

## COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

Report Run Date: 21-Mar-2022  
Data Lock Date: 09-Mar-2022 18:30:05  
MedDRA Version: MedDRA 24.1

All suspected spontaneous reports from Scotland received from 01/05/2021 up to and including 09/03/2022 for the COVID-19 mRNA Pfizer-BioNTech vaccine.

A report of a suspected ADR to the Yellow Card scheme does not necessarily mean that it was caused by the vaccine, only that the reporter has a suspicion it may have. Underlying or previously undiagnosed illness unrelated to vaccination can also be factors in such reports. The relative number and nature of reports should therefore not be used to compare the safety of the different vaccines. All reports are kept under continual review in order to identify possible new risks.

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Reaction Name	Total	Fatal
<b>Blood disorders</b>		
<i>Anaemia deficiencies</i>		
Iron deficiency anaemia	1	0
<i>Anaemias NEC</i>		
Anaemia	21	0
<i>Anaemias haemolytic mechanical factor</i>		
Microangiopathic haemolytic anaemia	1	0
<i>Coagulopathies</i>		
Coagulopathy	1	0
Hypercoagulation	1	0
Thrombotic microangiopathy	2	0
<i>Haematological disorders</i>		
Mast cell activation syndrome	1	0
<i>Leukocytoses NEC</i>		
Neutrophilia	2	0
<i>Lymphatic system disorders NEC</i>		
Abdominal lymphadenopathy	2	0
Lymph node pain	112	0
Lymphadenitis	4	0
Lymphadenopathy	789	0
Lymphatic disorder	2	0
Necrotic lymphadenopathy	1	0
Pseudolymphoma	1	0
<i>Neutropenias</i>		
Neutropenia	1	0
<i>Platelet disorders NEC</i>		
Platelet disorder	1	0
<i>Thrombocytopenias</i>		
Immune thrombocytopenia	6	0
Thrombocytopenia	10	0
Thrombotic thrombocytopenic purpura	1	0
<b>Blood disorders SOC TOTAL</b>	<b>960</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Cardiac disorders</b>		
<i><b>Cardiac conduction disorders</b></i>		
Atrioventricular block	1	0
<i><b>Cardiac disorders NEC</b></i>		
Cardiac disorder	3	1
Cardiac ventricular thrombosis	1	0
Cardiovascular disorder	1	0
<i><b>Cardiac infections and inflammations NEC</b></i>		
Carditis	2	0
<i><b>Cardiac signs and symptoms NEC</b></i>		
Palpitations	388	0
<i><b>Coronary artery disorders NEC</b></i>		
Coronary artery dissection	1	0
<i><b>Heart failures NEC</b></i>		
Cardiac failure	3	2
<i><b>Ischaemic coronary artery disorders</b></i>		
Acute myocardial infarction	2	0
Angina pectoris	28	0
Angina unstable	1	0
Myocardial infarction	11	0
Myocardial ischaemia	1	1
<i><b>Myocardial disorders NEC</b></i>		
Cardiomegaly	2	1
Left ventricular dysfunction	1	0
Myocardial injury	2	0
Ventricular hypokinesia	1	0
<i><b>Noninfectious myocarditis</b></i>		
Myocarditis	46	0
<i><b>Noninfectious pericarditis</b></i>		
Pericarditis	43	0
<i><b>Pericardial disorders NEC</b></i>		
Cardiac tamponade	1	1
Pericardial effusion	3	0
Pericardial haemorrhage	1	0
<i><b>Rate and rhythm disorders NEC</b></i>		
Arrhythmia	6	0
Bradycardia	4	0
Cardiac flutter	62	0
Extrasystoles	12	0
Postural orthostatic tachycardia syndrome	2	0
Tachycardia	147	0
<i><b>Supraventricular arrhythmias</b></i>		
Arrhythmia supraventricular	1	0
Atrial fibrillation	8	0
Sinus arrhythmia	2	0
Sinus tachycardia	6	0
Supraventricular extrasystoles	1	0
Supraventricular tachycardia	5	0
<i><b>Ventricular arrhythmias and cardiac arrest</b></i>		
Cardiac arrest	8	3
Ventricular extrasystoles	1	0
Ventricular tachycardia	2	0
<b>Cardiac disorders SOC TOTAL</b>	<b>810</b>	<b>9</b>

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Reaction Name	Total	Fatal
<b>Congenital disorders</b>		
<i>Cardiac disorders congenital NEC</i>		
Heart disease congenital	1	0
<i>Cerebellar disorders congenital</i>		
Hereditary ataxia	1	0
<i>Coagulation disorders congenital</i>		
Factor IX deficiency	1	0
<i>Connective tissue disorders congenital</i>		
Ehlers-Danlos syndrome	1	0
<i>Lymphatic system disorders congenital</i>		
Cystic lymphangioma	1	0
<i>Male reproductive tract disorders congenital</i>		
Micropenis	1	0
<b>Congenital disorders SOC TOTAL</b>	<b>6</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Ear disorders</b>		
<i><b>Ear disorders NEC</b></i>		
Ear discomfort	5	0
Ear haemorrhage	3	0
Ear inflammation	1	0
Ear pain	69	0
Ear pruritus	1	0
Ear swelling	1	0
Otorrhoea	1	0
<i><b>Eustachian tube disorders</b></i>		
Eustachian tube disorder	1	0
Eustachian tube dysfunction	3	0
Eustachian tube obstruction	1	0
<i><b>External ear disorders NEC</b></i>		
Excessive cerumen production	2	0
<i><b>Hearing disorders NEC</b></i>		
Diplacusis	1	0
<i><b>Hearing losses</b></i>		
Deafness	14	0
Deafness bilateral	1	0
Hypoacusis	11	0
Sudden hearing loss	4	0
<i><b>Hyperacusia</b></i>		
Hyperacusis	5	0
<i><b>Inner ear disorders NEC</b></i>		
Inner ear disorder	1	0
Meniere's disease	2	0
Vestibular disorder	1	0
<i><b>Inner ear signs and symptoms</b></i>		
Motion sickness	6	0
Tinnitus	136	0
Vertigo	67	0
Vertigo positional	3	0
<i><b>Middle ear disorders NEC</b></i>		
Middle ear disorder	1	0
<b>Ear disorders SOC TOTAL</b>	<b>341</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Endocrine disorders</b>		
<i>Acute and chronic thyroiditis</i>		
Thyroiditis	4	0
<i>Endocrine abnormalities of gonadal function NEC</i>		
Oestrogen deficiency	1	0
<i>Endocrine abnormalities of puberty</i>		
Delayed menarche	1	0
Premature menarche	4	0
<i>Female gonadal function disorders</i>		
Anovulatory cycle	8	0
Ovulation delayed	2	0
<i>Thyroid hyperfunction disorders</i>		
Hyperthyroidism	6	0
<i>Thyroid hypofunction disorders</i>		
Hypothyroidism	3	0
<b>Endocrine disorders SOC TOTAL</b>	<b>29</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Eye disorders</b>		
<b><i>Choroid and vitreous structural change, deposit and degeneration</i></b>		
Chorioretinopathy	1	0
Vitreous detachment	1	0
Vitreous floaters	5	0
<b><i>Colour blindness (incl acquired)</i></b>		
Dyschromatopsia	1	0
<b><i>Conjunctival and corneal bleeding and vascular disorders</i></b>		
Conjunctival haemorrhage	2	0
<b><i>Conjunctival infections, irritations and inflammations</i></b>		
Conjunctivitis allergic	1	0
<b><i>Corneal infections, oedemas and inflammations</i></b>		
Keratitis	1	0
<b><i>Eyelid movement disorders</i></b>		
Blepharospasm	5	0
Eyelid myokymia	1	0
Eyelid ptosis	1	0
<b><i>Iris and uveal tract infections, irritations and inflammations</i></b>		
Autoimmune uveitis	1	0
Iridocyclitis	2	0
Uveitis	3	0
<b><i>Lacrimation disorders</i></b>		
Dry eye	14	0
Lacrimation increased	8	0
<b><i>Lid, lash and lacrimal infections, irritations and inflammations</i></b>		
Blepharitis	1	0
Chalazion	1	0
Erythema of eyelid	2	0
Eyelid rash	1	0
Swelling of eyelid	9	0
<b><i>Ocular bleeding and vascular disorders NEC</i></b>		
Eye haemorrhage	3	0
<b><i>Ocular disorders NEC</i></b>		
Dark circles under eyes	1	0
Eye disorder	1	0
Eye oedema	1	0
Eye pain	58	0
Eye swelling	30	0
Eye symptom	1	0
Eyelid pain	2	0
Periorbital oedema	1	0
Periorbital swelling	7	0
<b><i>Ocular infections, inflammations and associated manifestations</i></b>		
Eye allergy	1	0
Eye discharge	2	0
Eye inflammation	2	0
Eye irritation	2	0
Eye pruritus	11	0
Ocular hyperaemia	10	0
<b><i>Ocular nerve and muscle disorders</i></b>		
Eye movement disorder	1	0
Strabismus	1	0
<b><i>Ocular sensation disorders</i></b>		

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Reaction Name	Total	Fatal
<b>Eye disorders</b> Eye disorders cont'd		
Asthenopia	6	0
Eyelid sensory disorder	2	0
Photophobia	26	0
<b><i>Pupil disorders</i></b>		
Mydriasis	2	0
Pupils unequal	1	0
<b><i>Refractive and accommodative disorders</i></b>		
Altered visual depth perception	1	0
Astigmatism	1	0
<b><i>Retinal bleeding and vascular disorders (excl retinopathy)</i></b>		
Retinal haemorrhage	2	0
Retinal vein occlusion	1	0
<b><i>Retinal structural change, deposit and degeneration</i></b>		
Retinal degeneration	1	0
Retinal toxicity	1	0
<b><i>Retinal, choroid and vitreous infections and inflammations</i></b>		
Birdshot chorioretinopathy	1	0
<b><i>Scleral infections, irritations and inflammations</i></b>		
Episcleritis	1	0
<b><i>Visual disorders NEC</i></b>		
Diplopia	10	0
Halo vision	1	0
Metamorphopsia	2	0
Photopsia	9	0
Vision blurred	73	0
Visual brightness	1	0
<b><i>Visual field disorders</i></b>		
Visual field defect	1	0
<b><i>Visual impairment and blindness (excl colour blindness)</i></b>		
Blindness	6	0
Visual acuity reduced	2	0
Visual impairment	19	0
<b>Eye disorders SOC TOTAL</b>	<b>366</b>	<b>0</b>



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Reaction Name	Total	Fatal
<b>Gastrointestinal disorders</b>		
<i>Abdominal findings abnormal</i>		
Gastrointestinal sounds abnormal	2	0
<i>Abdominal wall conditions NEC</i>		
Abdominal wall haematoma	1	0
<i>Acute and chronic pancreatitis</i>		
Pancreatitis	2	0
<i>Colitis (excl infective)</i>		
Colitis	2	0
Colitis ulcerative	5	0
Crohn's disease	3	0
Inflammatory bowel disease	1	0
<i>Dental disorders NEC</i>		
Teeth brittle	1	0
Teething	1	0
<i>Dental pain and sensation disorders</i>		
Hyperaesthesia teeth	5	0
Toothache	14	0
<i>Dental surface disorders</i>		
Tooth discolouration	1	0
<i>Diarrhoea (excl infective)</i>		
Diarrhoea	263	0
Diarrhoea haemorrhagic	2	0
<i>Duodenal and small intestinal stenosis and obstruction</i>		
Small intestinal obstruction	1	0
<i>Dyspeptic signs and symptoms</i>		
Dyspepsia	31	0
Eructation	3	0
<i>Faecal abnormalities NEC</i>		
Abnormal faeces	2	0
Faeces discoloured	3	0
Faeces soft	1	0
Mucous stools	1	0
<i>Flatulence, bloating and distension</i>		
Abdominal distension	41	0
Flatulence	10	0
<i>Gastric and oesophageal haemorrhages</i>		
Gastric haemorrhage	1	0
<i>Gastric ulcers and perforation</i>		
Gastric ulcer	1	0
<i>Gastritis (excl infective)</i>		
Gastritis	5	0
Reflux gastritis	1	0
<i>Gastrointestinal and abdominal pains (excl oral and throat)</i>		
Abdominal pain	90	0
Abdominal pain lower	7	0
Abdominal pain upper	141	0
Abdominal rigidity	1	0
Gastrointestinal pain	10	0
Oesophageal pain	1	0
<i>Gastrointestinal atonic and hypomotility disorders NEC</i>		
Constipation	16	0
Gastrooesophageal reflux disease	17	0

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<b>Gastrointestinal disorders</b>		
<i>Gastrointestinal disorders cont'd</i>		
<b><i>Gastrointestinal disorders NEC</i></b>		
Gastric disorder	1	0
Gastrointestinal disorder	1	0
<b><i>Gastrointestinal dyskinetic disorders</i></b>		
Dyschezia	2	0
Gastrointestinal motility disorder	1	0
<b><i>Gastrointestinal signs and symptoms NEC</i></b>		
Abdominal discomfort	27	0
Breath odour	2	0
Dysphagia	8	0
Odynophagia	4	0
<b><i>Gastrointestinal spastic and hypermotility disorders</i></b>		
Irritable bowel syndrome	8	0
<b><i>Gastrointestinal stenosis and obstruction NEC</i></b>		
Intestinal obstruction	1	0
<b><i>Gastrointestinal vascular occlusion and infarction</i></b>		
Mesenteric vein thrombosis	2	0
<b><i>Gingival disorders, signs and symptoms NEC</i></b>		
Gingival hypertrophy	1	0
Gingival oedema	1	0
Gingival pain	8	0
Gingival swelling	2	0
Noninfective gingivitis	2	0
<b><i>Gingival haemorrhages</i></b>		
Gingival bleeding	3	0
<b><i>Intestinal haemorrhages</i></b>		
Rectal haemorrhage	4	0
<b><i>Nausea and vomiting symptoms</i></b>		
Discoloured vomit	1	0
Nausea	582	0
Retching	3	0
Vomiting	211	0
Vomiting projectile	2	0
<b><i>Non-site specific gastrointestinal haemorrhages</i></b>		
Gastrointestinal haemorrhage	2	0
Haematemesis	3	0
Haematochezia	1	0
Melaena	1	0
Upper gastrointestinal haemorrhage	2	0
<b><i>Oesophagitis (excl infective)</i></b>		
Eosinophilic oesophagitis	1	0
<b><i>Oral dryness and saliva altered</i></b>		
Dry mouth	22	0
Lip dry	1	0
Salivary hypersecretion	3	0
<b><i>Oral soft tissue disorders NEC</i></b>		
Chapped lips	2	0
Lip blister	2	0
Uvulitis	1	0
<b><i>Oral soft tissue haemorrhages</i></b>		
Mouth haemorrhage	3	0
Oral blood blister	1	0

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<b>Gastrointestinal disorders</b>		
<i>Gastrointestinal disorders cont'd</i>		
<b><i>Oral soft tissue signs and symptoms</i></b>		
Anaesthesia oral	1	0
Burning mouth syndrome	1	0
Hypoaesthesia oral	26	0
Lip pain	1	0
Oral discomfort	3	0
Oral mucosal eruption	1	0
Oral mucosal exfoliation	1	0
Oral pain	8	0
Oral pruritus	1	0
Paraesthesia oral	29	0
<b><i>Oral soft tissue swelling and oedema</i></b>		
Lip swelling	40	0
Mouth swelling	7	0
<b><i>Peptic ulcers and perforation</i></b>		
Peptic ulcer haemorrhage	1	0
<b><i>Peritoneal and retroperitoneal haemorrhages</i></b>		
Retroperitoneal haematoma	1	0
<b><i>Salivary gland enlargements</i></b>		
Parotid gland enlargement	1	0
<b><i>Stomatitis and ulceration</i></b>		
Aphthous ulcer	1	0
Lip ulceration	1	0
Mouth ulceration	21	0
Stomatitis	3	0
<b><i>Tongue disorders</i></b>		
Glossitis	1	0
Tongue geographic	1	0
Tongue ulceration	1	0
Trichoglossia	1	0
<b><i>Tongue signs and symptoms</i></b>		
Glossodynia	10	0
Swollen tongue	23	0
Tongue blistering	1	0
Tongue coated	1	0
Tongue discolouration	1	0
Tongue discomfort	2	0
Tongue dry	1	0
Tongue erythema	1	0
Tongue exfoliation	2	0
Tongue rough	1	0
<b>Gastrointestinal disorders SOC TOTAL</b>	<b>1804</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>General disorders</b>		
<b><i>Administration site reactions NEC</i></b>		
Administration site bruise	1	0
Administration site rash	1	0
Administration site swelling	1	0
Puncture site bruise	2	0
Puncture site pain	1	0
Puncture site reaction	1	0
<b><i>Application and instillation site reactions</i></b>		
Application site bruise	1	0
Application site dryness	1	0
Application site erythema	1	0
Application site vesicles	1	0
<b><i>Asthenic conditions</i></b>		
Asthenia	95	0
Chronic fatigue syndrome	3	0
Fatigue	1150	0
Malaise	213	0
Sluggishness	1	0
<b><i>Body temperature altered</i></b>		
Hyperthermia	1	0
<b><i>Complications associated with device NEC</i></b>		
Injury associated with device	1	0
Phantom shocks	1	0
<b><i>Death and sudden death</i></b>		
Cardiac death	1	1
Death	6	6
Sudden cardiac death	1	1
Sudden death	1	1
<b><i>Febrile disorders</i></b>		
Hyperpyrexia	1	0
Pyrexia	595	0
<b><i>Feelings and sensations NEC</i></b>		
Chills	316	0
Feeling abnormal	75	0
Feeling cold	41	0
Feeling drunk	5	0
Feeling hot	38	0
Feeling jittery	4	0
Feeling of body temperature change	7	0
Hangover	6	0
Hunger	2	0
Sensation of foreign body	2	0
Temperature intolerance	2	0
Thirst	19	0
<b><i>Gait disturbances</i></b>		
Gait disturbance	11	0
Gait inability	4	0
Loss of control of legs	1	0
<b><i>General signs and symptoms NEC</i></b>		
Condition aggravated	12	0
Crepitations	1	0
Crying	10	0

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Reaction Name	Total	Fatal
<b>General disorders</b> General disorders cont'd		
Discharge	1	0
Energy increased	3	0
Exercise tolerance decreased	4	0
Glassy eyes	1	0
Illness	88	0
Induration	1	0
Influenza like illness	90	0
Irritability postvaccinal	1	0
Local reaction	1	0
Multiple organ dysfunction syndrome	1	0
Organ failure	1	0
Peripheral swelling	211	0
Secretion discharge	2	0
Swelling	178	0
Swelling face	36	0
Tissue rupture	1	0
<b>Inflamations</b>		
Inflammation	33	0
<b>Infusion site reactions</b>		
Infusion site nerve damage	1	0
<b>Injection site reactions</b>		
Injected limb mobility decreased	1	0
Injection site cyst	1	0
Injection site erythema	26	0
Injection site haemorrhage	1	0
Injection site hypoaesthesia	1	0
Injection site inflammation	4	0
Injection site joint erythema	1	0
Injection site joint pain	1	0
Injection site mass	37	0
Injection site oedema	2	0
Injection site pain	111	0
Injection site pruritus	16	0
Injection site rash	12	0
Injection site swelling	17	0
Injection site urticaria	4	0
Injection site warmth	14	0
<b>Interactions</b>		
Inhibitory drug interaction	1	0
<b>Mass conditions NEC</b>		
Cyst	5	0
Mass	1	0
Nodule	4	0
<b>Mucosal findings abnormal</b>		
Mucosal haemorrhage	2	0
Polyp	1	0
<b>Oedema NEC</b>		
Face oedema	2	0
Localised oedema	1	0
Oedema	4	0
Oedema peripheral	3	0
<b>Pain and discomfort NEC</b>		

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Reaction Name	Total	Fatal
<b>General disorders</b> General disorders cont'd		
Axillary pain	231	0
Chest discomfort	116	0
Chest pain	437	0
Discomfort	36	0
Facial pain	15	0
Inflammatory pain	3	0
Non-cardiac chest pain	1	0
Pain	462	0
Tenderness	36	0
<b><i>Therapeutic and nontherapeutic responses</i></b>		
Adverse drug reaction	3	0
Drug ineffective	3	0
No reaction on previous exposure to drug	2	0
Therapeutic response decreased	1	0
Therapeutic response unexpected	3	0
Treatment failure	1	0
<b><i>Ulcers NEC</i></b>		
Ulcer	1	0
<b><i>Vaccination site reactions</i></b>		
Extensive swelling of vaccinated limb	4	0
Shoulder injury related to vaccine administration	10	0
Vaccination site bruising	3	0
Vaccination site cyst	2	0
Vaccination site discomfort	1	0
Vaccination site erythema	20	0
Vaccination site induration	2	0
Vaccination site inflammation	1	0
Vaccination site joint pain	1	0
Vaccination site joint swelling	1	0
Vaccination site mass	15	0
Vaccination site movement impairment	3	0
Vaccination site pain	45	0
Vaccination site papule	1	0
Vaccination site pruritus	1	0
Vaccination site rash	5	0
Vaccination site reaction	2	0
Vaccination site swelling	13	0
Vaccination site warmth	8	0
<b><i>Withdrawal and rebound effects</i></b>		
Withdrawal syndrome	3	0
<b>General disorders SOC TOTAL</b>	<b>5056</b>	<b>9</b>

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Reaction Name	Total	Fatal
<b>Hepatic disorders</b>		
<i>Bile duct infections and inflammations</i>		
Biliary colic	1	0
<i>Cholestasis and jaundice</i>		
Jaundice	1	0
<i>Hepatic vascular disorders</i>		
Portal vein thrombosis	1	0
<i>Hepatobiliary signs and symptoms</i>		
Hepatic pain	1	0
<i>Hepatocellular damage and hepatitis NEC</i>		
Hepatitis	1	0
<b>Hepatic disorders SOC TOTAL</b>	<b>5</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Immune system disorders</b>		
<i>Acute and chronic sarcoidosis</i>		
Loefgren syndrome	1	0
<i>Allergic conditions NEC</i>		
Allergy to arthropod bite	2	0
Hypersensitivity	45	0
Multiple allergies	2	0
<i>Allergies to foods, food additives, drugs and other chemicals</i>		
Allergy to vaccine	1	0
Food allergy	5	0
Milk allergy	1	0
Rubber sensitivity	1	0
<i>Anaphylactic and anaphylactoid responses</i>		
Anaphylactic reaction	18	0
Anaphylactic shock	3	0
Anaphylactoid reaction	1	0
<i>Atopic disorders</i>		
Seasonal allergy	5	0
<i>Autoimmune disorders NEC</i>		
Autoimmune disorder	4	0
<i>Immune and associated conditions NEC</i>		
Bacille Calmette-Guerin scar reactivation	10	0
Immune system disorder	2	0
Immune-mediated adverse reaction	1	0
<i>Immunodeficiency disorders NEC</i>		
Immunodeficiency	1	0
<b>Immune system disorders SOC TOTAL</b>	<b>103</b>	<b>0</b>



# COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Infections</b>		
<b><i>Abdominal and gastrointestinal infections</i></b>		
Appendicitis	1	0
Appendicitis perforated	1	0
Gastric infection	2	0
<b><i>Bacterial infections NEC</i></b>		
Abscess bacterial	1	0
Bacterial infection	1	0
Cellulitis	12	0
Vaccination site cellulitis	1	0
<b><i>Bone and joint infections</i></b>		
Osteomyelitis	2	0
<b><i>Borrelial infections</i></b>		
Lyme disease	1	0
<b><i>Breast infections</i></b>		
Mastitis	10	0
<b><i>Caliciviral infections</i></b>		
Gastroenteritis norovirus	1	0
<b><i>Candida infections</i></b>		
Candida infection	3	0
Oral candidiasis	2	0
Vulvovaginal candidiasis	2	0
<b><i>Central nervous system and spinal infections</i></b>		
Encephalitis	1	0
Encephalomyelitis	1	0
Meningitis aseptic	1	0
<b><i>Coronavirus infections</i></b>		
COVID-19	99	0
COVID-19 pneumonia	1	1
Post-acute COVID-19 syndrome	2	0
<b><i>Coxiella infections</i></b>		
Q fever	1	0
<b><i>Dental and oral soft tissue infections</i></b>		
Gingivitis	2	0
Parotitis	1	0
Pericoronitis	2	0
<b><i>Ear infections</i></b>		
Ear infection	10	0
Labyrinthitis	14	0
Otitis externa	1	0
Otitis media chronic	1	0
<b><i>Epstein-Barr viral infections</i></b>		
Infectious mononucleosis	5	0
<b><i>Eye and eyelid infections</i></b>		
Conjunctivitis	4	0
Eye infection	4	0
Eyelid boil	1	0
Hordeolum	2	0
<b><i>Female reproductive tract infections</i></b>		
Endometritis	1	0
<b><i>Fungal infections NEC</i></b>		
Fungal infection	2	0
Fungal skin infection	1	0

# COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Infections</b> Infections cont'd		
Mycotoxicosis	1	0
Myocarditis mycotic	1	0
Vulvovaginal mycotic infection	3	0
<b><i>Herpes viral infections</i></b>		
Genital herpes	8	0
Herpes simplex	2	0
Herpes zoster	95	0
Herpes zoster oticus	1	0
Oral herpes	22	0
Varicella	2	0
<b><i>Infections NEC</i></b>		
Abscess	4	0
Abscess limb	1	0
Genital abscess	1	0
Groin abscess	1	0
Infection	19	0
Lymph node abscess	2	0
Opportunistic infection	1	0
<b><i>Infectious transmissions</i></b>		
Secondary transmission	2	0
<b><i>Influenza viral infections</i></b>		
Influenza	90	0
<b><i>Lower respiratory tract and lung infections</i></b>		
Bronchitis	1	0
Lower respiratory tract infection	19	1
Pneumonia	10	0
<b><i>Mumps viral infections</i></b>		
Mumps	1	0
<b><i>Muscle and soft tissue infections</i></b>		
Abscess neck	1	0
<b><i>Sepsis, bacteraemia, viraemia and fungaemia NEC</i></b>		
Sepsis	5	1
<b><i>Skin structures and soft tissue infections</i></b>		
Impetigo	1	0
Pustule	1	0
Skin infection	1	0
Subcutaneous abscess	1	0
<b><i>Staphylococcal infections</i></b>		
Furuncle	3	0
<b><i>Streptococcal infections</i></b>		
Pharyngitis streptococcal	1	0
Streptococcal infection	1	0
<b><i>Treponema infections</i></b>		
Syphilis	1	0
<b><i>Tuberculous infections</i></b>		
Disseminated Bacillus Calmette-Guerin infection	1	0
<b><i>Upper respiratory tract infections</i></b>		
Laryngitis	2	0
Nasopharyngitis	39	0
Pharyngitis	4	0
Rhinitis	1	0
Sinusitis	17	0

## COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Infections</b> Infections cont'd		
Tonsillitis	12	0
Upper respiratory tract infection	3	0
<i><b>Urinary tract infections</b></i>		
Cystitis	5	0
Kidney infection	2	0
Urinary tract infection	11	0
<i><b>Viral infections NEC</b></i>		
Ear infection viral	1	0
Encephalitis viral	1	0
Gastroenteritis viral	3	0
Hepatitis viral	1	0
Meningitis viral	2	0
Pneumonia viral	1	0
Post viral fatigue syndrome	1	0
Sweating fever	5	0
Viral infection	4	0
Viral rash	6	0
<b>Infections SOC TOTAL</b>	<b>622</b>	<b>3</b>

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Report Run Date: 21-Mar-2022

Data Lock Date: 09-Mar-2022 18:30:05

MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Injuries</b>		
<b><i>Abdominal and gastrointestinal injuries NEC</i></b>		
Palate injury	1	0
<b><i>Cerebral injuries NEC</i></b>		
Subdural haematoma	1	0
<b><i>Chemical injuries</i></b>		
Chemical burn of skin	2	0
Chemical cystitis	1	0
<b><i>Conditions caused by cold</i></b>		
Chillblains	2	0
<b><i>Exposures associated with pregnancy, delivery and lactation</i></b>		
Exposure via breast milk	11	0
Foetal exposure during pregnancy	5	0
Maternal exposure before pregnancy	1	0
Maternal exposure during breast feeding	172	0
Maternal exposure during pregnancy	76	0
<b><i>Exposures to agents or circumstances NEC</i></b>		
Exposure to vaccinated person	2	0
<b><i>Eye injuries NEC</i></b>		
Eye injury	2	0
<b><i>Fractures and dislocations NEC</i></b>		
Joint dislocation	1	0
<b><i>Heat injuries (excl thermal burns)</i></b>		
Heat exhaustion	1	0
Heat oedema	2	0
<b><i>Limb fractures and dislocations</i></b>		
Clavicle fracture	1	0
<b><i>Medication errors, product use errors and issues NEC</i></b>		
Medication error	3	0
Vaccination error	1	0
Wrong dose	1	0
<b><i>Muscle, tendon and ligament injuries</i></b>		
Epicondylitis	2	0
Muscle injury	5	0
Muscle rupture	2	0
Tendon rupture	2	0
<b><i>Nerve injuries NEC</i></b>		
Nerve injury	11	0
<b><i>Neurological and psychiatric procedural complications</i></b>		
Procedural dizziness	2	0
<b><i>Non-site specific injuries NEC</i></b>		
Electric shock	2	0
Fall	7	0
Foreign body	1	0
Nervous system injury	1	0
<b><i>Non-site specific procedural complications</i></b>		
Infusion related reaction	1	0
Injection related reaction	1	0
<b><i>Overdoses NEC</i></b>		
Overdose	2	0
<b><i>Peripheral nerve injuries</i></b>		
Axillary nerve injury	1	0
<b><i>Product administration errors and issues</i></b>		

## COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Injuries</b> Injuries cont'd		
Expired product administered	1	0
Product administered at inappropriate site	1	0
Product administration error	1	0
Product dose omission issue	2	0
<b>Site specific injuries NEC</b>		
Limb injury	17	0
Neck injury	1	0
<b>Skin injuries NEC</b>		
Contusion	63	0
Scar	3	0
Skin injury	1	0
<b>Spinal cord injuries NEC</b>		
Spinal cord injury cervical	1	0
<b>Thermal burns</b>		
Burn oesophageal	1	0
Thermal burn	2	0
Thermal burns of eye	2	0
<b>Injuries SOC TOTAL</b>	<b>422</b>	<b>0</b>

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Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Investigations</b>		
<i><b>Blood gas and acid base analyses</b></i>		
Oxygen saturation decreased	1	0
<i><b>Carbohydrate tolerance analyses (incl diabetes)</b></i>		
Blood glucose decreased	2	0
Blood glucose fluctuation	1	0
Blood glucose increased	4	0
<i><b>Cardiac auscultatory investigations</b></i>		
Cardiac murmur	1	0
Heart sounds abnormal	1	0
<i><b>Cholesterol analyses</b></i>		
Blood cholesterol increased	1	0
<i><b>Coagulation and bleeding analyses</b></i>		
Bleeding time	1	0
International normalised ratio increased	1	0
<i><b>ECG investigations</b></i>		
Electrocardiogram QT prolonged	1	0
Electrocardiogram ST-T segment abnormal	1	0
Electrocardiogram T wave inversion	1	0
Electrocardiogram abnormal	1	0
<i><b>Endocrine analyses and imaging NEC</b></i>		
Hormone level abnormal	8	0
<i><b>Heart rate and pulse investigations</b></i>		
Heart rate	30	0
Heart rate abnormal	5	0
Heart rate decreased	3	0
Heart rate increased	59	0
Heart rate irregular	25	0
Heart rate normal	1	0
Pulse abnormal	1	0
<i><b>Immunology analyses NEC</b></i>		
Immunology test	1	0
<i><b>Investigations NEC</b></i>		
Blood test	2	0
Blood test abnormal	5	0
<i><b>Liver function analyses</b></i>		
Alanine aminotransferase increased	1	0
Liver function test abnormal	2	0
Liver function test increased	1	0
Transaminases increased	1	0
<i><b>Mineral and electrolyte analyses</b></i>		
Blood iron decreased	3	0
Serum ferritin	1	0
<i><b>Musculoskeletal and soft tissue imaging procedures</b></i>		
Skull X-ray	1	0
<i><b>Neurologic diagnostic procedures</b></i>		
Hoover's sign of leg paresis	1	0
Lumbar puncture	2	0
<i><b>Physical examination procedures and organ system status</b></i>		
Body temperature	8	0
Body temperature abnormal	1	0
Body temperature decreased	1	0
Body temperature fluctuation	9	0

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Investigations</b> Investigations cont'd		
Body temperature increased	9	0
Lymph node palpable	4	0
Menstruation normal	1	0
Psoriasis area severity index increased	1	0
Respiratory rate decreased	2	0
Respiratory rate increased	2	0
Skin temperature	2	0
Weight decreased	6	0
Weight increased	4	0
<b><i>Pituitary analyses anterior</i></b>		
Blood thyroid stimulating hormone increased	1	0
<b><i>Platelet analyses</i></b>		
Platelet count decreased	2	0
Platelet count increased	2	0
<b><i>Protein analyses NEC</i></b>		
C-reactive protein increased	1	0
<b><i>Reproductive hormone analyses</i></b>		
Pregnancy test	1	0
<b><i>Respiratory and pulmonary function diagnostic procedures</i></b>		
Total lung capacity decreased	1	0
<b><i>Respiratory tract and thoracic imaging procedures</i></b>		
Chest X-ray	1	0
Chest X-ray abnormal	1	0
<b><i>Skeletal and cardiac muscle analyses</i></b>		
Troponin increased	1	0
<b><i>Thyroid analyses</i></b>		
Thyroid function test abnormal	1	0
<b><i>Toxicology laboratory analyses</i></b>		
Drug screen positive	1	0
<b><i>Urinalysis NEC</i></b>		
Blood urine present	5	0
Protein urine present	1	0
Urine uric acid increased	1	0
<b><i>Urinary tract function analyses NEC</i></b>		
Urine output decreased	1	0
<b><i>Vascular tests NEC (incl blood pressure)</i></b>		
Blood pressure decreased	2	0
Blood pressure increased	9	0
Blood pressure measurement	2	0
Blood pressure normal	1	0
<b><i>Virus identification and serology</i></b>		
Coronavirus test	3	0
Coronavirus test positive	1	0
SARS-CoV-1 test	1	0
SARS-CoV-2 antibody test	1	0
SARS-CoV-2 antibody test negative	1	0
SARS-CoV-2 test	1	0
SARS-CoV-2 test false negative	1	0
SARS-CoV-2 test negative	1	0
<b><i>White blood cell analyses</i></b>		
Neutrophil count	2	0
Neutrophil count decreased	1	0

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<b>Reaction Name</b>	<b>Total</b>	<b>Fatal</b>
<b>Investigations</b> Investigations cont'd		
White blood cell count	1	0
White blood cell count decreased	1	0
<b>Investigations SOC TOTAL</b>	<b>270</b>	<b>0</b>



# COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Metabolic disorders</b>		
<i><b>Appetite disorders</b></i>		
Appetite disorder	1	0
Decreased appetite	72	0
Food craving	2	0
Hypophagia	1	0
<i><b>Diabetes mellitus (incl subtypes)</b></i>		
Diabetes mellitus	3	0
Diabetes mellitus inadequate control	2	0
Type 2 diabetes mellitus	1	0
<i><b>Diabetic complications NEC</b></i>		
Diabetic ketoacidosis	1	0
<i><b>Disorders of purine metabolism</b></i>		
Gout	11	0
<i><b>Fat soluble vitamin deficiencies and disorders</b></i>		
Vitamin D deficiency	1	0
<i><b>Food malabsorption and intolerance syndromes (excl sugar intolerance)</b></i>		
Food intolerance	1	0
Gluten sensitivity	1	0
<i><b>General nutritional disorders NEC</b></i>		
Abnormal loss of weight	4	0
Feeding disorder	7	0
Obesity	1	0
Poor feeding infant	1	0
<i><b>Hyperglycaemic conditions NEC</b></i>		
Hyperglycaemia	3	0
<i><b>Hypoglycaemic conditions NEC</b></i>		
Hypoglycaemia	4	0
<i><b>Iron excess</b></i>		
Haemochromatosis	1	0
<i><b>Potassium imbalance</b></i>		
Hyperkalaemia	1	0
<i><b>Total fluid volume decreased</b></i>		
Dehydration	15	0
<i><b>Total fluid volume increased</b></i>		
Fluid retention	3	0
Hypervolaemia	1	0
<i><b>Vitamin deficiencies NEC</b></i>		
Hypovitaminosis	1	0
<i><b>Water soluble vitamin deficiencies</b></i>		
Folate deficiency	1	0
Vitamin B12 deficiency	2	0
<b>Metabolic disorders SOC TOTAL</b>	<b>142</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Muscle &amp; tissue disorders</b>		
<b><i>Arthropathies NEC</i></b>		
Arthritis	15	0
Arthropathy	3	0
Autoimmune arthritis	1	0
<b><i>Bone disorders NEC</i></b>		
Osteitis	1	0
<b><i>Bone related signs and symptoms</i></b>		
Bone pain	27	0
Pain in jaw	26	0
Spinal pain	7	0
<b><i>Bursal disorders</i></b>		
Bursitis	4	0
<b><i>Cartilage disorders</i></b>		
Costochondritis	11	0
<b><i>Connective tissue disorders NEC</i></b>		
Connective tissue disorder	1	0
Polymyalgia rheumatica	4	0
<b><i>Joint related disorders NEC</i></b>		
Joint lock	1	0
Periarthritis	24	0
Rotator cuff syndrome	4	0
Temporomandibular joint syndrome	2	0
<b><i>Joint related signs and symptoms</i></b>		
Arthralgia	399	0
Joint noise	2	0
Joint stiffness	17	0
Joint swelling	35	0
Joint warmth	1	0
<b><i>Ligament disorders</i></b>		
Ligament pain	1	0
<b><i>Metabolic bone disorders</i></b>		
Osteoporosis	1	0
<b><i>Muscle infections and inflammations</i></b>		
Antisynthetase syndrome	1	0
Myositis	4	0
<b><i>Muscle pains</i></b>		
Fibromyalgia	11	0
Myalgia	444	0
<b><i>Muscle related signs and symptoms NEC</i></b>		
Muscle atrophy	1	0
Muscle discomfort	2	0
Muscle fatigue	11	0
Muscle oedema	1	0
Muscle spasms	186	0
Muscle swelling	5	0
Muscle tightness	9	0
Muscle twitching	32	0
<b><i>Muscle tone abnormalities</i></b>		
Trismus	2	0
<b><i>Muscle weakness conditions</i></b>		
Muscular weakness	57	0
<b><i>Musculoskeletal and connective tissue conditions NEC</i></b>		

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Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Muscle &amp; tissue disorders</b>		
Muscle & tissue disorders cont'd		
Mobility decreased	5	0
Musculoskeletal stiffness	72	0
<b>Musculoskeletal and connective tissue infections and inflammations NEC</b>		
Plantar fasciitis	1	0
<b>Musculoskeletal and connective tissue pain and discomfort</b>		
Back pain	104	0
Flank pain	6	0
Limb discomfort	76	0
Musculoskeletal chest pain	25	0
Musculoskeletal discomfort	7	0
Musculoskeletal pain	10	0
Neck pain	122	0
Pain in extremity	630	0
Rheumatic disorder	1	0
Sacral pain	1	0
<b>Myopathies</b>		
Myopathy	1	0
Rhabdomyolysis	2	0
<b>Osteoarthropathies</b>		
Osteoarthritis	7	0
<b>Rheumatoid arthropathies</b>		
Rheumatoid arthritis	4	0
<b>Soft tissue disorders NEC</b>		
Axillary mass	6	0
Groin pain	4	0
Neck mass	1	0
<b>Spondyloarthropathies</b>		
Arthritis reactive	2	0
<b>Synovial disorders</b>		
Synovial cyst	1	0
<b>Tendon disorders</b>		
Tendon pain	1	0
Tendonitis	3	0
Tenosynovitis	2	0
Trigger finger	1	0
<b>Muscle &amp; tissue disorders SOC TOTAL</b>	<b>2448</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Neoplasms</b>		
<i>Breast and nipple neoplasms malignant</i>		
Breast cancer	1	0
<i>Hodgkin's disease NEC</i>		
Hodgkin's disease	1	0
<i>Leukaemias NEC</i>		
Leukaemia	1	0
<i>Leukaemias acute NEC</i>		
Acute leukaemia	1	0
<i>Leukaemias chronic myeloid</i>		
Chronic myeloid leukaemia	1	0
<i>Lymphomas unspecified NEC</i>		
Lymphoma	2	0
<i>Respiratory tract and pleural neoplasms malignant cell type unspecified NEC</i>		
Lung neoplasm malignant	1	0
<i>Skin neoplasms benign</i>		
Haemangioma of skin	1	0
Skin papilloma	2	0
<i>Thyroid neoplasms malignant</i>		
Papillary thyroid cancer	1	0
<i>Uterine neoplasms benign</i>		
Uterine leiomyoma	4	0
<b>Neoplasms SOC TOTAL</b>	<b>16</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Nervous system disorders</b>		
<i>Abnormal reflexes</i>		
Areflexia	3	0
Hyporeflexia	1	0
<i>Abnormal sleep-related events</i>		
Sleep paralysis	1	0
<i>Acute polyneuropathies</i>		
Guillain-Barre syndrome	7	0
Miller Fisher syndrome	2	0
<i>Central nervous system haemorrhages and cerebrovascular accidents</i>		
Basal ganglia infarction	1	0
Cerebral haemorrhage	4	1
Cerebral infarction	1	0
Cerebrovascular accident	25	0
Ischaemic stroke	1	0
Lacunar stroke	1	0
Subarachnoid haemorrhage	3	1
<i>Central nervous system vascular disorders NEC</i>		
Brain hypoxia	2	0
<i>Cerebrovascular venous and sinus thrombosis</i>		
Cerebral venous sinus thrombosis	6	1
Cerebral venous thrombosis	1	0
<i>Chronic polyneuropathies</i>		
Chronic inflammatory demyelinating polyradiculoneuropathy	1	0
<i>Coma states</i>		
Coma	1	0
<i>Coordination and balance disturbances</i>		
Ataxia	2	0
Balance disorder	21	0
Coordination abnormal	2	0
Dysstasia	4	0
Nystagmus	1	0
<i>Cortical dysfunction NEC</i>		
Aphasia	6	0
<i>Cranial nerve disorders NEC</i>		
Cranial nerve paralysis	1	0
<i>Dementia (excl Alzheimer's type)</i>		
Dementia	1	0
<i>Demyelinating disorders NEC</i>		
Acute disseminated encephalomyelitis	1	0
Demyelination	1	0
Neuromyelitis optica spectrum disorder	1	0
<i>Disturbances in consciousness NEC</i>		
Depressed level of consciousness	2	0
Infant sedation	1	0
Lethargy	97	0
Loss of consciousness	27	0
Sedation	1	0
Somnolence	40	0
Syncope	97	0
<i>Dyskinesias and movement disorders NEC</i>		
Clumsiness	1	0
Dyskinesia	2	0

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Nervous system disorders</b> <small>Nervous system disorders cont'd</small>		
Hypokinesia	5	0
Movement disorder	4	0
Psychomotor hyperactivity	3	0
<b>Facial cranial nerve disorders</b>		
Bell's palsy	30	0
Facial paralysis	33	0
Facial paresis	5	0
Facial spasm	2	0
<b>Generalised tonic-clonic seizures</b>		
Generalised tonic-clonic seizure	4	0
<b>Headaches NEC</b>		
Cluster headache	19	0
External compression headache	1	0
Headache	1053	0
Primary headache associated with sexual activity	2	0
Sinus headache	20	0
Tension headache	28	0
Thunderclap headache	1	0
Vascular headache	1	0
<b>Hydrocephalic conditions</b>		
Hydrocephalus	2	0
<b>Increased intracranial pressure disorders</b>		
Brain oedema	1	1
<b>Lumbar spinal cord and nerve root disorders</b>		
Sciatica	9	0
<b>Memory loss (excl dementia)</b>		
Amnesia	12	0
Memory impairment	9	0
<b>Mental impairment (excl dementia and memory loss)</b>		
Cognitive disorder	12	0
Cognitive linguistic deficit	1	0
Disturbance in attention	21	0
Mental impairment	3	0
<b>Migraine headaches</b>		
Hemiplegic migraine	5	0
Migraine	181	0
Migraine with aura	8	0
Migraine without aura	1	0
Retinal migraine	3	0
Typical aura without headache	1	0
<b>Mononeuropathies</b>		
Cubital tunnel syndrome	1	0
Mononeuritis	1	0
Nerve compression	1	0
Piriformis syndrome	1	0
Pudendal canal syndrome	1	0
Ulnar tunnel syndrome	1	0
<b>Multiple sclerosis acute and progressive</b>		
Multiple sclerosis	1	0
<b>Muscle tone abnormal</b>		
Hypotonia	2	0
<b>Myelitis (incl infective)</b>		

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Reaction Name	Total	Fatal
<b>Nervous system disorders</b> Nervous system disorders cont'd		
Myelitis transverse	2	0
<b>Narcolepsy and hypersomnia</b>		
Hypersomnia	6	0
<b>Nervous system disorders NEC</b>		
Cerebral disorder	1	0
Nervous system disorder	1	0
Neurotoxicity	1	0
<b>Neurologic visual problems NEC</b>		
Tunnel vision	1	0
<b>Neurological signs and symptoms NEC</b>		
Cerebrospinal fluid leakage	1	0
Dizziness	476	0
Dizziness exertional	4	0
Dizziness postural	35	0
Drooling	2	0
Head discomfort	21	0
Myoclonus	1	0
Neurological symptom	5	0
Presyncope	16	0
Unresponsive to stimuli	3	0
<b>Neuromuscular disorders NEC</b>		
Muscle contractions involuntary	1	0
Muscle spasticity	1	0
<b>Neuromuscular junction dysfunction</b>		
Myasthenia gravis	1	0
<b>Olfactory nerve disorders</b>		
Anosmia	12	0
Hyposmia	2	0
Parosmia	15	0
<b>Paraesthesias and dysaesthesias</b>		
Burning feet syndrome	2	0
Burning sensation	27	0
Burning sensation mucosal	1	0
Dysaesthesia	1	0
Formication	4	0
Hemiparaesthesia	1	0
Hyperaesthesia	8	0
Hypoaesthesia	201	0
Paraesthesia	260	0
<b>Paralysis and paresis (excl cranial nerve)</b>		
Diplegia	3	0
Hemiparesis	5	0
Hemiplegia	2	0
Monoparesis	6	0
Monoplegia	7	0
Paralysis	9	0
Paresis	1	0
<b>Parkinson's disease and parkinsonism</b>		
Freezing phenomenon	2	0
Parkinson's disease	1	0
Reduced facial expression	1	0
<b>Partial complex seizures</b>		

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Reaction Name	Total	Fatal
<b>Nervous system disorders</b> <small>Nervous system disorders cont'd</small>		
Dreamy state	1	0
<b>Peripheral neuropathies NEC</b>		
Neuritis	3	0
Neuropathy peripheral	7	0
Polyneuropathy	1	0
<b>Seizures and seizure disorders NEC</b>		
Atonic seizures	1	0
Change in seizure presentation	1	0
Epilepsy	5	0
Febrile convulsion	1	0
Partial seizures	1	0
Psychogenic seizure	1	0
Seizure	33	0
Status epilepticus	3	0
Tonic clonic movements	1	0
Tonic convulsion	1	0
<b>Sensory abnormalities NEC</b>		
Ageusia	19	0
Allodynia	1	0
Central pain syndrome	1	0
Dysgeusia	52	0
Electric shock sensation	2	0
Morton's neuralgia	1	0
Neuralgia	53	0
Post herpetic neuralgia	1	0
Restless legs syndrome	14	0
Sensory disturbance	8	0
Sensory loss	6	0
Taste disorder	13	0
<b>Sleep disturbances NEC</b>		
Sleep deficit	1	0
<b>Speech and language abnormalities</b>		
Dysarthria	11	0
Slow speech	1	0
Speech disorder	1	0
<b>Spinal cord and nerve root disorders NEC</b>		
Radiculitis brachial	4	0
Radiculopathy	1	0
<b>Transient cerebrovascular events</b>		
Transient ischaemic attack	5	0
<b>Tremor (excl congenital)</b>		
Head titubation	2	0
Tremor	79	0
<b>Trigeminal disorders</b>		
Trigeminal neuralgia	8	0
<b>Nervous system disorders SOC TOTAL</b>	<b>3353</b>	<b>4</b>



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Reaction Name	Total	Fatal
<b>Pregnancy conditions</b>		
<i>Abortions spontaneous</i>		
Abortion spontaneous	39	0
<i>Foetal complications NEC</i>		
Foetal hypokinesia	1	0
<i>Hypertension associated disorders of pregnancy</i>		
Pre-eclampsia	1	0
<i>Maternal complications of pregnancy NEC</i>		
Decidual cast	1	0
Ectopic pregnancy	1	0
Morning sickness	2	0
Somatic symptom disorder of pregnancy	1	0
<i>Normal pregnancy, labour and delivery</i>		
Live birth	1	0
Uterine contractions during pregnancy	1	0
<i>Placental abnormalities (excl neoplasms)</i>		
Placental disorder	1	0
<i>Postpartum complications NEC</i>		
Postpartum haemorrhage	1	0
<i>Stillbirth and foetal death</i>		
Stillbirth	1	1
<b>Pregnancy conditions SOC TOTAL</b>	<b>51</b>	<b>1</b>

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Reaction Name	Total	Fatal
<b><i>Device malfunction events NEC</i></b>		
Thrombosis in device	2	0
<b><i>Product contamination and sterility issues</i></b>		
Product contamination	2	0
Product contamination physical	5	0
<b><i>Product physical issues</i></b>		
Liquid product physical issue	1	0
Product deposit	1	0
Product taste abnormal	1	0
<b>null SOC TOTAL</b>	<b>12</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Psychiatric disorders</b>		
<i><b>Adjustment disorders</b></i>		
Adjustment disorder with depressed mood	1	0
<i><b>Affect alterations NEC</b></i>		
Affect lability	1	0
Inappropriate affect	1	0
<i><b>Anxiety disorders NEC</b></i>		
Anxiety disorder	1	0
Generalised anxiety disorder	2	0
<i><b>Anxiety symptoms</b></i>		
Agitation	6	0
Anxiety	54	0
Nervousness	12	0
Stress	9	0
Tension	1	0
<i><b>Behaviour and socialisation disturbances</b></i>		
Paranoia	3	0
Personality change	1	0
<i><b>Cognitive and attention disorders and disturbances NEC</b></i>		
Distractibility	1	0
Mental fatigue	8	0
<i><b>Confusion and disorientation</b></i>		
Confusional state	36	0
Disorientation	12	0
<i><b>Deliria</b></i>		
Delirium	10	0
<i><b>Depressive disorders</b></i>		
Depression	20	0
<i><b>Dissociative states</b></i>		
Depersonalisation/derealisation disorder	1	0
Dissociation	2	0
<i><b>Disturbances in initiating and maintaining sleep</b></i>		
Initial insomnia	1	0
Insomnia	97	0
Middle insomnia	3	0
Terminal insomnia	1	0
<i><b>Dyssomnias</b></i>		
Poor quality sleep	10	0
<i><b>Emotional and mood disturbances NEC</b></i>		
Anger	2	0
Emotional disorder	6	0
Emotional distress	2	0
Euphoric mood	4	0
Irritability	14	0
Mood altered	2	0
<i><b>Fear symptoms and phobic disorders (incl social phobia)</b></i>		
Fear	1	0
<i><b>Fluctuating mood symptoms</b></i>		
Mood swings	13	0
<i><b>Hallucinations (excl sleep-related)</b></i>		
Hallucination	9	0
Hallucination, auditory	1	0
Hallucination, olfactory	1	0

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Reaction Name	Total	Fatal
<b>Psychiatric disorders</b> <small>Psychiatric disorders cont'd</small>		
<b><i>Increased physical activity levels</i></b>		
Restlessness	12	0
<b><i>Mood alterations with depressive symptoms</i></b>		
Anhedonia	1	0
Decreased interest	1	0
Depressed mood	29	0
Feeling of despair	1	0
Tearfulness	3	0
<b><i>Mood disorders NEC</i></b>		
Apathy	2	0
Listless	1	0
<b><i>Orgasmic disorders and disturbances</i></b>		
Orgasm abnormal	1	0
<b><i>Panic attacks and disorders</i></b>		
Panic attack	10	0
Panic reaction	4	0
<b><i>Parasomnias</i></b>		
Abnormal dreams	10	0
Nightmare	16	0
Sleep talking	1	0
Sleep terror	2	0
<b><i>Perception disturbances NEC</i></b>		
Deja vu	1	0
Derealisation	1	0
<b><i>Psychiatric elimination disorders</i></b>		
Enuresis	2	0
<b><i>Psychiatric symptoms NEC</i></b>		
Psychiatric symptom	1	0
<b><i>Psychotic disorder NEC</i></b>		
Psychotic disorder	1	0
<b><i>Sexual arousal disorders</i></b>		
Sexual inhibition	1	0
<b><i>Sexual desire disorders</i></b>		
Libido decreased	1	0
Loss of libido	1	0
<b><i>Sleep disorders NEC</i></b>		
Sleep disorder	9	0
<b><i>Somatic symptom disorders</i></b>		
Conversion disorder	3	0
<b><i>Speech and language usage disturbances</i></b>		
Disorganised speech	1	0
<b><i>Speech articulation and rhythm disturbances</i></b>		
Dysphemia	2	0
<b><i>Stereotypies and automatisms</i></b>		
Head banging	1	0
<b><i>Suicidal and self-injurious behaviour</i></b>		
Suicidal ideation	2	0
Suicide threat	1	0
<b><i>Thinking disturbances</i></b>		
Bradyphrenia	1	0
Tachyphrenia	1	0
<b>Psychiatric disorders SOC TOTAL</b>	<b>473</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Renal &amp; urinary disorders</b>		
<i><b>Bladder and urethral symptoms</b></i>		
Bladder pain	2	0
Dysuria	1	0
Incontinence	1	0
Micturition urgency	8	0
Pollakiuria	8	0
Urethral pain	1	0
Urinary incontinence	2	0
Urinary retention	2	0
Urine flow decreased	1	0
<i><b>Bladder disorders NEC</b></i>		
Bladder disorder	1	0
<i><b>Bladder infections and inflammations</b></i>		
Cystitis interstitial	1	0
<i><b>Renal disorders NEC</b></i>		
Renal disorder	1	0
<i><b>Renal failure and impairment</b></i>		
Acute kidney injury	1	0
Renal failure	1	0
<i><b>Renal lithiasis</b></i>		
Nephrolithiasis	3	0
<i><b>Renal vascular and ischaemic conditions</b></i>		
Renal infarct	2	0
<i><b>Urinary abnormalities</b></i>		
Chromaturia	3	0
Haematuria	2	0
Proteinuria	1	0
<i><b>Urinary tract signs and symptoms NEC</b></i>		
Haemorrhage urinary tract	3	0
Polyuria	1	0
Renal pain	18	0
<b>Renal &amp; urinary disorders SOC TOTAL</b>	<b>64</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Reproductive &amp; breast disorders</b>		
<i><b>Benign and malignant breast neoplasms</b></i>		
Breast cyst	1	0
<i><b>Breast disorders NEC</b></i>		
Breast enlargement	2	0
Breast mass	5	0
Mastoptosis	1	0
<i><b>Breast infections and inflammations</b></i>		
Breast inflammation	2	0
<i><b>Breast signs and symptoms</b></i>		
Breast discomfort	2	0
Breast engorgement	1	0
Breast oedema	1	0
Breast pain	65	0
Breast swelling	17	0
Breast tenderness	6	0
Nipple pain	2	0
<i><b>Erection and ejaculation conditions and disorders</b></i>		
Erectile dysfunction	2	0
<i><b>Lactation disorders</b></i>		
Lactation puerperal increased	1	0
Suppressed lactation	2	0
<i><b>Menopausal effects NEC</b></i>		
Menopausal symptoms	6	0
Premature menopause	1	0
<i><b>Menopausal effects on the genitourinary tract</b></i>		
Atrophic vulvovaginitis	1	0
Postmenopausal haemorrhage	8	0
<i><b>Menstruation and uterine bleeding NEC</b></i>		
Dysmenorrhoea	289	0
Intermenstrual bleeding	103	0
Menstrual discomfort	4	0
Menstrual disorder	205	0
Menstruation irregular	382	0
Premenstrual dysphoric disorder	1	0
Premenstrual headache	1	0
Premenstrual pain	17	0
Premenstrual syndrome	15	0
<i><b>Menstruation with decreased bleeding</b></i>		
Amenorrhoea	52	0
Hypomenorrhoea	69	0
Menstruation delayed	531	0
Oligomenorrhoea	19	0
<i><b>Menstruation with increased bleeding</b></i>		
Heavy menstrual bleeding	564	0
Menometrorrhagia	1	0
Polymenorrhoea	86	0
<i><b>Ovarian and fallopian tube cysts and neoplasms</b></i>		
Ovarian cyst	5	0
<i><b>Ovarian and fallopian tube disorders NEC</b></i>		
Ovarian haemorrhage	1	0
Ovulation pain	6	0
Premature ovulation	1	0

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Reaction Name	Total	Fatal
<b>Reproductive &amp; breast disorders</b>		
<i>Reproductive &amp; breast disorders cont'd</i>		
<b><i>Pelvis and broad ligament disorders NEC</i></b>		
Adnexa uteri pain	7	0
Pelvic congestion	1	0
<b><i>Penile disorders NEC (excl erection and ejaculation)</i></b>		
Penile discomfort	1	0
Penis disorder	1	0
<b><i>Reproductive tract disorders NEC (excl neoplasms)</i></b>		
Genital haemorrhage	1	0
<b><i>Reproductive tract signs and symptoms NEC</i></b>		
Genital burning sensation	1	0
Genital rash	1	0
Pelvic discomfort	1	0
Pelvic pain	3	0
Perineal pain	1	0
<b><i>Sexual function and fertility disorders NEC</i></b>		
Dyspareunia	1	0
<b><i>Testicular and epididymal disorders NEC</i></b>		
Testicular disorder	1	0
Testicular pain	5	0
<b><i>Uterine disorders NEC</i></b>		
Adenomyosis	1	0
Endometriosis	10	0
Uterine haemorrhage	2	0
Uterine pain	1	0
<b><i>Uterine tone disorders</i></b>		
Uterine spasm	6	0
<b><i>Vulvovaginal cysts and neoplasms</i></b>		
Vaginal polyp	1	0
<b><i>Vulvovaginal disorders NEC</i></b>		
Vaginal haemorrhage	166	0
Vaginal ulceration	1	0
Vulval disorder	1	0
Vulvovaginal ulceration	1	0
<b><i>Vulvovaginal signs and symptoms</i></b>		
Vaginal discharge	5	0
Vulvovaginal dryness	1	0
Vulvovaginal erythema	1	0
Vulvovaginal pain	3	0
Vulvovaginal rash	1	0
Vulvovaginal swelling	1	0
<b>Reproductive &amp; breast disorders SOC TOTAL</b>	<b>2705</b>	<b>0</b>

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Reaction Name	Total	Fatal
<b>Respiratory disorders</b>		
<b><i>Breathing abnormalities</i></b>		
Dyspnoea	399	0
Dyspnoea exertional	4	0
Hyperventilation	4	0
Hypopnoea	7	0
Irregular breathing	2	0
Respiration abnormal	1	0
Respiratory distress	1	0
Sleep apnoea syndrome	1	0
<b><i>Bronchospasm and obstruction</i></b>		
Asthma	15	0
Wheezing	25	0
<b><i>Coughing and associated symptoms</i></b>		
Cough	123	0
Haemoptysis	4	0
Productive cough	10	0
<b><i>Laryngeal spasm, oedema and obstruction</i></b>		
Stridor	1	0
<b><i>Lower respiratory tract inflammatory and immunologic conditions</i></b>		
Pneumonitis	1	0
<b><i>Lower respiratory tract signs and symptoms</i></b>		
Hiccups	1	0
Pleuritic pain	3	0
Pulmonary pain	7	0
<b><i>Mediastinal disorders</i></b>		
Mediastinal mass	1	0
<b><i>Nasal congestion and inflammations</i></b>		
Nasal congestion	14	0
<b><i>Nasal disorders NEC</i></b>		
Epistaxis	64	0
Nasal dryness	1	0
<b><i>Paranasal sinus disorders (excl infections and neoplasms)</i></b>		
Sinus congestion	4	0
<b><i>Parenchymal lung disorders NEC</i></b>		
Interstitial lung disease	1	0
<b><i>Pharyngeal disorders (excl infections and neoplasms)</i></b>		
Pharyngeal hypoaesthesia	2	0
Pharyngeal swelling	12	0
Tonsillar hypertrophy	2	0
<b><i>Pleural infections and inflammations</i></b>		
Pleurisy	2	0
<b><i>Pneumothorax and pleural effusions NEC</i></b>		
Pleural effusion	2	0
<b><i>Pulmonary oedemas</i></b>		
Pulmonary congestion	1	0
Pulmonary oedema	1	0
<b><i>Pulmonary thrombotic and embolic conditions</i></b>		
Pulmonary embolism	32	3
<b><i>Respiratory failures (excl neonatal)</i></b>		
Respiratory failure	1	0
<b><i>Respiratory signs and symptoms NEC</i></b>		
Painful respiration	2	0



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Reaction Name	Total	Fatal
<b>Respiratory disorders</b> <small>Respiratory disorders cont'd</small>		
<b><i>Respiratory tract disorders NEC</i></b>		
Respiratory tract oedema	1	0
<b><i>Upper respiratory tract signs and symptoms</i></b>		
Aphonia	3	0
Choking	2	0
Choking sensation	2	0
Dry throat	9	0
Dysphonia	6	0
Increased upper airway secretion	1	0
Nasal discomfort	3	0
Oropharyngeal discomfort	2	0
Oropharyngeal pain	120	0
Paranasal sinus discomfort	5	0
Rhinorrhoea	43	0
Sinus pain	12	0
Sneezing	26	0
Throat clearing	2	0
Throat irritation	16	0
Throat tightness	8	0
Upper-airway cough syndrome	1	0
<b>Respiratory disorders SOC TOTAL</b>	<b>1013</b>	<b>3</b>

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Reaction Name	Total	Fatal
<b>Skin disorders</b>		
<b><i>Acnes</i></b>		
Acne	18	0
Acne cystic	4	0
Dermatitis acneiform	1	0
<b><i>Alopecias</i></b>		
Alopecia	39	0
Alopecia areata	9	0
<b><i>Angioedemas</i></b>		
Angioedema	13	0
<b><i>Apocrine and eccrine gland disorders</i></b>		
Cold sweat	36	0
Hyperhidrosis	118	0
Miliaria	8	0
Night sweats	47	0
<b><i>Bullous conditions</i></b>		
Blister	27	0
Blood blister	2	0
Dermatitis bullous	1	0
Erythema multiforme	5	0
<b><i>Connective tissue disorders</i></b>		
Subacute cutaneous lupus erythematosus	2	0
<b><i>Dermal and epidermal conditions NEC</i></b>		
Dermatosis	1	0
Dry skin	12	0
Pain of skin	13	0
Papule	8	0
Scab	1	0
Sensitive skin	12	0
Skin burning sensation	7	0
Skin discolouration	5	0
Skin discomfort	1	0
Skin disorder	1	0
Skin fissures	1	0
Skin lesion	2	0
Skin odour abnormal	4	0
Skin plaque	1	0
Skin reaction	9	0
Skin sensitisation	1	0
Skin swelling	7	0
Skin tightness	3	0
Skin warm	18	0
Yellow skin	2	0
<b><i>Dermatitis and eczema</i></b>		
Dermatitis	10	0
Dermatitis allergic	20	0
Dermatitis atopic	3	0
Dermatitis contact	2	0
Dermatitis diaper	2	0
Dyshidrotic eczema	2	0
Eczema	25	0
Eczema asteatotic	1	0
Eczema infantile	1	0

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Reaction Name	Total	Fatal
<b>Skin disorders</b> Skin disorders cont'd		
Hand dermatitis	1	0
Skin irritation	7	0
<b><i>Dermatitis ascribed to specific agent</i></b>		
Drug eruption	1	0
<b><i>Erythemas</i></b>		
Erythema	92	0
Pernio-like erythema	1	0
<b><i>Exfoliative conditions</i></b>		
Exfoliative rash	1	0
Skin exfoliation	15	0
<b><i>Hyperpigmentation disorders</i></b>		
Solar lentigo	1	0
<b><i>Hypopigmentation disorders</i></b>		
Skin depigmentation	1	0
Vitiligo	3	0
<b><i>Nail and nail bed conditions (excl infections and infestations)</i></b>		
Nail discolouration	1	0
Onychalgia	1	0
<b><i>Panniculitides</i></b>		
Erythema nodosum	4	0
<b><i>Papulosquamous conditions</i></b>		
Lichen planus	2	0
Pityriasis rosea	8	0
<b><i>Photosensitivity and photodermatosis conditions</i></b>		
Photosensitivity reaction	3	0
<b><i>Pigmentation changes NEC</i></b>		
Pigmentation disorder	1	0
<b><i>Pilar disorders NEC</i></b>		
Hair colour changes	2	0
Piloerection	2	0
<b><i>Pruritus NEC</i></b>		
Itching scar	1	0
Pruritus	315	0
<b><i>Psoriatic conditions</i></b>		
Guttate psoriasis	4	0
Psoriasis	15	0
<b><i>Purpura and related conditions</i></b>		
Ecchymosis	1	0
Henoch-Schonlein purpura	1	0
Petechiae	7	0
Purpura	4	0
<b><i>Rashes, eruptions and exanthems NEC</i></b>		
Rash	303	0
Rash erythematous	65	0
Rash macular	36	0
Rash maculo-papular	6	0
Rash morbilliform	3	0
Rash papular	17	0
Rash pruritic	75	0
Rash vesicular	4	0
<b><i>Rosaceas</i></b>		
Rosacea	2	0

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Reaction Name	Total	Fatal
<b>Skin disorders</b> Skin disorders cont'd		
<b><i>Sebaceous gland disorders</i></b>		
Seborrhoea	1	0
<b><i>Skin and subcutaneous tissue ulcerations</i></b>		
Skin erosion	2	0
Skin ulcer	2	0
<b><i>Skin cysts and polyps</i></b>		
Dermal cyst	1	0
<b><i>Skin hypoplasias and atrophies</i></b>		
Skin striae	1	0
<b><i>Skin injuries and mechanical dermatoses</i></b>		
Decubitus ulcer	1	0
Needle track marks	1	0
<b><i>Skin vasculitides</i></b>		
Capillaritis	1	0
Cutaneous vasculitis	1	0
Vasculitic rash	2	0
<b><i>Telangiectasia and related conditions</i></b>		
Spider naevus	1	0
<b><i>Urticarias</i></b>		
Chronic spontaneous urticaria	1	0
Urticaria	123	0
Urticaria chronic	4	0
<b>Skin disorders SOC TOTAL</b>	<b>1653</b>	<b>0</b>

# COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

Report Run Date: 21-Mar-2022

Data Lock Date: 09-Mar-2022 18:30:05  
MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Social circumstances</b>		
<i>Age related issues</i>		
Infant	1	0
Menopause	2	0
<i>Dependents</i>		
Sick relative	1	0
<i>Disability issues</i>		
Bedridden	2	0
Sight disability	1	0
<i>Social issues NEC</i>		
Hair dye user	1	0
<b>Social circumstances SOC TOTAL</b>	<b>8</b>	<b>0</b>

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Report Run Date: 21-Mar-2022

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Surgical &amp; medical procedures</b>		
<i>Breast therapeutic procedures NEC</i>		
Mammoplasty	1	0
<i>Dietary and nutritional therapies</i>		
Medical diet	1	0
<i>Gynaecological therapeutic procedures NEC</i>		
Menstrual cycle management	3	0
<i>Immunisations</i>		
COVID-19 immunisation	4	0
Immunisation	14	1
<i>Limb therapeutic procedures</i>		
Limb immobilisation	1	0
<i>Retinal therapeutic procedures</i>		
Retinopexy	1	0
<i>Skin and subcutaneous tissue therapeutic procedures NEC</i>		
Dermal filler injection	1	0
<i>Therapeutic procedures NEC</i>		
Injection	4	0
Medication dilution	1	0
Promotion of wound healing	1	0
<b>Surgical &amp; medical procedures SOC TOTAL</b>	<b>32</b>	<b>1</b>

# COVID-19 mRNA Pfizer-BioNTech Vaccine Analysis Print (2)

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MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Vascular disorders</b>		
<b><i>Accelerated and malignant hypertension</i></b>		
Hypertensive crisis	1	0
Malignant hypertension	1	0
<b><i>Aortic aneurysms and dissections</i></b>		
Aortic aneurysm	1	0
<b><i>Bruising, ecchymosis and purpura</i></b>		
Achenbach syndrome	1	0
<b><i>Circulatory collapse and shock</i></b>		
Circulatory collapse	5	0
Shock	1	0
<b><i>Haemorrhages NEC</i></b>		
Bloody discharge	2	0
Haematoma	6	0
Haemorrhage	136	0
Internal haemorrhage	1	0
<b><i>Lymphoedemas</i></b>		
Lymphoedema	7	0
<b><i>Non-site specific embolism and thrombosis</i></b>		
Arterial thrombosis	1	0
Embolism	3	0
Embolism arterial	1	0
Microembolism	1	0
Thrombosis	34	0
<b><i>Non-site specific vascular disorders NEC</i></b>		
Capillary fragility	1	0
Vascular pain	1	0
Vasodilatation	1	0
Vein rupture	2	0
<b><i>Peripheral embolism and thrombosis</i></b>		
Blue toe syndrome	3	0
Deep vein thrombosis	16	0
Pelvic venous thrombosis	1	0
Superficial vein thrombosis	1	0
Thrombophlebitis	1	0
<b><i>Peripheral vascular disorders NEC</i></b>		
Cyanosis	1	0
Erythromelalgia	1	0
Flushing	22	0
Hot flush	48	0
<b><i>Peripheral vasoconstriction, necrosis and vascular insufficiency</i></b>		
Ischaemic limb pain	1	0
Jugular vein occlusion	1	0
May-Thurner syndrome	1	0
Peripheral coldness	10	0
Poor peripheral circulation	1	0
Raynaud's phenomenon	5	0
<b><i>Site specific vascular disorders NEC</i></b>		
Pallor	17	0
<b><i>Varicose veins NEC</i></b>		
Varicose vein	2	0
<b><i>Vascular hypertensive disorders NEC</i></b>		
Hypertension	25	0

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Report Run Date: 21-Mar-2022

Data Lock Date: 09-Mar-2022 18:30:05  
MedDRA Version: MedDRA 24.1

Reaction Name	Total	Fatal
<b>Vascular disorders</b> Vascular disorders cont'd		
<i>Vascular hypotensive disorders</i>		
Hypotension	15	0
Orthostatic hypotension	1	0
<i>Vasculitides NEC</i>		
Vasculitis	2	0
<b>Vascular disorders SOC TOTAL</b>	<b>382</b>	<b>0</b>
<b>TOTAL REACTIONS FOR DRUG</b>	<b>23146</b>	<b>30</b>
<b>TOTAL REPORTS</b>	<b>8323</b>	
<b>TOTAL FATAL OUTCOME REPORTS</b>		<b>30</b>