X		X	X	X	
Renal dysplasia	1	-			X			
Renal embolism	1	-	X					
Renal failure	105	4	X	X	X	X	X	
Renal haemorrhage	5	-	X		X			
Renal hypertrophy	1	-			X			
Renal impairment	84	-	X	X	X	X	X	
Renal infarct	23	1	X		X			
Renal injury	17	1	X		X		X	
Renal ischaemia	2	-	X					
Renal mass	2	-	X		X			
Renal neoplasm	1	1			X		X	
Renal pain	1,519	-	X	X	X	X	X	
Renal scan	1	-		X				
Renal tubular injury	1	-	X					
Renal tubular necrosis	3	-		X	X			
Renal vascular thrombosis	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Renal vasculitis	4	1 X			X			
Renal vein embolism	1	- X						
Renal vein occlusion	4	- X				X		
Renal vein thrombosis	10	- X					X	
Renin	1	-			X			
Reperfusion injury	1	-			X			
Repetitive speech	10	- X			X	X		
Repetitive strain injury	4	- X			X			
Reproductive hormone	1	- X						
Reproductive system disorder prophylaxis	2	- X			X			
Respiration abnormal	236	- X	X	X	X	X	X	
Respiratory acidosis	4	-			X			
Respiratory arrest	57	2 X			X		X	
Respiratory depression	1	-			X			
Respiratory disorder	39	1 X	X	X	X	X	X	
Respiratory distress	40	- X			X		X	
Respiratory failure	52	8 X	X	X	X	X	X	
Respiratory fatigue	9	- X			X			
Respiratory fremitus	1	-			X			
Respiratory moniliasis	1	-			X			
Respiratory muscle weakness	6	- X	X	X	X		X	
Respiratory rate	29	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Respiratory rate decreased	74	-	X	X	X		X	
Respiratory rate increased	154	-	X	X	X	X	X	
Respiratory symptom	56	-	X	X	X	X	X	
Respiratory syncytial virus test positive	2	-			X		X	
Respiratory therapy	1	-	X					
Respiratory tract congestion	18	-	X		X		X	
Respiratory tract haemorrhage	4	-	X		X			
Respiratory tract infection	33	1	X	X	X		X	
Respiratory tract inflammation	2	-			X			
Respiratory tract irritation	23	-	X		X	X	X	
Respiratory tract oedema	9	-	X		X	X		
Rest regimen	44	-	X	X	X		X	
Resting tremor	16	-	X		X		X	
Restless arm syndrome	19	-	X		X			
Restless legs syndrome	678	-	X	X	X	X	X	X
Restlessness	774	-	X	X	X	X	X	
Restrictive cardiomyopathy	1	-					X	
Retained placenta or membranes	2	-			X			
Retching	420	-	X	X	X	X	X	
Retinal aneurysm	2	-	X					
Retinal artery embolism	5	-	X					
Retinal artery occlusion	50	-	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Retinal artery thrombosis	2	-			X			
Retinal degeneration	3	-	X		X			
Retinal deposits	1	-				X		
Retinal detachment	49	-	X	X	X		X	
Retinal disorder	4	-	X		X			
Retinal drusen	2	-	X					
Retinal exudates	21	-	X	X	X			
Retinal fovea disorder	2	-	X					
Retinal function test abnormal	1	-	X					
Retinal haemorrhage	41	-	X	X	X	X	X	
Retinal infarction	1	-	X					
Retinal injury	8	-	X		X			
Retinal ischaemia	4	-	X		X		X	
Retinal migraine	138	-	X		X	X	X	
Retinal occlusive vasculitis	1	-	X					
Retinal oedema	7	-	X	X	X		X	
Retinal tear	26	-	X		X			
Retinal toxicity	9	-	X		X			
Retinal vascular occlusion	5	-	X		X			
Retinal vascular thrombosis	7	-	X		X			
Retinal vasculitis	4	-	X		X			
Retinal vein occlusion	204	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Retinal vein thrombosis	11	-	X		X			
Retinal vein varices	1	-	X					
Retinal vessel avulsion	1	-	X					
Retinal white dots syndrome	1	-	X					
Retinitis	7	-	X					
Retinitis pigmentosa	1	-			X			
Retinopathy	13	-	X		X			
Retinopexy	2	-		X	X			
Retirement	11	-	X		X		X	
Retracted nipple	2	-			X		X	
Retrograde amnesia	2	-	X		X			
Retrograde ejaculation	4	-	X					
Retrograde menstruation	6	-	X		X			
Retroperitoneal effusion	1	-	X					
Retroperitoneal fibrosis	2	-	X				X	
Retroperitoneal haematoma	2	-	X		X			
Retroperitoneal haemorrhage	2	1	X		X			
Retroperitoneal lymphadenopathy	2	-			X			
Retroperitoneal mass	1	-	X					
Retroplacental haematoma	1	-			X			
Reversed hot-cold sensation	5	-	X		X			
Reversible airways obstruction	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Reversible cerebral vasoconstriction syndrome	6	- X			X			
Reye's syndrome	1	- X						
Reynold's syndrome	14	- X			X	X	X	
Rhabdomyolysis	29	1 X		X	X		X	
Rhesus antigen negative	1	- X						
Rhesus antigen positive	1	-			X			
Rheumatic disorder	55	- X		X	X			
Rheumatic fever	11	- X			X		X	
Rheumatoid arthritis	511	- X		X	X	X	X	
Rheumatoid factor	7	- X			X			
Rheumatoid factor increased	8	- X			X		X	
Rheumatoid factor negative	1	- X						
Rheumatoid factor positive	1	-			X			
Rheumatoid nodule	2	- X			X			
Rhinalgia	180	- X		X	X	X	X	
Rhinitis	133	- X		X	X		X	
Rhinitis allergic	64	- X			X	X	X	
Rhinorrhoea	3,147	- X		X	X	X	X	
Rhinovirus infection	2	-			X			
Rib fracture	2	- X						
Right atrial dilatation	2	- X						
Right atrial enlargement	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Right atrial volume abnormal	1	-			X			
Right ventricular dilatation	4	-	X		X			
Right ventricular dysfunction	7	-	X		X			
Right ventricular enlargement	1	-			X			
Right ventricular failure	7	1	X		X			
Risk of future pregnancy miscarriage	2	-	X		X			
Road traffic accident	2	-	X					
Romberg test positive	2	-		X		X		
Rosacea	109	-	X	X	X	X	X	
Rotator cuff syndrome	187	-	X	X	X	X	X	
Rotavirus infection	1	-	X					
Rouleaux formation	1	-	X					
Rubber sensitivity	5	-	X		X	X		
Rubella	3	-	X				X	
Ruptured cerebral aneurysm	2	1	X		X		X	
Ruptured ectopic pregnancy	1	-			X			
Sacral pain	12	-	X		X		X	
Sacroiliac joint dysfunction	1	-			X			
Sacroiliitis	10	-	X		X			
Saliva altered	22	-	X		X		X	
Saliva discolouration	1	-	X					
Salivary gland calculus	4	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Salivary gland cancer stage 0	1	-	X					
Salivary gland cancer stage III	1	-	X					
Salivary gland cyst	1	-	X					
Salivary gland disorder	2	-	X		X			
Salivary gland enlargement	12	-	X		X			
Salivary gland mass	3	-	X				X	
Salivary gland mucocoele	1	-			X			
Salivary gland neoplasm	2	-			X			
Salivary gland pain	32	-	X	X	X		X	
Salivary hypersecretion	169	-	X	X	X		X	
Salt craving	7	-	X		X		X	
Salt intoxication	1	-			X			
Sarcoidosis	63	-	X		X	X	X	
Sarcoma	2	-	X		X			
Sarcopenia	2	-	X					
SARS-CoV-1 test	1	-			X			
SARS-CoV-1 test positive	2	-	X		X			
SARS-CoV-2 antibody test	24	-	X		X		X	
SARS-CoV-2 antibody test negative	55	-	X		X		X	
SARS-CoV-2 antibody test positive	19	-	X		X		X	
SARS-CoV-2 carrier	3	-	X				X	
SARS-CoV-2 RNA	3	-	X				X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
SARS-CoV-2 sepsis	1	-	X					
SARS-CoV-2 test	74	-	X	X	X		X	
SARS-CoV-2 test false negative	8	-	X		X			
SARS-CoV-2 test false positive	8	-	X		X			
SARS-CoV-2 test negative	35	-	X		X		X	
SARS-CoV-2 test positive	249	-	X		X	X	X	
Scab	77	-	X	X	X	X	X	
Scalloped tongue	9	-	X		X			
Scan	3	-	X		X			
Scan brain	2	-	X	X				
Scan lymph nodes	6	-	X		X			
Scan myocardial perfusion abnormal	1	-			X			
Scar	112	-	X		X	X	X	
Scar discomfort	2	-	X		X			
Scar inflammation	6	-	X	X	X		X	
Scar pain	49	-	X		X		X	
Scarlet fever	2	-	X		X			
Schizoaffective disorder	1	-	X					
Schizophrenia	7	1	X		X	X	X	
Schwannoma	1	-	X					
Sciatic hernia	1	-			X			
Sciatic nerve injury	4	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Sciatic nerve neuropathy	8	-	X		X		X	
Sciatica	467	-	X	X	X	X	X	
Scintillating scotoma	15	-	X		X		X	
Scleral discolouration	3	-	X		X			
Scleral disorder	1	-					X	
Scleral haemorrhage	2	-	X		X			
Scleritis	25	-	X		X		X	
Scleritis allergic	1	-				X		
Scleroderma	9	-	X		X			
Scleroderma associated digital ulcer	1	-			X			
Scoliosis	8	-	X		X		X	
Scratch	20	-	X		X	X	X	
Screaming	68	-	X		X	X	X	
Scrotal angiokeratoma	1	-			X			
Scrotal cyst	1	-	X					
Scrotal dermatitis	2	-	X				X	
Scrotal discomfort	1	-			X			
Scrotal erythema	2	-			X			
Scrotal exfoliation	2	-			X			
Scrotal oedema	1	-	X					
Scrotal pain	51	-	X	X	X		X	
Scrotal swelling	14	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Scrotum erosion	1	-			X			
Seasonal allergy	293	-	X	X	X	X	X	
Sebaceous glands overactivity	2	-	X		X			
Sebaceous naevus	1	-		X				
Seborrhoea	34	-	X		X		X	
Seborrhoeic dermatitis	35	-	X		X	X	X	
Seborrhoeic keratosis	5	-	X		X			
Second primary malignancy	1	-			X			
Secondary adrenocortical insufficiency	1	-	X					
Secondary hypertension	2	-	X		X			
Secondary tic	3	-	X	X				
Secondary transmission	26	-	X		X		X	
Secretion discharge	72	-	X	X	X	X	X	
Sedation	28	-	X		X			
Sedation complication	5	-	X		X			
Seizure	2,804	5	X	X	X	X	X	X
Seizure anoxic	9	-	X		X		X	
Seizure cluster	18	-	X		X		X	
Seizure like phenomena	9	-	X		X			
Selective eating disorder	3	-	X		X			
Self esteem decreased	5	-	X	X	X			
Self-induced vomiting	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Self-injurious ideation	7	- X		X	X		X	
Self-medication	1	- X						
Semen analysis abnormal	3	- X			X		X	
Semen discolouration	3	- X			X			
Semen volume decreased	5	- X			X		X	
Semen volume increased	1	-			X			
Senile dementia	2	- X			X			
Senile pruritus	1	- X						
Sensation of blood flow	24	- X			X	X	X	
Sensation of foreign body	142	- X		X	X	X	X	
Sense of a foreshortened future	7	- X			X		X	
Sense of oppression	1	-			X			
Sensitisation	49	- X			X	X	X	
Sensitive skin	1,039	- X		X	X	X	X	
Sensitivity to weather change	4	- X						
Sensorimotor disorder	2	- X						
Sensory disturbance	392	- X		X	X	X	X	
Sensory level	3	-			X		X	
Sensory level abnormal	4	- X			X		X	
Sensory loss	458	- X		X	X	X	X	
Sensory overload	21	- X		X	X		X	
Sensory processing disorder	6	- X		X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Separation anxiety disorder	1	-					X	
Sepsis	216	29	X	X	X	X	X	
Sepsis syndrome	3	-	X		X			
Septic arthritis staphylococcal	1	-			X			
Septic pulmonary embolism	1	-	X					
Septic rash	19	-	X	X	X			
Septic screen	1	-	X					
Septic shock	12	4	X	X	X		X	
Serology test	1	-	X					
Seroma	1	-			X			
Seronegative arthritis	14	-	X		X	X		
Serositis	2	-	X		X			
Serotonin syndrome	3	-	X		X			
Serous retinopathy	2	-	X				X	
Serratia infection	2	-	X		X			
Serum ferritin	3	-	X		X			
Serum ferritin abnormal	3	-			X			
Serum ferritin decreased	15	-	X		X			
Serum ferritin increased	16	-	X		X		X	
Serum serotonin increased	1	-	X					
Serum sickness	21	-	X		X		X	
Serum sickness-like reaction	24	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Severe acute respiratory syndrome	9	-	X		X			
Severe asthma with fungal sensitisation	8	-	X		X			
Severe cutaneous adverse reaction	6	-	X	X	X		X	
Severe fever with thrombocytopenia syndrome	2	-	X					
Sex hormone binding globulin decreased	1	-			X			
Sexual dysfunction	29	-	X		X		X	
Sexual inhibition	1	-			X			
Sexually inappropriate behaviour	1	-	X					
Shagreen skin	1	-			X			
Shock	99	1	X	X	X	X	X	
Shock haemorrhagic	1	-	X					
Shock symptom	10	-	X		X			
Shoulder deformity	7	-			X		X	
Shoulder injury related to vaccine administration	245	-	X	X	X	X	X	
Shoulder operation	3	-	X					
Shunt blood flow excessive	1	-			X			
Sialoadenitis	8	-	X		X		X	
Sick leave	1	-			X			
Sick relative	8	-	X		X			
Sickle cell anaemia with crisis	8	-	X				X	
Sight disability	47	-	X	X	X		X	
Sigmoid sinus thrombosis	1	1	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Sigmoidoscopy abnormal	1	-			X			
Similar reaction on previous exposure to drug	1	- X						
Simple partial seizures	7	- X						
Sinoatrial block	1	-					X	
Sinobronchitis	1	- X						
Sinonasal obstruction	39	- X	X	X			X	
Sinus arrest	2	- X			X			
Sinus arrhythmia	16	- X			X		X	
Sinus bradycardia	25	- X	X	X				
Sinus congestion	196	- X	X	X	X	X	X	
Sinus disorder	43	- X	X	X	X	X	X	
Sinus headache	1,556	- X	X	X	X	X	X	
Sinus node dysfunction	6	- X			X	X		
Sinus pain	975	- X	X	X	X	X	X	
Sinus polyp	3	- X						
Sinus polyp degeneration	1	-			X			
Sinus rhythm	23	- X			X		X	
Sinus tachycardia	206	- X	X	X	X	X	X	
Sinusitis	731	- X	X	X	X	X	X	
Sinusitis bacterial	2	-			X			
Sinusoidal foetal heart rate pattern	1	-				X		
Sitting disability	10	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Sjogren-Larsson syndrome	1	-			X			
Sjogren's syndrome	18	-	X	X	X			
Skeletal dysplasia	1	-		X				
Skeletal injury	1	-	X					
Skin abrasion	16	-	X		X		X	
Skin atrophy	20	-	X		X		X	
Skin bacterial infection	12	-	X		X		X	
Skin burning sensation	1,080	-	X	X	X	X	X	
Skin cancer	17	-	X	X	X		X	
Skin candida	6	-	X		X	X		
Skin degenerative disorder	2	-			X			
Skin depigmentation	16	-	X		X			
Skin discharge	1	-	X					
Skin discolouration	506	-	X	X	X	X	X	
Skin discomfort	15	-	X		X		X	
Skin disorder	116	-	X	X	X	X	X	
Skin erosion	105	-	X	X	X	X	X	
Skin exfoliation	423	-	X	X	X	X	X	
Skin fissures	38	-	X	X	X		X	
Skin fragility	4	-	X		X			
Skin graft	1	-	X					
Skin haemorrhage	97	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Skin hyperpigmentation	21	-	X		X		X	
Skin hypertrophy	7	-	X		X			
Skin hypopigmentation	6	-	X		X		X	
Skin indentation	23	-	X		X			
Skin induration	34	-	X		X		X	
Skin infection	133	-	X	X	X		X	
Skin injury	41	-	X	X	X	X	X	
Skin irritation	401	-	X	X	X	X	X	
Skin laceration	13	-	X		X		X	
Skin laxity	2	-	X		X			
Skin lesion	174	-	X	X	X	X	X	
Skin lesion inflammation	1	-			X			
Skin mass	106	-	X		X	X	X	
Skin necrosis	14	-	X		X		X	
Skin neoplasm excision	1	-	X					
Skin odour abnormal	94	-	X		X	X	X	
Skin oedema	9	-	X		X			
Skin papilloma	70	-	X		X		X	
Skin plaque	10	-	X	X	X		X	
Skin pressure mark	2	-	X		X			
Skin procedural complication	2	-	X		X			
Skin reaction	625	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Skin sensitisation	157	- X	X	X	X	X	X	
Skin striae	21	- X			X			
Skin swelling	273	- X	X	X	X	X	X	
Skin temperature	263	- X	X	X	X	X	X	
Skin test	1	- X						
Skin test positive	10	- X			X			
Skin texture abnormal	6	- X			X		X	
Skin tightness	83	- X			X		X	
Skin ulcer	86	- X			X	X	X	
Skin warm	1,263	- X	X	X	X	X	X	
Skin weeping	43	- X	X	X			X	
Skin wound	16	- X			X	X	X	
Skin wrinkling	14	- X			X		X	
Skull fracture	1	- X						
Skull X-ray	18	- X			X			
Sleep apnoea syndrome	81	- X	X	X			X	
Sleep attacks	5	- X			X			
Sleep deficit	78	- X			X	X	X	
Sleep disorder	921	- X	X	X	X	X	X	
Sleep disorder due to a general medical condition	2	- X			X			
Sleep disorder due to general medical condition, insomnia type	9	- X			X	X		
Sleep inertia	3	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Sleep paralysis	68	- X	X	X	X		X	
Sleep study normal	1	- X						
Sleep talking	28	- X			X	X	X	
Sleep terror	120	- X	X	X	X	X	X	
Sleep-related eating disorder	2	- X						
Slow response to stimuli	17	- X			X	X	X	
Slow speech	80	- X			X	X	X	
Slow vital capacity	1	- X						
Sluggishness	56	- X	X	X	X	X	X	
Small cell lung cancer	4	- X	X	X				
Small cell lung cancer metastatic	-	1 X						
Small fibre neuropathy	33	- X	X	X			X	
Small for dates baby	1	-			X			
Small intestinal haemorrhage	33	- X			X		X	
Small intestinal obstruction	5	- X			X			
Small intestinal perforation	1	- X						
Small intestinal resection	1	- X						
Small intestine adenocarcinoma	1	-					X	
Small intestine carcinoma	1	-					X	
Small intestine gangrene	1	-			X			
Small size placenta	2	-			X			
Smallpox	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Smear cervix	6	- X			X		X	
Smear test	1	- X						
Smoke sensitivity	4	- X			X			
Smoking cessation therapy	1	- X						
Smooth muscle antibody	1	- X						
Sneezing	1,189	- X	X	X	X	X	X	
Snoring	15	- X			X	X		
Social (pragmatic) communication disorder	1	-			X			
Social anxiety disorder	5	- X	X	X				
Social avoidant behaviour	19	- X			X		X	
Social fear	5	- X			X		X	
Social problem	1	-					X	
Soft tissue disorder	6	- X			X			
Soft tissue infection	8	- X			X			
Soft tissue inflammation	2	-			X		X	
Soft tissue injury	6	- X						
Soft tissue mass	3	- X						
Soft tissue necrosis	1	-			X			
Soft tissue swelling	18	- X	X	X	X		X	
Solar dermatitis	3	- X			X			
Solar lentigo	12	- X			X		X	
Solar urticaria	5	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Solid organ transplant rejection	1	-			X			
Soliloquy	6	- X			X		X	
Solitary fibrous tumour	1	-				X		
Somatic dysfunction	1	- X						
Somatic hallucination	2	- X					X	
Somatic symptom disorder	4	- X			X			
Somatic symptom disorder of pregnancy	5	- X			X		X	
Somnambulism	26	- X			X	X	X	
Somnolence	3,837	1 X	X	X	X	X	X	X
Specialist consultation	4	- X			X			
Speech disorder	302	- X	X	X	X	X	X	X
Speech disorder developmental	12	- X	X	X				
Speech sound disorder	3	- X			X			
Sperm concentration	4	- X			X			
Sperm concentration decreased	2	-			X			
Spermatozoa abnormal	2	- X			X			
Sphincter of Oddi dysfunction	3	- X						
Spider naevus	7	- X			X		X	
Spider vein	31	- X			X		X	
Spina bifida	3	1 X			X			
Spinal column injury	1	-						
Spinal compression fracture	5	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Spinal cord abscess	2	-	X		X			
Spinal cord disorder	9	-	X				X	
Spinal cord haematoma	1	-	X					
Spinal cord infarction	2	-	X		X			
Spinal cord infection	2	-	X				X	
Spinal cord injury	9	-	X		X		X	
Spinal cord injury cervical	2	-			X		X	
Spinal cord injury sacral	1	-	X					
Spinal cord injury thoracic	1	-	X					
Spinal cord ischaemia	1	-	X					
Spinal cord neoplasm	-	1			X			
Spinal cord oedema	1	-	X					
Spinal cord paralysis	2	-	X		X			
Spinal decompression	1	-			X			
Spinal disorder	14	-	X	X	X			
Spinal fracture	13	-	X		X			
Spinal implantation	1	-	X					
Spinal meningeal cyst	1	-		X				
Spinal muscular atrophy	1	-	X					
Spinal operation	1	-	X					
Spinal osteoarthritis	20	-	X		X	X		
Spinal pain	446	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Spinal stenosis	9	-	X	X	X			
Spinal stroke	12	-	X		X			
Spirometry abnormal	1	-			X			
Spleen atrophy	1	-			X			
Spleen disorder	3	-	X		X			
Splenectomy	2	-	X		X			
Splenic artery aneurysm	2	-	X		X			
Splenic artery embolisation	1	-			X			
Splenic artery thrombosis	3	-	X					
Splenic cyst	1	-	X					
Splenic haematoma	2	-	X		X			
Splenic haemorrhage	3	-	X		X			
Splenic infarction	27	-	X		X	X	X	
Splenic infection	1	-	X					
Splenic lesion	1	-			X			
Splenic rupture	11	-	X		X			
Splenic thrombosis	3	-	X		X			
Splenic varices	1	-	X					
Splenic vein thrombosis	17	-	X	X	X		X	
Splenomegaly	23	-	X		X	X		
Splenorenal shunt	1	-	X					
Splinter	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Splinter haemorrhages	13	- X			X	X		
Spondylitis	16	- X			X		X	
Spondyloarthropathy	6	- X			X			
Spontaneous cerebrospinal fluid leak syndrome	2	- X						
Spontaneous ejaculation	2	-			X			
Spontaneous haematoma	11	- X			X		X	
Spontaneous haemorrhage	2	- X						
Spontaneous hyphaema	1	-			X			
Spontaneous penile erection	7	- X			X		X	
Sports injury	1	- X						
Sputum abnormal	7	- X			X	X		
Sputum discoloured	34	- X		X	X		X	
Sputum increased	7	- X			X			
Sputum purulent	4	- X			X			
Sputum retention	1	- X						
Squamous cell carcinoma	9	- X			X			
Squamous cell carcinoma of skin	2	- X			X			
Squamous cell carcinoma of the oral cavity	2	- X						
Squamous cell carcinoma of the vulva	1	- X						
Stab wound	1	-					X	
Staphylococcal abscess	1	-			X			
Staphylococcal bacteraemia	2	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Staphylococcal infection	11	-	X		X			
Staphylococcal scalded skin syndrome	1	-	X					
Staphylococcal sepsis	4	1	X		X			
Staphylococcus test	1	-	X					
Staphylococcus test positive	1	-	X					
Staring	23	-	X		X		X	
Starvation	1	-	X					
Stasis dermatitis	13	-	X		X			
Status epilepticus	101	2	X		X		X	
Status migrainosus	5	-	X					
Steatorrhoea	8	-	X		X	X		
Stem cell transplant	1	-			X			
Stenosis	4	-	X		X			
Stent malfunction	2	-	X			X		
Stent placement	3	-	X		X			
Stereotypy	1	-			X			
Sternal fracture	1	-					X	
Steroid diabetes	1	-	X					
Steroid therapy	2	-	X					
Stevens-Johnson syndrome	17	-	X		X		X	
Sticky skin	13	-	X		X	X		
Stiff leg syndrome	14	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Stiff person syndrome	1	-	X					
Stiff tongue	11	-	X		X		X	
Stillbirth	1	27	X	X	X	X	X	
Still's disease	13	-	X	X	X			
Stoma care	2	-	X		X			
Stoma obstruction	1	-	X					
Stoma site discharge	2	-			X			
Stoma site discomfort	1	-					X	
Stoma site haemorrhage	2	-	X		X			
Stoma site oedema	1	-					X	
Stoma site pain	2	-	X					
Stoma site rash	1	-	X					
Stomach mass	10	-	X	X	X		X	
Stomach scan	1	-	X					
Stomatitis	202	-	X	X	X	X	X	X
Stool analysis abnormal	2	-	X					
Strabismus	17	-	X		X		X	
Strabismus correction	1	-			X			
Strawberry tongue	1	-	X					
Streptococcal abscess	1	-			X			
Streptococcal bacteraemia	1	-	X					
Streptococcal endocarditis	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Streptococcal infection	7	- X			X			
Streptococcal sepsis	3	- X			X		X	
Streptococcus test positive	2	- X				X		
Stress	379	- X	X	X	X	X	X	X
Stress at work	5	- X			X			
Stress cardiomyopathy	22	- X	X	X			X	
Stress fracture	4	- X						
Stress management	1	-			X			
Stress polycythaemia	5	- X					X	
Stress ulcer	1	-					X	
Stress urinary incontinence	5	- X			X		X	
Stridor	55	- X	X	X			X	
Stroke in evolution	2	- X			X			
Stroke volume decreased	3	- X			X			
Stroke volume increased	4	1 X						
Struck by lightning	2	- X					X	
Stupor	18	- X	X	X			X	
Subacute combined cord degeneration	1	- X						
Subacute cutaneous lupus erythematosus	7	- X	X	X				
Subacute hepatic failure	3	- X						
Subacute inflammatory demyelinating polyneuropathy	5	- X			X			
Subarachnoid haematoma	4	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Subarachnoid haemorrhage	167	19	X	X	X	X	X	
Subchorionic haematoma	3	-			X			
Subchorionic haemorrhage	3	-	X		X		X	
Subclavian artery embolism	3	-	X					
Subclavian artery thrombosis	2	-	X		X			
Subclavian vein occlusion	1	-			X			
Subclavian vein thrombosis	9	-	X		X			
Subcutaneous abscess	25	-	X	X	X			
Subcutaneous haematoma	7	-	X		X		X	
Subdural abscess	1	-			X			
Subdural haematoma	33	2	X		X	X	X	
Subdural haemorrhage	14	-	X		X			
Submaxillary gland enlargement	10	-			X		X	
Substance abuse	2	-	X					
Substance-induced mood disorder	1	-	X					
Sudden cardiac death	-	6	X		X		X	
Sudden death	-	88	X	X	X		X	
Sudden hearing loss	172	-	X	X	X	X	X	
Sudden onset of sleep	2	-	X		X			
Sudden unexplained death in epilepsy	-	1	X					
Sudden visual loss	12	-	X	X	X			
Suffocation feeling	9	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Suicidal behaviour	10	-	X				X	
Suicidal ideation	239	-	X	X	X	X	X	
Suicide attempt	51	-	X		X	X	X	
Suicide threat	3	-	X		X			
Sunburn	99	-	X		X		X	
Superficial inflammatory dermatosis	1	-	X					
Superficial injury of eye	2	-	X		X			
Superficial vein prominence	13	-	X		X			
Superficial vein thrombosis	125	-	X	X	X	X	X	
Superinfection	1	-			X			
Superior mesenteric artery syndrome	2	-	X					
Superior sagittal sinus thrombosis	41	3	X		X	X		
Superior vena cava syndrome	2	-	X					
Superovulation	2	-			X			
Suprapubic pain	2	-	X		X			
Supraventricular extrasystoles	17	-	X	X	X	X	X	
Supraventricular tachycardia	128	-	X	X	X	X	X	
Surgery	2	-	X					
Surgical failure	1	-						
Suspected counterfeit product	2	-	X					
Suspected COVID-19	227	4	X	X	X	X	X	
Suspected product contamination	2	-	X				X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Suspected product quality issue	2	-	X					
Suspected suicide attempt	1	-				X		
Suspiciousness	1	-			X			
Suture related complication	1	-	X					
Swallow study	5	-	X			X		
Sweat discolouration	4	-	X		X			
Sweat gland disorder	1	-	X					
Sweat gland infection	1	-			X			
Sweat test	5	-	X		X			
Sweating fever	972	-	X	X	X	X	X	
Swelling	8,275	-	X	X	X	X	X	
Swelling face	2,625	-	X	X	X	X	X	X
Swelling of eyelid	351	-	X	X	X	X	X	
Swollen joint count	4	-	X		X			
Swollen joint count increased	6	-	X		X			
Swollen tear duct	2	-			X			
Swollen tongue	1,385	-	X	X	X	X	X	
Sydenham's chorea	1	-	X					
Sympathetic posterior cervical syndrome	1	-	X					
Symphysiolysis	1	-			X			
Symptom masked	1	-	X					
Symptom recurrence	6	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Synaesthesia	2	-			X			
Syncope	7,672	-	X	X	X	X	X	X
Synkinesis	3	-			X			
Synovial cyst	49	-	X	X	X		X	
Synovial rupture	2	-	X					
Synovitis	50	-	X	X	X	X	X	
Syphilis	6	-	X		X			
Syringe issue	1	-	X					
Syringomyelia	2	-	X		X			
Systemic candida	1	-			X			
Systemic immune activation	4	-	X		X		X	
Systemic infection	1	-				X		
Systemic inflammatory response syndrome	24	-	X	X	X		X	
Systemic lupus erythematosus	97	-	X		X	X	X	
Systemic lupus erythematosus disease activity index increased	1	-			X			
Systemic lupus erythematosus rash	19	-	X		X	X		
Systemic mastocytosis	1	-	X					
Systemic scleroderma	9	-	X	X	X		X	X
Systemic toxicity	3	-	X				X	
Systolic dysfunction	2	-	X		X			
Systolic hypertension	12	-	X	X	X	X		
Tachyarrhythmia	30	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tachycardia	6,036	1	X	X	X	X	X	X
Tachycardia foetal	2	-			X		X	
Tachycardia paroxysmal	2	-			X	X		
Tachyphrenia	42	-	X	X	X	X		
Tachypnoea	86	-	X	X			X	
Tanning	2	-	X					
Tardive dyskinesia	3	-	X		X			
Target skin lesion	6	-	X	X				
Taste disorder	964	-	X	X	X	X	X	
Tattoo	3	-	X		X		X	
Tattoo associated skin reaction	1	-			X			
Tattoo excision	1	-	X					
T-cell lymphoma	-	1	X					
Tearfulness	165	-	X	X	X		X	
Teeth brittle	3	-			X			
Teething	33	-	X		X		X	
Telangiectasia	7	-	X		X			
Temperature difference of extremities	29	-	X		X		X	
Temperature intolerance	188	-	X	X	X	X	X	
Temperature perception test abnormal	1	-			X			
Temperature perception test increased	1	-			X			
Temperature regulation disorder	56	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
TEMPI syndrome	2	-			X			
Temporal lobe epilepsy	9	-	X		X			
Temporomandibular joint syndrome	51	-	X	X	X		X	
Tender joint count	5	-	X				X	
Tender joint count increased	1	-				X		
Tenderness	2,875	-	X	X	X	X	X	
Tendon calcification	4	-	X	X		X	X	
Tendon discomfort	4	-	X					
Tendon disorder	25	-	X		X	X	X	
Tendon injury	19	-	X		X	X	X	
Tendon pain	98	-	X	X	X		X	
Tendon rupture	65	-	X	X	X		X	
Tendon sheath disorder	1	-	X					
Tendonitis	231	-	X	X	X	X	X	
Tenodesis	2	-			X	X		
Tenosynovitis	7	-	X		X			
Tenosynovitis stenosaurs	7	-	X	X	X			
Tension	134	-	X	X	X	X	X	
Tension headache	2,490	-	X	X	X	X	X	
Term birth	1	-			X			
Terminal ileitis	1	-	X					
Terminal insomnia	75	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Terminal state	1	-			X			
Testes exploration	1	- X						
Testicle adenoma	2	- X						
Testicular atrophy	2	- X			X			
Testicular cyst	2	- X			X			
Testicular disorder	16	- X			X		X	
Testicular injury	1	-			X			
Testicular mass	2	- X					X	
Testicular oedema	3	- X			X			
Testicular pain	227	- X		X	X	X	X	
Testicular retraction	3	- X						
Testicular swelling	49	- X			X		X	
Testicular torsion	1	-			X			
Testis cancer	1	-			X			
Testis discomfort	9	- X			X			
Tetanus	6	- X			X			
Tetany	7	- X			X			
Tethered oral tissue	3	- X			X			
Thalamic infarction	4	- X			X			
Thalamus haemorrhage	11	- X						
Thanatophobia	1	- X						
Therapeutic hypothermia	2	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Therapeutic procedure	2	-			X			
Therapeutic product effect decreased	7	-	X		X		X	
Therapeutic product effect delayed	3	-	X		X			
Therapeutic product effect incomplete	3	-	X					
Therapeutic product effect increased	1	-			X			
Therapeutic product effect prolonged	1	-	X					
Therapeutic product ineffective	13	-	X		X			
Therapeutic reaction time decreased	1	-	X					
Therapeutic response changed	2	-	X				X	
Therapeutic response decreased	5	-	X		X			
Therapeutic response delayed	1	-	X					
Therapeutic response shortened	2	-	X					
Therapeutic response unexpected	317	-	X		X	X	X	X
Therapeutic skin care topical	1	-			X			
Therapy change	5	-	X		X			
Therapy non-responder	4	-	X		X			
Thermal burn	100	-	X		X		X	
Thermal burns of eye	75	-	X	X	X	X	X	
Thinking abnormal	64	-	X	X	X	X	X	
Thirst	1,964	-	X	X	X	X	X	
Thirst decreased	14	-	X		X		X	
Thoracic outlet syndrome	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Thoracic spinal stenosis	1	-	X					
Thought blocking	14	-	X		X		X	
Thought withdrawal	1	-	X					
Threatened labour	1	-			X			
Throat cancer	5	1	X	X	X			
Throat clearing	22	-	X		X	X	X	
Throat irritation	573	-	X	X	X	X	X	X
Throat lesion	3	-	X		X			
Throat tightness	641	-	X	X	X	X	X	
Thrombectomy	4	-	X					
Thrombin time	1	-	X					
Thrombin time abnormal	2	-	X					
Thromboangiitis obliterans	1	-			X			
Thrombocytopenia	1,288	11	X	X	X	X	X	
Thrombocytopenic purpura	24	-	X	X	X		X	
Thrombocytosis	26	-	X	X	X	X		
Thromboembolectomy	1	-	X					
Thrombolysis	4	-	X					
Thrombophlebitis	225	-	X	X	X	X	X	
Thrombophlebitis migrans	2	-	X					
Thrombosis	2,861	63	X	X	X	X	X	X
Thrombosis in device	90	1	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Thrombosis mesenteric vessel	7	1 X			X			
Thrombosis prophylaxis	3	1 X						
Thrombosis with thrombocytopenia syndrome	114	9 X			X			
Thrombotic microangiopathy	5	-			X			
Thrombotic stroke	24	1 X		X	X			
Thrombotic thrombocytopenic purpura	23	- X			X	X		
Thunderclap headache	89	1 X		X	X		X	
Thymus enlargement	1	-			X			
Thyroid adenoma	1	- X						
Thyroid atrophy	1	-			X			
Thyroid cancer	1	-			X			
Thyroid cyst	2	- X			X			
Thyroid disorder	49	- X		X	X		X	
Thyroid function test abnormal	5	- X			X			
Thyroid hormones increased	1	-			X			
Thyroid mass	16	- X			X			
Thyroid neoplasm	1	-			X			
Thyroid pain	38	- X			X	X	X	
Thyroid stimulating hormone deficiency	1	-			X			
Thyroiditis	61	- X		X	X	X	X	
Thyroiditis acute	15	- X			X	X	X	
Thyroiditis chronic	2	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Thyroiditis subacute	25	-	X		X		X	
Thyrotoxic crisis	15	-	X	X	X			
Thyroxine	3	-	X		X			
Thyroxine abnormal	1	-	X					
Thyroxine decreased	1	-			X			
Thyroxine free decreased	3	-	X	X	X			
Thyroxine free increased	2	-			X			
Thyroxine increased	2	-	X					
Tibia fracture	2	-	X		X			
Tic	52	-	X	X	X		X	
Tick paralysis	1	-	X					
Time perception altered	8	-	X		X			
Tinea capitis	2	-			X		X	
Tinea cruris	3	-	X					
Tinea infection	5	-	X		X		X	
Tinea pedis	8	-	X		X			
Tinea versicolour	8	-	X		X			
Tinnitus	9,277	-	X	X	X	X	X	X
Tissue discolouration	1	-	X					
Tissue infiltration	2	-	X					
Tissue injury	6	-	X	X				
Tissue irritation	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tissue rupture	1	-			X			
Tobacco user	3	-	X		X			
Toe amputation	6	-	X					
Toe walking	1	-				X		
Tolosa-Hunt syndrome	4	-	X		X			
Tongue abscess	6	-	X		X			
Tongue atrophy	1	-			X			
Tongue biting	24	-	X		X		X	
Tongue blistering	51	-	X		X		X	
Tongue coated	99	-	X	X	X		X	
Tongue cyst	9	-	X		X			
Tongue discolouration	55	-	X		X		X	
Tongue discomfort	123	-	X	X	X	X	X	
Tongue disorder	95	-	X		X	X	X	
Tongue dry	48	-	X		X	X	X	
Tongue eruption	28	-	X	X	X	X	X	
Tongue erythema	23	-	X		X			
Tongue exfoliation	7	-	X		X		X	
Tongue geographic	16	-	X	X	X			
Tongue haemorrhage	7	-	X		X		X	
Tongue injury	5	-	X		X			
Tongue movement disturbance	18	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tongue oedema	49	- X			X	X	X	
Tongue paralysis	8	- X			X		X	
Tongue polyp	4	- X			X			
Tongue pruritus	8	- X	X	X			X	
Tongue rough	10	- X			X		X	
Tongue spasm	21	- X	X	X	X	X	X	
Tongue thrust	1	- X						
Tongue ulceration	78	- X	X	X	X	X	X	
Tonic clonic movements	14	- X			X		X	
Tonic convulsion	98	- X	X	X	X	X	X	
Tonic posturing	1	-			X			
Tonsil cancer	11	- X			X		X	
Tonsillar cyst	1	-			X			
Tonsillar disorder	1	- X						
Tonsillar erythema	24	- X			X		X	
Tonsillar exudate	3	- X			X		X	
Tonsillar haemorrhage	2	- X			X			
Tonsillar hypertrophy	196	- X	X	X	X	X	X	
Tonsillar inflammation	10	- X			X		X	
Tonsillar ulcer	3	- X			X			
Tonsillectomy	1	- X						
Tonsillitis	266	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tonsillitis bacterial	3	-			X			
Tonsillitis fungal	1	-	X					
Tonsillitis streptococcal	1	-	X					
Tonsillolith	3	-	X		X			
Tooth abscess	29	-	X		X		X	
Tooth discolouration	29	-	X		X			
Tooth disorder	9	-	X		X		X	
Tooth erosion	2	-	X		X			
Tooth extraction	7	-	X		X		X	
Tooth fracture	5	-	X		X			
Tooth impacted	2	-	X		X			
Tooth infection	27	-	X		X		X	
Tooth injury	5	-	X		X	X		
Tooth loss	27	-	X	X	X		X	
Tooth restoration	4	-	X					
Tooth socket haemorrhage	3	-	X		X			
Toothache	652	-	X	X	X	X	X	
Torticollis	31	-	X	X	X			
Total lung capacity decreased	10	-	X		X			
Tourette's disorder	9	-	X		X			
Toxic anterior segment syndrome	1	-			X			
Toxic cardiomyopathy	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Toxic epidermal necrolysis	6	1	X		X		X	
Toxic shock syndrome	2	-	X					
Toxic shock syndrome staphylococcal	1	-	X					
Toxic skin eruption	2	-			X			
Toxicity to various agents	22	-	X	X	X		X	
Toxicologic test abnormal	1	-			X			
Toxoplasmosis	1	-			X			
Tracheal disorder	1	-			X			
Tracheal fistula	1	-	X					
Tracheal inflammation	1	-					X	
Tracheal pain	6	-	X		X			
Tracheitis	7	-	X		X			
Tracheomalacia	2	-	X		X			
Tracheostomy	3	-	X		X			
Tracheostomy infection	1	-			X			
Traction	1	-			X			
Trance	2	-			X		X	
Transaminases increased	3	-	X					
Transferrin decreased	2	-	X		X			
Transferrin increased	1	-			X			
Transferrin saturation decreased	1	-			X			
Transferrin saturation increased	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Transfusion	4	-	X		X			
Transgender operation	1	-	X					
Transient acantholytic dermatosis	7	-	X		X	X		
Transient aphasia	1	-	X					
Transient global amnesia	41	-	X	X	X		X	
Transient ischaemic attack	932	6	X	X	X	X	X	
Transplant	1	-	X					
Transplant failure	1	-	X					
Transplant rejection	9	-	X		X			
Transposition of the great vessels	2	-	X		X			
Transverse sinus thrombosis	14	-	X		X			
Transvestism	1	-			X			
Traumatic delivery	1	-	X					
Traumatic fracture	1	-	X					
Traumatic haematoma	2	-	X					
Traumatic haemothorax	1	-	X					
Traumatic intracranial haemorrhage	1	1	X		X			
Traumatic iritis	1	-	X					
Traumatic lung injury	8	-	X	X	X		X	X
Traumatic shock	1	-	X					
Treatment failure	33	-	X		X		X	
Treatment noncompliance	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tremor	14,125	1	X	X	X	X	X	
Treponema test positive	1	-	X					
Trichodynia	8	-	X				X	
Trichoglossia	13	-	X		X			
Trichorrhexis	13	-	X	X	X		X	
Tricuspid valve incompetence	18	-	X		X			
Trifascicular block	3	-	X		X			
Trigeminal nerve disorder	11	-	X		X			
Trigeminal neuralgia	298	-	X	X	X	X	X	
Trigeminal neuritis	7	-	X	X	X		X	
Trigeminal palsy	3	-	X		X			
Trigger finger	82	-	X	X	X		X	
Trigger points	2	-	X		X			
Tri-iodothyronine	1	-			X			
Tri-iodothyronine decreased	13	-	X		X		X	
Tri-iodothyronine free decreased	1	-			X			
Triple negative breast cancer	10	-	X	X	X	X		
Trismus	121	-	X	X	X		X	
Trisomy 18	1	-	X					
Trisomy 21	1	-	X					
Trisomy 8	1	-			X			
Trombidiasis	3	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Troponin	3	-	X					
Troponin abnormal	2	-			X	X		
Troponin I increased	6	-	X		X		X	
Troponin increased	67	-	X	X	X		X	
Troponin T	1	-	X					
Troponin T increased	6	-	X		X		X	
Tryptase increased	2	-	X					
Tuberculin test positive	1	-			X			
Tuberculosis	6	2	X		X			
Tuberculosis immunisation	1	-	X					
Tuberculosis of central nervous system	1	-			X			
Tuberous sclerosis complex	1	-	X					
Tubulointerstitial nephritis	20	-	X		X			
Tumefactive multiple sclerosis	1	1	X		X			
Tumour excision	1	-	X					
Tumour haemorrhage	1	-			X			
Tumour lysis syndrome	2	-	X		X			
Tumour marker increased	1	-	X					
Tumour pain	1	-	X					
Tumour vaccine therapy	1	-	X					
Tunnel vision	65	-	X	X	X		X	
Turner's syndrome	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Twin pregnancy	3	-	X				X	
Tympanic membrane perforation	15	-	X	X	X			
Type 1 diabetes mellitus	59	-	X	X	X		X	
Type 2 diabetes mellitus	19	-	X	X	X		X	
Type 2 lepra reaction	1	-					X	
Type I hypersensitivity	4	-	X		X		X	
Type IIa hyperlipidaemia	1	-	X					
Type III immune complex mediated reaction	14	-	X		X		X	
Type IV hypersensitivity reaction	25	-	X		X		X	
Typhoid fever	3	-	X		X			
Typical aura without headache	35	-	X	X	X	X	X	
Tyramine reaction	1	-	X					
Ubiquinone	5	-	X		X			
Ubiquinone decreased	2	-	X					
Uhthoff's phenomenon	3	-	X				X	
Ulcer	97	-	X		X	X	X	
Ulcer haemorrhage	6	-	X		X			
Ulcerative keratitis	11	-	X		X		X	
Ulnar nerve injury	11	-	X		X		X	
Ulnar nerve palsy	5	-	X		X			
Ulnar neuritis	7	-	X		X			
Ulnar tunnel syndrome	3	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ultrasound abdomen abnormal	1	-				X		
Ultrasound kidney	1	-	X					
Ultrasound kidney normal	1	-			X			
Ultrasound scan	1	-	X					
Ultrasound scan vagina normal	1	-	X					
Umbilical cord abnormality	1	-			X			
Umbilical cord around neck	1	-	X					
Umbilical cord thrombosis	2	-			X		X	
Underdose	17	-	X		X			
Undersensing	11	-	X		X		X	
Underweight	2	-	X					
Unemployment	1	-	X					
Unevaluable event	26	-	X		X	X		X
Unhealthy lifestyle	1	-	X					
Unintended pregnancy	6	-	X		X			
Unresponsive to stimuli	211	-	X	X	X	X	X	
Unwanted pregnancy	1	-			X			
Upper airway obstruction	4	-	X		X			
Upper gastrointestinal haemorrhage	30	1	X		X		X	
Upper limb fracture	8	-	X		X		X	
Upper motor neurone lesion	1	-			X			
Upper respiratory tract congestion	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Upper respiratory tract infection	31	-	X	X	X	X	X	
Upper respiratory tract irritation	1	-			X			
Upper-airway cough syndrome	58	-	X	X	X	X	X	
Urea urine increased	1	-	X					
Ureteral disorder	2	-	X					
Ureteric stenosis	1	-			X			
Urethral pain	17	-	X	X	X		X	
Urethral spasm	1	-	X					
Urethral stenosis	2	-	X		X			
Urethritis	4	-	X		X			
Urge incontinence	5	-	X		X			
Urinary bladder haemorrhage	27	1	X		X		X	
Urinary bladder rupture	1	-	X					
Urinary hesitation	11	-	X		X			
Urinary incontinence	302	-	X	X	X	X	X	X
Urinary retention	192	-	X	X	X	X	X	
Urinary sediment abnormal	1	-						
Urinary straining	3	-	X				X	
Urinary tract candidiasis	1	-			X			
Urinary tract discomfort	5	-	X		X			
Urinary tract disorder	17	-	X		X			
Urinary tract infection	643	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Urinary tract infection bacterial	8	-	X		X		X	
Urinary tract infection viral	1	-				X		
Urinary tract inflammation	2	-			X		X	
Urinary tract pain	27	-	X	X	X		X	
Urine abnormality	42	-	X		X	X	X	
Urine analysis	1	-	X					
Urine analysis abnormal	23	-	X		X			
Urine analysis normal	3	-	X					
Urine copper	5	-	X		X		X	
Urine cytology	1	-			X			
Urine flow decreased	48	-	X		X		X	
Urine ketone body	1	-			X			
Urine ketone body present	4	-	X		X			
Urine odour abnormal	42	-	X	X	X		X	
Urine osmolarity	1	-			X			
Urine output	80	-	X		X	X	X	
Urine output decreased	36	-	X		X		X	
Urine output increased	18	-	X		X			
Urine uric acid increased	1	-			X			
Urogenital haemorrhage	1	-	X					
Urological examination	1	-	X					
Urosepsis	16	1	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Urticaria	6,535	-	X	X	X	X	X	
Urticaria aquagenic	1	-					X	
Urticaria cholinergic	5	-	X		X		X	
Urticaria chronic	123	-	X	X	X	X	X	
Urticaria contact	5	-	X		X		X	
Urticaria papular	13	-	X	X	X		X	
Urticaria pigmentosa	1	-	X					
Urticaria pressure	1	-			X			
Urticaria thermal	19	-	X		X			
Urticarial dermatitis	2	-	X					
Urticarial vasculitis	15	-	X		X		X	
Use of accessory respiratory muscles	8	-	X		X		X	
Uterine atony	1	-					X	
Uterine cancer	7	-	X		X		X	
Uterine contractions abnormal	3	-	X		X			
Uterine contractions during pregnancy	7	-	X		X			
Uterine cyst	1	-	X					
Uterine dilation and evacuation	1	-	X					
Uterine enlargement	2	-	X					
Uterine haemorrhage	145	-	X	X	X	X	X	
Uterine hypertonus	11	-			X		X	
Uterine inflammation	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Uterine irritability	1	-					X	
Uterine leiomyoma	53	-	X	X	X		X	
Uterine leiomyoma prolapse	1	-	X					
Uterine mass	2	-	X		X			
Uterine pain	38	-	X		X		X	
Uterine polyp	12	-	X		X		X	
Uterine rupture	2	-	X		X			
Uterine spasm	88	-	X		X		X	
UV light therapy	2	-	X		X			
Uveitis	142	-	X	X	X	X	X	
Uvulitis	13	-	X		X		X	
Vaccination complication	11	-	X		X	X	X	
Vaccination error	20	-	X		X	X		
Vaccination failure	232	-	X	X	X		X	
Vaccination site abscess	21	-	X		X		X	
Vaccination site anaesthesia	1	-			X			
Vaccination site atrophy	1	-	X					
Vaccination site bruising	332	-	X	X	X	X	X	
Vaccination site cellulitis	48	-	X		X		X	
Vaccination site coldness	5	-	X		X			
Vaccination site cyst	10	-	X		X			
Vaccination site dermatitis	2	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaccination site discharge	2	-	X		X			
Vaccination site discolouration	39	-	X		X		X	
Vaccination site discomfort	120	-	X	X	X	X	X	
Vaccination site dryness	3	-	X		X			
Vaccination site eczema	2	-			X		X	
Vaccination site erythema	1,801	-	X	X	X	X	X	X
Vaccination site extravasation	1	-	X					
Vaccination site granuloma	13	-	X		X			
Vaccination site haematoma	4	-	X		X			
Vaccination site haemorrhage	56	-	X	X	X	X	X	
Vaccination site hyperaesthesia	1	-	X					
Vaccination site hypersensitivity	9	-	X		X			
Vaccination site hypoaesthesia	51	-	X		X		X	
Vaccination site induration	181	-	X		X	X	X	
Vaccination site infection	45	-	X	X	X		X	
Vaccination site inflammation	155	-	X	X	X	X	X	
Vaccination site injury	8	-	X	X	X			
Vaccination site irritation	34	-	X	X	X		X	
Vaccination site joint discomfort	5	-	X		X			
Vaccination site joint erythema	21	-	X	X	X		X	
Vaccination site joint inflammation	3	-	X		X			
Vaccination site joint movement impairment	54	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaccination site joint pain	113	-	X		X	X	X	X
Vaccination site joint swelling	8	-	X		X			
Vaccination site joint warmth	4	-	X		X		X	
Vaccination site lymphadenopathy	14	-	X		X	X	X	
Vaccination site macule	2	-			X		X	
Vaccination site mass	1,041	-	X	X	X	X	X	
Vaccination site movement impairment	255	-	X		X	X	X	X
Vaccination site necrosis	1	-			X			
Vaccination site nerve damage	3	-	X		X			
Vaccination site nodule	7	-	X		X			
Vaccination site oedema	8	-	X	X	X		X	
Vaccination site pain	5,347	-	X	X	X	X	X	X
Vaccination site papule	10	-	X	X	X		X	
Vaccination site paraesthesia	25	-	X		X		X	
Vaccination site phlebitis	1	-			X			
Vaccination site photosensitivity reaction	1	-			X			
Vaccination site pruritus	414	-	X	X	X	X	X	X
Vaccination site pustule	10	-	X		X		X	
Vaccination site rash	521	-	X	X	X	X	X	X
Vaccination site reaction	77	-	X		X		X	
Vaccination site scab	8	-	X		X			
Vaccination site scar	13	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaccination site swelling	1,477	-	X	X	X	X	X	X
Vaccination site thrombosis	1	-			X			
Vaccination site ulcer	4	-			X			
Vaccination site urticaria	40	-	X		X	X	X	
Vaccination site vesicles	33	-	X	X	X	X	X	
Vaccination site warmth	880	-	X	X	X	X	X	
Vaccine breakthrough infection	27	-	X		X		X	
Vaccine coadministration	3	-	X		X		X	
Vaccine derived SARS-CoV-2 infection	1	-	X					
Vaccine induced antibody absent	2	-	X		X			
Vaccine interaction	1	-	X					
Vaccine positive rechallenge	1	-	X					
Vaccine virus shedding	3	-	X		X			
Vaccinia virus infection	5	-	X		X		X	
Vaginal abscess	3	-	X					
Vaginal cyst	24	-	X		X		X	
Vaginal discharge	210	-	X		X		X	
Vaginal disorder	2	-	X					
Vaginal haemorrhage	3,731	-	X	X	X	X	X	
Vaginal infection	10	-	X		X		X	
Vaginal lesion	8	-	X		X			
Vaginal mucosal blistering	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaginal odour	12	-	X		X		X	
Vaginal oedema	1	-			X			
Vaginal polyp	1	-			X			
Vaginal prolapse	3	-	X		X			
Vaginal ulceration	17	-	X		X		X	
Vagotomy	3	-	X					
Vagus nerve disorder	5	-	X		X		X	
Vagus nerve paralysis	1	-	X					
Vancomycin infusion reaction	3	-			X		X	
Varicella	89	-	X		X		X	
Varicella virus test positive	1	-	X					
Varicella zoster virus infection	12	-	X		X		X	
Varices oesophageal	4	-	X					
Varicocele	10	-	X		X		X	
Varicophlebitis	17	-	X		X		X	
Varicose ulceration	1	-	X					
Varicose vein	226	-	X		X		X	
Varicose vein ruptured	3	-	X		X		X	
Varicose veins pelvic	1	-	X					
Vascular access site bruising	1	-	X					
Vascular compression	3	-	X		X			
Vascular dementia	7	-	X	X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vascular endothelial growth factor overexpression	1	-	X					
Vascular fragility	2	-	X		X			
Vascular graft	1	-	X					
Vascular graft occlusion	1	-	X					
Vascular graft thrombosis	1	-	X					
Vascular headache	119	-	X		X		X	
Vascular injury	26	-	X		X	X	X	
Vascular occlusion	5	-	X		X			
Vascular pain	207	-	X		X	X	X	X
Vascular parkinsonism	2	-	X				X	
Vascular pseudoaneurysm	3	-	X		X			
Vascular purpura	1	-					X	
Vascular rupture	3	-	X					
Vascular skin disorder	2	-	X		X			
Vascular stent occlusion	1	-	X					
Vascular stent thrombosis	3	-	X		X	X		
Vascular wall discolouration	1	-	X					
Vascular wall hypertrophy	1	-			X			
Vasculitic rash	60	-	X		X	X	X	
Vasculitic ulcer	1	-	X					
Vasculitis	237	1	X	X	X	X	X	
Vasoconstriction	3	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vasodilatation	196	-	X	X	X	X	X	
Vasodilation procedure	1	-			X			
Vasogenic cerebral oedema	1	-	X					
Vasoligation	2	-			X		X	
Vasomotor rhinitis	1	-					X	
Vasoplegia syndrome	2	-	X				X	
Vasospasm	16	-	X		X		X	
Vein collapse	2	-	X					
Vein discolouration	22	-	X		X		X	
Vein disorder	40	-	X		X			
Vein rupture	27	-	X		X		X	
Vein wall hypertrophy	1	-			X			
Vena cava embolism	1	-			X			
Vena cava thrombosis	10	1	X		X		X	
Venogram	5	-	X		X			
Venous aneurysm	1	-	X					
Venous haemorrhage	13	-	X		X			
Venous hypertension	4	-	X					
Venous injury	1	-	X					
Venous occlusion	4	-	X		X			
Venous oxygen saturation decreased	2	-	X		X			
Venous pressure	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Venous pressure jugular increased	1	-	X					
Venous recanalisation	1	-	X					
Venous thrombosis	53	-	X		X	X	X	
Venous thrombosis limb	7	-	X					
Venous valve ruptured	1	-	X					
Ventilation perfusion mismatch	1	-	X					
Ventilation/perfusion scan	4	-	X		X			
Ventricular arrhythmia	14	-	X		X		X	
Ventricular dysfunction	2	-			X			
Ventricular dyskinesia	1	-	X					
Ventricular enlargement	1	-				X		
Ventricular extrasystoles	78	-	X	X	X	X	X	
Ventricular failure	1	-	X					
Ventricular fibrillation	21	2	X		X		X	
Ventricular hypertrophy	7	1	X		X			
Ventricular hypokinesia	8	-	X		X			
Ventricular hypoplasia	1	-			X			
Ventricular septal defect	3	-			X			
Ventricular tachycardia	70	-	X	X	X	X	X	
Verbal abuse	2	-	X		X			
Verbigeration	1	-	X					
Vertebral artery occlusion	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vertebral artery thrombosis	3	-	X					
Vertebral osteophyte	1	-			X			
Vertebrobasilar artery dissection	6	-	X	X	X			
Vertebrobasilar insufficiency	1	-		X				
Vertebrobasilar stroke	1	-			X			
Vertigo	4,835	-	X	X	X	X	X	X
Vertigo CNS origin	11	-	X		X	X		
Vertigo labyrinthine	37	-	X		X	X	X	
Vertigo positional	316	-	X	X	X	X	X	
Very low density lipoprotein decreased	1	-	X					
Vessel puncture site bruise	6	-	X		X		X	
Vessel puncture site erythema	1	-			X			
Vessel puncture site pain	1	-			X			
Vestibular ataxia	1	-	X					
Vestibular disorder	33	-	X		X		X	
Vestibular migraine	85	-	X		X	X	X	
Vestibular neuronitis	91	-	X		X	X	X	
Vestibulitis	9	-	X	X	X		X	
VEXAS syndrome	2	-	X					
Vibration syndrome	8	-	X		X			
Vibratory sense increased	8	-	X		X		X	
Victim of abuse	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
VIIIth nerve injury	2	-	X					
Violence-related symptom	4	-	X				X	
Viraemia	4	-	X					
Viral diarrhoea	7	-	X		X	X		
Viral infection	183	-	X	X	X		X	
Viral labyrinthitis	13	-	X		X		X	
Viral load	3	-	X		X			
Viral myelitis	1	-	X					
Viral myocarditis	9	-	X		X		X	
Viral pericarditis	11	-	X		X		X	
Viral pharyngitis	64	-	X	X	X	X	X	
Viral rash	166	-	X	X	X		X	
Viral sepsis	1	-	X					
Viral sinusitis	2	-	X		X			
Viral test	8	-	X		X			
Viral test positive	2	-	X		X			
Viral tonsillitis	3	-	X		X			
Viral upper respiratory tract infection	2	-	X	X				
Visceral oedema	1	-	X					
Visceral pain	7	-	X		X		X	
Visceral venous thrombosis	17	1	X		X		X	
Vision blurred	5,458	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Visual acuity reduced	76	-	X		X		X	
Visual acuity reduced transiently	2	-	X		X			
Visual acuity tests	1	-			X			
Visual brightness	14	-	X		X		X	
Visual field defect	102	-	X	X	X		X	
Visual impairment	1,597	-	X	X	X	X	X	
Visual perseveration	4	-	X		X			
Visual snow syndrome	16	-	X	X	X			
Visual tracking test	2	-	X				X	
Visual tracking test abnormal	1	-					X	
Visuospatial deficit	4	-	X		X			
Vital capacity	1	-			X			
Vital signs measurement	1	-	X					
Vitamin B complex deficiency	3	-	X		X			
Vitamin B12	5	-	X		X			
Vitamin B12 abnormal	7	-	X		X			
Vitamin B12 decreased	14	-	X		X			
Vitamin B12 deficiency	33	-	X	X	X	X		
Vitamin B12 increased	1	-	X					
Vitamin D	8	-	X		X			
Vitamin D decreased	16	-	X		X		X	
Vitamin D deficiency	38	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vitamin D increased	1	-	X					
Vitamin E decreased	1	-	X					
Vlth nerve disorder	2	-			X			
Vlth nerve paralysis	26	-	X	X	X			
Vitiligo	109	-	X	X	X	X	X	
Vitreoretinal traction syndrome	1	-	X					
Vitreous cyst	1	-	X					
Vitreous detachment	96	-	X		X	X	X	
Vitreous disorder	1	-			X			
Vitreous floaters	432	-	X	X	X	X	X	
Vitreous haematoma	1	-	X					
Vitreous haemorrhage	20	-	X	X	X	X		
Vitreous opacities	1	-	X					
Vocal cord disorder	8	-	X	X	X			
Vocal cord dysfunction	15	-	X	X	X			
Vocal cord inflammation	1	-		X				
Vocal cord paralysis	15	-	X		X	X	X	
Vocal cord paresis	1	-		X				
Vocal cord thickening	2	-	X					
Vogt-Koyanagi-Harada disease	1	-			X			
Volume blood	8	-	X		X			
Volume blood decreased	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Volvulus	1	1 X			X			
Vomiting	20,603	2 X		X	X	X	X	X
Vomiting projectile	285	- X		X	X	X	X	
Vomiting psychogenic	1	-			X			
Vth nerve injury	3	- X			X			
Vulva cyst	4	- X			X		X	
Vulval abscess	2	- X			X			
Vulval cancer	1	- X						
Vulval disorder	6	- X			X			
Vulval eczema	1	-			X			
Vulval haemorrhage	80	- X		X	X	X	X	
Vulval oedema	3	- X			X			
Vulval ulceration	22	- X			X		X	
Vulvitis	1	-			X			
Vulvovaginal burning sensation	22	- X			X		X	
Vulvovaginal candidiasis	146	- X		X	X		X	
Vulvovaginal discomfort	15	- X		X	X		X	
Vulvovaginal disorder	2	- X						
Vulvovaginal dryness	22	- X			X		X	
Vulvovaginal erythema	4	- X			X			
Vulvovaginal inflammation	5	- X			X			
Vulvovaginal mycotic infection	14	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vulvovaginal pain	85	-	X	X	X		X	
Vulvovaginal pruritus	27	-	X	X	X		X	
Vulvovaginal rash	5	-	X		X			
Vulvovaginal swelling	14	-	X		X		X	
Vulvovaginal ulceration	9	-	X		X			
Vulvovaginitis staphylococcal	1	-	X					
Walking aid user	7	-	X		X		X	
Walking disability	21	-	X	X	X	X		
Walking distance test abnormal	1	-		X				
Warm autoimmune haemolytic anaemia	3	-			X			
Water pollution	8	-	X		X		X	
Waxy flexibility	2	-	X					
Weber tuning fork test abnormal	1	-			X			
Weber's syndrome	1	-						
Weight	2	-	X		X			
Weight abnormal	2	-			X		X	
Weight bearing difficulty	23	-	X		X	X	X	
Weight decreased	527	-	X	X	X	X	X	
Weight gain poor	1	-	X					
Weight increased	172	-	X	X	X		X	
Weight loss poor	10	-	X		X		X	
Wheat-free diet	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Wheelchair user	6	-	X		X		X	
Wheezing	1,484	-	X	X	X	X	X	
White blood cell count	27	-	X		X		X	
White blood cell count abnormal	1	-			X			
White blood cell count decreased	61	-	X	X	X		X	
White blood cell count increased	38	-	X		X	X	X	
White blood cell count normal	1	-	X					
White blood cell disorder	6	-	X		X			
White blood cells urine	1	-			X			
White blood cells urine positive	2	-	X		X			
White coat hypertension	14	-	X		X		X	
White matter lesion	8	-	X		X			
Winged scapula	2	-	X					
Withdrawal bleed	32	-	X		X		X	
Withdrawal syndrome	160	-	X		X		X	
Wolff-Parkinson-White syndrome	1	-			X			
Wound	24	-	X	X	X			
Wound abscess	1	-	X					
Wound complication	37	-	X	X	X		X	
Wound haematoma	2	-			X	X		
Wound haemorrhage	18	-	X	X	X		X	
Wound infection	3	-			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Wound infection staphylococcal	1	-	X					
Wound necrosis	-	1			X			
Wound secretion	13	-	X	X	X			
Wound sepsis	2	-	X					
Wound treatment	1	-	X					
Wrist deformity	2	-	X					
Wrist fracture	6	-	X		X			
Writer's cramp	2	-	X		X			
Wrong device used	1	-	X					
Wrong dose	4	-			X			
Wrong drug	16	-	X		X			
Wrong patient received product	1	-	X					
Wrong product administered	56	-	X	X	X		X	
Wrong route	1	-	X					
Wrong schedule	4	-	X		X		X	
Wrong technique in device usage process	2	-					X	
Wrong technique in product usage process	35	-	X	X	X	X	X	
Xanthochromia	1	-	X					
Xanthopsia	12	-	X		X		X	
Xerosis	1	-			X			
X-ray	4	-	X		X		X	
X-ray limb	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
X-ray limb abnormal	1	-	X					
X-ray limb normal	1	-					X	
X-ray of pelvis and hip	2	-	X					
X-ray with contrast upper gastrointestinal tract	2	-			X		X	
Yawning	128	-	X		X		X	
Yellow fever	1	-	X					
Yellow fever vaccine-associated neurotropic disease	1	-	X					
Yellow skin	71	-	X		X		X	
Young's syndrome	1	-	X					
Zinc sulphate turbidity increased	1	-	X					
Zoonotic bacterial infection	-	1			X			
TOTALS	1,665,602	2,688						