

Vaccine fatalities by adverse event category

The following tables summarise the types of symptoms and conditions (**reactions**) listed in each category, as related to a **report** that was filed as a fatality in that category for all brands of the vaccine plus for entries where the vaccine was unknown. These following tables have been generated by TCW from data from accessible here <https://www.gov.uk/government/publications/coronavirus-covid-19-vaccine-adverse-reactions/coronavirus-vaccine-summary-of-yellow-card-reporting>

The total number of reported fatality reaction types tabulated below totals **2191** (1287 AstraZeneca plus 794 Pfizer plus 62 Moderna plus 48 Vaccine unknown)

1. AstraZeneca

CATEGORY	REACTION TYPE RECORDED ASSOCIATED WITH ONE OR MORE FATALITY MHRA YELLOWCARD DATA SUMMARY UP TO 15 TH JUNE (PUBLISHED 24 TH JUNE 2022) ASTRAZENECA ONLY	FATALITES IN CATEGORY
BLOOD DISORDERS	Disseminated Intravascular Coagulation, Hypercoagulation, Blood Disorder, Pancytopenia, Immune Thrombocytopenia, Thrombocytopenia, Thrombosis With Thrombocytopenia Syndrome	17
CARDIAC DISORDERS	Atrioventricular Block, Acute Cardiac Event, Cardiac Disorder, Cardiac Ventricular Thrombosis, Intracardiac Thrombus, Cardiac Valve Disease, Cardiomyopathy, Congestive Cardiomyopathy, Arteriosclerosis Coronary Artery, Coronary Artery Dissection, Coronary Artery Thrombosis, Cardiac Failure, Cardiac Failure Acute, Cardiac Failure Chronic, Cardiac Failure Congestive, Cardiogenic Shock, Cardiopulmonary Failure, Acute Myocardial Infarction, Myocardial Infarction, Myocardial Ischaemia, Left Ventricular Failure, Cardiomegaly, Ventricular Hypertrophy, Myocarditis, Cardiac Tamponade, Pericardial Haemorrhage, Arrhythmia, Bradycardia, Right Ventricular Failure, Atrial Fibrillation, Cardiac Arrest, Cardio-Respiratory Arrest, Ventricular Fibrillation	209
CONGENITAL DISORDERS	Neural Tube Defect, Huntingdon's Disease	2
EAR DISORDERS	Deafness	1
ENDOCRINE & EYE DISORDERS		0
GASTRO- INTESTINAL DISORDERS	Obstructive Pancreatitis, Pancreatitis, Colitis Ischaemic, Duodenal Ulcer Haemorrhage, Gastric Haemorrhage, Abdominal Pain, Cardiospasm, Volvulus, Intestinal Infarction, Intestinal Ischaemia, Visceral Venous Thrombosis, Gastrointestinal Haemorrhage, Oesophageal Rupture	15
GENERAL DISORDERS	Asthenia, Brain Death, Cardiac Death, Death, Hanging, Sudden Cardiac Death, Sudden Death, Sudden Unexplained Death in Epilepsy, Disease Progression, General Physical Health Deterioration, Illness, Multiple Organ Dysfunction Syndrome, Drug Ineffective,	405
HEPATIC DISORDERS	Hepatic Failure, Hepatic Cirrhosis, Budd-Chiari Syndrome, Hepatic Infarction, Portal Vein Thrombosis, Hepatic Necrosis, Hepatitis Acute	9
IMMUNE SYSTEM DISORDERS	Hypersensitivity, Anaphylactic Reaction, Haemophagocytic Lymphohistiocytosis, Anti-Neutrophil Cytoplasmic Antibody Positive Vasculitis	6
INFECTIONS	Bacterial Infection, Pneumonia Bacterial, Osteomyelitis, Encephalitis, COVID-19, COVID-19 Pneumonia, Pyometra,	116

	Biliary Sepsis, Infection, Respiratory Tract Infection, Infective Pulmonary Exacerbation Of Cystic Fibrosis, Lower Respiratory Tract Infection, Pneumonia, Pneumonia Aspiration, Sepsis, Septic Shock, Urosepsis, Staphylococcal Sepsis, Meningitis Pneumococcal, Tuberculosis, Pneumonia Viral	
INJURIES	Subdural Haematoma, Joint Dislocation	2
INVESTIGATIONS	Immunology Test, Platelet Count Decreased	2
METABOLIC DISORDERS	Diabetic Ketoacidosis, Hyponatraemic Syndrome	3
MUSCLE & TISSUE DISORDERS	Rhabdomyolysis	1
NEOPLASMS	T-Cell Lymphoma, Leukaemia, Acute Myeloid Leukaemia, Metastases To Central Nervous System, Metastases To Lung, Metastasis, Neoplasm Malignant, Brain Neoplasm, Non-Hodgkin's Lymphoma, Lung Adenocarcinoma, Lung Neoplasm Malignant, Small Cell Lung Cancer Metastatic	16
NERVOUS SYSTEM DISORDERS	Guillain-Barre Syndrome, Intracranial Aneurysm, Basal Ganglia Stroke, Basilar Artery Thrombosis, Brain Stem Embolism, Brain Stem Haemorrhage, Brain Stem Infarction, Brain Stem Stroke, Brain Stem Thrombosis, Cerebral Artery Occlusion, Cerebral Haematoma, Cerebral Haemorrhage, Cerebral Infarction, Cerebral Thrombosis, Cerebrovascular Accident, Embolic Stroke, Haemorrhage Intracranial, Haemorrhagic Cerebral Infarction, Haemorrhagic Stroke, Haemorrhagic Transformation Stroke, Intracranial Haematoma, Ischaemic Stroke, Subarachnoid Haemorrhage, Cerebral Venous Sinus Thrombosis, Cerebral Venous Thrombosis, Superior Sagittal Sinus Thrombosis, Autoimmune Encephalopathy, Thunderclap Headache, Hydrocephalus, Brain Oedema, Dizziness Postural, Epilepsy, Seizure, Status Epilepticus, Brain Injury, Transient Ischaemic Attack, Tremor	237
PREGNANCY CONDITIONS	Stillbirth	5
PRODUCT/DEVICE ISSUES	Thrombosis In Device	1
PSYCHIATRIC DISORDERS	Catastrophic Reaction, Completed Suicide	5
RENAL & URINARY DISORDERS	Urinary Bladder Haemorrhage, Acute Kidney Injury, Chronic Kidney Disease, Renal Failure, Renal Injury, Renal Infarct	7
REPRODUCTIVE & BREAST DISORDERS		0
RESPIRATORY DISORDERS	Chronic Obstructive Pulmonary Disease, Asphyxia, Hypoxia, Pneumonitis, Pulmonary Haemorrhage, Idiopathic Pulmonary Fibrosis, Interstitial Lung Disease, Pleural Effusion, Pulmonary Hypertension, Pulmonary Oedema, Pulmonary Embolism, Pulmonary Infarction, Pulmonary Thrombosis, Acute Respiratory Failure, Respiratory Failure, Aspiration, Chronic Respiratory Disease	149
SKIN DISORDERS		0
VASCULAR DISORDERS	Aneurysm, Aortic Aneurysm Rupture, Aortic Dissection, Aortic Embolus, Aortic Thrombosis, Circulatory Collapse, Shock, Haemorrhage, Arterial Thrombosis, Embolism, Embolism Venous, Thrombosis, Deep Vein Thrombosis, Pelvic Venous Thrombosis, Peripheral Ischaemia, Hypertension, Diffuse Vasculitis, MAGIC Syndrome, Vasculitis, Vena Cava Thrombosis	79
TOTAL FATALITES		1287

2. Pfizer

CATEGORY	REACTION TYPE RECORDED ASSOCIATED WITH ONE OR MORE FATALITY MHRA YELLOWCARD DATA SUMMARY UP TO 15TH JUNE (PUBLISHED 24TH JUNE 2022) PFIZER- BIONTECH ONLY	FATALITES IN CATEGORY
BLOOD DISORDERS	Coagulopathy, Leukopenia, Aplastic Anaemia, Thrombocytopenia	5
CARDIAC DISORDERS	Atrioventricular Block, Atrioventricular Block Complete, Cardiac Disorder, Hypertensive Heart Disease, Palpitations, Cardiomyopathy, Coronary Artery Disease, Coronary Artery Thrombosis, Endocarditis - Non-Infective, Cardiac Failure, Cardiac Failure Acute, Cardiac Failure Chronic, Cardiac Failure Congestive, Cardiogenic Shock, Cardiopulmonary Failure, Acute Coronary Syndrome, Acute Myocardial Infarction, Angina Pectoris, Myocardial Infarction, Myocardial Ischaemia, Acute Left Ventricular Failure, Left Ventricular Failure, Cardiac Aneurysm, Cardiomegaly, Myocarditis, Pericarditis, Cardiac Tamponade, Pericardial Effusion, Pericardial Haemorrhage, Arrhythmia, Atrial Fibrillation, Cardiac Arrest, Cardio-Respiratory Arrest, Ventricular Fibrillation	164
CONGENITAL DISORDERS	Spina Bifida	1
EAR, ENDOCRINE & EYE DISORDERS		0
GASTRO- INTESTINAL DISORDERS	Pancreatitis Acute, Colitis, Gastric Haemorrhage, Dysphagia, Intestinal Ischaemia, Haemorrhoids, Anal Haemorrhage, Intestinal Perforation, Large Intestinal Obstruction, Vomiting, Gastrointestinal Haemorrhage, Upper Gastrointestinal Haemorrhage, Retroperitoneal Haemorrhage	18
GENERAL DISORDERS	Fatigue, Malaise, Brain Death, Cardiac Death, Clinical Death, Death, Sudden Cardiac Death, Sudden Death, Concomitant Disease Progression, General Physical Health Deterioration, Multiple Organ Dysfunction Syndrome, Organ Failure, Adverse Drug Reaction	250
HEPATIC DISORDERS	Hepatic Failure	1
IMMUNE SYSTEM DISORDERS	Anaphylactic Reaction	2
INFECTIONS	Peritonitis, Zoonotic Bacterial Infection, COVID-19, COVID-19 Pneumonia, Suspected COVID-19, Herpes Simplex Encephalitis, Lower Respiratory Tract Infection, Pneumonia, Pneumonia Aspiration, Neutropenic Sepsis, Sepsis, Septic Shock, Furuncle, Nasopharyngitis, Encephalitis Viral, Pneumonia Viral	120
INJURIES	Traumatic Intracranial Haemorrhage	1
INVESTIGATIONS	Clot Retraction, Foetal Heart Rate Abnormal,	3
METABOLIC DISORDERS	Diabetes Mellitus Inadequate Control, Ketoacidosis	2
MUSCLE & TISSUE DISORDERS	Pain In Extremities	1
NEOPLASMS	B-Cell Lymphoma, Bone Cancer, Gastric Cancer, Hepatic Cancer, Leukaemia, Lymphoma, Neoplasm Malignant, Spinal Cord Neoplasm, Lung Cancer Metastatic, Lung Neoplasm Malignant	13
NERVOUS SYSTEM DISORDERS	Guillain-Barre Syndrome, Dementia Alzheimer's Type, Intracranial Aneurysm, Brain Stem Haemorrhage, Brain Stem Infarction, Cerebellar Stroke, Cerebral Artery Embolism, Cerebral Haemorrhage, Cerebral Infarction, Cerebrovascular	95

	Accident, Haemorrhage Intracranial, Haemorrhagic Stroke, Ischaemic Stroke, Subarachnoid Haemorrhage, Thrombotic Stroke, Brain Hypoxia, Cerebral Venous Sinus Thrombosis, Loss Of Consciousness, Autoimmune Encephalopathy, Headache, Brain Oedema, Motor Neurone Disease, Tumefactive Multiple Sclerosis, Paralysis, Seizure, Brain Injury, Transient Ischaemic Attack	
PREGNANCY CONDITIONS	Foetal Growth Restriction, Premature Baby, Foetal Death, Stillbirth	14
PSYCHIATRIC DISORDERS	Psychotic Disorder, Completed Suicide	3
RENAL & URINARY DISORDERS	Renal Disorder, Acute Kidney Injury, Renal Failure, Renal Vasculitis, Haemorrhage Urinary Tract	8
REPRODUCTIVE & BREAST DISORDERS	Nipple Pain	1
RESPIRATORY DISORDERS	Dyspnoea, Dyspnoea Exertional, Asthma, Chronic Obstructive Pulmonary Disease, Hypoxia, Cough, Eosinophilic Pneumonia, Pneumonitis, Interstitial Lung Disease, Lung Infiltration, Acute Respiratory Distress Syndrome, Pulmonary Oedema, Pulmonary Embolism, Pulmonary Thrombosis, Acute Respiratory Failure, Respiratory Failure, Painful Respiration, Respiratory Disorder	67
SKIN DISORDERS	Toxic Epidermal Necrolysis, Rash	2
SURGICAL & MEDICAL PROCEDURES	Immunisation	1
VASCULAR DISORDERS	Aortic Aneurysm Rupture, Hypovolaemic Shock, Haemorrhage, Internal Haemorrhage, Embolism Venous, Thrombosis, Deep Vein Thrombosis, Aortic Rupture, Hypotension	22
TOTAL FATALITES		794

3. Moderna

CATEGORY	REACTION TYPE RECORDED ASSOCIATED WITH ONE OR MORE FATALITY MHRA YELLOWCARD DATA SUMMARY UP TO 15TH JUNE (PUBLISHED 24TH JUNE 2022) MODERNA ONLY	FATALITES IN CATEGORY
CARDIAC DISORDERS	Arteriosclerosis Coronary Artery, Cardiopulmonary Failure, Myocardial Infarction, Tachycardia, Cardiac Arrest	12
BLOOD, CONGENITAL, EAR, ENDOCRINE & EYE DISORDERS		0
GASTRO- INTESTINAL, HEPATIC & IMMUNE DISORDERS		0
GENERAL DISORDERS	Cardiac Death, Death, Sudden Cardiac Death, Sudden Death, Pyrexia, Multiple Organ Dysfunction Syndrome	30
INFECTIONS	Empyema, Lower Respiratory Tract Infection, Pneumonia, Rabies	8
METABOLIC DISORDERS	Diabetic Ketoacidosis, Hyponatraemic Syndrome	0
MUSCLE & TISSUE DISORDERS	Pain In Extremity	1
NEOPLASMS & PSYCHIATRIC DISORDERS		0

NERVOUS SYSTEM DISORDERS	Cerebral Haemorrhage, Cerebrovascular Accident, Ruptured Cerebral Aneurysm,	5
PREGNANCY CONDITIONS	Stillbirth	1
RENAL & URINARY, REPRODUCTIVE & BREAST DISORDERS		0
RESPIRATORY DISORDERS	Respiratory Arrest, Pulmonary Embolism	4
SKIN DISORDERS	Dermatitis Exfoliative Generalised	1
VASCULAR DISORDERS		0
TOTAL FATALITES		62

4. Brand Unknown

CATEGORY	REACTION TYPE RECORDED ASSOCIATED WITH ONE OR MORE FATALITY MHRA YELLOWCARD DATA SUMMARY UP TO 15TH JUNE (PUBLISHED 24TH JUNE 2022) BRAND UNKNOWN ONLY	FATALITES IN CATEGORY
BLOOD DISORDERS	Blood Disorder, Immune Thrombocytopenia	4
CARDIAC DISORDERS	Myocardial Infarction, Myocardial Ischaemia, Cardiomegaly, Cardiac Arrest	8
GASTRO- INTESTINAL DISORDERS	Gastrointestinal Haemorrhage	1
GENERAL DISORDERS	Death, Sudden Death, Inflammation	16
HEPATIC DISORDERS	Portal Vein Thrombosis	1
INFECTIONS	COVID-19, Lower Respiratory Tract Infection, Pneumonia	5
INJURIES	Subdural Haematoma	1
NEOPLASMS	Acute Myeloid Leukaemia, Lung Neoplasm Malignant	2
NERVOUS SYSTEM DISORDERS	Basilar Artery Thrombosis, Cerebrovascular Accident, Cerebral Venous Sinus Thrombosis	3
RESPIRATORY DISORDERS	Dyspnoea, Chronic Obstructive Pulmonary Disease, Asphyxia, Pulmonary Embolism, Pulmonary Thrombosis	7
TOTAL FATALITES		48