



 EudraVigilance - European database of suspected adverse drug reaction reports

The European Medicines Agency publishes these data so that its stakeholders, including the general public, can access information that European regulatory authorities use to review the safety of a medicine or active substance. **Transparency** is a key guiding principle of the Agency.

COVID-19 Vaccine Adverse Drug Reactions
27,247 DEAD
2,563,768 Injuries Through Oct 09, 2021
 COVID-19 MRNA VACCINE MODERNA (CX-024414)
 COVID-19 MRNA VACCINE PFIZER-BIONTECH
 COVID-19 VACCINE ASTRAZENECA (CHADOX1 NCOV-19)
 COVID-19 VACCINE JANSSEN (AD26.COV2.S)

 EUROPEAN MEDICINES AGENCY
 SCIENCE MEDICINES HEALTH

 EudraVigilance

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The European Union database of suspected drug reaction reports is [EudraVigilance](#),^[1] and they are now reporting 27,247 fatalities, and 2,563,768 injuries, following COVID-19 injections.

A *Health Impact News* subscriber from Europe reminded us that this database maintained at EudraVigilance is only for countries in Europe who are part of the European Union (EU), which comprises 27 countries.

The total number of countries in Europe is much higher, almost twice as many, numbering around 50. (There are some differences of opinion as to which countries are technically part of Europe.)

So as high as these numbers are, they do NOT reflect all of Europe. The actual number in Europe who are reported dead or injured following COVID-19 shots would be much higher than what we are reporting here.

The EudraVigilance database reports that through September 25, 2021 there are **27,247 deaths and 2,563,768 injuries** reported following injections of four experimental COVID-19 shots:

COVID-19 MRNA VACCINE MODERNA (CX-024414).^[2]

COVID-19 MRNA VACCINE PFIZER-BIONTECH^[3]

COVID-19 VACCINE ASTRAZENECA (CHADOX1 NCOV-19).^[4]

COVID-19 VACCINE JANSSEN (AD26.COV2.S)^[5]

From the total of injuries recorded, almost half of them (1,222,818) are **serious** injuries.

*"**Seriousness** provides information on the suspected undesirable effect; it can be classified as 'serious' if it corresponds to a medical occurrence that results in **death**, is life-threatening, requires inpatient hospitalisation, results in another medically important condition, or prolongation of existing hospitalisation, results in persistent or significant disability or incapacity, or is a congenital anomaly/birth defect."*

A *Health Impact News* subscriber in Europe ran the reports for each of the four COVID-19 shots we are including here. It is a lot of work to tabulate each reaction with injuries and fatalities, since there is no place on the EudraVigilance^[6] system we have found that tabulates all the results.

Since we have started publishing this, others from Europe have also calculated the numbers and confirmed the totals.*

Here is the summary data through October 9, 2021.

Total reactions for the mRNA vaccine **Tozinameran** (code **BNT162b2, Comirnaty**) from **BioNTech/ Pfizer: 12,835 deaths** and **1,124,072 injuries** to 09/10/2021

30,454	Blood and lymphatic system disorders	incl. 177 deaths
32,024	Cardiac disorders	incl. 1,894 deaths
296	Congenital, familial and genetic disorders	incl. 24 deaths
15,348	Ear and labyrinth disorders	incl. 10 deaths
943	Endocrine disorders	incl. 5 deaths
17,445	Eye disorders	incl. 30 deaths
97,494	Gastrointestinal disorders	incl. 528 deaths
291,182	General disorders and administration site conditions	incl. 3,649 deaths
1,271	Hepatobiliary disorders	incl. 63 deaths
11,416	Immune system disorders	incl. 66 deaths
40,375	Infections and infestations	incl. 1,269 deaths
14,956	Injury, poisoning and procedural complications	incl. 201 deaths
28,358	Investigations	incl. 404 deaths
7,934	Metabolism and nutrition disorders	incl. 231 deaths
145,368	Musculoskeletal and connective tissue disorders	incl. 159 deaths
922	Neoplasms benign, malignant and unspecified (incl cysts and polyps)	incl. 91 deaths
195,566	Nervous system disorders	incl. 1,394 deaths
1,495	Pregnancy, puerperium and perinatal conditions	incl. 44 deaths
177	Product issues	incl. 1 death

20,700 Psychiatric disorders **incl. 164 deaths**
 3,873 Renal and urinary disorders **incl. 209 deaths**
 30,210 Reproductive system and breast disorders **incl. 4 deaths**
 48,955 Respiratory, thoracic and mediastinal disorders **incl. 1,504 deaths**
 53,542 Skin and subcutaneous tissue disorders **incl. 116 deaths**
 2,209 Social circumstances **incl. 17 deaths**
 1,318 Surgical and medical procedures **incl. 36 deaths**
 30,241 Vascular disorders **incl. 545 deaths**

Total reactions for the mRNA vaccine mRNA-1273 (CX-024414) from Moderna: 7,322 deaths and 328,594 injuries to 09/10/2021

6,545 Blood and lymphatic system disorders **incl. 69 deaths**
 10,153 Cardiac disorders **incl. 787 deaths**
 130 Congenital, familial and genetic disorders **incl. 3 deaths**
 4,082 Ear and labyrinth disorders **incl. 3 deaths**
 279 Endocrine disorders **incl. 3 deaths**
 4,949 Eye disorders **incl. 22 deaths**
 27,956 Gastrointestinal disorders **incl. 286 deaths**
 88,398 General disorders and administration site conditions **incl. 2,715 deaths**
 540 Hepatobiliary disorders **incl. 30 deaths**
 2,817 Immune system disorders **incl. 11 deaths**
 10,710 Infections and infestations **incl. 562 deaths**
 7,148 Injury, poisoning and procedural complications **incl. 134 deaths**
 6,185 Investigations **incl. 130 deaths**
 3,158 Metabolism and nutrition disorders **incl. 170 deaths**
 40,736 Musculoskeletal and connective tissue disorders **incl. 149 deaths**
 407 Neoplasms benign, malignant and unspecified (incl cysts and polyps) **incl. 48 deaths**
 56,868 Nervous system disorders **incl. 735 deaths**
 629 Pregnancy, puerperium and perinatal conditions **incl. 8 deaths**
 65 Product issues **incl. 2 deaths**
 6,131 Psychiatric disorders **incl. 129 deaths**
 1,898 Renal and urinary disorders **incl. 131 deaths**
 5,644 Reproductive system and breast disorders **incl. 6 deaths**
 14,462 Respiratory, thoracic and mediastinal disorders **incl. 743 deaths**
 17,687 Skin and subcutaneous tissue disorders **incl. 65 deaths**
 1,480 Social circumstances **incl. 28 deaths**
 1,131 Surgical and medical procedures **incl. 74 deaths**
 8,406 Vascular disorders **incl. 279 deaths**

Total reactions for the vaccine AZD1222/VAXZEVRIA (CHADOX1 NCOV-19) from Oxford/ AstraZeneca: 5,633 deaths and 1,027,132 injuries to 09/10/2021



12,420 Blood and lymphatic system disorders **incl. 227 deaths**
 17,765 Cardiac disorders **incl. 638 deaths**
 169 Congenital familial and genetic disorders **incl. 7 deaths**
 12,102 Ear and labyrinth disorders **incl. 1 death**
 545 Endocrine disorders **incl. 4 deaths**

18,094 Eye disorders **incl. 27 deaths**
 99,247 Gastrointestinal disorders **incl. 294 deaths**
 270,596 General disorders and administration site conditions **incl. 1,355 deaths**
 892 Hepatobiliary disorders **incl. 54 deaths**
 4,190 Immune system disorders **incl. 26 deaths**
 28,330 Infections and infestations **incl. 359 deaths**
 11,689 Injury poisoning and procedural complications **incl. 162 deaths**
 22,549 Investigations **incl. 132 deaths**
 11,969 Metabolism and nutrition disorders **incl. 83 deaths**
 153,909 Musculoskeletal and connective tissue disorders **incl. 82 deaths**
 554 Neoplasms benign malignant and unspecified (incl cysts and polyps) **incl. 18 deaths**
 212,950 Nervous system disorders **incl. 884 deaths**
 483 Pregnancy puerperium and perinatal conditions **incl. 10 deaths**
 174 Product issues **incl. 1 death**
 19,153 Psychiatric disorders **incl. 56 deaths**
 3,848 Renal and urinary disorders **incl. 56 deaths**
 14,092 Reproductive system and breast disorders **incl. 2 deaths**
 36,247 Respiratory thoracic and mediastinal disorders **incl. 673 deaths**
 47,145 Skin and subcutaneous tissue disorders **incl. 42 deaths**
 1,361 Social circumstances **incl. 6 deaths**
 1,240 Surgical and medical procedures **incl. 24 deaths**
 25,419 Vascular disorders **incl. 410 deaths**

Total reactions for the COVID-19 vaccine JANSSEN (AD26.COV2.S) from Johnson & Johnson: 1,457 deaths and 83,970 injuries to 09/10/2021

786 Blood and lymphatic system disorders **incl. 36 deaths**
 1,428 Cardiac disorders **incl. 137 deaths**
 30 Congenital, familial and genetic disorders
 805 Ear and labyrinth disorders **incl. 1 death**
 52 Endocrine disorders **incl. 1 death**
 1,140 Eye disorders **incl. 6 deaths**
 7,423 Gastrointestinal disorders **incl. 66 deaths**
 21,965 General disorders and administration site conditions **incl. 381 deaths**
 104 Hepatobiliary disorders **incl. 9 deaths**
 347 Immune system disorders **incl. 7 deaths**
 2,564 Infections and infestations **incl. 102 deaths**
 791 Injury, poisoning and procedural complications **incl. 16 deaths**
 4,223 Investigations **incl. 88 deaths**
 502 Metabolism and nutrition disorders **incl. 34 deaths**
 12,777 Musculoskeletal and connective tissue disorders **incl. 34 deaths**
 41 Neoplasms benign, malignant and unspecified (incl cysts and polyps) **incl. 2 deaths**
 16,999 Nervous system disorders **incl. 160 deaths**
 31 Pregnancy, puerperium and perinatal conditions **incl. 1 death**
 21 Product issues
 1,143 Psychiatric **disorders incl. 13 deaths**

325	Renal and urinary disorders incl. 16 deaths
1,356	Reproductive system and breast disorders incl. 5 deaths
2,985	Respiratory, thoracic and mediastinal disorders incl. 167 deaths
2,565	Skin and subcutaneous tissue disorders incl. 5 deaths
258	Social circumstances incl. 4 deaths
606	Surgical and medical procedures incl. 45 deaths
2,703	Vascular disorders incl. 121 deaths

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Last Update: Oct 09, 2021	Reported Cases	Fatalities	% fatalities to cases	All Multiple Symptoms	Serious injuries	% serious to ALL	
	Pfizer-BioNTech	485 823	12 835	2,64%	1 124 072	484 351	43,09%
	Oxford/AstraZeneca	390 119	5 633	1,44%	1 027 132	540 620	52,63%
	Moderna	132 122	7 322	5,54%	328 594	167 159	50,87%
	Janssen	30 712	1 457	4,74%	83 970	30 688	36,55%
	Total:	1 038 776	27 247	2,62%	2 563 768	1 222 818	47,70%

*These totals are estimates based on reports submitted to EudraVigilance ^[6]. Totals may be much higher based on percentage of adverse reactions that are reported. Some of these reports may also be reported to the individual country's adverse reaction databases, such as the U.S. VAERS database and the UK Yellow Card system. The fatalities are grouped by symptoms, and some fatalities may have resulted from multiple symptoms.