

UK ONS Data to March 29th, 2023 - Adverse Events from AZ, Pfizer, Moderna, Novavax and Other COVID Vaccines

Source data in links.

**COVID-19 Vaccine AstraZeneca**

<https://yellowcard.mhra.gov.uk/idaps/CHADOX1%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	2,732	-	X	X	X	X	X	
Abdominal distension	1,583	-	X	X	X	X	X	
Abdominal hernia	3	-	X		X			
Abdominal infection	3	-	X		X			
Abdominal injury	1	-	X					
Abdominal lymphadenopathy	5	-	X		X			
Abdominal mass	7	-	X		X		X	
Abdominal migraine	5	-	X		X			
Abdominal pain	7,063	1	X	X	X	X	X	
Abdominal pain lower	474	-	X	X	X	X	X	
Abdominal pain upper	10,164	1	X	X	X	X	X	
Abdominal rigidity	97	-	X		X	X	X	
Abdominal sepsis	2	-	X					
Abdominal symptom	10	-	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Abdominal tenderness	47	- X			X		X	
Abdominal wall haematoma	2	-			X			
Abdominal wall infection	1	- X						
Abnormal behaviour	68	- X			X		X	
Abnormal clotting factor	18	- X			X		X	
Abnormal dreams	678	- X	X	X	X	X	X	
Abnormal faeces	56	- X	X	X	X	X	X	
Abnormal loss of weight	165	- X	X	X	X	X	X	
Abnormal menstrual clots	3	- X					X	
Abnormal organ growth	1	-			X			
Abnormal sensation in eye	59	- X			X		X	
Abnormal sleep-related event	4	- X			X		X	
Abnormal uterine bleeding	21	- X	X	X	X		X	
Abnormal weight gain	83	- X			X		X	
Abnormal withdrawal bleeding	9	- X			X			
Abortion	2	-			X			
Abortion induced	2	- X			X			
Abortion missed	8	- X			X			
Abortion spontaneous	921	- X	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	11	- X			X		X	
Abscess rupture	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Abscess soft tissue	3	-	X		X			
Abscess sweat gland	1	-			X			
Abulia	1	-	X					
Acanthosis	1	-	X					
Acarodermatitis	18	-	X		X		X	
Accelerated hypertension	4	-	X		X	X		
Accelerated idioventricular rhythm	1	-				X		
Accident	2	-			X			
Accidental exposure to product	50	-	X		X		X	
Accidental exposure to product packaging	1	-	X					
Accidental overdose	85	-	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	426	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Acquired claw toe	1	-	X					
Acquired cystic kidney disease	1	-	X					
Acquired diaphragmatic eventration	2	-	X		X			
Acquired factor VIII deficiency	1	-			X			
Acquired haemophilia	7	-	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	9	2	X		X			
Acute chest syndrome	1	-			X			
Acute coronary syndrome	23	1	X		X	X	X	
Acute disseminated encephalomyelitis	27	-	X	X	X			
Acute encephalitis with refractory, repetitive partial seizures	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Acute endocarditis	2	-	X					
Acute febrile neutrophilic dermatosis	8	-	X		X		X	X
Acute flaccid myelitis	1	-	X					
Acute generalised exanthematous pustulosis	3	-	X		X			
Acute hepatic failure	5	-	X		X		X	
Acute kidney injury	154	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 macular neuroretinopathy	11	-	X		X		X	
Acute motor axonal neuropathy	10	-	X		X			
Acute motor-sensory axonal neuropathy	1	-			X			
Acute myeloid leukaemia	5	3	X	X				
Acute myocardial infarction	116	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			
Acute respiratory failure	4	2	X		X			
Acute sinusitis	14	-	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	9	1	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Adenocarcinoma	2	-	X					
Adenocarcinoma metastatic	1	-			X			
Adenoidal disorder	1	-			X			
Adenomyosis	31	-	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	
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					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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			
Administration site warmth	5	-	X		X		X	
Adnexa uteri mass	1	-			X			
Adnexa uteri pain	143	-	X		X		X	
Adnexal torsion	1	-			X			
Adrenal disorder	8	-	X		X			
Adrenal gland cancer	1	-			X			
Adrenal haematoma	2	-	X					
Adrenal haemorrhage	11	-	X		X			
Adrenal insufficiency	30	-	X		X		X	
Adrenal mass	3	-	X		X			
Adrenal thrombosis	2	-	X					
Adrenalectomy	2	-	X		X			
Adrenocortical insufficiency acute	58	-	X	X	X		X	
Adrenomegaly	2	-	X					
Advanced sleep phase	1	-	X					
Adverse drug reaction	1,452	-	X	X	X	X	X	X
Adverse event	15	-	X		X			X
Adverse event following immunisation	10	-	X		X		X	
Adverse food reaction	9	-	X	X	X			
Adverse reaction	21	-	X		X		X	
Aerophagia	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Affect lability	32	-	X		X		X	
Affective disorder	11	-	X	X	X		X	
African trypanosomiasis	14	-	X		X	X		
Age-related macular degeneration	1	-			X			
Ageusia	1,952	-	X	X	X	X	X	X
Aggression	42	-	X		X		X	
Agitated depression	11	-	X	X	X			
Agitation	375	-	X	X	X	X	X	
Agitation neonatal	3	-	X		X		X	
Agonal respiration	4	-	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	2	-	X		X			
Alanine aminotransferase	1	-			X			
Alanine aminotransferase decreased	1	-	X					
Alanine aminotransferase increased	69	-	X		X		X	
Alanine aminotransferase normal	1	-	X					
Albumin urine	1	-			X			
Albuminuria	1	-			X			
Alcohol abuse	2	-	X					
Alcohol interaction	7	-			X		X	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Alcohol intolerance	27	-	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	46	-	X	X	X		X	
Allergic reaction to excipient	10	-	X		X			
Allergic respiratory disease	4	-	X		X		X	
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	20	-	X		X		X	
Allergy to metals	6	-	X		X	X	X	
Allergy to sting	2	-	X		X			
Allergy to vaccine	141	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Allergy to venom	1	- X						
Allodynia	104	- X	X	X			X	
Alopecia	1,312	- X	X	X		X	X	
Alopecia areata	181	- X	X	X			X	
Alopecia scarring	4	- X			X			
Alopecia totalis	13	- X			X		X	
Alopecia universalis	6	- X			X			
Alpha 1 globulin decreased	1	-			X			
Alpha 2 globulin decreased	1	-			X			
Alpha-1 antitrypsin deficiency	1	-			X			
Altered state of consciousness	35	- 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	1,547	- X	X	X	X	X	X	
Amnesia	932	- X	X	X	X	X	X	
Amniocentesis abnormal	1	-			X			
Amniorrhoea	2	-			X			
Amniotic fluid volume decreased	1	-			X			
Amplified musculoskeletal pain syndrome	1	- X						
Amylase increased	3	- X			X		X	
Amyotrophic lateral sclerosis	6	- X			X			
Anaemia	399	1 X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Anaemia folate deficiency	4	-	X		X			
Anaemia macrocytic	2	-			X			
Anaemia megaloblastic	1	-			X			
Anaemia vitamin B12 deficiency	25	-	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	85	1	X		X	X	X	
Anal hypoaesthesia	9	-	X		X			
Anal incontinence	98	-	X	X	X	X	X	
Anal inflammation	2	-	X					
Anal paraesthesia	2	-	X					
Anal pruritus	12	-	X		X	X	X	
Anal rash	3	-	X		X		X	
Anal sex	1	-	X					
Anal spasm	2	-	X		X			
Anal sphincter atony	2	-			X		X	
Anal ulcer	3	-	X		X			
Analgesic drug level	31	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Analgesic drug level increased	1	-	X					
Analgesic drug level therapeutic	1	-	X					
Analgesic therapy	4	-	X		X		X	
Anamnestic reaction	1	-			X			
Anaphylactic reaction	1,476	3	X	X	X	X	X	X
Anaphylactic shock	213	-	X	X	X	X	X	
Anaphylactoid reaction	62	-	X	X	X		X	
Anaphylactoid shock	8	-	X		X			
Anaphylaxis prophylaxis	5	-	X		X			
Anaphylaxis treatment	14	-	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	23	1	X		X			
Aneurysm ruptured	4	-	X		X		X	
Anger	173	-	X	X	X	X	X	
Angina bullosa haemorrhagica	5	-	X		X			
Angina pectoris	770	1	X	X	X	X	X	
Angina unstable	30	-	X	X	X		X	
Angiodermatitis	3	-	X		X			
Angioedema	798	-	X	X	X	X	X	
Angioimmunoblastic T-cell lymphoma	1	-			X			
Angiopathy	8	-	X		X			
Angiosarcoma	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Angle closure glaucoma	8	-	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	29	-	X		X		X	
Anisocytosis	3	-	X					
Anisomastia	1	-	X					
Ankle fracture	4	-	X		X			
Ankle impingement	1	-	X					
Ankyloglossia congenital	2	-	X		X			
Ankylosing spondylitis	53	-	X	X	X		X	
Anogenital warts	12	-	X		X		X	
Anomalous pulmonary venous connection	1	-			X			
Anonychia	1	-	X					
Anorectal discomfort	19	-	X		X	X	X	
Anorectal infection	1	-			X			
Anorectal swelling	2	-	X		X			
Anorectal varices	1	-	X					
Anorgasmia	11	-	X		X			
Anosmia	819	-	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					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Antibiotic therapy	2	-	X					
Antibody test	10	-	X		X			
Antibody test abnormal	9	-	X					
Antibody test negative	20	-	X				X	
Antibody test positive	5	-	X		X			
Anticholinergic syndrome	1	-			X			
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	2	-	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	5	-	X		X			
Antiphospholipid antibodies	3	-	X					
Antiphospholipid antibodies positive	5	-	X					
Antiphospholipid syndrome	46	-	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			
Antitussive therapy	1	-	X					
Anuria	11	-	X		X			
Anxiety	3,128	-	X	X	X	X	X	
Anxiety disorder	12	-	X		X		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	1	-	X					
Aortic disorder	1	-			X			
Aortic dissection	6	3	X		X		X	
Aortic dissection rupture	-	1			X			
Aortic embolus	30	1	X		X			
Aortic injury	2	-			X			
Aortic intramural haematoma	1	-	X					
Aortic occlusion	2	-	X		X			
Aortic rupture	1	2	X		X			
Aortic stenosis	8	-	X		X		X	
Aortic thrombosis	23	4	X		X	X	X	
Aortic valve incompetence	7	-	X		X			
Aortic valve replacement	2	-	X					
Aortic valve sclerosis	1	-	X					
Aortic valve stenosis	1	-	X					
Aortitis	4	-	X		X			
APACHE II score	1	-	X					
Apathy	145	-	X	X	X	X	X	
Aphasia	362	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Aphonia	319	-	X	X	X	X	X	
Aphthous ulcer	140	-	X		X	X	X	
Aplasia	1	-				X		
Aplasia pure red cell	2	-			X			
Aplastic anaemia	11	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	113	-	X	X	X	X	X	
Appendicitis noninfective	3	-	X		X			
Appendicitis perforated	13	-	X		X		X	
Appendicolith	1	-			X			
Appendix disorder	6	-	X		X			
Appetite disorder	68	-	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			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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			
Application site movement impairment	1	-	X					
Application site odour	3	-	X		X			
Application site pain	73	-	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	2	-	X					
Arachnoiditis	5	-	X		X			
Arcus lipoides	1	-	X					
Areflexia	45	-	X		X			
Argyria	1	-			X			
Arm amputation	2	-	X		X			
Arnold-Chiari malformation	4	-	X		X		X	
Arrhythmia	438	7	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	47	-	X	X	X	X	X	
Arterial disorder	2	-	X					
Arterial fibrosis	3	-			X		X	
Arterial haemorrhage	1	-			X			
Arterial injury	1	-	X					
Arterial occlusive disease	20	-	X		X			
Arterial rupture	1	-	X					
Arterial spasm	4	-	X		X		X	
Arterial stenosis	3	-	X					
Arterial thrombosis	40	2	X		X	X	X	
Arteriogram carotid	1	-	X					
Arteriosclerosis	16	-	X		X		X	
Arteriosclerosis coronary artery	16	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			
Artery dissection	9	-	X		X	X		
Arthralgia	41,133	-	X	X	X	X	X	X
Arthritis	1,287	-	X	X	X	X	X	
Arthritis allergic	1	-					X	
Arthritis bacterial	19	-	X		X	X	X	
Arthritis enteropathic	3	-	X				X	
Arthritis infective	8	-	X		X		X	
Arthritis reactive	196	-	X	X	X	X	X	
Arthritis viral	6	-	X		X		X	
Arthropathy	99	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	14	-	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	13	2	X		X			
Aspiration bone marrow	1	-			X			
Aspiration pleural cavity	1	-						
Asterixis	1	-	X					
Asthenia	9,011	5	X	X	X	X	X	X
Asthenopia	590	-	X	X	X	X	X	
Asthma	1,358	2	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	-						
Asymptomatic COVID-19	30	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ataxia	92	-	X	X	X		X	
Atelectasis	13	-	X		X			
Atheroembolism	1	-	X					
Atonic seizures	26	-	X		X	X	X	
Atonic urinary bladder	1	-	X					
Atopic cough	1	-			X			
Atopy	9	-	X		X			
Atrial fibrillation	943	3	X	X	X	X	X	
Atrial flutter	126	-	X	X	X	X	X	
Atrial septal defect	4	-	X		X			
Atrial tachycardia	29	-	X	X	X	X	X	
Atrial thrombosis	6	1	X		X			
Atrioventricular block	81	3	X	X	X	X	X	
Atrioventricular block complete	7	2	X		X	X	X	
Atrioventricular block first degree	9	-	X		X			
Atrioventricular block second degree	13	-	X		X			
Atrophic vulvovaginitis	3	-	X		X			
Atrophy	8	-	X		X			
Attention deficit hyperactivity disorder	34	-	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	64	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Aural polyp	1	-	X					
Auricular swelling	3	-			X			
Autism spectrum disorder	10	-	X		X			
Autoimmune anaemia	6	-	X		X		X	
Autoimmune arthritis	29	-	X	X	X		X	
Autoimmune blistering disease	2	-	X		X			
Autoimmune colitis	7	-	X		X			
Autoimmune demyelinating disease	2	-	X	X				
Autoimmune dermatitis	5	-	X		X		X	
Autoimmune disorder	179	-	X	X	X	X	X	
Autoimmune encephalopathy	8	2	X	X	X			
Autoimmune eye disorder	1	-	X					
Autoimmune haemolytic anaemia	31	-	X		X		X	
Autoimmune heparin-induced thrombocytopenia	1	-	X					
Autoimmune hepatitis	36	-	X	X	X	X	X	
Autoimmune hypothyroidism	1	-			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	5	-	X				X	
Autoimmune neutropenia	5	-	X		X		X	
Autoimmune pancreatitis	2	-			X			
Autoimmune pericarditis	1	-	X					
Autoimmune thyroid disorder	2	-	X		X			
Autoimmune thyroiditis	24	-	X		X		X	
Autoimmune uveitis	4	-	X		X			
Autoinflammatory disease	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Automatic bladder	2	-	X		X			
Automatism	1	-			X			
Autonomic nervous system imbalance	63	-	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	499	-	X	X	X	X	X	
Axillary nerve injury	1	-			X			
Axillary pain	6,042	-	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			
Bacille Calmette-Guerin scar reactivation	171	-	X		X	X	X	
Bacillus infection	1	-	X					
Back disorder	11	-	X		X			
Back injury	13	-	X		X		X	
Back pain	10,829	-	X	X	X	X	X	X
Bacteraemia	1	-	X					
Bacterial colitis	1	-			X			
Bacterial diarrhoea	1	-			X			
Bacterial infection	60	1	X		X		X	
Bacterial sepsis	2	-	X		X			
Bacterial test	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bacterial test positive	1	-			X			
Bacterial vaginosis	8	-	X		X		X	
Bacterial vulvovaginitis	1	-	X					
Balance disorder	1,883	-	X	X	X	X	X	
Balance test	2	-	X		X			
Balanitis candida	3	-	X		X			
Balanoposthitis	9	-	X		X			
Ballismus	2	-	X		X			
Band sensation	11	-	X		X		X	
Barium swallow	2	-	X					
Barotitis media	1	-			X			
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					
Basedow's disease	54	-	X	X	X		X	
Basilar artery occlusion	1	-	X					
Basilar artery thrombosis	4	2	X					
Basilar migraine	7	-	X		X		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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bed bug infestation	1	-			X			
Bed rest	43	-	X	X	X		X	
Bed sharing	1	-			X			
Bedridden	169	-	X		X	X	X	
Behaviour disorder	3	-	X		X			
Behcet's syndrome	9	-	X		X			
Bell's palsy	1,587	-	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 prostatic hyperplasia	4	-	X		X			
Benign spleen tumour	1	-	X					
Beta haemolytic streptococcal infection	1	-	X					
Beta-2 glycoprotein antibody positive	1	-			X			
Bickerstaff's encephalitis	1	-	X					
Bicuspid aortic valve	3	-	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	64	-	X	X	X	X	X	
Biliary dilatation	2	-	X		X			
Biliary obstruction	1	-	X					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Biliary sepsis	7	1	X		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	14	-	X		X		X	
Bipolar I disorder	10	-	X		X			
Birdshot chorioretinopathy	2	-			X			
Bite	3	-	X		X		X	
Bladder cancer	6	-	X		X			
Bladder catheterisation	3	-	X		X			
Bladder cyst	2	-	X		X			
Bladder dilatation	2	-	X				X	
Bladder discomfort	17	-	X		X		X	
Bladder disorder	48	-	X		X		X	
Bladder dysfunction	24	-	X		X		X	
Bladder fibrosis	1	-			X			
Bladder fistula repair	1	-	X					
Bladder injury	3	-	X		X		X	
Bladder irritation	26	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bladder neoplasm	1	-		X				
Bladder pain	125	-	X	X	X		X	
Bladder prolapse	2	-	X		X			
Bladder scan	3	-	X		X		X	
Bladder spasm	3	-	X		X			
Bladder training	2	-	X					
Bleeding anovulatory	1	-			X			
Bleeding time	13	-	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	58	-	X		X	X	X	
Blepharitis allergic	1	-			X			
Blepharospasm	390	-	X	X	X	X	X	
Blindness	593	-	X	X	X	X	X	
Blindness cortical	2	-	X		X			
Blindness day	1	-	X					
Blindness transient	64	-	X		X		X	
Blindness traumatic	1	-					X	
Blindness unilateral	86	-	X		X	X	X	
Blister	1,447	-	X	X	X	X	X	
Blister infected	4	-	X		X		X	
Blister rupture	11	-	X		X		X	
Block vertebra	1	-			X			
Blood albumin abnormal	1	-	X					
Blood alkaline phosphatase	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood alkaline phosphatase abnormal	1	-			X			
Blood alkaline phosphatase decreased	1	-	X					
Blood alkaline phosphatase increased	13	-	X	X	X		X	
Blood aluminium	1	-	X					
Blood antimony	1	-		X				
Blood arsenic normal	1	-	X					
Blood bilirubin	1	-	X					
Blood bilirubin decreased	1	-			X			
Blood bilirubin increased	15	-	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	45	-	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 increased	23	-	X		X		X	
Blood creatinine	2	-			X			
Blood creatinine abnormal	1	-	X					
Blood creatinine decreased	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood creatinine increased	10	-	X		X		X	
Blood culture	3	-	X					
Blood culture negative	1	-	X					
Blood cyanide	1	-	X					
Blood disorder	23	2	X		X		X	
Blood donor	2	-	X					
Blood electrolytes decreased	2	-	X					
Blood fibrinogen	1	-					X	
Blood fibrinogen abnormal	2	-	X					
Blood fibrinogen decreased	8	-	X					
Blood fibrinogen increased	2	-	X					
Blood folate	3	-	X					
Blood folate abnormal	1	-	X					
Blood folate decreased	34	-	X	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	
Blood glucose abnormal	42	-	X		X	X	X	
Blood glucose decreased	93	-	X	X	X	X	X	
Blood glucose fluctuation	53	-	X		X			
Blood glucose increased	327	-	X	X	X	X	X	
Blood glucose normal	1	-			X			
Blood group O	2	-	X					
Blood grouping	1	-	X					
Blood growth hormone	3	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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 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					
Blood iron	21	-	X		X		X	
Blood iron decreased	62	-	X		X		X	
Blood iron increased	8	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood oestrogen decreased	4	-	X	X	X			
Blood oestrogen increased	2	-	X					
Blood osmolarity	1	-	X					
Blood parathyroid hormone decreased	1	-	X					
Blood pH	27	-	X		X			
Blood pH abnormal	1	-			X			
Blood pH increased	29	-	X	X	X			
Blood phosphorus abnormal	1	-	X					
Blood phosphorus decreased	8	-	X		X			
Blood phosphorus increased	5	-	X		X			
Blood potassium abnormal	1	-			X			
Blood potassium decreased	21	-	X		X		X	
Blood potassium increased	12	-	X		X			
Blood pressure abnormal	42	-	X		X		X	
Blood pressure ambulatory increased	1	-			X			
Blood pressure decreased	225	-	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	62	-	X		X	X	X	
Blood pressure increased	805	-	X	X	X	X	X	X
Blood pressure measurement	191	-	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	4	-			X			
Blood pressure systolic increased	9	-	X	X	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	155	-	X		X		X	
Blood test normal	4	-	X		X		X	
Blood testosterone decreased	8	-	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	20	-	X		X		X	
Blood triglycerides	2	-	X					
Blood triglycerides increased	3	-	X					
Blood urea	8	-	X				X	
Blood urea increased	2	-	X				X	
Blood uric acid increased	7	-	X		X			
Blood urine	71	-	X	X	X	X	X	
Blood urine present	227	-	X	X	X	X	X	
Blood viscosity abnormal	2	-	X		X			
Blood viscosity decreased	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Blood viscosity increased	8	-	X		X		X	
Blood zinc increased	1	-	X					
Bloody discharge	45	-	X		X		X	
Blue toe syndrome	92	-	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 surface area	3	-	X					
Body surface area decreased	1	-	X					
Body temperature	1,514	-	X	X	X	X	X	
Body temperature abnormal	173	-	X	X	X	X	X	
Body temperature decreased	220	-	X		X	X	X	
Body temperature fluctuation	314	-	X	X	X	X	X	
Body temperature increased	1,937	-	X	X	X	X	X	X
Body temperature normal	4	-	X		X			
Body tinea	18	-	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	4	-	X		X			
Bone marrow disorder	4	-	X		X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Bone marrow oedema	2	-	X		X			
Bone marrow transplant	1	-					X	
Bone neoplasm	1	-			X			
Bone pain	1,804	-	X	X	X	X	X	
Bone scan	1	-					X	
Bone swelling	23	-	X		X		X	
Booster dose missed	1	-	X					
Boredom	1	-			X			
Botulinum toxin injection	1	-					X	
Bowel movement irregularity	20	-	X		X		X	
Bowen's disease	2	-	X		X			
Brachial plexopathy	3	-	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	207	1	X	X	X	X	X	
Bradycardia foetal	2	-			X			
Bradykinesia	75	-	X	X	X	X	X	
Bradyphrenia	156	-	X	X	X	X	X	
Brain abscess	5	-	X		X			
Brain cancer metastatic	3	-	X		X			
Brain compression	6	-	X		X			
Brain contusion	22	-	X		X	X		
Brain death	4	7	X		X			
Brain herniation	12	-	X		X		X	
Brain hypoxia	7	1	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Brain injury	67	5 X	X	X				
Brain malformation	2	- X						
Brain natriuretic peptide increased	3	- X			X			
Brain neoplasm	19	5 X			X			
Brain neoplasm malignant	3	- X						
Brain oedema	57	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	1	3 X			X		X	
Brain stem microhaemorrhage	1	- X						
Brain stem stroke	10	2 X			X			
Brain stem syndrome	2	- X						
Brain stem thrombosis	1	1 X						
Branchial cyst	3	- X						
Breakthrough COVID-19	1	- X						
Breakthrough pain	1	-			X			
Breast abscess	10	- X			X		X	
Breast atrophy	2	-			X			
Breast cancer	110	- X	X	X			X	
Breast cancer female	5	- X			X			
Breast cancer in situ	1	- X						
Breast cancer male	5	- X			X			
Breast cancer metastatic	1	- X						
Breast cancer stage I	2	- X			X			
Breast cancer stage III	6	- X			X			
Breast cancer stage IV	2	- X				X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Breast conserving surgery	10	- X	X	X	X	X		
Breast cyst	40	- X			X		X	
Breast discharge	20	- X	X	X	X		X	
Breast discolouration	1	- X						
Breast discomfort	29	- 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	14	- X			X		X	
Breast injury	1	-			X			
Breast mass	270	- X	X	X	X		X	
Breast milk discolouration	4	-			X			
Breast milk odour abnormal	2	-			X			
Breast milk substitute intolerance	1	-			X			
Breast oedema	13	- X			X		X	
Breast pain	1,669	- X	X	X	X	X	X	
Breast prosthesis user	5	- X			X			
Breast scan	1	-			X			
Breast swelling	305	- 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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Breath sounds abnormal	13	-	X		X		X	
Breathing-related sleep disorder	1	-			X			
Brief resolved unexplained event	1	-	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	7	-	X	X	X			
Bronchiectasis	34	-	X		X		X	
Bronchitis	72	-	X	X	X	X	X	
Bronchitis bacterial	4	-	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	7	-	X		X			
Bulimia nervosa	1	-			X			
Bullous haemorrhagic dermatosis	1	-	X					
Bundle branch block	7	-	X		X	X	X	
Bundle branch block left	22	-	X	X	X		X	
Bundle branch block right	24	-	X	X	X		X	
Burkitt's lymphoma	-	1	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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		X	
Burning mouth syndrome	26	- X	X	X	X			
Burning sensation	2,064	- X	X	X	X	X	X	
Burning sensation mucosal	6	- X			X			
Burnout syndrome	20	- X			X	X	X	
Burns second degree	7	- X			X		X	
Burns third degree	1	-			X			
Bursa injury	7	- X			X			
Bursa removal	1	- X						
Bursitis	423	- X	X	X	X	X	X	X
Bursitis infective	3	- X						
Butterfly rash	18	- X			X		X	
Cachexia	4	- X			X			
Caesarean section	2	-			X			
Caffeine allergy	1	-			X			
Calcinosis	5	- X			X			
Calculus bladder	1	-			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	
Cancer fatigue	4	- X						
Cancer pain	3	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cancer staging	1	-			X			
Candida infection	173	-	X	X	X		X	
Capillaritis	8	-	X		X	X	X	
Capillary disorder	2	-	X		X			
Capillary fragility	20	-	X		X			
Capillary leak syndrome	22	-	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	1	1	X		X			
Cardiac arrest	298	113	X	X	X	X	X	X
Cardiac asthma	1	-	X					
Cardiac autonomic neuropathy	1	-	X					
Cardiac death	2	12	X	X	X		X	
Cardiac discomfort	74	-	X		X	X	X	
Cardiac disorder	271	6	X	X	X	X	X	X
Cardiac dysfunction	7	-	X		X		X	
Cardiac failure	230	29	X	X	X	X	X	
Cardiac failure acute	20	8	X		X		X	
Cardiac failure chronic	5	1	X		X			
Cardiac failure congestive	10	9	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cardiac fibrillation	12	-	X		X		X	
Cardiac flutter	1,196	-	X	X	X	X	X	
Cardiac infection	4	-	X	X	X			
Cardiac monitoring	3	-	X	X	X			
Cardiac murmur	114	-	X	X	X		X	
Cardiac neoplasm unspecified	1	-			X			
Cardiac operation	2	-	X		X			
Cardiac output	2	-			X			
Cardiac pacemaker insertion	3	-	X					
Cardiac sarcoidosis	1	-	X					
Cardiac septal hypertrophy	-	1	X					
Cardiac tamponade	3	3	X		X			
Cardiac telemetry	1	-	X					
Cardiac valve disease	9	1	X		X			
Cardiac valve vegetation	1	-			X			
Cardiac ventricular scarring	3	-	X		X			
Cardiac ventricular thrombosis	17	2	X		X		X	
Cardiogenic shock	16	4	X		X		X	
Cardiolipin antibody positive	1	-			X			
Cardiomegaly	124	6	X	X	X		X	
Cardiomyopathy	42	3	X		X	X	X	
Cardiomyopathy acute	1	-	X					
Cardiomyopathy neonatal	1	-	X					
Cardiopulmonary failure	2	4	X		X		X	
Cardio-respiratory arrest	2	4	X	X	X			
Cardiospasm	3	1	X		X			
Cardiovascular deconditioning	1	-			X			
Cardiovascular disorder	21	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cardiovascular insufficiency	10	-	X					
Cardiovascular symptom	7	-	X		X			
Carditis	16	-	X		X		X	
Carotid arteriosclerosis	2	-	X		X			
Carotid artery aneurysm	2	-	X					
Carotid artery dissection	3	-	X		X			
Carotid artery occlusion	6	-	X		X			
Carotid artery stenosis	5	-	X					
Carotid artery thrombosis	17	-	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	102	-	X	X	X		X	
Cartilage injury	4	-	X					
Cat scratch disease	1	-			X			
Cataplexy	5	-	X		X			
Cataract	56	-	X		X	X	X	
Cataract cortical	2	-	X					
Cataract subcapsular	4	-	X					
Cataract traumatic	1	-	X					
Catarrh	122	-	X		X	X	X	
Catastrophic reaction	1	1	X					
Catatonica	4	-	X		X			
Catheter management	4	-	X					
Catheter placement	2	-	X					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	914	-	X	X	X	X	X	
Cellulitis orbital	7	-	X		X			
Cellulitis streptococcal	1	-	X					
Central nervous system infection	3	-	X				X	
Central nervous system inflammation	17	-	X				X	
Central nervous system injury	1	-	X					
Central nervous system lesion	18	-	X		X			
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	6	-	X		X			
Cerebellar haemorrhage	8	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	8	-	X		X			
Cerebral arteriosclerosis	2	-	X					
Cerebral arteritis	1	-	X					
Cerebral artery embolism	17	1	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	
Cerebral congestion	12	-	X	X	X		X	
Cerebral cyst	1	-	X					
Cerebral disorder	13	-	X		X			
Cerebral haematoma	16	1	X		X			
Cerebral haemorrhage	224	82	X	X	X	X	X	
Cerebral infarction	134	10	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	6	-	X		X			
Cerebral revascularisation	1	-	X					
Cerebral small vessel ischaemic disease	9	-	X		X		X	
Cerebral thrombosis	58	6	X		X			
Cerebral vascular occlusion	2	1	X					
Cerebral vasoconstriction	3	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cerebral venous sinus thrombosis	281	33	X	X	X	X	X	
Cerebral venous thrombosis	57	6	X		X		X	
Cerebral ventricle dilatation	2	-			X			
Cerebrospinal fluid circulation disorder	6	-	X					
Cerebrospinal fluid leakage	3	-	X		X			
Cerebrovascular accident	2,047	86	X	X	X	X	X	X
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	11	-	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	9	-	X		X			
Change in sustained attention	1	-	X					
Change of bowel habit	50	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Chapped lips	59	- X			X		X	
Charles Bonnet syndrome	3	- X			X			
Cheilitis	85	- X	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						
Chemotherapy toxicity attenuation	1	- X						
Chest crushing	37	- X			X		X	
Chest discomfort	5,163	- X	X	X	X	X	X	
Chest injury	2	- X						
Chest pain	17,642	- X	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	1	-			X			
Chest X-ray normal	2	-			X			
Cheyne-Stokes respiration	2	- X						
Child maltreatment syndrome	1	- X						
Childhood	1	- X						
Childhood asthma	2	-					X	
Childhood depression	1	- X						
Chillblains	186	- X			X	X	X	
Chills	64,013	- X	X	X	X	X	X	X
Chlamydial infection	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Chloasma	4	-	X		X			
Chloropsia	4	-	X		X			
Choking	58	-	X		X		X	
Choking sensation	23	-	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	5	-			X	X		
Cholelithiasis	35	-	X		X		X	
Cholelithotomy	1	-	X					
Cholestasis	10	-	X		X		X	
Cholestasis of pregnancy	2	-	X		X			
Cholestatic liver injury	1	-	X					
Cholesterol granuloma	1	-	X					
Chondritis	3	-	X		X		X	
Chondrocalcinosis	8	-	X		X			
Chondrodermatitis nodularis chronica helioides	1	-			X			
Chondromalacia	1	-			X			
Chondropathy	3	-	X		X			
Chondrosarcoma	1	-			X			
Chorea	8	-	X		X		X	
Choreoathetosis	1	-	X					
Chorioretinal disorder	1	-			X			
Chorioretinitis	1	-					X	
Chorioretinopathy	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Choroidal haemorrhage	1	-			X			
Choroidal neovascularisation	1	-			X			
Choroiditis	1	-			X			
Chromatopsia	2	-	X		X			
Chromaturia	225	-	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	302	-	X	X	X		X	
Chronic gastritis	9	-	X		X			
Chronic inflammatory demyelinating polyradiculoneuropathy	20	-	X		X		X	
Chronic inflammatory response syndrome	1	-			X			
Chronic kidney disease	27	1	X		X		X	
Chronic leukaemia	1	-			X			
Chronic lymphocytic leukaemia	11	-	X		X	X	X	
Chronic myeloid leukaemia	3	-	X		X			
Chronic obstructive pulmonary disease	90	8	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	27	-	X	X	X		X	
Chronic spontaneous urticaria	36	-	X	X	X	X	X	
Chronic tonsillitis	2	-	X	X				
Circadian rhythm sleep disorder	8	-	X		X			
Circulatory collapse	270	2	X	X	X	X	X	
Circumoral oedema	3	-	X		X			
Circumoral swelling	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Circumstance or information capable of leading to medication error	24	-	X		X		X	
Cirrhosis alcoholic	2	-	X		X			
Clamping of blood vessel	1	-	X					
Claudication of jaw muscles	2	-	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	1	1	X		X			
Clubbing	1	-	X					
Clumsiness	87	-	X		X		X	
Cluster headache	1,191	-	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					
Coagulation time	10	-	X					
Coagulation time prolonged	23	-	X		X			
Coagulation time shortened	10	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Coagulopathy	133	1	X	X	X		X	
Coarctation of the aorta	1	-	X					
Coating in mouth	7	-	X		X		X	
Coccydynia	14	-	X		X		X	
Coeliac artery occlusion	1	-	X					
Coeliac disease	47	-	X	X	X		X	
Cognitive disorder	411	-	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 exposure injury	1	-			X			
Cold shock response	3	-			X	X	X	
Cold sweat	3,073	-	X	X	X	X	X	
Cold type haemolytic anaemia	3	-	X		X			
Cold urticaria	27	-	X		X		X	
Cold-stimulus headache	150	-	X	X	X	X	X	
Colectomy	2	-	X					
Colitis	144	1	X		X	X	X	
Colitis ischaemic	10	1	X		X		X	
Colitis microscopic	10	-	X		X			
Colitis ulcerative	241	-	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			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Colour blindness	14	- X			X		X	
Colour blindness acquired	2	-			X			
Coma	54	- X	X	X	X	X		
Coma scale abnormal	26	- X			X		X	
Combined immunodeficiency	2	- X			X			
Combined pulmonary fibrosis and emphysema	1	-			X			
Communication disorder	22	- X			X			
Compartment syndrome	7	- X			X			
Completed suicide	-	7 X			X			
Complex regional pain syndrome	24	- X			X		X	
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	X				
Compulsive cheek biting	1	- X						
Compulsive shopping	2	- X						
Computerised tomogram	11	- X			X			
Computerised tomogram abdomen	5	- X			X			
Computerised tomogram head	44	- X	X	X	X	X	X	
Computerised tomogram liver	1	-			X			
Computerised tomogram normal	1	- X						
Computerised tomogram thorax	6	- X			X			
Concomitant disease progression	-	1			X			
Concussion	23	- X			X		X	
Condition aggravated	859	- X	X	X	X	X	X	X
Condom	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Conductive deafness	2	-	X		X			
Confabulation	1	-	X					
Confusional arousal	4	-	X		X			
Confusional state	3,996	-	X	X	X	X	X	
Congenital anomaly	7	-	X		X			
Congenital arterial malformation	1	-					X	
Congenital cystic kidney disease	2	-	X		X			
Congenital diaphragmatic hernia	3	-	X		X			
Congenital eye disorder	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 arthrogryposis	1	-	X					
Congenital musculoskeletal disorder of limbs	1	-			X			
Congenital pulmonary airway malformation	1	-			X			
Congestive cardiomyopathy	29	1	X		X		X	
Congestive hepatopathy	2	-			X			
Conjunctival bleb	1	-	X					
Conjunctival disorder	1	-	X					
Conjunctival haemorrhage	219	-	X	X	X	X	X	
Conjunctival hyperaemia	4	-	X		X			
Conjunctival irritation	1	-			X			
Conjunctival oedema	3	-			X			
Conjunctival ulcer	1	-			X			
Conjunctivitis	204	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Conjunctivitis allergic	4	-	X		X			
Conjunctivitis bacterial	1	-			X			
Conjunctivitis viral	7	-	X	X	X		X	
Connective tissue disorder	11	-	X		X			
Connective tissue inflammation	6	-	X	X	X			
Consciousness fluctuating	9	-	X		X		X	
Constipation	909	-	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					
Contrast media reaction	6	-	X		X			
Contusion	5,890	-	X	X	X	X	X	
Convalescent	1	-	X					
Conversion disorder	105	-	X	X	X		X	
Convulsions local	2	-			X			
Convulsive threshold lowered	2	-	X		X			
Coombs negative haemolytic anaemia	1	-			X			
Coordination abnormal	253	-	X	X	X	X	X	
Copper deficiency	3	-	X		X		X	
Cor pulmonale	1	-			X			
Corneal abrasion	1	-			X			
Corneal defect	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	2	-	X					
Coronary artery disease	27	3	X	X	X		X	
Coronary artery dissection	8	1	X	X	X			
Coronary artery embolism	1	-	X					
Coronary artery occlusion	10	2	X		X	X	X	
Coronary artery stenosis	2	-	X				X	
Coronary artery thrombosis	33	6	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	291	1	X	X	X	X	X	
Costovertebral angle tenderness	2	-	X		X			
Cough	8,969	1	X	X	X	X	X	X
Cough decreased	3	-			X	X		
Cough variant asthma	18	-	X		X		X	
COVID-19	7,191	75	X	X	X	X	X	X
COVID-19 immunisation	389	-	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
COVID-19 pneumonia	108	31	X		X		X	
COVID-19 prophylaxis	1	-			X			
COVID-19 treatment	12	-	X		X			
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 paralysis	2	-	X		X			
Craniocerebral injury	3	-	X		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	95	-	X		X	X	X	
Crepitations	16	-	X		X		X	
Creutzfeldt-Jakob disease	3	-	X					
Crohn's disease	187	-	X		X		X	
Croup infectious	2	-	X		X			
Crush injury	1	-			X			
Crying	546	-	X	X	X	X	X	
Cryptorchism	1	-			X			
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					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	
Culture negative	1	-			X			
Culture urine	1	-			X			
Cushingoid	6	- X			X			
Cushing's syndrome	2	- X						
Cutaneous lupus erythematosus	3	- X			X		X	
Cutaneous lymphoma	1	- X						
Cutaneous sarcoidosis	2	- X			X			
Cutaneous symptom	25	- X	X	X	X		X	
Cutaneous vasculitis	39	- X	X	X	X	X	X	
Cyanopsia	11	- X			X		X	
Cyanosis	217	- X			X	X	X	
Cyanosis central	1	-			X			
Cyclic vomiting syndrome	3	- X			X			
Cyst	118	- X	X	X	X	X	X	
Cyst rupture	2	- X						
Cystic fibrosis	3	- X			X			
Cystic lung disease	1	- X						
Cystic lymphangioma	3	-			X			
Cystitis	223	- X	X	X	X	X	X	
Cystitis haemorrhagic	2	- X			X			
Cystitis interstitial	21	- X			X		X	
Cystitis klebsiella	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Cystitis noninfective	4	-	X		X			
Cystitis-like symptom	1	-			X			
Cystocele	1	-	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	8	-	X		X			
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	7	-	X		X	X		
Dairy intolerance	10	-	X		X			
Dandruff	9	-	X		X			
Dark circles under eyes	22	-	X		X			
Daydreaming	28	-	X		X		X	
Deafness	884	1	X	X	X	X	X	
Deafness bilateral	36	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Deafness neurosensory	80	-	X	X	X		X	
Deafness transitory	16	-	X		X		X	
Deafness traumatic	3	-	X		X	X		
Deafness unilateral	123	-	X	X	X		X	
Death	1	632	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	28	-	X		X		X	
Decreased appetite	8,853	-	X	X	X	X	X	
Decreased eye contact	4	-	X			X		
Decreased gait velocity	3	-	X					
Decreased immune responsiveness	8	-	X		X			
Decreased interest	38	-	X		X	X	X	
Decreased vibratory sense	1	-	X					
Decubitus ulcer	13	-	X		X		X	
Deep vein thrombosis	2,105	13	X	X	X	X	X	
Deep vein thrombosis postoperative	1	-	X					
Defaecation urgency	32	-	X		X		X	
Deficiency anaemia	3	-	X		X			
Deformity	3	-	X		X			
Deformity thorax	1	-			X			
Degenerative bone disease	1	-			X			
Dehydration	1,085	-	X	X	X	X	X	
Deja vu	9	-	X		X		X	
Delayed dark adaptation	1	-	X					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Delayed menarche	9	-	X		X		X	
Delayed recovery from anaesthesia	9	-	X		X			
Delayed sleep phase	2	-	X				X	
Delirium	795	-	X	X	X	X	X	
Delirium febrile	4	-	X		X			
Delivery	1	-	X					
Delusion	84	-	X	X	X	X	X	
Delusion of parasitosis	4	-	X				X	
Delusional perception	2	-	X					
Dementia	72	-	X	X	X	X	X	
Dementia Alzheimer's type	4	2	X		X			
Dementia with Lewy bodies	5	-	X		X			
Demodicidosis	1	-			X			
Demyelinating polyneuropathy	15	-	X		X		X	
Demyelination	47	1	X		X		X	
Dengue fever	3	-	X				X	
Dental care	1	-	X					
Dental caries	11	-	X		X		X	
Dental discomfort	24	-	X	X	X	X	X	
Dental paraesthesia	40	-	X	X	X	X	X	
Dental pulp disorder	3	-	X				X	
Dependence	3	-	X		X			
Dependence on oxygen therapy	1	-	X					
Depersonalisation/derealisation disorder	42	-	X	X	X	X	X	
Deposit eye	1	-	X					
Depressed level of consciousness	182	-	X		X	X	X	
Depressed mood	1,367	-	X	X	X	X	X	
Depression	1,389	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Depression suicidal	42	-	X		X		X	
Depressive symptom	4	-	X		X			
Derealisation	37	-	X	X	X		X	
Dermal cyst	60	-	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	453	-	X	X	X	X	X	
Dermatitis acneiform	28	-	X		X	X	X	
Dermatitis allergic	802	-	X	X	X	X	X	
Dermatitis atopic	153	-	X	X	X	X	X	
Dermatitis bullous	49	-	X		X	X	X	
Dermatitis contact	84	-	X		X		X	
Dermatitis diaper	7	-	X		X			
Dermatitis exfoliative	4	-	X		X			
Dermatitis exfoliative generalised	18	1	X		X		X	
Dermatitis herpetiformis	2	-	X					
Dermatitis infected	15	-	X		X		X	
Dermatitis psoriasiform	9	-	X		X			
Dermatochalasis	2	-	X		X			
Dermatologic examination abnormal	1	-	X					
Dermatomyositis	27	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Developmental hip dysplasia	1	-			X			
Device breakage	1	-			X			
Device connection issue	1	-			X			
Device defective	9	-			X			
Device delivery system issue	1	-			X			
Device dislocation	2	- X						
Device electrical impedance issue	1	- X						
Device expulsion	5	- X			X		X	
Device failure	1	-			X			
Device infusion issue	1	-			X			
Device interaction	5	-						
Device issue	7	- X			X			
Device kink	1	-			X			
Device leakage	3	- X					X	
Device malfunction	1	-			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	9	- X						
Diabetes mellitus	215	- X		X	X	X	X	
Diabetes mellitus inadequate control	52	1 X			X		X	
Diabetic coma	5	- X			X	X		
Diabetic complication	3	- X			X			
Diabetic foot	2	- X						
Diabetic ketoacidosis	55	2 X			X		X	
Diabetic ketosis	6	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Diabetic mononeuropathy	1	-	X					
Diabetic nephropathy	1	-	X					
Diabetic neuropathy	4	-	X		X			
Diabetic retinal oedema	1	-			X			
Diabetic retinopathy	4	-	X		X			
Diabetic ulcer	1	-	X					
Dialysis	3	-	X		X			
Diaphragm muscle weakness	3	-		X	X		X	
Diaphragmalgia	31	-	X		X	X	X	
Diaphragmatic disorder	1	-			X			
Diaphragmatic paralysis	2	-	X		X			
Diaphragmatic spasm	2	-	X					
Diarrhoea	18,920	-	X	X	X	X	X	X
Diarrhoea haemorrhagic	75	-	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	12	-	X		X		X	
Diffuse idiopathic skeletal hyperostosis	1	-			X			
Diffuse large B-cell lymphoma	1	-	X					
Diffuse large B-cell lymphoma stage IV	1	-	X					
Diffuse vasculitis	2	1	X		X			
Dihydrotestosterone decreased	1	-	X					
Dilatation ventricular	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Diphtheria	5	- X			X			
Diplacusis	2	-			X			
Diplegia	77	- X	X	X	X		X	
Diplopia	665	- X	X	X	X	X	X	
Disability	21	- X			X		X	
Discharge	27	- X			X		X	
Discogram abnormal	1	- X						
Discoloured vomit	35	- X			X	X	X	
Discomfort	1,440	- X	X	X	X		X	
Disease prodromal stage	1	- X						
Disease progression	4	1 X			X			
Disease recurrence	38	- X			X			
Disinhibition	6	- X			X		X	
Disorganised speech	35	- X			X	X	X	
Disorientation	1,296	- X	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	143	- X	X	X	X		X	
Dissociative amnesia	6	- X			X			
Dissociative disorder	5	- X			X			
Distractibility	8	- X			X		X	
Distributive shock	3	- X			X			
Disturbance in attention	1,367	- X	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						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Diverticulitis	74	-	X	X	X	X	X	
Diverticulum	24	-	X	X	X		X	
Diverticulum intestinal	2	-	X		X			
Dizziness	43,376	-	X	X	X	X	X	X
Dizziness exertional	188	-	X	X	X	X	X	
Dizziness postural	3,454	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	1	-	X					
Dreamy state	27	-	X		X			
Drop attacks	7	-	X		X		X	
Drooping shoulder syndrome	3	-			X			
Drug abuse	2	-	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	82	-	X	X	X		X	
Drug exposure before pregnancy	1	-	X					
Drug hypersensitivity	148	-	X	X	X		X	
Drug ineffective	1,115	1	X	X	X	X	X	
Drug interaction	84	-	X		X	X	X	
Drug intolerance	15	-	X		X		X	
Drug level decreased	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	-						
Drug withdrawal convulsions	2	-	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	3	-	X		X			
Dry eye	624	-	X	X	X	X	X	
Dry gangrene	2	-	X					
Dry lung syndrome	1	-			X			
Dry mouth	1,913	-	X	X	X	X	X	
Dry skin	974	-	X	X	X	X	X	
Dry throat	494	-	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	9	-	X		X		X	
Dural arteriovenous fistula	1	-	X					
Dust allergy	5	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dwarfism	1	- X						
Dysacusis	2	- X			X			
Dysaesthesia	28	- X			X		X	
Dysarthria	837	- X	X	X	X	X	X	X
Dyschezia	19	- X			X			
Dyschromatopsia	39	- X			X		X	
Dysdiadochokinesis	2	- X			X			
Dysentery	7	- X			X		X	
Dysgeusia	3,760	- X	X	X	X	X	X	
Dysgraphia	15	- X			X		X	
Dyshidrotic eczema	76	- X			X		X	
Dyskinesia	256	1 X			X	X	X	
Dyslexia	4	- X			X			
Dysmenorrhoea	5,801	- X	X	X	X	X	X	
Dysmetria	1	-				X		
Dysmetropsia	2	- X			X			
Dysmorphism	3	- X					X	
Dyspareunia	14	- X			X			
Dyspepsia	1,822	- X	X	X	X	X	X	X
Dysphagia	650	1 X	X	X	X	X	X	X
Dysphemia	77	- X			X		X	
Dysphonia	448	- X	X	X	X	X	X	
Dysphoria	5	- X			X			
Dysplasia	3	- X						
Dyspnoea	20,052	6 X	X	X	X	X	X	X
Dyspnoea at rest	28	- X			X		X	
Dyspnoea exertional	139	1 X			X	X	X	
Dyspnoea paroxysmal nocturnal	1	- X						



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Dyspraxia	12	-	X		X		X	
Dyssomnia	6	-	X		X			
Dysstasia	262	-	X	X	X	X	X	X
Dystonia	46	-	X		X		X	
Dystonic tremor	4	-	X					
Dysuria	175	-	X		X	X	X	
Ear canal erythema	3	-	X		X		X	
Ear canal injury	2	-	X				X	
Ear canal stenosis	1	-					X	
Ear congestion	83	-	X		X		X	
Ear discomfort	270	-	X	X	X	X	X	
Ear disorder	59	-	X	X	X		X	
Ear haemorrhage	36	-	X	X	X			
Ear infection	280	-	X	X	X	X	X	
Ear infection bacterial	3	-	X		X			
Ear infection fungal	2	-	X					
Ear infection viral	3	-	X		X			
Ear inflammation	9	-	X	X	X		X	
Ear injury	2	-			X			
Ear irrigation	1	-			X			
Ear pain	3,938	-	X	X	X	X	X	
Ear pruritus	19	-	X		X			
Ear swelling	134	-	X		X	X	X	
Ear, nose and throat disorder	2	-	X				X	
Early satiety	2	-	X					
Eating disorder	41	-	X		X		X	
Eating disorder symptom	6	-	X		X		X	
Ecchymosis	7	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Echocardiogram	5	- X			X			
Ectopic pregnancy	28	- X			X		X	
Ectropion	2	- X			X			
Ectropion of cervix	8	- X			X		X	
Eczema	1,096	- X	X	X	X	X	X	X
Eczema asteatotic	42	- X			X		X	
Eczema eyelids	21	- X			X			
Eczema herpeticum	9	- X			X		X	
Eczema impetiginous	1	-					X	
Eczema infantile	1	-			X			
Eczema infected	8	- X			X		X	
Eczema nummular	18	- X			X	X	X	
Eczema vesicular	1	-			X			
Eczema weeping	16	- 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	12	- X			X		X	
Elastofibroma	2	-					X	
Elbow deformity	2	- X			X			
Electric shock	72	- X	X	X	X		X	
Electric shock sensation	211	- X	X	X	X	X	X	
Electrocardiogram	16	- X			X	X	X	
Electrocardiogram abnormal	55	- X			X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Electrocardiogram change	4	-	X		X		X	
Electrocardiogram normal	4	-	X		X			
Electrocardiogram P wave abnormal	2	-	X				X	
Electrocardiogram pacemaker spike	1	-	X					
Electrocardiogram QRS complex prolonged	1	-			X			
Electrocardiogram QT prolonged	22	-	X	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	6	-	X		X			
Electromagnetic interference	2	-	X		X			
Electromyogram abnormal	4	-	X				X	
Embolic cerebral infarction	1	-	X					
Embolic stroke	29	1	X		X			
Embolism	333	2	X		X	X	X	
Embolism arterial	6	-	X		X			
Embolism venous	23	2	X		X		X	
Emergency care examination	1	-	X					
Emotional disorder	212	-	X	X	X	X	X	
Emotional disorder of childhood	1	-	X					
Emotional distress	187	-	X		X	X	X	
Emotional poverty	5	-	X		X		X	
Emphysema	16	-	X	X	X		X	
Empty sella syndrome	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Empyema	1	1 X					X	
Enanthema	1	-					X	
Encephalitis	85	1 X			X		X	
Encephalitis allergic	1	-					X	
Encephalitis autoimmune	7	- X			X		X	
Encephalitis cytomegalovirus	1	- X						
Encephalitis Japanese B	1	-					X	
Encephalitis post immunisation	1	-				X		
Encephalitis viral	14	1 X			X			
Encephalomalacia	1	- X						
Encephalomyelitis	5	- X			X			
Encephalopathy	21	- X			X			
End stage renal disease	5	- X			X			
Endocardial fibroelastosis	-	2 X						
Endocarditis	18	- X			X		X	
Endocarditis bacterial	2	- X						
Endocarditis noninfective	-	1			X			
Endocrine disorder	2	- X			X			
Endocrine ophthalmopathy	9	- 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	226	- X	X	X	X		X	
Endometritis	6	- X			X			
Endothelial dysfunction	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Energy increased	54	-	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			
Eosinophil count	2	-	X		X			
Eosinophil count abnormal	2	-	X					
Eosinophil count decreased	2	-	X		X			
Eosinophil count increased	10	-	X		X			
Eosinophilia	38	-	X		X		X	
Eosinophilic colitis	1	-			X			
Eosinophilic fasciitis	1	-	X					
Eosinophilic granulomatosis with polyangiitis	2	-	X					
Eosinophilic myocarditis	1	-			X			
Eosinophilic oesophagitis	5	-	X		X			
Eosinophilic pneumonia	4	1	X		X		X	
Ephelides	4	-	X		X		X	
Epicondylitis	65	-	X	X	X		X	
Epididymal cyst	1	-	X					
Epididymitis	24	-	X		X	X	X	
Epidural haemorrhage	2	-	X					
Epigastric discomfort	42	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Epiglottic oedema	2	-	X		X			
Epiglottitis	4	-	X		X			
Epilepsy	635	1	X	X	X	X	X	
Epilepsy with myoclonic-atonic seizures	1	-	X					
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			
Epretil membrane	3	-	X		X			
Episcleritis	39	-	X		X	X	X	
Epistaxis	4,311	-	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	6	-	X		X			
Epulis	1	-	X					
Erectile dysfunction	216	-	X	X	X		X	
Erection increased	14	-	X		X		X	
Eructation	216	-	X	X	X	X	X	
Erysipelas	1	-	X					
Erythema	7,689	-	X	X	X	X	X	
Erythema ab igne	1	-	X					
Erythema annulare	4	-	X		X			
Erythema induratum	1	-	X					
Erythema infectiosum	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Erythema migrans	2	-	X					
Erythema multiforme	124	-	X	X	X	X	X	
Erythema nodosum	90	-	X		X	X	X	
Erythema of eyelid	25	-	X	X	X	X	X	
Erythematotelangiectatic rosacea	5	-	X		X	X		
Erythrodermic psoriasis	4	-	X					
Erythromelalgia	19	-	X	X	X	X	X	
Erythroptosis	9	-	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	25	-	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			
Eustachian tube obstruction	20	-	X		X		X	
Euthyroid sick syndrome	1	-	X					
Evans syndrome	2	-	X		X			
Exaggerated startle response	5	-	X				X	
Excessive cerumen production	60	-	X	X	X		X	
Excessive eye blinking	17	-	X		X			
Excessive masturbation	1	-	X					
Executive dysfunction	1	-			X			
Exercise adequate	2	-			X			
Exercise electrocardiogram	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Exercise tolerance decreased	126	-	X	X	X	X	X	
Exercise tolerance increased	2	-			X			
Exertional headache	22	-	X		X			
Exfoliative rash	51	-	X		X		X	
Exhibitionism	1	-					X	
Exophthalmos	15	-	X		X		X	
Exostosis	5	-	X		X		X	
Expired product administered	135	-	X		X	X	X	
Exploding head syndrome	11	-	X		X		X	
Exposure during pregnancy	32	-	X		X			
Exposure to chemical pollution	1	-	X					
Exposure to extreme temperature	7	-	X		X	X	X	
Exposure to household chemicals	1	-	X					
Exposure to noise	2	-	X					
Exposure to SARS-CoV-2	14	-	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	298	-	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	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ex-tobacco user	1	-			X			
Extra dose administered	102	-	X				X	
Extradural abscess	2	-	X		X			
Extradural haematoma	2	-	X					
Extraocular muscle disorder	1	-			X			
Extrapyramidal disorder	23	-	X		X		X	
Extraskkeletal ossification	1	-	X					
Extrasystoles	530	-	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	82	-	X	X	X	X	X	
Eye degenerative disorder	1	-			X			
Eye discharge	75	-	X		X	X	X	
Eye disorder	111	-	X		X		X	
Eye haematoma	10	-	X		X		X	
Eye haemorrhage	177	-	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	95	-	X		X		X	
Eye injury	107	-	X	X	X	X	X	
Eye irrigation	5	-	X				X	
Eye irritation	352	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Eye movement disorder	120	-	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	5,460	-	X	X	X	X	X	
Eye paraesthesia	7	-	X		X			
Eye pruritus	673	-	X	X	X	X	X	
Eye swelling	1,539	-	X	X	X	X	X	
Eye symptom	22	-	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	29	-	X		X		X	
Eyelid disorder	39	-	X		X		X	
Eyelid exfoliation	6	-	X		X			
Eyelid function disorder	4	-	X		X			
Eyelid haematoma	3	-	X					
Eyelid infection	9	-	X		X		X	
Eyelid irritation	11	-	X		X		X	
Eyelid margin crusting	8	-	X		X			
Eyelid myokymia	8	-	X		X			
Eyelid oedema	34	-	X		X	X	X	
Eyelid pain	38	-	X		X			
Eyelid ptosis	133	-	X		X	X	X	
Eyelid rash	38	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Eyelid sensory disorder	8	-	X		X			
Eyelid skin dryness	8	-	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	3	-	X		X			
Face lift	4	-	X		X			
Face oedema	94	-	X	X	X		X	
Face presentation	1	-	X					
Facial asymmetry	6	-	X		X		X	
Facial bones fracture	1	-			X			
Facial discomfort	52	-	X	X	X	X	X	
Facial nerve disorder	21	-	X		X		X	
Facial pain	633	-	X	X	X	X	X	
Facial paralysis	1,006	-	X	X	X	X	X	
Facial paresis	310	-	X		X	X	X	
Facial spasm	124	-	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	4	-	X	X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Faecaloma	13	-	X		X			
Faeces discoloured	139	-	X		X	X	X	
Faeces hard	9	-	X		X		X	
Faeces pale	14	-	X		X			
Faeces soft	38	-	X		X		X	
Failed in vitro fertilisation	1	-			X			
Fall	685	-	X	X	X	X	X	
Fallopian tube abscess	2	-	X		X			
Fallopian tube operation	1	-	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	93,646	2	X	X	X	X	X	X
Fatigue management	2	-	X		X			
Fear	130	-	X	X	X	X	X	
Fear of death	25	-	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	3	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Febrile convulsion	122	-	X	X	X		X	
Febrile neutropenia	1	-	X					
Feeding disorder	424	-	X	X	X	X	X	
Feeding tube user	1	-			X			
Feeling abnormal	6,266	-	X	X	X	X	X	X
Feeling cold	7,519	-	X	X	X	X	X	
Feeling drunk	243	-	X	X	X	X	X	
Feeling guilty	3	-	X		X			
Feeling hot	4,353	-	X	X	X	X	X	
Feeling jittery	104	-	X	X	X		X	
Feeling of body temperature change	1,541	-	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 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			
Femoral pulse	1	-	X					
Femoroacetabular impingement	2	-	X					
Femur fracture	3	-	X		X			
Fetishism	2	-	X					
Fibrin D dimer	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Fibrin D dimer decreased	1	-	X					
Fibrin D dimer increased	105	-	X		X	X	X	
Fibrin degradation products increased	1	-					X	
Fibroadenoma of breast	4	-	X		X		X	
Fibrocystic breast disease	2	-			X		X	
Fibroma	1	-	X					
Fibromyalgia	546	-	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	43	-	X		X	X	X	
Finger deformity	12	-	X	X	X	X	X	
Fingerprint loss	1	-			X			
First bite syndrome	2	-			X	X		
Fistula	4	-	X		X			
Fistula discharge	2	-			X			
Fixed eruption	17	-	X	X	X		X	
Flagellate dermatitis	1	-					X	
Flank pain	207	-	X		X		X	
Flashback	7	-	X		X			
Flat affect	30	-	X	X	X		X	
Flatulence	715	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Fluid intake reduced	15	- X			X	X	X	
Fluid replacement	1	- X						
Fluid retention	201	- X	X	X			X	
Flushing	1,391	- X	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	2			X			
Foetal distress syndrome	3	-			X			
Foetal exposure during pregnancy	133	- X	X	X	X	X	X	
Foetal exposure timing unspecified	1	-			X			
Foetal growth restriction	9	1			X		X	
Foetal heart rate	1	- X						
Foetal heart rate abnormal	4	2 X			X			
Foetal heart rate decreased	1	-					X	
Foetal heart rate increased	2	-			X		X	
Foetal hypokinesia	18	-			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	28	- X			X		X	
Follicular lymphoma	6	- X			X			
Folliculitis	37	- X			X		X	
Fontanelle bulging	6	- X			X			
Food allergy	130	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Food aversion	80	- X	X	X	X		X	
Food contamination	1	- X						
Food craving	42	- X			X		X	
Food interaction	2	- X						
Food intolerance	68	- X	X	X	X		X	
Food poisoning	22	- X			X		X	
Food protein-induced enterocolitis syndrome	1	-			X			
Food refusal	68	- X	X	X	X	X	X	
Foot amputation	2	- X						
Foot deformity	14	- X			X	X	X	
Foot fracture	3	- 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						
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	66	- X	X	X	X		X	
Foreskin oedema	1	-			X			
Formication	161	- X	X	X	X	X	X	
Fractional exhaled nitric oxide normal	2	- X			X			
Fracture	5	- X			X			
Fracture blisters	1	-			X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Fractured skull depressed	1	-			X			
Freezing phenomenon	196	-	X		X		X	
Frequent bowel movements	103	-	X	X	X	X	X	
Frontotemporal dementia	1	-	X					
Frostbite	2	-	X		X			
Frustration tolerance decreased	27	-	X	X	X	X	X	
Full blood count	32	-	X	X	X			
Full blood count abnormal	22	-	X		X		X	
Full blood count decreased	3	-	X					
Full blood count increased	1	-	X					
Full blood count normal	1	-	X					
Fulminant type 1 diabetes mellitus	2	-	X		X			
Functional gastrointestinal disorder	42	-	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	141	1	X		X	X	X	
Gait deviation	1	-			X			
Gait disturbance	989	-	X	X	X	X	X	X
Gait inability	472	-	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					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gallbladder polyp	1	-	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	28	-	X		X		X	
Gastric disorder	35	-	X		X		X	
Gastric haemorrhage	21	2	X		X	X		
Gastric infection	3	-	X		X			
Gastric operation	1	-			X			
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	228	-	X	X	X		X	X
Gastritis erosive	1	-					X	
Gastritis viral	1	-	X					
Gastroenteritis	96	-	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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gastroenteritis viral	120	-	X	X	X	X	X	
Gastrointestinal bacterial overgrowth	1	-			X			
Gastrointestinal carcinoma	14	1	X	X	X		X	
Gastrointestinal disorder	97	-	X		X		X	
Gastrointestinal haemorrhage	68	4	X		X		X	
Gastrointestinal hypermotility	1	-			X			
Gastrointestinal infection	7	-	X		X			
Gastrointestinal inflammation	13	-	X		X		X	
Gastrointestinal malformation	1	-	X					
Gastrointestinal motility disorder	15	-	X		X		X	
Gastrointestinal necrosis	2	-	X					
Gastrointestinal oedema	2	-	X					
Gastrointestinal pain	604	-	X	X	X	X	X	
Gastrointestinal perforation	1	-	X					
Gastrointestinal sounds abnormal	51	-	X		X	X	X	
Gastrointestinal stoma complication	5	-	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	567	-	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	69	5	X		X		X	
General symptom	15	-	X		X			
Generalised anxiety disorder	8	-	X		X			
Generalised oedema	8	-	X		X			
Generalised tonic-clonic seizure	229	-	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	226	-	X	X	X	X	X	
Genital herpes simplex	7	-	X		X			
Genital herpes zoster	2	-	X		X			
Genital hyperaesthesia	1	-	X					
Genital hypoaesthesia	4	-	X		X			
Genital infection female	1	-	X					
Genital lesion	4	-	X		X			
Genital odour	1	-					X	
Genital pain	16	-	X		X		X	
Genital paraesthesia	7	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Genital rash	14	- X			X		X	
Genital swelling	8	- X			X			
Genital tract inflammation	3	- X			X			
Genital ulceration	24	- 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	120	- X	X	X	X	X	X	
Gingival abscess	13	- X			X			
Gingival atrophy	2	- X			X			
Gingival bleeding	293	- X			X		X	
Gingival blister	41	- X	X	X	X			
Gingival discolouration	1	- X						
Gingival discomfort	18	- X			X		X	
Gingival disorder	27	- X	X	X	X		X	
Gingival erythema	2	-			X			
Gingival hypertrophy	2	- X			X			
Gingival injury	1	-			X			
Gingival oedema	4	- X			X			
Gingival pain	424	- X	X	X	X	X	X	
Gingival pruritus	3	- X			X			
Gingival recession	4	- X			X			
Gingival swelling	117	- X	X	X	X		X	
Gingival ulceration	13	- X			X			
Gingivitis	52	- X	X	X	X		X	
Gingivitis ulcerative	3	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Glare	2	-		X	X			
Glassy eyes	17	-	X		X		X	
Glaucoma	31	-	X		X			
Glioblastoma	4	1	X					
Glioblastoma multiforme	1	-	X					
Gliososis	3	-			X			
Glomerular filtration rate abnormal	1	-					X	
Glomerular filtration rate decreased	12	-	X		X			
Glomerular filtration rate increased	1	-			X			
Glomerulonephritis	1	-	X					
Glomerulonephritis acute	1	-					X	
Glomerulonephritis membranoproliferative	1	-	X					
Glomerulonephritis membranous	4	-	X		X		X	
Glomerulonephritis minimal lesion	16	-	X		X			
Glomerulonephritis rapidly progressive	2	-			X			
Glomerulosclerosis	1	-			X			
Glossitis	53	-	X		X	X	X	
Glossodynia	567	-	X	X	X	X	X	
Glossopharyngeal neuralgia	4	-	X		X		X	
Glucocorticoid deficiency	1	-	X					
Glucose tolerance impaired	9	-	X		X			
Glucose urine	1	-	X					
Glucose urine present	1	-			X			
Gluten free diet	2	-	X					
Gluten sensitivity	15	-	X		X		X	
Glycopenia	1	-			X			
Glycosuria	1	-	X					
Glycosylated haemoglobin increased	4	-	X		X	X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Goitre	58	-	X		X		X	
Gonorrhoea	2	-	X		X			
Good syndrome	5	-	X				X	
Goodpasture's syndrome	1	-			X			
Gout	407	-	X	X	X	X	X	
Gouty arthritis	2	-			X			
Gouty tophus	1	-	X					
Graft versus host disease	2	-			X			
Granuloma	5	-	X		X		X	
Granuloma annulare	23	-	X		X		X	
Granuloma skin	1	-	X					
Granulomatosis with polyangiitis	10	1	X		X		X	
Granulomatous rosacea	1	-	X					
Greater trochanteric pain syndrome	13	-	X		X		X	
Grip strength	20	-	X		X		X	
Grip strength decreased	81	-	X	X	X		X	
Groin abscess	4	-	X		X			
Groin infection	3	-	X		X		X	
Groin pain	412	-	X	X	X	X	X	
Growing pains	9	-	X		X			
Growth disorder	2	-			X			
Growth of eyelashes	13	-	X		X			
Growth retardation	1	-					X	
Grunting	4	-	X		X	X		
Guillain-Barre syndrome	707	8	X	X	X	X	X	
Guttate psoriasis	68	-	X		X		X	
Gynaecological disorder prophylaxis	1	-	X					
Gynaecological examination	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Gynaecomastia	20	-	X		X	X		
H1N1 influenza	2	-	X		X			
H2N2 influenza	3	-	X					
Habit cough	70	-	X		X	X	X	
Haemangioma	11	-	X	X	X		X	
Haemangioma of liver	3	-	X		X			
Haemangioma of skin	30	-	X		X		X	
Haemangioma-thrombocytopenia syndrome	1	-	X					
Haemarthrosis	14	-	X		X			
Haematemesis	140	2	X	X	X	X	X	
Haematuria	1	-	X					
Haematochezia	204	-	X	X	X	X	X	
Haematocrit	11	-	X		X			
Haematocrit decreased	3	-	X		X			
Haematocrit increased	4	-	X		X			
Haematological infection	1	-	X					
Haematological malignancy	2	-	X					
Haematology test abnormal	2	-	X					
Haematoma	195	-	X	X	X	X	X	
Haematoma infection	3	-	X		X			
Haematoma muscle	5	-	X		X			
Haemospermia	28	-	X		X		X	
Haematuria	161	-	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					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Haemoglobin decreased	47	-	X	X	X		X	
Haemoglobin E	2	-					X	
Haemoglobin increased	4	-	X		X			
Haemoglobin urine	1	-	X					
Haemolysis	18	-	X		X		X	
Haemolytic anaemia	22	-	X		X		X	
Haemoperitoneum	5	-	X		X			
Haemophagocytic lymphohistiocytosis	23	1	X		X			
Haemophilia	3	-		X	X			
Haemoptysis	249	-	X	X	X	X	X	
Haemorrhage	3,224	4	X	X	X	X	X	
Haemorrhage foetal	1	-	X					
Haemorrhage in pregnancy	5	-	X		X			
Haemorrhage intracranial	65	20	X	X	X		X	
Haemorrhage subcutaneous	44	-	X		X	X	X	
Haemorrhage urinary tract	106	2	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	4	-	X		X		X	
Haemorrhagic ovarian cyst	3	-			X			
Haemorrhagic stroke	54	16	X		X		X	
Haemorrhagic transformation stroke	6	3	X					
Haemorrhagic varicella syndrome	1	-	X					
Haemorrhoidal haemorrhage	5	-	X		X			
Haemorrhoids	126	1	X		X	X	X	
Haemorrhoids thrombosed	16	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Haemosiderin stain	2	-	X		X			
Haemothorax	1	-	X					
Hair colour changes	29	-	X		X	X		
Hair disorder	3	-	X		X			
Hair dye user	3	-	X		X			
Hair growth abnormal	31	-	X		X		X	
Hair growth rate abnormal	1	-			X			
Hair injury	7	-	X		X			
Hair texture abnormal	25	-	X		X		X	
Hallucination	1,600	-	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	107	-	X		X	X	X	
Hallucinations, mixed	16	-	X		X		X	
Halo vision	35	-	X		X	X	X	
Hand deformity	14	-	X		X		X	
Hand dermatitis	16	-	X		X	X	X	
Hand-eye coordination impaired	3	-	X					
Hand-foot-and-mouth disease	1	-					X	
Hanging	1	1	X					
Hangover	319	-	X	X	X	X	X	
Hashimoto's encephalopathy	2	-			X			
Hashitoxicosis	1	-	X					
Head and neck procedural complication	1	-	X					
Head banging	69	-	X		X		X	
Head deformity	3	-	X		X			
Head discomfort	1,361	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Head injury	94	-	X		X	X	X	
Head lag	32	-	X		X		X	
Head titubation	46	-	X		X	X	X	
Headache	130,402	1	X	X	X	X	X	X
Hearing aid user	3	-	X					
Hearing disability	8	-	X	X	X			
Heart alternation	9	-	X		X		X	
Heart disease congenital	38	-	X		X		X	
Heart rate	2,189	-	X	X	X	X	X	X
Heart rate abnormal	197	-	X	X	X	X	X	
Heart rate decreased	293	-	X	X	X	X	X	
Heart rate increased	4,162	-	X	X	X	X	X	X
Heart rate irregular	794	-	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	37	-	X	X	X		X	
Heart sounds abnormal	17	-	X		X		X	
Heart valve incompetence	8	-	X		X			
Heart valve replacement	1	-	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	
Heat stroke	24	-	X		X		X	
Heat therapy	3	-	X					
Heavy menstrual bleeding	13,828	-	X	X	X	X	X	
Heavy metal test	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Helicobacter gastritis	1	-			X			
Helicobacter infection	5	-	X		X		X	
Helminthic infection	1	-			X			
Helplessness	5	-	X		X		X	
Hemianaesthesia	4	-	X		X		X	
Hemianopia	14	-	X		X	X	X	
Hemianopia homonymous	6	-	X		X			
Hemihypoaesthesia	7	-	X		X		X	
Hemiparaesthesia	12	-	X	X	X			
Hemiparesis	224	-	X	X	X	X	X	
Hemiplegia	134	-	X	X	X		X	
Hemiplegic migraine	114	-	X	X	X		X	
Henoch-Schonlein purpura	44	-	X	X	X	X	X	
Heparin-induced thrombocytopenia	17	-	X					
Heparin-induced thrombocytopenia test positive	1	-	X					
Hepatic artery embolism	1	-			X			
Hepatic artery thrombosis	1	-	X					
Hepatic cancer	2	1	X	X	X			
Hepatic cancer recurrent	1	-	X					
Hepatic cirrhosis	15	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	29	-	X		X	X		
Hepatic failure	15	2	X		X			
Hepatic fibrosis	2	-	X					
Hepatic function abnormal	29	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hepatic haemorrhage	3	-	X		X			
Hepatic hypoperfusion	1	-	X					
Hepatic infarction	2	1	X					
Hepatic infection	1	-			X			
Hepatic lesion	1	-			X			
Hepatic necrosis	1	1	X					
Hepatic neoplasm	4	-	X	X	X			
Hepatic pain	144	-	X	X	X	X	X	X
Hepatic steatosis	23	-	X		X		X	
Hepatic vascular thrombosis	2	-	X					
Hepatic vein thrombosis	22	-	X		X			
Hepatitis	59	-	X	X	X		X	
Hepatitis A	3	-			X		X	
Hepatitis acute	12	1	X		X			
Hepatitis B core antibody positive	1	-	X					
Hepatitis B surface antibody positive	1	-	X					
Hepatitis E	2	-	X		X			
Hepatitis fulminant	1	-	X					
Hepatitis toxic	2	-			X			
Hepatitis viral	7	-	X		X			
Hepatoblastoma	1	-	X					
Hepatocellular carcinoma	6	-	X		X			
Hepatomegaly	12	-	X		X			
Hepatorenal syndrome	1	-	X					
Hepatosplenomegaly	1	-			X			
Hepatotoxicity	1	-			X			
HER2 positive breast cancer	1	-			X			
Hereditary angioedema	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	23	-	X		X	X	X	
Herpes pharyngitis	1	-	X					
Herpes simplex	98	-	X		X	X	X	
Herpes simplex encephalitis	-	1			X			
Herpes simplex reactivation	10	-	X		X		X	
Herpes virus infection	34	-	X		X		X	
Herpes virus test	1	-	X					
Herpes zoster	3,791	-	X	X	X	X	X	
Herpes zoster disseminated	2	-	X		X			
Herpes zoster meningoencephalitis	1	-			X			
Herpes zoster oticus	41	-	X		X	X	X	
Herpes zoster reactivation	7	-	X		X			
Heteronymous diplopia	1	-			X			
Heterotaxia	2	-	X		X			
Hiatus hernia	34	-	X	X	X		X	
Hiccups	106	-	X		X	X	X	
Hidradenitis	14	-	X		X		X	
High income	1	-			X			
High-pitched crying	12	-	X		X		X	
Hilar lymphadenopathy	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hip fracture	2	-			X			
Hip surgery	1	-	X					
Hirsutism	2	-			X			
Histamine abnormal	7	-	X		X		X	
Histamine intolerance	15	-	X		X		X	
Histamine level	6	-	X		X			
Histamine level increased	3	-	X		X			
Histiocytic necrotising lymphadenitis	3	-	X		X			
HIV antibody negative	2	-	X					
HIV antibody positive	1	-			X			
HIV infection	5	-	X		X			
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	84	-	X	X	X	X	X	
Hormone level abnormal	179	-	X	X	X		X	
Hormone replacement therapy	9	-	X		X		X	
Hormone therapy	17	-	X		X			
Horner's syndrome	6	-	X		X			
Hospitalisation	61	-	X	X	X	X	X	
Hot flush	4,191	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Housebound	9	-	X		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					
Human papilloma virus test positive	1	-	X					
Humerus fracture	1	-	X					
Humidity intolerance	1	-	X					
Hunger	160	-	X	X	X		X	
Huntington's disease	-	1	X					
Hydrocele	3	-	X					
Hydrocephalus	24	1	X		X		X	
Hydronephrosis	3	-	X		X			
Hydrops foetalis	1	-					X	
Hydrosalpinx	2	-			X			
Hyperactive pharyngeal reflex	1	-			X			
Hyperacusis	295	-	X	X	X	X	X	
Hyperaemia	2	-	X					
Hyperaesthesia	473	-	X	X	X	X	X	
Hyperaesthesia teeth	122	-	X		X	X	X	
Hyperarousal	3	-	X					
Hypercalcaemia	5	-	X		X			
Hypercapnia	1	-	X					
Hypercarotinaemia	1	-			X			
Hypercatabolism	1	-			X			
Hyperchlorhydria	10	-	X		X		X	
Hypercholesterolaemia	3	-	X		X			
Hypercoagulation	38	1	X	X	X		X	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hyperemesis gravidarum	3	-	X		X			
Hypereosinophilic syndrome	1	-	X					
Hyperfibrinogenaemia	1	-	X					
Hypergammaglobulinaemia	1	-			X			
Hypergammaglobulinaemia benign monoclonal	7	-	X		X		X	
Hypergeusia	1	-			X			
Hyperglycaemia	240	-	X	X	X	X	X	
Hyperglycaemic hyperosmolar nonketotic syndrome	2	-	X					
Hyperhidrosis	14,165	-	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	32	-	X		X		X	
Hyperlactacidaemia	2	-	X					
Hyperleukocytosis	1	-						
Hyperlipidaemia	5	-	X		X			
Hypermetropia	7	-	X		X			
Hypermobility syndrome	6	-	X		X		X	
Hypernatraemia	4	-	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	53	-	X	X	X			
Hyperreflexia	15	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypersensitivity	3,415	2	X	X	X	X	X	
Hypersensitivity myocarditis	3	-	X		X		X	
Hypersensitivity pneumonitis	5	-	X		X		X	
Hypersensitivity vasculitis	6	-	X		X		X	
Hypersexuality	3	-	X		X			
Hypersomnia	413	-	X	X	X	X	X	
Hypertelorism	1	-			X			
Hypertension	2,341	1	X	X	X	X	X	X
Hypertensive crisis	35	-	X	X	X			
Hypertensive emergency	2	-	X					
Hypertensive encephalopathy	2	-	X					
Hypertensive heart disease	3	3	X		X	X		
Hypertensive nephropathy	1	-	X					
Hypertensive urgency	7	-	X		X		X	
Hyperthermia	26	-	X		X	X	X	
Hyperthermia malignant	1	-			X			
Hyperthyroidism	151	-	X		X	X	X	
Hypertonia	7	-	X		X			
Hypertonic bladder	32	-	X		X	X	X	
Hypertransaminaemia	18	-	X		X	X	X	
Hypertrichosis	8	-	X		X			
Hypertrophic cardiomyopathy	4	-	X		X			
Hypertrophy	2	-			X			
Hypertrophy of tongue papillae	2	-			X			
Hyperventilation	188	-	X	X	X		X	
Hypervigilance	25	-	X	X	X		X	
Hyperviscosity syndrome	1	-			X			
Hypervolaemia	22	-	X	X	X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypaema	1	-	X					
Hypnagogic hallucination	9	-	X		X		X	
Hypnopompic hallucination	2	-			X			
Hypoacusis	575	-	X	X	X	X	X	
Hypoaesthesia	12,668	-	X	X	X	X	X	X
Hypoaesthesia eye	56	-	X		X		X	
Hypoaesthesia oral	1,475	-	X	X	X	X	X	
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	227	-	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	9	-	X		X			
Hypokalaemia	15	-	X		X		X	
Hypokalaemic syndrome	4	-	X		X			
Hypokinesia	276	-	X	X	X	X	X	
Hypokinetic dysarthria	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypomagnesaemia	4	-	X		X		X	
Hypomania	3	-	X		X			
Hypomenorrhoea	1,364	-	X	X	X	X	X	
Hypometabolism	2	-	X		X			
Hyponatraemia	53	-	X		X	X	X	
Hyponatraemic syndrome	7	1	X		X		X	
Hypoparathyroidism	4	-	X	X			X	
Hypoperfusion	4	-	X		X			
Hypophagia	71	-	X	X	X		X	
Hypophosphataemia	5	-	X		X		X	
Hypopituitarism	6	-	X		X		X	
Hypoplastic anaemia	2	-			X			
Hypopnoea	447	-	X	X	X	X	X	
Hyporeflexia	35	-	X		X			
Hyporesponsive to stimuli	9	-	X		X	X		
Hyposmia	36	-	X	X	X		X	
Hypotension	1,284	1	X	X	X	X	X	
Hypothalamo-pituitary disorder	2	-	X					
Hypothermia	98	-	X	X	X	X	X	
Hypothyroid goitre	1	-			X			
Hypothyroidism	140	-	X	X	X		X	
Hypotonia	95	-	X		X		X	
Hypotonic urinary bladder	1	-			X			
Hypotonic-hyporesponsive episode	1	-	X					
Hypotrichosis	4	-	X		X			
Hypoventilation	3	-	X		X		X	
Hypovitaminosis	11	-	X		X			
Hypovolaemia	3	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Hypovolaemic shock	5	1 X			X			
Hypoxia	117	3 X			X	X	X	
Hypoxic-ischaemic encephalopathy	1	- X						
Hysterectomy	2	- X					X	
Hysteroscopy	3	-			X		X	
Idiopathic angioedema	5	- X			X			
Idiopathic environmental intolerance	2	- X						
Idiopathic generalised epilepsy	1	-			X			
Idiopathic intracranial hypertension	24	- X			X		X	
Idiopathic pulmonary fibrosis	3	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		
IIIrd nerve paresis	1	- X						
Ileostomy	4	- 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	8,582	1 X	X	X	X	X	X	X
Illness anxiety disorder	1	- X						
Illogical thinking	1	- X						
Illusion	20	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Immediate post-injection reaction	10	-	X		X		X	
Immobile	82	-	X		X	X	X	
Immobilisation bandage	1	-	X					
Immobilisation prolonged	4	-	X					
Immune reconstitution inflammatory syndrome	1	-			X			
Immune system disorder	143	-	X	X	X	X	X	
Immune thrombocytopenia	353	4	X	X	X	X	X	
Immune tolerance induction	1	-			X			
Immune-mediated adverse reaction	19	-	X		X		X	
Immune-mediated hepatic disorder	1	-			X			
Immune-mediated hepatitis	2	-	X				X	
Immune-mediated hypothyroidism	2	-	X		X			
Immune-mediated myocarditis	1	-						
Immune-mediated myositis	2	-			X			
Immunisation	669	1	X		X	X	X	
Immunisation reaction	249	-	X	X	X	X	X	
Immunisation stress-related response	6	-	X		X			
Immunodeficiency	31	-	X		X	X	X	
Immunoglobulins decreased	2	-	X					
Immunology test	34	1	X	X	X	X	X	
Immunology test normal	1	-	X					
Immunosuppression	15	-	X		X		X	
Impaired driving ability	20	-	X		X		X	
Impaired gastric emptying	20	-	X		X			
Impaired healing	16	-	X		X		X	
Impaired quality of life	19	-	X		X		X	
Impaired reasoning	4	-	X		X			
Impaired self-care	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Impaired work ability	77	-	X		X	X	X	
Impatience	3	-	X				X	
Imperception	1	-	X					
Impetigo	31	-	X		X		X	
Implant site coldness	1	-	X					
Implant site discharge	1	-	X					
Implant site discolouration	6	-	X		X			
Implant site hypoaesthesia	2	-	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	2	-	X	X				
Inappropriate schedule of product administration	1,033	-	X		X		X	
Inappropriate schedule of product discontinuation	1	-					X	
Incision site erythema	1	-	X					
Incision site haemorrhage	1	-	X					
Incision site oedema	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Incision site pain	15	- X			X		X	
Incoherent	52	- X		X	X		X	
Incomplete course of vaccination	83	- X			X			
Incontinence	196	- X		X	X	X	X	
Incorrect dose administered	105	- 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	216	- X			X		X	
Increased upper airway secretion	10	- 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	57	- X			X		X	
Infant	2	-			X			
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	8	- X			X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	976	4	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			
Inferior vena cava dilatation	1	-			X			
Infertility	46	-	X	X	X		X	
Infertility female	15	-	X		X		X	
Infertility male	4	-	X		X			
Infertility tests	1	-			X			
Infestation	1	-	X					
Inflammation	1,943	1	X	X	X	X	X	
Inflammation of wound	8	-	X			X	X	
Inflammation scan	1	-	X					
Inflammatory bowel disease	39	-	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	23	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Inflammatory marker test	1	-			X			
Inflammatory pain	73	-	X	X	X		X	
Influenza	9,727	-	X	X	X	X	X	
Influenza A virus test	1	-					X	
Influenza immunisation	2	-	X				X	
Influenza like illness	13,835	-	X	X	X	X	X	X
Infrequent bowel movements	6	-	X		X			
Infusion related hypersensitivity reaction	23	-	X		X		X	
Infusion related reaction	31	-	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	8	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Inhibitory drug interaction	15	- X			X			
Initial insomnia	83	- X			X		X	
Injected limb mobility decreased	100	- X			X		X	
Injection	127	- X			X	X	X	
Injection related reaction	760	- X	X	X	X	X	X	
Injection site abscess	4	- X			X			
Injection site atrophy	9	- X						
Injection site bruising	220	- X	X	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	37	- X			X			
Injection site dryness	1	- X						
Injection site eczema	1	-			X			
Injection site erythema	1,328	- X	X	X	X	X	X	
Injection site exfoliation	1	- X						
Injection site haematoma	5	- X			X			
Injection site haemorrhage	39	- X	X	X	X		X	
Injection site hypersensitivity	14	- X			X		X	
Injection site hypoaesthesia	39	- X			X		X	
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	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	2,365	- X	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	5	- 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	55	- X	X	X	X		X	
Injection site pain	9,159	- X	X	X	X	X	X	
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	728	- X	X	X	X	X	X	
Injection site pustule	3	-			X			
Injection site rash	755	- X	X	X	X	X	X	
Injection site reaction	214	- X	X	X	X	X	X	
Injection site scab	8	- X			X			
Injection site scar	10	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Injection site swelling	782	- X	X	X	X	X	X	
Injection site thrombosis	1	- X						
Injection site ulcer	1	- X						
Injection site urticaria	140	- X	X	X	X	X	X	
Injection site vesicles	30	- X	X	X			X	
Injection site warmth	687	- X	X	X	X	X	X	
Injury	50	- 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	6,107	- X	X	X	X	X	X	
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	18	- X			X	X		
Insulin resistant diabetes	3	- X			X			
Intellectual disability	17	- X	X	X				
Intelligence test	1	-			X			
Intention tremor	1	- X						
Intentional dose omission	23	- X						
Intentional overdose	15	- X			X			
Intentional product misuse	19	- X					X	
Intentional product use issue	3	- X			X			
Intentional self-injury	18	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	713	-	X	X	X	X	X	
Intercostal neuralgia	6	-	X		X			
Interferon gamma release assay positive	2	-	X					
Intermenstrual bleeding	2,405	-	X	X	X	X	X	
Intermittent claudication	13	-	X		X			
Intermittent explosive disorder	1	-	X					
Internal capsule infarction	2	-	X		X			
Internal carotid artery deformity	1	-	X					
Internal haemorrhage	49	1	X		X		X	
Internal hernia	1	-	X					
Internal injury	1	-	X					
International normalised ratio	4	-	X					
International normalised ratio abnormal	20	-	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 compression	1	-			X			
Intervertebral disc degeneration	3	-	X					
Intervertebral disc disorder	1	-	X					
Intervertebral disc protrusion	20	-	X		X		X	
Intervertebral discitis	4	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Intestinal anastomosis	1	-			X			
Intestinal angioedema	3	-	X		X			
Intestinal congestion	1	-	X					
Intestinal dilatation	5	-	X		X			
Intestinal haemorrhage	3	-	X		X			
Intestinal infarction	6	1	X		X			
Intestinal ischaemia	58	4	X	X	X	X	X	
Intestinal obstruction	19	-	X		X		X	
Intestinal perforation	12	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	29	6	X	X	X			
Intracranial aneurysm	8	2	X		X			
Intracranial haematoma	11	1	X		X		X	
Intracranial hypotension	4	-	X					
Intracranial mass	5	-	X		X			
Intracranial pressure increased	49	-	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	20	-	X		X		X	
Intraocular pressure test	11	-	X		X			
Intrauterine contraception	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Intravascular haemolysis	2	-			X			
Intraventricular haemorrhage	7	-	X				X	
Intrusive thoughts	15	-	X		X		X	
Intussusception	1	-	X					
Invasive ductal breast carcinoma	1	-			X			
Invasive lobular breast carcinoma	1	-						
Iridocyclitis	55	-	X		X		X	
Iritis	31	-	X		X		X	
Iron binding capacity total decreased	1	-	X					
Iron deficiency	36	-	X		X			
Iron deficiency anaemia	33	-	X		X		X	
Iron overload	2	-	X		X			
Irregular breathing	67	-	X		X	X	X	
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	323	-	X		X	X	X	
Ischaemia	29	-	X		X		X	
Ischaemic cerebral infarction	4	-	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	253	12	X	X	X	X	X	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	101	-	X		X	X	X	
Jaundice acholuric	1	-			X			
Jaundice cholestatic	24	-	X		X		X	
Jaundice neonatal	1	-			X			
Jaw clicking	13	-	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	1	-			X			
Joint dislocation	21	1	X		X		X	
Joint effusion	31	-	X		X		X	
Joint injection	13	-	X		X		X	
Joint injury	37	-	X		X	X	X	
Joint instability	4	-	X		X			
Joint laxity	10	-	X		X			
Joint lock	120	-	X		X	X	X	
Joint microhaemorrhage	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Joint noise	110	-	X	X	X		X	
Joint position sense decreased	3	-	X		X			
Joint range of motion decreased	48	-	X		X		X	
Joint stabilisation	4	-	X				X	
Joint stiffness	999	-	X	X	X	X	X	X
Joint surgery	1	-			X			
Joint swelling	2,159	-	X	X	X	X	X	
Joint vibration	12	-	X		X		X	
Joint warmth	70	-	X	X	X	X	X	
Judgement impaired	5	-	X					
Jugular vein occlusion	4	-	X		X			
Jugular vein thrombosis	37	-	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	1	X		X			
Ketonuria	1	-			X			
Ketosis	6	-	X					
Kidney enlargement	2	-	X		X			
Kidney fibrosis	1	-			X			
Kidney infection	131	-	X	X	X	X	X	
Kidney rupture	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Kidney small	2	-			X			
Kidney transplant rejection	2	-			X			
Klebsiella infection	3	-	X		X			
Klinefelter's syndrome	1	-	X					
Knee arthroplasty	2	-			X		X	
Knee deformity	2	-	X		X			
Knee operation	3	-	X					
Knuckle pads	1	-	X					
Koebner phenomenon	1	-			X			
Kosher diet	1	-	X					
Kyphosis	8	-	X		X			
Labelled drug-drug interaction medication error	1	-	X					
Labia enlarged	5	-	X		X		X	
Labile blood pressure	10	-	X		X			
Labile hypertension	4	-	X		X			
Laboratory test	2	-	X		X			
Laboratory test abnormal	1	-	X					
Labour pain	2	-	X		X			
Labour stimulation	1	-			X			
Labyrinthitis	349	-	X	X	X	X	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	485	-	X	X	X	X	X	
Lactate dehydrogenase urine increased	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lactation disorder	16	- X			X		X	
Lactation puerperal increased	14	- X			X		X	
Lactic acidosis	7	- X			X			
Lactose intolerance	18	- X	X	X	X		X	
Lacunar infarction	13	- X			X	X	X	
Lacunar stroke	37	- X			X		X	
Lagophthalmos	11	- X			X		X	
Language disorder	6	- X			X			
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			
Laryngeal disorder	1	-			X			
Laryngeal obstruction	1	-			X			
Laryngeal oedema	9	- X	X	X	X			
Laryngeal pain	2	- X			X			
Laryngitis	90	- X			X		X	
Laryngoscopy	1	- X						
Laryngospasm	7	- X			X			
Latent autoimmune diabetes in adults	2	-			X			
Lateral medullary syndrome	2	-			X			
Laziness	5	- X			X			
Learning disability	1	-			X			
Learning disorder	1	-			X			
Left atrial dilatation	2	- X			X			
Left ventricular dilatation	4	- X					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Left ventricular dysfunction	55	-	X		X		X	
Left ventricular enlargement	4	-			X		X	
Left ventricular failure	16	4	X		X		X	
Left ventricular hypertrophy	12	1	X		X		X	
Leg amputation	5	-	X					
Leiomyoma	1	-	X					
Lesion excision	2	-	X		X			
Lethargy	8,820	-	X	X	X	X	X	X
Leukaemia	13	2	X		X		X	
Leukaemia recurrent	1	-	X					
Leukocytosis	8	-	X		X			
Leukopenia	22	1	X		X	X		
Leukoplakia	1	-	X					
Leukoplakia oral	4	-	X		X			
Lhermitte's sign	6	-	X		X			
Libido decreased	53	-	X		X		X	
Libido disorder	3	-	X		X			
Libido increased	20	-	X		X		X	
Lice infestation	2	-			X		X	
Lichen planopilaris	8	-	X		X			
Lichen planus	100	-	X	X	X	X	X	
Lichen sclerosus	30	-	X		X		X	
Lichen striatus	1	-	X					
Lichenoid keratosis	9	-	X		X			
Lid sulcus deepened	5	-	X				X	
Life expectancy shortened	2	-	X					
Ligament injury	6	-	X		X			
Ligament laxity	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ligament pain	15	-	X		X			
Ligament rupture	2	-	X					
Ligament sprain	44	-	X		X	X	X	
Ligamentitis	3	-			X			
Light anaesthesia	1	-					X	
Limb crushing injury	17	-	X		X		X	
Limb deformity	16	-	X		X			
Limb discomfort	4,784	-	X	X	X	X	X	
Limb immobilisation	46	-	X		X	X	X	
Limb injury	706	-	X	X	X	X	X	
Limb mass	50	-	X		X		X	
Limb operation	27	-	X		X		X	
Limb reattachment surgery	1	-	X					
Limb reduction defect	3	-	X					
Limbal swelling	13	-	X		X		X	
Limbic encephalitis	3	-	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	149	-	X		X		X	
Lip erythema	9	-	X		X			
Lip exfoliation	17	-	X		X		X	
Lip haemorrhage	8	-	X		X		X	
Lip infection	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lip injury	2	- X						
Lip neoplasm malignant stage unspecified	1	- X						
Lip oedema	17	- X			X		X	
Lip pain	146	- X			X	X	X	
Lip pruritus	38	- X			X		X	
Lip scab	1	-			X			
Lip swelling	2,323	- X	X	X	X	X	X	
Lip ulceration	47	- X			X		X	
Lipase increased	1	- X						
Lipoatrophy	7	- X			X			
Lipodystrophy acquired	2	-			X			
Lipoedema	1	- X						
Lipohypertrophy	2	- X						
Lipoma	22	- X	X	X	X		X	
Liquid product physical issue	14	- X			X			
Listless	174	- X			X		X	
Live birth	12	- X			X		X	
Livedo reticularis	103	- X			X	X	X	
Liver abscess	2	- X			X			
Liver contusion	1	-			X			
Liver disorder	41	- X	X	X	X			
Liver function test	5	- X			X			
Liver function test abnormal	109	- X	X	X	X	X	X	
Liver function test increased	48	- X			X		X	
Liver injury	69	- X			X		X	
Liver scan	2	-			X			
Liver tenderness	11	- X			X		X	
Local anaesthesia	5	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Local reaction	288	-	X	X	X	X	X	
Localised alternating hot and cold therapy	9	-	X	X	X			
Localised infection	178	-	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	20	-	X	X	X	X	X	
Loss of consciousness	2,582	2	X	X	X	X	X	
Loss of control of legs	106	-	X	X	X	X	X	
Loss of employment	1	-		X				
Loss of libido	96	-	X	X	X	X	X	
Loss of personal independence in daily activities	112	-	X	X	X	X	X	
Loss of proprioception	12	-	X		X		X	
Low birth weight baby	2	-	X		X			
Low density lipoprotein	1	-	X					
Low density lipoprotein increased	2	-	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			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lower respiratory tract congestion	7	-	X		X		X	
Lower respiratory tract infection	816	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	-	1	X					
Lung cancer metastatic	1	3	X		X			
Lung carcinoma cell type unspecified stage III	1	-	X					
Lung consolidation	18	-	X		X		X	
Lung cyst	1	-	X					
Lung disorder	43	-	X	X	X		X	
Lung hyperinflation	3	-	X		X			
Lung induration	1	-	X					
Lung infiltration	3	1	X		X			
Lung neoplasm malignant	32	4	X		X		X	
Lung opacity	12	-	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	16	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lymph gland infection	30	-	X		X		X	
Lymph node abscess	12	-	X		X		X	
Lymph node fibrosis	1	-	X					
Lymph node pain	3,382	-	X	X	X	X	X	X
Lymph node palpable	59	-	X		X		X	
Lymph node tuberculosis	5	-	X		X		X	
Lymph node ulcer	2	-			X		X	
Lymph nodes scan abnormal	1	-			X			
Lymphadenectomy	2	-			X			
Lymphadenitis	282	-	X	X	X	X	X	
Lymphadenopathy	22,797	-	X	X	X	X	X	X
Lymphadenopathy mediastinal	3	-	X		X			
Lymphangioma	1	-			X			
Lymphangiopathy	3	-	X		X			
Lymphangitis	25	-	X		X		X	
Lymphatic disorder	6	-	X		X		X	
Lymphatic insufficiency	2	-	X		X			
Lymphocele	10	-	X		X		X	
Lymphocyte count	4	-	X		X			
Lymphocyte count abnormal	1	-	X					
Lymphocyte count decreased	10	-	X		X			
Lymphocyte count increased	5	-	X		X			
Lymphocytic infiltration	1	-			X			
Lymphocytosis	17	-	X		X			
Lymphoedema	413	-	X	X	X	X	X	
Lymphoid hyperplasia of intestine	2	-					X	
Lymphoid tissue hyperplasia	2	-	X		X			
Lymphoma	86	1	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Lymphopenia	14	-	X		X	X		
Lymphoproliferative disorder	1	-	X					
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	20	-	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	19	-	X		X			
MAGIC syndrome	5	1	X		X		X	
Magnesium deficiency	1	-			X			
Magnetic resonance imaging	8	-	X		X			
Magnetic resonance imaging abdominal	1	-	X					
Magnetic resonance imaging abnormal	2	-	X		X			
Magnetic resonance imaging head	62	-	X	X	X			
Magnetic resonance imaging head abnormal	3	-	X		X			
Magnetic resonance imaging heart	2	-	X		X			
Magnetic resonance imaging neck	1	-	X					
Magnetic resonance imaging whole body	1	-	X					
Magnetic resonance neurography	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Magnetic therapy	2	-	X		X			
Major depression	48	-	X	X	X		X	
Malabsorption	3	-			X			
Malaise	22,120	2	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	11	-	X		X			
Malignant melanoma in situ	3	-	X					
Malignant neoplasm progression	2	1	X					
Mallet finger	1	-			X			
Mallory-Weiss syndrome	1	-			X			
Malnutrition	4	-	X		X			
Malnutrition-inflammation-atherosclerosis syndrome	1	-	X					
Malpositioned teeth	5	-	X		X			
Mammary duct ectasia	1	-	X					
Mammogram	1	-	X					
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	
Masked fever	1	-	X					
Mass	232	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mass excision	18	- X			X	X	X	
Mast cell activation syndrome	45	- X			X		X	
Mast cell degranulation present	1	- X						
Mastication disorder	23	- X			X		X	X
Mastitis	168	- X	X	X	X	X	X	
Mastocytosis	5	- X					X	
Mastoid effusion	1	-			X			
Mastoiditis	9	- X			X			
Mastoptosis	1	-			X			
Maternal condition affecting foetus	1	-			X			
Maternal exposure before pregnancy	55	- X			X		X	
Maternal exposure during breast feeding	4,097	- X	X	X	X	X	X	
Maternal exposure during pregnancy	1,872	- X	X	X	X	X	X	
Maternal exposure timing unspecified	21	- X			X		X	
Maxillofacial sinus neoplasm	1	- X						
Maximal voluntary ventilation	5	- 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	3	- X			X			
Mean cell haemoglobin concentration	1	- X						
Mean cell volume abnormal	3	- X						
Mean platelet volume decreased	1	-			X			
Mean platelet volume increased	1	-			X			
Measles	12	- X			X			
Measles post vaccine	1	- X						
Mechanical urticaria	60	- 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	572	-	X	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	22	-	X		X		X	
Melanocytic naevus	19	-	X	X	X		X	
Melanoderma	2	-	X					
Memory impairment	808	-	X	X	X	X	X	X
Menarche	8	-	X		X		X	
Meniere's disease	54	-	X	X	X		X	
Meningeal thickening	1	-			X			
Meningioma	8	-	X		X			
Meningism	9	-	X		X	X	X	
Meningitis	48	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	
Menopause	156	-	X	X	X		X	
Menopause delayed	6	-	X		X			
Menstrual cycle management	23	-	X		X		X	
Menstrual discomfort	60	-	X		X		X	
Menstrual disorder	4,678	-	X	X	X	X	X	X
Menstrual headache	27	-	X		X		X	
Menstruation delayed	10,472	-	X	X	X	X	X	X
Menstruation irregular	7,617	-	X	X	X	X	X	
Menstruation normal	12	-	X		X			
Mental disability	3	-	X		X			
Mental disorder	74	-	X	X	X		X	
Mental disorder due to a general medical condition	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mental fatigue	863	-	X	X	X	X	X	X
Mental impairment	248	-	X	X	X	X	X	
Mental status changes	9	-	X		X			
Meralgia paraesthetica	6	-	X		X	X		
Mesenteric abscess	1	-			X			
Mesenteric arterial occlusion	1	-	X					
Mesenteric artery embolism	1	-	X					
Mesenteric artery stenosis	1	-	X					
Mesenteric artery thrombosis	5	-	X					
Mesenteric haemorrhage	5	-	X					
Mesenteric panniculitis	1	-	X					
Mesenteric vein thrombosis	36	-	X		X		X	
Mesenteric venous occlusion	1	-	X					
Mesothelioma	1	-	X					
Metabolic acidosis	18	-	X		X			
Metabolic disorder	3	-	X		X			
Metabolic syndrome	1	-	X					
Metal poisoning	2	-	X					
Metamorphopsia	72	-	X	X	X		X	
Metastases to bone	5	-	X		X	X		
Metastases to central nervous system	1	1	X		X			
Metastases to liver	2	-	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	-	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	186	-	X	X	X	X	X	
Middle ear disorder	4	-	X		X			
Middle ear effusion	8	-	X		X	X		
Middle ear inflammation	2	-			X		X	
Middle insomnia	125	-	X	X	X		X	
Migraine	13,285	-	X	X	X	X	X	X
Migraine with aura	769	-	X	X	X	X	X	
Migraine without aura	79	-	X		X	X	X	
Migraine-triggered seizure	3	-	X					
Milia	3	-			X			
Miliaria	434	-	X	X	X	X	X	
Milk allergy	6	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Miller Fisher syndrome	37	-	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	24	-	X		X		X	
Mitral valve prolapse	10	-	X		X		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					
Mixed incontinence	5	-	X		X	X		
Moaning	15	-	X		X		X	
Mobility decreased	488	-	X	X	X	X	X	
Moebius II syndrome	1	-			X			
Molluscum contagiosum	4	-	X		X			
Monocyte count increased	3	-	X		X			
Monocytosis	2	-	X					
Mononeuritis	8	-	X		X		X	
Mononeuropathy	7	-	X		X			
Mononeuropathy multiplex	1	-				X		
Mononuclear cell count abnormal	1	-	X					
Monoparesis	259	-	X	X	X	X	X	
Monoplegia	327	-	X	X	X	X	X	
Mood altered	190	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mood disorder due to a general medical condition	2	-	X		X			
Mood swings	357	-	X	X	X		X	
Morbid thoughts	6	-	X		X			
Morning sickness	29	-	X	X	X	X	X	
Morose	1	-			X			
Morphoea	6	-	X				X	
Morton's neuralgia	4	-			X			
Morvan syndrome	1	-			X			
Motion sickness	226	-	X	X	X		X	
Motor dysfunction	32	-	X		X		X	
Motor neurone disease	26	5	X	X	X		X	
Mouth breathing	18	-	X		X	X	X	
Mouth cyst	21	-	X		X			
Mouth haemorrhage	96	-	X	X	X	X	X	
Mouth injury	7	-	X		X			
Mouth swelling	299	-	X	X	X	X	X	
Mouth ulceration	1,465	-	X	X	X	X	X	X
Movement disorder	235	-	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	2	-	X					
Mucosal dryness	2	-	X		X			
Mucosal haemorrhage	22	-	X		X			
Mucosal inflammation	17	-	X		X	X	X	
Mucosal pain	3	-	X				X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Mucosal ulceration	2	-	X		X			
Mucous membrane pemphigoid	1	-			X			
Mucous stools	30	-	X		X		X	
Multigravida	1	-			X			
Multiple allergies	54	-	X	X	X		X	
Multiple cardiac defects	1	-	X					
Multiple congenital abnormalities	1	-			X			
Multiple fractures	3	-	X		X			
Multiple injuries	3	-			X		X	
Multiple organ dysfunction syndrome	27	22	X	X	X	X	X	
Multiple sclerosis	127	-	X		X		X	
Multiple sclerosis pseudo relapse	3	-	X				X	
Multiple sclerosis relapse	99	-	X		X	X	X	
Multiple sclerosis relapse prophylaxis	5	-	X		X			
Multisystem inflammatory syndrome	3	-	X					
Multisystem inflammatory syndrome in children	6	-			X			
Mumps	28	-	X		X		X	
Muscle abscess	1	-	X					
Muscle atrophy	107	-	X	X	X	X	X	
Muscle contractions involuntary	88	-	X		X	X	X	
Muscle contracture	10	-	X		X		X	
Muscle discomfort	34	-	X		X		X	
Muscle disorder	34	-	X	X	X		X	
Muscle enzyme	1	-			X			
Muscle enzyme increased	1	-	X					
Muscle fatigue	1,611	-	X	X	X	X	X	
Muscle haemorrhage	7	-	X		X		X	
Muscle hernia	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Muscle hypertrophy	1	- X						
Muscle hypoxia	1	-			X			
Muscle injury	132	- X	X	X	X	X	X	
Muscle mass	20	- X			X		X	
Muscle mass percentage	1	- X						
Muscle necrosis	2	- X						
Muscle oedema	10	- X			X			
Muscle relaxant therapy	3	- X						
Muscle rigidity	101	- X	X	X	X	X	X	
Muscle rupture	33	- X			X	X	X	
Muscle spasms	7,435	- X	X	X	X	X	X	
Muscle spasticity	70	- X			X	X	X	
Muscle strain	115	- 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						
Muscle tightness	376	- X	X	X	X	X	X	
Muscle tone disorder	1	-			X			
Muscle twitching	1,482	- X	X	X	X	X	X	X
Muscular weakness	4,252	- X	X	X	X	X	X	X
Musculoskeletal chest pain	874	- X	X	X	X	X	X	
Musculoskeletal deformity	1	-			X			
Musculoskeletal discomfort	360	- X	X	X	X		X	
Musculoskeletal disorder	22	- X			X		X	
Musculoskeletal injury	2	- X			X			
Musculoskeletal pain	365	- X	X	X	X	X	X	
Musculoskeletal stiffness	5,087	- X	X	X	X	X	X	
Mutism	11	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Myalgia	45,697	-	X	X	X	X	X	X
Myalgia intercostal	6	-	X		X		X	
Myasthenia gravis	51	-	X	X	X		X	X
Myasthenia gravis crisis	7	-	X		X			
Myasthenic syndrome	2	-			X		X	
Mycotoxycosis	1	-			X			
Mydriasis	67	-	X		X		X	
Myelitis	49	-	X		X		X	
Myelitis transverse	188	-	X	X	X	X	X	
Myelodysplastic syndrome	5	1	X		X		X	
Myeloid leukaemia	1	-	X					
Myelopathy	11	-	X		X			
Myeloproliferative neoplasm	1	-	X					
Myelosuppression	7	-	X		X			
Myocardial fibrosis	19	-	X		X		X	
Myocardial haemorrhage	1	-			X			
Myocardial infarction	869	138	X	X	X	X	X	
Myocardial injury	70	-	X	X	X	X	X	X
Myocardial ischaemia	34	31	X	X	X	X	X	
Myocardial necrosis	1	-			X			
Myocardial necrosis marker	2	-	X		X			
Myocardial necrosis marker increased	5	-	X		X		X	
Myocardial oedema	10	-	X		X		X	
Myocardial rupture	4	-	X		X			
Myocardial strain imaging	24	-	X		X			
Myocarditis	1,272	15	X	X	X	X	X	X
Myocarditis bacterial	1	-			X			
Myocarditis infectious	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Myocarditis mycotic	4	-			X	X	X	
Myocarditis post infection	3	-	X		X			
Myocarditis septic	1	-			X			
Myoclonic epilepsy	6	-	X				X	
Myoclonus	76	-	X	X	X	X		
Myofascial pain syndrome	46	-	X	X	X			
Myofascial spasm	1	-			X			
Myoglobinuria	1	-			X			
Myopathy	17	-	X		X	X		
Myopericarditis	164	-	X	X	X	X	X	
Myopia	13	-	X		X		X	
Myosclerosis	1	-					X	
Myositis	138	2	X	X	X	X	X	
Myxoedema	1	-			X			
Myxoid cyst	2	-	X					
Nail avulsion	1	-			X			
Nail bed bleeding	3	-	X		X			
Nail bed disorder	2	-	X					
Nail bed inflammation	1	-	X					
Nail bed tenderness	2	-	X					
Nail discolouration	35	-	X		X		X	
Nail disorder	16	-	X		X		X	
Nail growth abnormal	4	-	X		X			
Nail hypertrophy	1	-	X					
Nail infection	3	-			X		X	
Nail injury	1	-	X					
Nail necrosis	1	-	X					
Nail operation	6	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Nail pigmentation	4	-	X		X			
Nail pitting	1	-	X					
Nail psoriasis	4	-	X		X			
Nail ridging	13	-	X		X		X	
Narcolepsy	34	-	X		X		X	
Nasal cavity cancer	1	-	X					
Nasal congestion	968	-	X	X	X	X	X	
Nasal crusting	9	-	X		X		X	
Nasal cyst	2	-	X					
Nasal discharge discolouration	6	-	X		X			
Nasal discomfort	76	-	X		X		X	
Nasal disorder	13	-	X		X			
Nasal dryness	113	-	X		X		X	
Nasal flaring	2	-	X		X			
Nasal herpes	22	-	X		X		X	
Nasal inflammation	17	-	X		X		X	
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	27	-	X		X		X	
Nasal polyps	5	-	X		X			
Nasal pruritus	30	-	X		X		X	
Nasal septum deviation	1	-	X					
Nasal septum perforation	1	-	X					
Nasal ulcer	8	-	X		X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Nasal vestibulitis	1	-	X					
Nasopharyngeal swab	1	-			X			
Nasopharyngitis	3,679	1	X	X	X	X	X	X
Natural killer cell count increased	1	-	X					
Nausea	57,761	-	X	X	X	X	X	X
Near death experience	5	-	X		X		X	
Neck crushing	2	-	X		X			
Neck deformity	1	-			X			
Neck injury	4	-	X		X			
Neck lift	2	-	X		X			
Neck mass	95	-	X		X	X	X	
Neck pain	6,342	-	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 ulcerative gingivostomatitis	1	-					X	
Needle fatigue	1	-	X					
Needle issue	15	-	X		X			
Needle track marks	10	-	X		X		X	
Negative thoughts	17	-	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	38	7	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neoplasm progression	1	- X						
Neoplasm recurrence	10	- X			X			
Neoplasm skin	7	- X			X			
Neovascular age-related macular degeneration	19	- X			X			
Neovascularisation	1	- X						
Nephritis	12	- X			X		X	
Nephrolithiasis	46	- X	X	X	X		X	
Nephropathy	3	- X			X			
Nephrosclerosis	1	- X						
Nephrotic syndrome	61	- X	X	X	X	X		
Nerve block	11	- X	X	X	X			
Nerve compression	98	- X	X	X	X		X	
Nerve conduction studies	2	- X			X			
Nerve conduction studies abnormal	2	- X						
Nerve degeneration	2	- X			X			
Nerve injury	423	- X	X	X	X	X	X	
Nerve root injury lumbar	1	-					X	
Nerve stimulation test abnormal	1	- X						
Nervous system disorder	156	- X	X	X	X	X	X	X
Nervous system injury	9	- X			X		X	
Nervousness	921	- X	X	X	X	X	X	
Neural tube defect	-	1 X						
Neuralgia	2,674	- X	X	X	X	X	X	
Neuralgic amyotrophy	32	- X	X	X	X	X	X	
Neurilemmoma benign	1	-			X			
Neuritis	34	- X			X		X	
Neurodermatitis	14	- X	X	X	X	X	X	
Neuroendocrine carcinoma of the skin	2	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neuroendocrine tumour	2	-	X		X			
Neurofibromatosis	2	-	X		X			
Neurogenic bladder	6	-	X		X			
Neurogenic bowel	3	-	X					
Neurogenic hypertension	1	-	X					
Neurogenic shock	35	-	X		X		X	
Neurologic neglect syndrome	4	-	X		X			
Neurological decompensation	4	-	X					
Neurological examination	1	-	X					
Neurological examination abnormal	1	-	X					
Neurological examination normal	1	-	X					
Neurological rehabilitation	1	-	X					
Neurological symptom	284	-	X	X	X		X	
Neurolysis	1	-			X			
Neuroma	1	-			X			
Neuromuscular pain	11	-	X		X		X	
Neuromyelitis optica spectrum disorder	8	-	X		X			
Neuromyopathy	4	-	X					
Neuromyotonia	1	-	X					
Neuropathic muscular atrophy	1	-	X					
Neuropathy peripheral	576	-	X	X	X	X	X	
Neuropsychiatric 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					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Neurovascular conflict	2	-	X					
Neutropenia	140	-	X		X	X	X	
Neutropenic sepsis	13	1	X		X			
Neutrophil count	9	-	X		X		X	
Neutrophil count abnormal	1	-	X					
Neutrophil count decreased	44	-	X		X	X	X	
Neutrophil count increased	6	-	X		X			
Neutrophil toxic granulation present	1	-	X					
Neutrophilia	26	-	X		X			
Neutrophilic dermatosis	2	-	X		X			
New daily persistent headache	35	-	X		X	X	X	
Nicotine dependence	3	-	X		X			
Night blindness	8	-	X				X	
Night sweats	3,587	-	X	X	X	X	X	
Nightmare	817	-	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	91	1	X		X		X	
Nipple swelling	10	-	X		X		X	
No adverse event	18	-	X		X	X	X	
No reaction on previous exposure to drug	45	-	X	X	X		X	
Nocturia	32	-	X	X	X	X	X	
Nocturnal dyspnoea	2	-			X			
Nocturnal emission	1	-					X	
Nodal arrhythmia	2	-			X			
Nodal osteoarthritis	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	89	-	X		X		X	
Non-Hodgkin's lymphoma	4	1	X		X			
Noninfective encephalitis	28	-	X		X		X	
Noninfective gingivitis	44	-	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	23	-	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					
Obsessive-compulsive disorder	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	150	-	X		X	X	X	
Ocular hyperaemia	844	-	X	X	X	X	X	
Ocular hypertension	1	-			X			
Ocular icterus	3	-	X		X			
Ocular myasthenia	9	-	X		X			
Ocular retrobulbar haemorrhage	1	-	X					
Ocular rosacea	1	-	X					
Ocular sarcoidosis	1	-						
Ocular vascular disorder	4	-	X		X			
Ocular vasculitis	1	-			X			
Oculofacial paralysis	1	-	X					
Odynophagia	94	-	X	X	X		X	
Oedema	240	-	X	X	X	X	X	
Oedema blister	1	-	X					
Oedema mouth	5	-	X		X			
Oedema mucosal	6	-	X		X		X	
Oedema peripheral	328	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	4	-	X		X		X	
Oesophageal hypomotility	1	-	X					
Oesophageal motility disorder	1	-			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					
Oesophageal varices haemorrhage	1	-			X			
Oesophagitis	30	-	X		X	X	X	
Oestradiol	2	-	X					
Oestradiol decreased	1	-	X					
Oestriol	1	-	X					
Oestrogen deficiency	1	-			X			
Oestrogenic effect	1	-	X					
Off label use	780	-	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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oliguria	14	-	X		X		X	
Omental infarction	1	-			X			
Omphalitis	1	-	X					
Onychalgia	18	-	X		X		X	
Onychoclasia	30	-	X		X		X	
Onycholysis	4	-	X					
Onychomadesis	11	-	X		X		X	
Onychomycosis	6	-			X	X		
Ophthalmic herpes simplex	6	-	X		X		X	
Ophthalmic herpes zoster	18	-	X		X		X	
Ophthalmic migraine	42	-	X		X			
Ophthalmic vein thrombosis	5	-	X		X			
Ophthalmological examination	10	-	X		X		X	
Ophthalmological examination abnormal	1	-	X					
Ophthalmoplegia	28	-	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	19	-	X		X		X	
Optic nerve compression	2	-	X					
Optic nerve disorder	6	-	X		X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Optic nerve injury	12	-	X		X		X	
Optic nerve sheath haemorrhage	1	-	X					
Optic neuritis	130	-	X		X	X	X	
Optic neuropathy	11	-	X					
Oral allergy syndrome	8	-	X		X			
Oral blood blister	81	-	X		X		X	
Oral candidiasis	124	-	X	X	X	X	X	
Oral contraception	4	-	X		X			
Oral contusion	23	-	X		X	X	X	
Oral discharge	1	-	X					
Oral discomfort	236	-	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	1,324	-	X	X	X	X	X	X
Oral infection	3	-	X		X		X	
Oral lichen planus	42	-	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	
Oral mucosal exfoliation	24	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oral pain	634	-	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	10	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	
Oropharyngeal blistering	40	-	X		X		X	
Oropharyngeal discolouration	2	-	X		X			
Oropharyngeal discomfort	128	-	X	X	X		X	
Oropharyngeal pain	8,651	-	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	2	-			X			
Orthostatic hypotension	97	-	X		X	X	X	
Orthostatic intolerance	19	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Os trigonum	1	-	X					
Oscillopsia	4	-	X		X			
Osmophobia	1	-			X			
Osteitis	24	-	X		X		X	
Osteoarthritis	207	-	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	
Osteomyelitis acute	2	-			X			
Osteomyelitis chronic	1	-			X			
Osteonecrosis	6	-	X		X			
Osteonecrosis of jaw	7	-	X		X			
Osteopenia	6	-	X		X			
Osteoporosis	24	-	X		X			
Osteoporotic fracture	6	-	X		X			
Osteosclerosis	2	-	X					
Otitis externa	17	-	X		X		X	
Otitis media	13	-	X		X			
Otitis media acute	1	-			X			
Otitis media chronic	20	-	X		X			
Otorrhoea	16	-	X		X			
Otosalpingitis	2	-	X				X	
Ototoxicity	1	-			X			
Ovarian abscess	2	-	X		X			
Ovarian adhesion	1	-	X					
Ovarian cancer	12	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ovarian cancer recurrent	2	- X						
Ovarian cancer stage IV	1	- X						
Ovarian cyst	81	- X			X		X	
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	124	- X			X	X	X	
Overfeeding of infant	1	- X						
Overgrowth fungal	2	- X					X	
Oversensing	61	- X		X	X	X	X	
Overweight	4	- 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	
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

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Oxygen saturation decreased	357	-	X	X	X	X	X	
Oxygen saturation increased	1	-		X				
Oxygen saturation normal	1	-	X					
Pacemaker generated rhythm	1	-	X					
Packaging design issue	1	-			X			
Pain	32,973	-	X	X	X	X	X	X
Pain assessment	1	-				X		
Pain in extremity	46,192	2	X	X	X	X	X	X
Pain in jaw	1,239	-	X	X	X	X	X	
Pain of skin	1,545	-	X	X	X	X	X	
Pain threshold decreased	1	-			X			
Painful ejaculation	4	-	X		X		X	
Painful erection	4	-	X		X			
Painful respiration	36	1	X		X		X	
Palatal disorder	2	-	X					
Palatal oedema	5	-	X		X			
Palatal swelling	19	-	X		X			
Palatal ulcer	1	-			X			
Palate injury	4	-	X		X		X	
Palindromic rheumatism	15	-	X		X		X	
Pallor	1,052	-	X	X	X	X	X	
Palmar erythema	11	-	X		X			
Palmar-plantar erythrodysesthesia syndrome	7	-	X		X		X	
Palmoplantar keratoderma	1	-	X					
Palmoplantar pustulosis	10	-	X		X		X	
Palpatory finding abnormal	4	-	X		X		X	
Palpitations	17,284	1	X	X	X	X	X	X
Pancreas divisum	1	-				X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	3	-	X		X			
Pancreatic mass	2	-	X		X			
Pancreatic neuroendocrine tumour	1	-			X			
Pancreatic pseudocyst	1	-	X					
Pancreatic steatosis	1	-	X					
Pancreatitis	71	2	X	X	X		X	
Pancreatitis acute	44	1	X		X		X	
Pancreatitis chronic	3	-	X		X			
Pancreatitis necrotising	5	-	X		X			
Pancytopenia	34	1	X		X	X	X	
Panic attack	754	-	X	X	X	X	X	
Panic disorder	23	-	X	X	X		X	
Panic reaction	94	-	X	X	X	X	X	
Panniculitis	9	-	X		X			
Papillary cystadenoma lymphomatosum	1	-	X					
Papillary thyroid cancer	2	-			X			
Papillitis	2	-	X		X			
Papilloedema	28	-	X	X	X		X	
Papilloma	1	-			X			
Papilloma viral infection	1	-	X					
Papillophlebitis	2	-			X		X	
Papule	274	-	X		X		X	
Papulopustular rosacea	2	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Paradoxical embolism	1	-	X					
Paraesthesia	17,872	1	X	X	X	X	X	X
Paraesthesia ear	2	-	X		X			
Paraesthesia oral	2,253	-	X	X	X	X	X	X
Parakeratosis	1	-	X					
Paralysis	618	1	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	147	-	X	X	X	X	X	
Paranasal sinus haemorrhage	5	-	X					
Paranasal sinus hypersecretion	1	-	X					
Paranasal sinus inflammation	9	-	X		X			
Paraneoplastic syndrome	3	-	X		X			
Paranoia	86	-	X		X		X	
Paraparesis	13	-	X		X		X	
Paraplegia	8	-	X		X			
Parapsoriasis	14	-	X		X		X	
Parasomnia	6	-	X		X			
Paratracheal lymphadenopathy	1	-				X		
Paravaccinia	1	-	X					
Paresis	26	-	X		X		X	
Paresis cranial nerve	2	-	X					
Parinaud syndrome	1	-	X					
Parity	1	-			X			
Parkinsonian gait	2	-			X			
Parkinsonian rest tremor	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Parkinsonism	17	2	X		X		X	
Parkinson's disease	26	-	X		X			
Paronychia	4	-			X		X	
Parophthalmia	2	-	X		X			
Parosmia	902	-	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	18	-	X		X	X	X	
Partial seizures	109	-	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					
Pathergy reaction	1	-			X			
Pathogen resistance	4	-	X		X			
Pathological fracture	1	-	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			
Pedantic speech	1	-	X					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pelvic bone injury	1	-	X					
Pelvic congestion	2	-			X			
Pelvic discomfort	11	-	X		X		X	
Pelvic floor muscle weakness	1	-			X			
Pelvic fluid collection	1	-			X			
Pelvic fracture	1	-			X			
Pelvic girdle pain	2	-	X					
Pelvic haematoma	1	-	X					
Pelvic haemorrhage	54	-	X		X	X	X	
Pelvic infection	1	-	X					
Pelvic inflammatory disease	4	-	X		X			
Pelvic mass	1	-	X					
Pelvic misalignment	2	-	X		X			
Pelvic organ prolapse	1	-	X					
Pelvic pain	380	-	X	X	X	X	X	
Pelvic sepsis	1	-	X					
Pelvic venous thrombosis	31	1	X	X	X		X	
Pemphigoid	99	1	X	X	X	X	X	
Pemphigus	23	-	X		X		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	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Penile erosion	1	-	X					
Penile erythema	1	-			X			
Penile exfoliation	1	-	X					
Penile haemorrhage	10	-	X		X			
Penile oedema	4	-	X		X			
Penile pain	4	-	X		X		X	
Penile size reduced	3	-	X		X			
Penile swelling	6	-			X			
Penis disorder	31	-	X		X		X	
Penis injury	4	-	X		X			
Penoscrotal fusion	4	-	X		X			
Peptic ulcer	4	-	X		X		X	
Peptic ulcer haemorrhage	28	-	X	X	X	X	X	
Perforation	5	-	X		X		X	
Performance fear	2	-	X		X			
Performance status decreased	1	-	X					
Perfume sensitivity	2	-					X	
Periarthritis	1,009	-	X	X	X	X	X	
Pericardial cyst	1	-			X			
Pericardial disease	1	-	X					
Pericardial effusion	115	2	X	X	X	X	X	X
Pericardial excision	2	-	X					
Pericardial fibrosis	1	-			X			
Pericardial haemorrhage	10	8	X		X	X	X	
Pericardial lipoma	1	-			X			
Pericardial rub	6	-	X		X		X	
Pericarditis	1,029	2	X	X	X	X	X	
Pericarditis constrictive	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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			
Periorbital haemorrhage	2	-	X					
Periorbital infection	2	-			X			
Periorbital oedema	48	-	X		X		X	
Periorbital pain	9	-	X		X			
Periorbital swelling	285	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Peripheral artery thrombosis	26	-	X	X	X			
Peripheral circulatory failure	10	-	X		X			
Peripheral coldness	2,108	-	X	X	X	X	X	
Peripheral embolism	16	-	X		X			
Peripheral ischaemia	55	2	X		X	X	X	
Peripheral motor neuropathy	4	-	X	X				
Peripheral nerve injury	2	-	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	6	-	X		X			
Peripheral sensory neuropathy	39	-	X		X		X	
Peripheral swelling	13,765	-	X	X	X	X	X	
Peripheral vascular disorder	12	-	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	1	X		X		X	
Peritonsillar abscess	8	-	X		X		X	
Pernicious anaemia	8	-	X		X			
Pernio-like erythema	2	-			X	X		
Peroneal nerve palsy	50	-	X	X	X	X	X	
Persistent generalised lymphadenopathy	2	-	X		X			
Persistent genital arousal disorder	4	-	X		X			
Persistent postural-perceptual dizziness	72	-	X		X	X	X	
Personality change	25	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Personality disorder	2	- X			X			
Pertussis	4	- X			X			
Petechiae	613	- X	X	X	X	X	X	
Petit mal epilepsy	82	- X			X	X	X	
Peyronie's disease	5	- X			X			
PFAPA syndrome	1	- X						
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	19	- X	X	X	X		X	
Pharyngeal haemorrhage	5	- X			X		X	
Pharyngeal hypoaesthesia	89	- X			X	X	X	
Pharyngeal inflammation	6	- X			X			
Pharyngeal lesion	1	-			X			
Pharyngeal mass	1	-			X			
Pharyngeal oedema	33	- X			X		X	
Pharyngeal paraesthesia	106	- X	X	X	X		X	
Pharyngeal swelling	719	- X	X	X	X	X	X	
Pharyngeal ulceration	37	- X			X			
Pharyngitis	94	- X	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	122	-	X	X	X	X	X	
Phlebitis superficial	24	-	X		X		X	
Phlebotomy	2	-	X					
Phobia	7	-	X		X		X	
Phobic postural vertigo	3	-	X		X			
Phonophobia	11	-	X		X	X	X	
Phospholipase A2 activity increased	1	-					X	
Photodermatitis	2	-	X					
Photopheresis	1	-	X					
Photophobia	1,826	-	X	X	X	X	X	
Photopsia	597	-	X	X	X	X	X	
Photosensitivity reaction	288	-	X		X	X	X	
Phrenic nerve paralysis	1	-			X			
Phyllodes tumour	1	-					X	
Physical deconditioning	2	-			X			
Physical disability	13	-	X		X			
Physical fitness training	5	-	X		X			
Physiotherapy	1	-	X					
Pica	1	-	X					
Pigmentation disorder	40	-	X		X	X	X	
Pigmentation lip	1	-			X			
Piloerection	149	-	X		X		X	
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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pituitary tumour benign	3	-	X		X			
Pituitary-dependent Cushing's syndrome	1	-			X			
Pityriasis	55	-	X		X		X	
Pityriasis alba	1	-			X			
Pityriasis lichenoides et varioliformis acuta	2	-	X		X			
Pityriasis rosea	249	-	X	X	X	X	X	
Pityriasis rubra pilaris	5	-	X		X			
Placental calcification	2	-	X		X			
Placental disorder	5	-	X		X			
Placental insufficiency	1	-			X			
Plantar erythema	3	-	X					
Plantar fasciitis	40	-	X	X	X		X	
Plasma cell mastitis	1	-						
Plasma cell myeloma	5	-	X		X			
Plasma cell myeloma refractory	1	-			X			
Plasma viscosity	1	-			X			
Plasma viscosity abnormal	2	-	X		X			
Plasmacytoma	1	-	X					
Platelet anisocytosis	5	-	X		X			
Platelet count	7	-	X		X			
Platelet count abnormal	3	-	X		X			
Platelet count decreased	482	1	X	X	X	X	X	
Platelet count increased	21	-	X		X	X		
Platelet count normal	2	-	X				X	
Platelet disorder	17	-	X		X		X	
Platelet factor 4	1	-			X			
Platelet morphology abnormal	1	-	X					
Plateletcrit	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Platybasia	1	-			X			
Pleocytosis	4	-	X					
Pleomorphic leiomyosarcoma	1	-	X					
Plethoric face	1	-	X					
Pleural effusion	113	1	X		X	X	X	
Pleural infection	2	-	X				X	
Pleural rub	2	-	X		X			
Pleural thickening	1	-	X					
Pleurisy	116	-	X	X	X		X	
Pleurisy viral	3	-	X		X			
Pleuritic pain	86	-	X		X	X	X	
Pleuropericarditis	2	-			X		X	
Plicated tongue	8	-	X		X			
Pneumocystis jirovecii pneumonia	3	-	X		X			
Pneumonia	522	58	X	X	X	X	X	
Pneumonia aspiration	31	15	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	82	3	X		X	X	X	
Pneumoperitoneum	1	-	X					
Pneumothorax	32	-	X		X			
Pneumothorax spontaneous	8	-	X		X			
PO2 decreased	1	-			X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
POEMS syndrome	1	-			X			
Poikilocytosis	1	-	X					
Poikilothermia	1	-			X			
Poisoning	22	-	X		X			
Pollakiuria	568	-	X	X	X	X	X	
Polyarthritis	46	-	X		X	X	X	
Polychondritis	5	-	X		X			
Polychromasia	6	-	X		X			
Polycystic ovaries	108	-	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	2,027	-	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	11	-	X		X			
Polymyalgia rheumatica	275	-	X	X	X	X	X	
Polymyositis	16	-	X		X			
Polyneuropathy	24	-	X		X		X	
Polyneuropathy chronic	2	-	X					
Polyp	14	-	X		X		X	
Polypectomy	1	-					X	
Polyuria	46	-	X		X	X	X	
Poor feeding infant	36	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Poor peripheral circulation	92	-	X	X	X		X	
Poor quality product administered	10	-	X		X		X	
Poor quality sleep	1,093	-	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 phlebitis	2	-	X					
Portal vein thrombosis	93	4	X	X	X		X	
Portosplenomesenteric venous thrombosis	3	-	X		X			
Positron emission tomogram abnormal	1	-			X			
Post cardiac arrest syndrome	1	-			X			
Post coital contraception	1	-					X	
Post concussion syndrome	4	-	X		X			
Post herpetic neuralgia	38	-	X		X		X	
Post laminectomy syndrome	1	-			X			
Post lumbar puncture syndrome	11	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	10	-	X		X		X	
Post viral fatigue syndrome	253	-	X	X	X	X	X	
Post-acute COVID-19 syndrome	76	-	X	X	X	X	X	
Posterior fossa decompression	1	-			X			
Posterior fossa syndrome	1	-	X					
Posterior reversible encephalopathy syndrome	6	-	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	486	-	X	X	X	X	X	
Postmenopause	26	-	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	27	-	X	X	X		X	
Postural orthostatic tachycardia syndrome	137	-	X	X	X	X	X	
Postural tremor	2	-	X					
Posture abnormal	5	-	X		X			
Potentiating drug interaction	2	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Poverty of speech	1	-	X					
Precipitate labour	1	-	X					
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	12	1	X		X		X	
Premature delivery	1	-			X			
Premature ejaculation	5	-	X		X			
Premature labour	18	-	X		X		X	
Premature menarche	41	-	X		X		X	
Premature menopause	96	-	X		X		X	
Premature ovulation	13	-	X		X		X	
Premature rupture of membranes	6	-	X		X			
Premature separation of placenta	6	-			X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Premenstrual dysphoric disorder	23	-	X		X		X	
Premenstrual pain	296	-	X		X		X	
Premenstrual syndrome	237	-	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	1,733	-	X	X	X	X	X	
Preterm premature rupture of membranes	5	-	X		X			
Prevertebral soft tissue swelling of cervical space	1	-	X					
Priapism	4	-	X				X	
Primary cough headache	8	-	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					
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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Proctitis ulcerative	2	-			X			
Product administered at inappropriate site	89	-	X		X	X	X	X
Product administered to patient of inappropriate age	38	-	X		X	X	X	
Product administration error	57	-	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			
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 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	64	-	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 name confusion	2	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Product odour abnormal	6	-	X		X			
Product origin unknown	9	-	X		X			
Product package associated injury	1	-				X		
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	8	-	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	19	-	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	63	-	X	X	X			
Product used for unknown indication	4	-	X		X			
Productive cough	514	-	X	X	X	X	X	
Progesterone decreased	3	-	X		X			
Progressive bulbar palsy	1	-			X			
Progressive facial hemiatrophy	1	-	X					
Progressive multiple sclerosis	2	-	X				X	
Prolapse	3	-	X		X			
Prolonged labour	1	-	X					
Promotion of wound healing	2	-	X		X			
Prone position	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Prophylaxis against gastrointestinal ulcer	1	-	X					
Prophylaxis against transplant rejection	1	-			X			
Prophylaxis of nausea and vomiting	49	-	X		X	X	X	
Prosopagnosia	1	-	X					
Prostate cancer	16	-	X		X			
Prostate infection	2	-			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	14	-	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			
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	32	-	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	2	-	X					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pruritus	20,024	-	X	X	X	X	X	
Pruritus allergic	1	-	X					
Pruritus genital	19	-	X		X			
Pseudodementia	1	-	X					
Pseudofolliculitis	5	-	X		X			
Pseudohallucination	1	-	X					
Pseudolymphoma	13	-	X		X			
Pseudomonas infection	2	-	X		X			
Pseudostroke	6	-	X		X			
Psoas abscess	1	-			X			
Psoriasis	706	-	X	X	X	X	X	
Psoriasis area severity index decreased	3	-	X		X			
Psoriasis area severity index increased	4	-	X	X	X			
Psoriatic arthropathy	80	-	X		X	X	X	
Psychiatric symptom	36	-	X		X		X	
Psychogenic seizure	19	-	X	X	X		X	
Psychogenic tremor	2	-	X					
Psychological factor affecting medical condition	1	-			X			
Psychological trauma	10	-	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	95	1	X		X		X	
Psychotic symptom	1	-	X					
Pubic pain	4	-	X		X		X	
Pudendal canal syndrome	3	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pulmonary alveolar haemorrhage	2	-	X		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	52	-	X		X	X	X	
Pulmonary embolism	2,567	176	X	X	X	X	X	X
Pulmonary fibrosis	28	-	X		X			
Pulmonary function test	8	-	X		X			
Pulmonary function test decreased	10	-	X		X		X	
Pulmonary haemorrhage	9	1	X		X		X	
Pulmonary hilum mass	2	-	X		X			
Pulmonary hypertension	11	1	X	X	X		X	
Pulmonary hypoperfusion	1	-						
Pulmonary hypoplasia	1	-			X			
Pulmonary infarction	23	1	X		X	X		
Pulmonary mass	21	-	X		X		X	
Pulmonary oedema	80	3	X		X		X	
Pulmonary oil microembolism	2	-	X					
Pulmonary pain	416	-	X	X	X	X	X	
Pulmonary sarcoidosis	8	-	X		X		X	
Pulmonary sepsis	1	-	X					
Pulmonary thrombosis	50	10	X	X	X		X	
Pulmonary toxicity	1	-			X			
Pulmonary tuberculosis	3	-	X		X			
Pulmonary vascular disorder	1	-	X					
Pulmonary vasculitis	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	113	- 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			
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	253	- X	X	X	X	X	X	X
Purpura non-thrombocytopenic	5	- X			X			
Purpura senile	3	-			X	X		
Purulent discharge	1	-			X			
Pustular psoriasis	16	- X			X			
Pustule	62	- X			X		X	
Pyelonephritis	13	- X			X	X		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Pyelonephritis acute	1	-	X					
Pyelonephritis chronic	1	-	X					
Pylorospasm	1	-			X			
Pyoderma	3	-	X		X		X	
Pyoderma gangrenosum	5	-	X		X			
Pyogenic granuloma	1	-			X			
Pyometra	2	-	X					
Pyrexia	91,791	1	X	X	X	X	X	X
Pyromania	1	-	X					
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	-	X		X		X	
Quality of life decreased	16	-	X		X			
Rabies	-	1					X	
Radial nerve injury	4	-	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	58	-	X		X		X	
Radiculopathy	15	-	X		X		X	
Rales	10	-	X		X	X		
Rapid eye movements sleep abnormal	4	-	X					
Rash	21,578	1	X	X	X	X	X	X

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Rash erythematous	5,301	- X	X	X	X	X	X	X
Rash follicular	4	- X						
Rash macular	1,695	- X	X	X	X	X	X	X
Rash maculo-papular	154	- X			X	X	X	
Rash morbilliform	114	- X			X		X	
Rash papular	1,273	- X	X	X	X	X	X	
Rash pruritic	4,282	- X	X	X	X	X	X	X
Rash pustular	37	- X			X		X	
Rash rubelliform	1	- X						
Rash scarlatiniform	3	- X			X			
Rash vesicular	225	- X	X	X	X	X	X	
Raynaud's phenomenon	284	- X	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	23	- X			X			
Reaction to previous exposure to any vaccine	1	- X						
Reactive perforating collagenosis	1	-			X			
Reading disorder	7	- X			X	X		
Rebound eczema	1	- X						
Rebound effect	4	- X			X		X	
Rebound psoriasis	3	-			X		X	
Rebound psychosis	1	- X						
Recall phenomenon	3	- X			X			
Rectal abscess	1	-			X			
Rectal cancer	2	-			X			
Rectal discharge	4	- X			X			
Rectal haemorrhage	242	- X	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Rectal injury	1	-			X			
Rectal prolapse	2	-	X		X			
Rectal spasm	3	-	X		X			
Rectal tenesmus	3	-	X		X			
Recurrent cancer	1	-	X					
Red blood cell abnormality	6	-	X		X			
Red blood cell count	3	-	X					
Red blood cell count decreased	6	-	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	-						
Red cell fragmentation syndrome	1	-	X					
Red ear syndrome	8	-	X		X		X	
Reduced facial expression	21	-	X		X		X	
Reflexes abnormal	4	-	X		X			
Reflux gastritis	33	-	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	3	-	X					
Regurgitation	8	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	2	-	X					
Renal atrophy	4	-	X		X			
Renal cancer	6	-	X		X			
Renal cell carcinoma	1	-			X			
Renal colic	9	-	X		X			
Renal cortical necrosis	1	-	X					
Renal cyst	4	-	X		X			
Renal disorder	34	1	X		X		X	
Renal dysplasia	1	-			X			
Renal embolism	1	-	X					
Renal failure	92	4	X	X	X	X	X	
Renal haemorrhage	5	-	X		X			
Renal impairment	79	-	X	X	X	X	X	
Renal infarct	23	1	X		X			
Renal injury	16	1	X		X		X	
Renal ischaemia	2	-	X					
Renal mass	1	-			X			
Renal neoplasm	1	1			X		X	
Renal pain	1,510	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Renal tubular injury	1	-	X					
Renal tubular necrosis	2	-			X			
Renal vascular thrombosis	2	-	X					
Renal vasculitis	3	1	X		X			
Renal vein embolism	1	-	X					
Renal vein occlusion	4	-	X			X		
Renal vein thrombosis	11	-	X				X	
Renin	1	-			X			
Repetitive speech	10	-	X		X	X		
Repetitive strain injury	3	-	X					
Reproductive hormone	1	-	X					
Reproductive system disorder prophylaxis	2	-	X		X			
Respiration abnormal	234	-	X	X	X	X	X	
Respiratory acidosis	2	-			X			
Respiratory arrest	57	1	X		X		X	
Respiratory depression	1	-			X			
Respiratory disorder	34	1	X	X	X	X	X	
Respiratory distress	39	-	X		X		X	
Respiratory failure	50	6	X		X	X	X	
Respiratory fatigue	8	-	X					
Respiratory fremitus	1	-			X			
Respiratory moniliasis	1	-			X			
Respiratory muscle weakness	5	-	X		X		X	
Respiratory rate	29	-	X		X		X	
Respiratory rate decreased	69	-	X		X		X	
Respiratory rate increased	153	-	X	X	X	X	X	
Respiratory symptom	53	-	X		X		X	
Respiratory syncytial virus test positive	2	-			X		X	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Respiratory therapy	1	-	X					
Respiratory tract congestion	17	-	X		X		X	
Respiratory tract haemorrhage	4	-	X		X			
Respiratory tract infection	32	1	X		X		X	
Respiratory tract inflammation	2	-			X			
Respiratory tract irritation	23	-	X		X	X	X	
Respiratory tract oedema	9	-	X		X	X		
Resting tremor	16	-	X		X		X	
Restless arm syndrome	19	-	X		X			
Restless legs syndrome	672	-	X	X	X	X	X	
Restlessness	768	-	X	X	X	X	X	
Restrictive cardiomyopathy	1	-					X	
Retained placenta or membranes	2	-			X			
Retching	416	-	X	X	X	X	X	
Retinal aneurysm	2	-	X					
Retinal artery embolism	5	-	X					
Retinal artery occlusion	49	-	X	X	X			
Retinal artery thrombosis	2	-			X			
Retinal degeneration	2	-	X		X			
Retinal deposits	1	-				X		
Retinal detachment	47	-	X	X	X		X	
Retinal disorder	4	-	X		X			
Retinal drusen	2	-	X					
Retinal exudates	21	-	X	X	X			
Retinal fovea disorder	1	-	X					
Retinal function test abnormal	1	-	X					
Retinal haemorrhage	41	-	X	X	X	X	X	
Retinal infarction	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Retinal injury	7	-	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	25	-	X		X			
Retinal toxicity	9	-	X		X			
Retinal vascular occlusion	3	-	X					
Retinal vascular thrombosis	6	-	X		X			
Retinal vasculitis	4	-	X		X			
Retinal vein occlusion	198	-	X	X	X		X	
Retinal vein thrombosis	11	-	X		X			
Retinal vein varices	1	-	X					
Retinal vessel avulsion	1	-	X					
Retinal white dots syndrome	1	-	X					
Retinitis	6	-	X					
Retinitis pigmentosa	1	-			X			
Retinopathy	13	-	X		X			
Retinopexy	2	-		X	X			
Retirement	11	-	X		X		X	
Retracted nipple	1	-					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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Retroperitoneal lymphadenopathy	2	-			X			
Retroplacental haematoma	1	-			X			
Reversed hot-cold sensation	5	-	X		X			
Reversible airways obstruction	2	-	X		X			
Reversible cerebral vasoconstriction syndrome	6	-	X		X			
Reye's syndrome	1	-	X					
Reynold's syndrome	13	-	X		X		X	
Rhabdomyolysis	26	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	471	-	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	176	-	X	X	X	X	X	
Rhinitis	128	-	X	X	X		X	
Rhinitis allergic	62	-	X		X	X	X	
Rhinitis perennial	1	-	X					
Rhinorrhoea	3,119	-	X	X	X	X	X	
Rhinovirus infection	2	-			X			
Rib fracture	1	-	X					
Right atrial dilatation	2	-	X					
Right atrial enlargement	1	-			X			
Right atrial volume abnormal	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Right ventricular dilatation	4	-	X		X			
Right ventricular dysfunction	7	-	X		X			
Right ventricular enlargement	1	-			X			
Right ventricular failure	6	1	X		X			
Risk of future pregnancy miscarriage	2	-	X		X			
Road traffic accident	2	-	X					
Romberg test positive	2	-		X		X		
Rosacea	104	-	X	X	X	X	X	
Rotator cuff syndrome	185	-	X	X	X	X	X	
Rotavirus infection	1	-	X					
Rouleaux formation	1	-	X					
Rubber sensitivity	4	-	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	21	-	X		X		X	
Saliva discolouration	1	-	X					
Salivary gland calculus	4	-	X					
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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Salivary gland neoplasm	2	-			X			
Salivary gland pain	32	-	X	X	X		X	
Salivary hypersecretion	167	-	X		X		X	
Salt craving	7	-	X		X		X	
Salt intoxication	1	-			X			
Sarcoidosis	59	-	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	56	-	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	
SARS-CoV-2 sepsis	1	-	X					
SARS-CoV-2 test	72	-	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	245	-	X		X	X	X	
Scab	75	-	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	106	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Scar discomfort	2	-	X		X			
Scar inflammation	5	-	X		X		X	
Scar pain	48	-	X		X		X	
Scarlet fever	2	-	X		X			
Schizoaffective disorder	1	-	X					
Schizophrenia	3	1	X		X		X	
Schwannoma	1	-	X					
Sciatic hernia	1	-			X			
Sciatic nerve injury	4	-	X		X		X	
Sciatic nerve neuropathy	8	-	X		X		X	
Sciatica	450	-	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	24	-	X		X		X	
Scleritis allergic	1	-				X		
Scleroderma	9	-	X		X			
Scleroderma associated digital ulcer	1	-			X			
Scoliosis	8	-	X		X		X	
Scratch	19	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Scrotal oedema	1	-	X					
Scrotal pain	51	-	X	X	X		X	
Scrotal swelling	14	-	X		X		X	
Scrotum erosion	1	-			X			
Seasonal allergy	291	-	X		X	X	X	
Sebaceous glands overactivity	2	-	X		X			
Seborrhoea	34	-	X		X		X	
Seborrhoeic dermatitis	33	-	X		X	X	X	
Seborrhoeic keratosis	4	-	X		X			
Second primary malignancy	1	-			X			
Secondary adrenocortical insufficiency	1	-	X					
Secondary hypertension	2	-	X		X			
Secondary tic	2	-	X					
Secondary transmission	26	-	X		X		X	
Secretion discharge	69	-	X	X	X	X	X	
Sedation	28	-	X		X			
Sedation complication	5	-	X		X			
Seizure	2,735	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					
Self-injurious ideation	5	-	X		X			
Self-medication	1	-	X					
Semen analysis abnormal	3	-	X		X		X	
Semen discolouration	3	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Semen volume decreased	2	-	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	139	-	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	1,032	-	X	X	X	X	X	
Sensitivity to weather change	3	-	X					
Sensorimotor disorder	2	-	X					
Sensory disturbance	368	-	X	X	X	X	X	
Sensory level	3	-			X		X	
Sensory level abnormal	1	-	X					
Sensory loss	445	-	X	X	X	X	X	
Sensory overload	18	-	X		X		X	
Sensory processing disorder	4	-	X		X			
Separation anxiety disorder	1	-					X	
Sepsis	206	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	10	5	X		X		X	
Serology test	1	-	X					
Seroma	1	-			X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Seronegative arthritis	10	-	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	2	-			X			
Serum ferritin decreased	15	-	X		X			
Serum ferritin increased	15	-	X		X		X	
Serum serotonin increased	1	-	X					
Serum sickness	21	-	X		X		X	
Serum sickness-like reaction	23	-	X	X	X	X	X	
Severe acute respiratory syndrome	9	-	X		X			
Severe asthma with fungal sensitisation	8	-	X		X			
Severe cutaneous adverse reaction	5	-	X		X		X	
Severe fever with thrombocytopenia syndrome	2	-	X					
Sexual dysfunction	27	-	X		X		X	
Sexual inhibition	1	-			X			
Sexually inappropriate behaviour	1	-	X					
Shagreen skin	1	-			X			
Shock	98	1	X		X	X	X	
Shock haemorrhagic	1	-	X					
Shock symptom	10	-	X		X			
Shoulder deformity	7	-			X		X	
Shoulder injury related to vaccine administration	238	-	X	X	X	X	X	
Shoulder operation	3	-	X					
Shunt blood flow excessive	1	-			X			
Sialoadenitis	8	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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					
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	38	-	X	X	X		X	
Sinus arrest	2	-	X		X			
Sinus arrhythmia	16	-	X		X		X	
Sinus bradycardia	25	-	X	X	X			
Sinus congestion	194	-	X	X	X	X	X	
Sinus disorder	43	-	X	X	X	X	X	
Sinus headache	1,549	-	X	X	X	X	X	
Sinus node dysfunction	6	-	X		X	X		
Sinus pain	968	-	X	X	X	X	X	
Sinus polyp	3	-	X					
Sinus polyp degeneration	1	-			X			
Sinus rhythm	22	-	X		X		X	
Sinus tachycardia	201	-	X	X	X	X	X	
Sinusitis	710	-	X	X	X	X	X	
Sinusitis bacterial	2	-			X			
Sinusoidal foetal heart rate pattern	1	-				X		
Sitting disability	9	-	X		X			
Sjogren-Larsson syndrome	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Sjogren's syndrome	16	- X			X			
Skeletal injury	1	- X						
Skin abrasion	15	- X			X		X	
Skin atrophy	20	- X			X		X	
Skin bacterial infection	12	- X			X		X	
Skin burning sensation	1,000	- X	X	X	X	X	X	
Skin cancer	17	- X	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	488	- X	X	X	X	X	X	
Skin discomfort	14	- X			X		X	
Skin disorder	105	- X	X	X	X		X	
Skin erosion	104	- X	X	X	X	X	X	
Skin exfoliation	413	- X	X	X	X	X	X	
Skin fissures	37	- X	X	X	X			
Skin fragility	3	- X						
Skin graft	1	- X						
Skin haemorrhage	91	- X			X	X	X	
Skin hyperpigmentation	20	- X			X		X	
Skin hypertrophy	7	- X			X			
Skin hypopigmentation	6	- X			X		X	
Skin indentation	23	- X			X			
Skin induration	33	- X			X		X	
Skin infection	131	- X	X	X	X		X	
Skin injury	37	- X			X	X	X	
Skin irritation	394	- X			X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Skin laceration	12	-	X		X		X	
Skin laxity	2	-	X		X			
Skin lesion	166	-	X	X	X	X	X	
Skin lesion inflammation	1	-			X			
Skin mass	103	-	X		X	X	X	
Skin necrosis	14	-	X		X		X	
Skin neoplasm excision	1	-	X					
Skin odour abnormal	93	-	X		X	X	X	
Skin oedema	8	-	X		X			
Skin papilloma	69	-	X		X		X	
Skin plaque	10	-	X	X	X		X	
Skin pressure mark	2	-	X		X			
Skin procedural complication	2	-	X		X			
Skin reaction	619	-	X	X	X	X	X	
Skin sensitisation	156	-	X	X	X	X	X	
Skin striae	21	-	X		X			
Skin swelling	272	-	X	X	X	X	X	
Skin temperature	262	-	X	X	X	X	X	
Skin test	1	-	X					
Skin test positive	10	-	X		X			
Skin texture abnormal	6	-	X		X		X	
Skin tightness	82	-	X		X		X	
Skin ulcer	75	-	X		X		X	
Skin warm	1,253	-	X	X	X	X	X	
Skin weeping	40	-	X		X		X	
Skin wound	16	-	X		X	X	X	
Skin wrinkling	13	-	X		X		X	
Skull fracture	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Skull X-ray	18	-	X		X			
Sleep apnoea syndrome	70	-	X		X		X	
Sleep attacks	5	-	X		X			
Sleep deficit	78	-	X		X	X	X	
Sleep disorder	890	-	X	X	X	X	X	
Sleep disorder due to a general medical condition	1	-	X					
Sleep disorder due to general medical condition, insomnia type	9	-	X		X	X		
Sleep inertia	3	-	X		X		X	
Sleep paralysis	65	-	X		X		X	
Sleep study normal	1	-	X					
Sleep talking	28	-	X		X	X	X	
Sleep terror	108	-	X	X	X	X	X	
Sleep-related eating disorder	2	-	X					
Slow response to stimuli	16	-	X		X	X		
Slow speech	79	-	X		X	X	X	
Slow vital capacity	1	-	X					
Sluggishness	56	-	X	X	X	X	X	
Small cell lung cancer	4	-	X	X	X			
Small cell lung cancer metastatic	-	1	X					
Small fibre neuropathy	27	-	X		X		X	
Small for dates baby	1	-			X			
Small intestinal haemorrhage	33	-	X		X		X	
Small intestinal obstruction	4	-	X		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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Smallpox	1	-			X			
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	1,169	-	X	X	X	X	X	
Snoring	15	-	X		X	X		
Social (pragmatic) communication disorder	1	-			X			
Social anxiety disorder	4	-	X		X			
Social avoidant behaviour	15	-	X		X		X	
Social fear	4	-	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	
Solar dermatitis	3	-	X		X			
Solar lentigo	12	-	X		X		X	
Solar urticaria	5	-	X		X			
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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Somatic symptom disorder	4	-	X		X			
Somatic symptom disorder of pregnancy	5	-	X		X		X	
Somnambulism	26	-	X		X	X	X	
Somnolence	3,788	1	X	X	X	X	X	X
Specialist consultation	2	-	X		X			
Speech disorder	284	-	X	X	X	X	X	X
Speech disorder developmental	7	-	X		X			
Speech sound disorder	3	-	X		X			
Sperm concentration	3	-	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			
Spinal cord abscess	2	-	X		X			
Spinal cord disorder	8	-	X					
Spinal cord haematoma	1	-	X					
Spinal cord infarction	2	-	X		X			
Spinal cord injury	6	-	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					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Spinal cord paralysis	2	-	X		X			
Spinal decompression	1	-			X			
Spinal disorder	9	-	X		X			
Spinal fracture	13	-	X		X			
Spinal muscular atrophy	1	-	X					
Spinal operation	1	-	X					
Spinal osteoarthritis	16	-	X		X			
Spinal pain	437	-	X	X	X	X	X	
Spinal rod insertion	1	-	X					
Spinal stenosis	6	-	X		X			
Spinal stroke	9	-	X		X			
Spirometry abnormal	1	-			X			
Spleen atrophy	1	-			X			
Spleen disorder	3	-	X		X			
Splenectomy	1	-			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	15	-	X		X		X	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Splenomegaly	21	-	X		X			
Splenorenal shunt	1	-	X					
Splinter	1	-			X			
Splinter haemorrhages	13	-	X		X	X		
Spondylitis	15	-	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	36	-	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					
Staphylococcal infection	10	-	X		X			
Staphylococcal scalded skin syndrome	1	-	X					
Staphylococcal sepsis	4	1	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Staphylococcus test	1	-	X					
Staphylococcus test positive	1	-	X					
Staring	23	-	X		X		X	
Starvation	1	-	X					
Stasis dermatitis	11	-	X		X			
Status epilepticus	100	2	X		X		X	
Status migrainosus	5	-	X					
Steatorrhoea	7	-	X		X	X		
Stenosis	4	-	X		X			
Stent malfunction	2	-	X			X		
Stent placement	2	-	X		X			
Stereotypy	1	-			X			
Sternal fracture	1	-					X	
Steroid diabetes	1	-	X					
Steroid therapy	2	-	X					
Stevens-Johnson syndrome	16	-	X		X		X	
Sticky skin	13	-	X		X	X		
Stiff leg syndrome	14	-	X		X		X	
Stiff person syndrome	1	-	X					
Stiff tongue	11	-	X		X		X	
Stillbirth	2	25	X	X	X	X	X	
Still's disease	12	-	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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Stoma site pain	2	- X						
Stoma site rash	1	- X						
Stomach mass	9	- X			X		X	
Stomach scan	1	- X						
Stomatitis	197	- 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			
Streptococcal infection	7	- X			X			
Streptococcal sepsis	3	- X			X		X	
Streptococcus test positive	2	- X				X		
Stress	365	- X	X	X	X	X	X	
Stress at work	5	- X			X			
Stress cardiomyopathy	16	- X	X	X	X		X	
Stress fracture	4	- X						
Stress management	1	-			X			
Stress polycythaemia	4	- X					X	
Stress ulcer	1	-					X	
Stress urinary incontinence	5	- X			X		X	
Stridor	55	- X	X	X	X		X	
Stroke in evolution	2	- X			X			
Stroke volume decreased	3	- X			X			
Stroke volume increased	4	- X						
Struck by lightning	2	- X					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Stupor	18	-	X	X	X		X	
Subacute combined cord degeneration	1	-	X					
Subacute cutaneous lupus erythematosus	5	-	X		X			
Subacute hepatic failure	3	-	X					
Subacute inflammatory demyelinating polyneuropathy	5	-	X		X			
Subarachnoid haematoma	4	-	X		X			
Subarachnoid haemorrhage	151	17	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	24	-	X		X			
Subcutaneous haematoma	7	-	X		X		X	
Subdural abscess	1	-			X			
Subdural haematoma	31	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	-	80	X	X	X		X	
Sudden hearing loss	162	-	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	228	- X	X	X	X	X	X	
Suicide attempt	48	- X			X	X	X	
Suicide threat	3	- X			X			
Sunburn	98	- X			X		X	
Superficial injury of eye	2	- X			X			
Superficial vein prominence	13	- X			X			
Superficial vein thrombosis	120	- X	X	X	X	X	X	
Superinfection	1	-			X			
Superior mesenteric artery syndrome	1	- X						
Superior sagittal sinus thrombosis	39	3 X			X	X		
Superior vena cava syndrome	2	- X						
Superovulation	2	-			X			
Suppressed lactation	90	- X			X		X	
Suprapubic pain	2	- X			X			
Supraventricular extrasystoles	15	- X	X	X	X	X	X	
Supraventricular tachycardia	117	- X	X	X	X	X	X	
Surgery	2	- X						
Surgical failure	1	-						
Suspected counterfeit product	2	- X						
Suspected COVID-19	214	4 X	X	X	X	X	X	
Suspected product contamination	2	- X					X	
Suspected product quality issue	2	- X						
Suspected suicide attempt	1	-				X		
Suspiciousness	1	-			X			
Suture related complication	1	- X						
Swallow study	4	- X				X		
Sweat discolouration	4	- X			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Sweat gland disorder	1	-	X					
Sweat gland infection	1	-			X			
Sweat test	5	-	X		X			
Sweating fever	965	-	X	X	X	X	X	
Swelling	8,209	-	X	X	X	X	X	
Swelling face	2,577	-	X	X	X	X	X	X
Swelling of eyelid	347	-	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	1,368	-	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			
Synaesthesia	2	-			X			
Syncope	7,485	-	X	X	X	X	X	X
Synkinesis	3	-			X			
Synovial cyst	47	-	X		X		X	
Synovial rupture	2	-	X					
Synovitis	44	-	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		

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Systemic inflammatory response syndrome	22	-	X	X	X		X	
Systemic lupus erythematosus	90	-	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	8	-	X	X	X		X	X
Systemic toxicity	3	-	X				X	
Systolic dysfunction	2	-	X		X			
Systolic hypertension	11	-	X		X	X		
Tachyarrhythmia	29	-	X		X	X	X	
Tachycardia	5,773	1	X	X	X	X	X	X
Tachycardia foetal	2	-			X		X	
Tachycardia paroxysmal	2	-			X	X		
Tachyphrenia	42	-	X	X	X	X	X	
Tachypnoea	84	-	X	X	X		X	
Tanning	2	-	X					
Tardive dyskinesia	3	-	X		X			
Target skin lesion	6	-	X	X	X			
Taste disorder	950	-	X	X	X	X	X	
Tattoo	3	-	X		X		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	180	-	X	X	X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Temperature perception test abnormal	1	-			X			
Temperature perception test increased	1	-			X			
Temperature regulation disorder	53	-	X		X		X	
TEMPI syndrome	2	-			X			
Temporal lobe epilepsy	9	-	X		X			
Temporomandibular joint syndrome	48	-	X	X	X		X	
Tender joint count	5	-	X				X	
Tender joint count increased	1	-				X		
Tenderness	2,868	-	X	X	X	X	X	
Tendon calcification	2	-	X			X		
Tendon discomfort	4	-	X					
Tendon disorder	20	-	X		X		X	
Tendon injury	19	-	X		X	X	X	
Tendon pain	95	-	X	X	X		X	
Tendon rupture	63	-	X		X		X	
Tendon sheath disorder	1	-	X					
Tendonitis	220	-	X	X	X	X	X	
Tenodesis	2	-			X	X		
Tenosynovitis	7	-	X		X			
Tenosynovitis stenosans	6	-	X		X			
Tension	134	-	X	X	X	X	X	
Tension headache	2,455	-	X	X	X	X	X	
Term birth	1	-			X			
Terminal ileitis	1	-	X					
Terminal insomnia	75	-	X		X		X	
Terminal state	1	-			X			
Testes exploration	1	-	X					
Testicle adenoma	2	-	X					



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Testicular atrophy	2	- X			X			
Testicular cyst	2	- X			X			
Testicular disorder	15	- X			X		X	
Testicular mass	2	- X					X	
Testicular oedema	3	- X			X			
Testicular pain	224	- X	X	X	X	X	X	
Testicular retraction	3	- X						
Testicular swelling	48	- X			X		X	
Testicular torsion	1	-			X			
Testis cancer	1	-			X			
Testis discomfort	9	- X			X			
Tetanus	6	- X			X			
Tetany	7	- X			X			
Thalamic infarction	4	- X			X			
Thalamus haemorrhage	11	- X						
Thanatophobia	1	- X						
Therapeutic hypothermia	2	- X						
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	4	- X			X			
Therapeutic response delayed	1	- X						

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Therapeutic response shortened	2	-	X					
Therapeutic response unexpected	310	-	X		X		X	
Therapeutic skin care topical	1	-			X			
Therapy change	6	-	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	63	-	X	X	X	X	X	
Thirst	1,950	-	X	X	X	X	X	
Thirst decreased	14	-	X		X		X	
Thoracic outlet syndrome	4	-	X		X			
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	21	-	X		X	X	X	
Throat irritation	567	-	X	X	X	X	X	X
Throat lesion	3	-	X		X			
Throat tightness	631	-	X	X	X	X	X	
Thrombectomy	3	-	X					
Thrombin time	1	-	X					
Thrombin time abnormal	2	-	X					
Thromboangiitis obliterans	1	-			X			
Thrombocytopenia	1,274	11	X	X	X	X	X	
Thrombocytopenic purpura	23	-	X		X		X	
Thrombocytosis	25	-	X	X	X			
Thromboembolism	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Thrombolysis	4	-	X					
Thrombophlebitis	218	-	X	X	X	X	X	
Thrombophlebitis migrans	2	-	X					
Thrombosis	2,739	60	X	X	X	X	X	X
Thrombosis in device	88	1	X		X	X	X	
Thrombosis mesenteric vessel	6	-	X		X			
Thrombosis prophylaxis	2	1	X					
Thrombosis with thrombocytopenia syndrome	54	3	X					
Thrombotic microangiopathy	5	-			X			
Thrombotic stroke	23	1	X		X			
Thrombotic thrombocytopenic purpura	22	-	X		X	X		
Thunderclap headache	87	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	47	-	X		X		X	
Thyroid function test abnormal	5	-	X		X			
Thyroid hormones increased	1	-			X			
Thyroid mass	13	-	X		X			
Thyroid neoplasm	1	-			X			
Thyroid pain	38	-	X		X	X	X	
Thyroiditis	53	-	X		X	X	X	
Thyroiditis acute	15	-	X		X	X	X	
Thyroiditis chronic	2	-	X					
Thyroiditis subacute	24	-	X		X		X	
Thyrotoxic crisis	13	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Thyroxine	3	- X			X			
Thyroxine abnormal	1	- X						
Thyroxine decreased	1	-			X			
Thyroxine free decreased	1	- X						
Thyroxine free increased	2	-			X			
Thyroxine increased	2	- X						
Tibia fracture	2	- X			X			
Tic	51	- 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	9,065	- X	X	X	X	X	X	
Tissue discolouration	1	- X						
Tissue infiltration	1	- X						
Tissue injury	5	- X		X				
Tissue irritation	1	-			X			
Tissue rupture	1	-			X			
Tobacco user	3	- X			X			
Toe amputation	5	- X						
Toe walking	1	-				X		
Tolosa-Hunt syndrome	1	- X						
Tongue abscess	6	- X			X			
Tongue atrophy	1	-			X			
Tongue biting	23	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tongue blistering	51	- X			X		X	
Tongue coated	65	- X	X	X	X		X	
Tongue cyst	9	- X			X			
Tongue discolouration	88	- X			X		X	
Tongue discomfort	122	- X	X	X	X	X	X	
Tongue disorder	95	- X			X	X	X	
Tongue dry	47	- X			X	X	X	
Tongue eruption	28	- X	X	X	X	X	X	
Tongue erythema	21	- X			X			
Tongue exfoliation	7	- X			X		X	
Tongue geographic	16	- X	X	X	X			
Tongue haemorrhage	7	- X			X		X	
Tongue injury	5	- X			X			
Tongue movement disturbance	18	- X			X		X	
Tongue oedema	48	- X			X	X	X	
Tongue paralysis	8	- X			X		X	
Tongue polyp	4	- X			X			
Tongue pruritus	8	- X	X	X	X		X	
Tongue rough	10	- X			X		X	
Tongue spasm	21	- X	X	X	X	X	X	
Tongue ulceration	77	- X			X	X	X	
Tonic clonic movements	13	- X			X		X	
Tonic convulsion	95	- X	X	X	X	X	X	
Tonic posturing	1	-			X			
Tonsil cancer	10	- X			X		X	
Tonsillar cyst	1	-			X			
Tonsillar disorder	1	- X						
Tonsillar erythema	24	- X			X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tonsillar exudate	3	-	X		X		X	
Tonsillar haemorrhage	2	-	X		X			
Tonsillar hypertrophy	194	-	X	X	X	X	X	
Tonsillar inflammation	10	-	X		X		X	
Tonsillar ulcer	3	-	X		X			
Tonsillectomy	1	-	X					
Tonsillitis	264	-	X	X	X	X	X	
Tonsillitis bacterial	3	-			X			
Tonsillitis fungal	1	-	X					
Tonsillitis streptococcal	1	-	X					
Tonsillolith	3	-	X		X			
Tooth abscess	28	-	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	4	-	X		X			
Tooth impacted	2	-	X		X			
Tooth infection	27	-	X		X		X	
Tooth injury	5	-	X		X	X		
Tooth loss	25	-	X		X		X	
Tooth restoration	4	-	X					
Tooth socket haemorrhage	3	-	X		X			
Toothache	644	-	X	X	X	X	X	
Torticollis	26	-	X	X	X			
Total lung capacity decreased	10	-	X		X			
Tourette's disorder	8	-	X		X			
Toxic anterior segment syndrome	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Toxic cardiomyopathy	1	-					X	
Toxic epidermal necrolysis	5	1	X		X			
Toxic shock syndrome	2	-	X					
Toxic shock syndrome staphylococcal	1	-	X					
Toxic skin eruption	2	-			X			
Toxicity to various agents	19	-	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	1	-	X					
Tracheostomy	3	-	X		X			
Tracheostomy infection	1	-			X			
Traction	1	-			X			
Trance	1	-			X			
Transaminases increased	3	-	X					
Transferrin decreased	1	-	X					
Transfusion	3	-	X		X			
Transgender operation	1	-	X					
Transient acantholytic dermatosis	7	-	X		X	X		
Transient global amnesia	38	-	X	X	X		X	
Transient ischaemic attack	870	5	X	X	X	X	X	
Transplant	1	-	X					
Transplant failure	1	-	X					
Transplant rejection	9	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Transposition of the great vessels	2	-	X		X			
Transverse sinus thrombosis	13	-	X		X			
Transvestism	1	-			X			
Traumatic delivery	1	-	X					
Traumatic fracture	1	-	X					
Traumatic haematoma	4	-	X		X			
Traumatic haemothorax	1	-	X					
Traumatic intracranial haemorrhage	1	1	X		X			
Traumatic iritis	1	-	X					
Traumatic lung injury	6	-	X	X	X			X
Traumatic shock	1	-	X					
Treatment failure	33	-	X		X		X	
Treatment noncompliance	2	-	X					
Tremor	13,974	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	16	-	X		X			
Trifascicular block	3	-	X		X			
Trigeminal nerve disorder	11	-	X		X			
Trigeminal neuralgia	285	-	X	X	X	X	X	
Trigeminal neuritis	7	-	X	X	X		X	
Trigeminal palsy	3	-	X		X			
Trigger finger	80	-	X		X		X	
Trigger points	2	-	X		X			
Tri-iodothyronine	1	-			X			
Tri-iodothyronine decreased	13	-	X		X		X	



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Tri-iodothyronine free decreased	1	-			X			
Triple negative breast cancer	5	-	X		X			
Trismus	120	-	X	X	X		X	
Trisomy 18	1	-	X					
Trisomy 21	1	-	X					
Trisomy 8	1	-			X			
Trombidiasis	3	-	X					
Troponin	2	-	X					
Troponin abnormal	2	-			X	X		
Troponin I increased	6	-	X		X		X	
Troponin increased	61	-	X	X	X		X	
Troponin T	1	-	X					
Troponin T increased	4	-	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	17	-	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	64	-	X	X	X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Turner's syndrome	1	-			X			
Twin pregnancy	3	-	X				X	
Tympanic membrane disorder	3	-	X	X	X			
Tympanic membrane perforation	15	-	X	X	X			
Type 1 diabetes mellitus	50	-	X		X		X	
Type 2 diabetes mellitus	17	-	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	24	-	X		X		X	
Typhoid fever	3	-	X		X			
Typical aura without headache	31	-	X	X	X	X	X	
Tyramine reaction	1	-	X					
Ubiquinone	5	-	X		X			
Ubiquinone decreased	2	-	X					
Uhthoff's phenomenon	3	-	X				X	
Ulcer	95	-	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			
Ultrasound abdomen abnormal	1	-				X		
Ultrasound kidney	1	-	X					
Ultrasound kidney normal	1	-			X			
Ultrasound scan	1	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	13	-	X		X	X		
Unhealthy lifestyle	1	-	X					
Unintended pregnancy	6	-	X		X			
Unresponsive to stimuli	206	-	X	X	X		X	
Unwanted pregnancy	1	-			X			
Upper airway obstruction	4	-	X		X			
Upper gastrointestinal haemorrhage	29	1	X		X		X	
Upper limb fracture	7	-	X		X		X	
Upper motor neurone lesion	1	-			X			
Upper respiratory tract congestion	3	-	X		X			
Upper respiratory tract infection	30	-	X	X	X	X	X	
Upper respiratory tract irritation	1	-			X			
Upper-airway cough syndrome	59	-	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			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Urge incontinence	5	-	X		X			
Urinary bladder haemorrhage	25	1	X		X		X	
Urinary bladder rupture	1	-	X					
Urinary hesitation	11	-	X		X			
Urinary incontinence	287	-	X	X	X	X	X	X
Urinary retention	188	-	X	X	X	X	X	
Urinary straining	2	-					X	
Urinary tract candidiasis	1	-			X			
Urinary tract discomfort	4	-	X		X			
Urinary tract disorder	17	-	X		X			
Urinary tract infection	628	-	X	X	X	X	X	
Urinary tract infection bacterial	7	-	X		X		X	
Urinary tract infection viral	1	-				X		
Urinary tract inflammation	2	-			X		X	
Urinary tract pain	26	-	X	X	X		X	
Urine abnormality	41	-	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	47	-	X		X		X	
Urine ketone body	1	-			X			
Urine ketone body present	4	-	X		X			
Urine leukocyte esterase positive	1	-			X			
Urine odour abnormal	39	-	X		X		X	
Urine osmolarity	1	-			X			
Urine output	80	-	X		X	X	X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	
Urticaria	6,455	-	X	X	X	X	X	
Urticaria aquagenic	1	-					X	
Urticaria cholinergic	5	-	X		X		X	
Urticaria chronic	120	-	X	X	X	X	X	
Urticaria contact	5	-	X		X		X	
Urticaria papular	12	-	X		X		X	
Urticaria pigmentosa	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	6	-	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	144	-	X	X	X	X	X	
Uterine hypertonus	11	-			X		X	
Uterine inflammation	1	-			X			
Uterine irritability	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Uterine leiomyoma	49	-	X		X		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	138	-	X	X	X		X	
Uvulitis	13	-	X		X		X	
Vaccination complication	11	-	X		X	X	X	
Vaccination error	19	-	X		X	X		
Vaccination failure	229	-	X		X		X	
Vaccination site abscess	21	-	X		X		X	
Vaccination site anaesthesia	1	-			X			
Vaccination site atrophy	1	-	X					
Vaccination site bruising	327	-	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			
Vaccination site discharge	2	-	X		X			
Vaccination site discolouration	38	-	X		X		X	
Vaccination site discomfort	114	-	X		X	X	X	
Vaccination site dryness	3	-	X		X			
Vaccination site eczema	2	-			X		X	
Vaccination site erythema	1,784	-	X	X	X	X	X	X
Vaccination site extravasation	1	-	X					
Vaccination site granuloma	13	-	X		X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaccination site haematoma	4	-	X		X			
Vaccination site haemorrhage	55	-	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	180	-	X		X	X	X	
Vaccination site infection	45	-	X	X	X		X	
Vaccination site inflammation	150	-	X		X	X	X	
Vaccination site injury	6	-	X		X			
Vaccination site irritation	34	-	X	X	X		X	
Vaccination site joint discomfort	5	-	X		X			
Vaccination site joint erythema	20	-	X	X	X		X	
Vaccination site joint inflammation	3	-	X		X			
Vaccination site joint movement impairment	51	-	X		X	X	X	
Vaccination site joint pain	110	-	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	1,027	-	X	X	X	X	X	
Vaccination site movement impairment	250	-	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	5,249	-	X	X	X	X	X	X
Vaccination site papule	9	-	X		X		X	
Vaccination site paraesthesia	25	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaccination site phlebitis	1	-			X			
Vaccination site photosensitivity reaction	1	-			X			
Vaccination site pruritus	403	-	X	X	X	X	X	
Vaccination site pustule	10	-	X		X		X	
Vaccination site rash	519	-	X	X	X	X	X	X
Vaccination site reaction	75	-	X		X		X	
Vaccination site scab	7	-	X		X			
Vaccination site scar	12	-	X		X		X	
Vaccination site swelling	1,469	-	X	X	X	X	X	X
Vaccination site thrombosis	1	-			X			
Vaccination site ulcer	3	-			X			
Vaccination site urticaria	39	-	X		X	X	X	
Vaccination site vesicles	32	-	X		X	X	X	
Vaccination site warmth	869	-	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 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	3,717	-	X	X	X	X	X	
Vaginal infection	10	-	X		X		X	
Vaginal lesion	8	-	X		X			



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vaginal mucosal blistering	2	-	X		X			
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	4	-	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	8	-	X		X		X	
Varicophlebitis	17	-	X		X		X	
Varicose ulceration	1	-	X					
Varicose vein	220	-	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				
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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vascular injury	25	-	X		X	X	X	
Vascular occlusion	4	-	X		X			
Vascular pain	199	-	X		X	X	X	
Vascular parkinsonism	2	-	X				X	
Vascular pseudoaneurysm	2	-	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	208	2	X	X	X	X	X	
Vasoconstriction	3	-			X			
Vasodilatation	186	-	X	X	X	X	X	
Vasodilation procedure	1	-			X			
Vasogenic cerebral oedema	1	-	X					
Vasoligation	2	-			X		X	
Vasomotor rhinitis	1	-					X	
Vasoplegia syndrome	1	-	X					
Vasospasm	16	-	X		X		X	
Vein collapse	2	-	X					
Vein discolouration	22	-	X		X		X	
Vein disorder	38	-	X		X			
Vein rupture	26	-	X		X		X	
Vein wall hypertrophy	1	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	3	-	X		X			
Venous oxygen saturation decreased	2	-	X		X			
Venous pressure	1	-	X					
Venous pressure jugular increased	1	-	X					
Venous recanalisation	1	-	X					
Venous thrombosis	52	-	X		X	X	X	
Venous thrombosis limb	7	-	X					
Venous valve ruptured	1	-	X					
Ventilation perfusion mismatch	1	-	X					
Ventilation/perfusion scan	3	-	X		X			
Ventricular arrhythmia	11	-	X		X		X	
Ventricular dysfunction	2	-			X			
Ventricular dyskinesia	1	-	X					
Ventricular enlargement	1	-					X	
Ventricular extrasystoles	71	-	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	2	-			X			

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Ventricular tachycardia	57	-	X	X	X	X	X	
Verbal abuse	2	-	X		X			
Verbigeration	1	-	X					
Vertebral artery occlusion	1	-	X					
Vertebral artery thrombosis	2	-	X					
Vertebral osteophyte	1	-			X			
Vertebrobasilar artery dissection	4	-	X		X			
Vertebrobasilar stroke	1	-			X			
Vertigo	4,747	-	X	X	X	X	X	
Vertigo CNS origin	9	-	X		X	X		
Vertigo labyrinthine	36	-	X		X	X	X	
Vertigo positional	305	-	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	31	-	X		X		X	
Vestibular migraine	80	-	X		X		X	
Vestibular neuronitis	87	-	X		X		X	
Vestibulitis	9	-	X	X	X		X	
VEXAS syndrome	2	-	X					
Vibration syndrome	7	-	X		X			
Vibratory sense increased	7	-	X				X	
Victim of abuse	1	-	X					
VIIIth nerve injury	1	-	X					
Violence-related symptom	4	-	X				X	
Viraemia	4	-	X					

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Viral diarrhoea	7	-	X		X	X		
Viral infection	178	-	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	10	-	X		X			
Viral pharyngitis	64	-	X	X	X	X	X	
Viral rash	164	-	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	1	-	X					
Visceral pain	7	-	X		X		X	
Visceral venous thrombosis	16	1	X		X		X	
Vision blurred	5,389	-	X	X	X	X	X	
Visual acuity reduced	75	-	X		X		X	
Visual acuity reduced transiently	2	-	X		X			
Visual acuity tests	1	-			X			
Visual brightness	14	-	X		X		X	
Visual field defect	100	-	X		X		X	
Visual impairment	1,536	-	X	X	X	X	X	
Visual perseveration	4	-	X		X			
Visual snow syndrome	15	-	X		X			
Visual tracking test	2	-	X				X	
Visual tracking test abnormal	1	-					X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
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	5	-	X		X			
Vitamin B12 decreased	13	-	X		X			
Vitamin B12 deficiency	29	-	X		X			
Vitamin B12 increased	1	-	X					
Vitamin D	8	-	X		X			
Vitamin D decreased	15	-	X		X		X	
Vitamin D deficiency	36	-	X		X		X	
Vitamin D increased	1	-	X					
Vitamin E decreased	1	-	X					
Vlth nerve disorder	2	-			X			
Vlth nerve paralysis	26	-	X	X	X			
Vitiligo	99	-	X	X	X	X	X	
Vitreoretinal traction syndrome	1	-	X					
Vitreous cyst	1	-	X					
Vitreous detachment	95	-	X		X	X	X	
Vitreous disorder	1	-			X			
Vitreous floaters	425	-	X	X	X	X	X	
Vitreous haematoma	1	-	X					
Vitreous haemorrhage	17	-	X		X	X		
Vitreous opacities	1	-	X					
Vocal cord disorder	8	-	X	X	X			
Vocal cord dysfunction	13	-	X		X			
Vocal cord inflammation	1	-		X				

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vocal cord paralysis	13	-	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			
Volvulus	1	1	X		X			
Vomiting	20,414	1	X	X	X	X	X	X
Vomiting projectile	279	-	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	14	-	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	13	-	X		X		X	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Vulvovaginal pain	83	- X			X		X	
Vulvovaginal pruritus	26	- X	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	6	- X			X		X	
Walking disability	17	- 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	1	-			X			
Weight bearing difficulty	22	- X			X	X	X	
Weight decreased	488	- X	X	X	X	X	X	
Weight gain poor	1	- X						
Weight increased	160	- X	X	X	X		X	
Weight loss poor	10	- X			X		X	
Wheat-free diet	1	-			X			
Wheelchair user	5	- X			X		X	
Wheezing	1,463	- X	X	X	X	X	X	
White blood cell count	27	- X			X		X	
White blood cell count decreased	60	- X	X	X	X		X	
White blood cell count increased	34	- X			X	X	X	
White blood cell count normal	1	- X						



REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
White blood cell disorder	6	-	X		X			
White blood cells urine	1	-			X			
White blood cells urine positive	1	-	X					
White coat hypertension	14	-	X		X		X	
White matter lesion	7	-	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	22	-	X	X	X			
Wound abscess	1	-	X					
Wound complication	36	-	X	X	X		X	
Wound haematoma	2	-			X	X		
Wound haemorrhage	18	-	X	X	X		X	
Wound infection	3	-			X		X	
Wound infection staphylococcal	1	-	X					
Wound necrosis	-	1			X			
Wound secretion	12	-	X		X			
Wound sepsis	1	-	X					
Wound treatment	1	-	X					
Wrist deformity	2	-	X					
Wrist fracture	5	-	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	

REACTION NAME	AE	FATAL	AZ	PFIZER Mono	PFIZER BiValent	Moderna Mono	Moderna BiValent	Novavax
Wrong route	1	-	X					
Wrong schedule	4	-	X		X		X	
Wrong technique in device usage process	2	-					X	
Wrong technique in product usage process	32	-	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					
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	127	-	X		X		X	
Yellow fever	1	-	X					
Yellow fever vaccine-associated neurotropic disease	1	-	X					
Yellow skin	70	-	X		X		X	
Young's syndrome	1	-	X					
Zinc sulphate turbidity increased	1	-	X					
Zoonotic bacterial infection	-	1			X			
<b>TOTALS</b>	<b>1,641,616</b>	<b>2,473</b>						