



COVID-19 Vaccine Adverse Drug Reactions
40,788 DEAD
3,771,826 Injuries Through Feb 26, 2022
 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 (EEA and non-EEA countries) database of suspected drug reaction reports is EudraVigilance ^[4], verified by the European Medicines Agency (EMA), and they are now reporting 40,788 fatalities, and 3,771,826 injuries following injections of four experimental COVID-19 shots:

COVID-19 MRNA VACCINE MODERNA (CX-024414) ^[5]

COVID-19 MRNA VACCINE PFIZER-BIONTECH ^[6]

COVID-19 VACCINE ASTRAZENECA (CHADOX1 NCOV-19) ^[7]

COVID-19 VACCINE JANSSEN (AD26.COV2.S) ^[8]

From the total of injuries recorded, almost half of them (1,769,255) 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](#) [9] 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 February 26, 2022.

Total reactions for the mRNA vaccine **Tozinameran** (code **BNT162b2, Comirnaty**) from **BioNTech/ Pfizer: 18,651 deaths** and **1,853,008 injuries** to 26/02/2022

53,674 Blood and lymphatic system disorders **incl. 260 deaths**
 63,812 Cardiac disorders **incl. 2,707 deaths**
 566 Congenital, familial and genetic disorders **incl. 58 deaths**
 24,413 Ear and labyrinth disorders **incl. 12 deaths**
 2,197 Endocrine disorders **incl. 8 deaths**
 27,948 Eye disorders **incl. 41 deaths**
 141,674 Gastrointestinal disorders **incl. 723 deaths**
 459,374 General disorders and administration site conditions **incl. 5,313 deaths**
 2,096 Hepatobiliary disorders **incl. 95 deaths**
 19,868 Immune system disorders **incl. 102 deaths**
 90,415 Infections and infestations **incl. 1,974 deaths**
 36,863 Injury, poisoning and procedural complications **incl. 360 deaths**
 45,821 Investigations **incl. 529 deaths**
 12,170 Metabolism and nutrition disorders **incl. 296 deaths**
 215,842 Musculoskeletal and connective tissue disorders **incl. 235 deaths**
 1,848 Neoplasms benign, malignant and unspecified (incl cysts and polyps) **incl. 182 deaths**
 298,666 Nervous system disorders **incl. 1,993 deaths**
 2,758 Pregnancy, puerperium and perinatal conditions **incl. 77 deaths**
 270 Product issues **incl. 3 deaths**
 33,204 Psychiatric disorders **incl. 217 deaths**
 6,732 Renal and urinary disorders **incl. 278 deaths**
 77,789 Reproductive system and breast disorders **incl. 6 deaths**
 78,270 Respiratory, thoracic and mediastinal disorders **incl. 1,972 deaths**
 84,351 Skin and subcutaneous tissue disorders **incl. 151 deaths**
 4,327 Social circumstances **incl. 24 deaths**
 22,552 Surgical and medical procedures **incl. 214 deaths**
 45,508 Vascular disorders **incl. 821 deaths**

Total reactions for the mRNA vaccine **mRNA-1273 (CX-024414)** from **Moderna: 11,301 deaths** and **598,430 injuries** to 26/02/2022

14,641 Blood and lymphatic system disorders **incl. 123 deaths**
 20,408 Cardiac disorders **incl. 1,198 deaths**
 198 Congenital, familial and genetic disorders **incl. 13 deaths**
 6,965 Ear and labyrinth disorders **incl. 8 deaths**
 570 Endocrine disorders **incl. 6 deaths**
 8,136 Eye disorders **incl. 35 deaths**
 48,461 Gastrointestinal disorders **incl. 424 deaths**
 159,198 General disorders and administration site conditions **incl. 3,719 deaths**
 835 Hepatobiliary disorders **incl. 56 deaths**
 5,978 Immune system disorders **incl. 22 deaths**
 25,281 Infections and infestations **incl. 1058 deaths**
 10,768 Injury, poisoning and procedural complications **incl. 214 deaths**
 13,222 Investigations **incl. 396 deaths**
 5,118 Metabolism and nutrition disorders **incl. 269 deaths**
 73,704 Musculoskeletal and connective tissue disorders **incl. 226 deaths**
 718 Neoplasms benign, malignant and unspecified (incl cysts and polyps) **incl. 85 deaths**
 100,064 Nervous system disorders **incl. 1,068 deaths**
 947 Pregnancy, puerperium and perinatal conditions **incl. 10 deaths**
 109 Product issues **incl. 4 deaths**
 10,105 Psychiatric disorders **incl. 182 deaths**
 3,252 Renal and urinary disorders **incl. 221 deaths**
 14,762 Reproductive system and breast disorders **incl. 9 deaths**
 25,178 Respiratory, thoracic and mediastinal disorders **incl. 1,191 deaths**
 30,360 Skin and subcutaneous tissue disorders **incl. 98 deaths**
 2,374 Social circumstances **incl. 45 deaths**
 4,085 Surgical and medical procedures **incl. 209 deaths**
 12,993 Vascular disorders **incl. 412 deaths**

Total reactions for the vaccine AZD1222/VAXZEVRIA (CHADOX1 NCOV-19) from Oxford/ AstraZeneca: 8,258 deaths and 1,185,772 injuries to 26/02/2022

14,184 Blood and lymphatic system disorders **incl. 283 deaths**
 21,550 Cardiac disorders **incl. 866 deaths**
 244 Congenital familial and genetic disorders **incl. 9 deaths**
 13,705 Ear and labyrinth disorders **incl. 7 deaths**
 720 Endocrine disorders **incl. 6 deaths**
 20,461 Eye disorders **incl. 32 deaths**
 109,248 Gastrointestinal disorders **incl. 452 deaths**
 314,196 General disorders and administration site conditions **incl. 1,900 deaths**
 1,068 Hepatobiliary disorders **incl. 70 deaths**
 5,552 Immune system disorders **incl. 40 deaths**
 46,278 Infections and infestations **incl. 644 deaths**
 14,101 Injury poisoning and procedural complications **incl. 208 deaths**
 26,725 Investigations **incl. 214 deaths**
 13,288 Metabolism and nutrition disorders **incl. 132 deaths**

171,844 Musculoskeletal and connective tissue disorders **incl. 172 deaths**
 782 Neoplasms benign malignant and unspecified (incl cysts and polyps) **incl. 44 deaths**
 238,862 Nervous system disorders **incl. 1,211 deaths**
 635 Pregnancy puerperium and perinatal conditions **incl. 22 deaths**
 203 Product issues **incl. 1 death**
 21,471 Psychiatric disorders **incl. 73 deaths**
 4,449 Renal and urinary disorders **incl. 83 deaths**
 17,321 Reproductive system and breast disorders **incl. 3 deaths**
 42,371 Respiratory thoracic and mediastinal disorders **incl. 1,125 deaths**
 53,063 Skin and subcutaneous tissue disorders **incl. 69 deaths**
 1,719 Social circumstances **incl. 9 deaths**
 2,404 Surgical and medical procedures **incl. 35 deaths**
 29,328 Vascular disorders **incl. 548 deaths**
Total reactions for the COVID-19 vaccine JANSSEN (AD26.COVS.S) from Johnson & Johnson: 2,578 deaths and 134,616 injuries to 26/02/2022

1,332 Blood and lymphatic system disorders **incl. 55 deaths**
 2,768 Cardiac disorders **incl. 216 deaths**
 44 Congenital, familial and genetic disorders **incl. 1 death**
 1,421 Ear and labyrinth disorders **incl. 3 deaths**
 110 Endocrine disorders **incl. 1 death**
 1,756 Eye disorders **incl. 11 deaths**
 9,919 Gastrointestinal disorders **incl. 95 deaths**
 36,367 General disorders and administration site conditions **incl. 740 deaths**
 166 Hepatobiliary disorders **incl. 17 deaths**
 577 Immune system disorders **incl. 10 deaths**
 9,426 Infections and infestations **incl. 218 deaths**
 1,259 Injury, poisoning and procedural complications **incl. 29 deaths**
 6,546 Investigations **incl. 137 deaths**
 830 Metabolism and nutrition disorders **incl. 65 deaths**
 17,759 Musculoskeletal and connective tissue disorders **incl. 59 deaths**
 98 Neoplasms benign, malignant and unspecified (incl cysts and polyps) **incl. 9 deaths**
 24,356 Nervous system disorders **incl. 252 deaths**
 67 Pregnancy, puerperium and perinatal conditions **incl. 1 death**
 32 Product issues
 1,898 Psychiatric disorders **incl. 26 deaths**
 579 Renal and urinary disorders **incl. 35 deaths**
 3,288 Reproductive system and breast disorders **incl. 7 deaths**
 4,758 Respiratory, thoracic and mediastinal disorders **incl. 321 deaths**
 3,992 Skin and subcutaneous tissue disorders **incl. 12 deaths**
 438 Social circumstances **incl. 5 deaths**
 965 Surgical and medical procedures **incl. 78 deaths**
 3,865 Vascular disorders **incl. 175 deaths**

| EudraVigilance - European database of suspected adverse drug reaction reports | | EUROPEAN MEDICINES AGENCY SCIENCE MEDICINES HEALTH | | | | |
|--|-------------------|---|--------------------------|--------------------------|---------------------|---------------------|
| Last Update: Feb 26, 2022 | Reported Cases | Fatalities | % fatalities to cases | All Multiple Symptoms | Serious injuries | % serious to ALL |
| Pfizer-BioNTech | 802 852 | 18 651 | 2,32% | 1 853 008 | 825 111 | 44,53% |
| Oxford/AstraZeneca | 456 891 | 8 258 | 1,81% | 1 185 772 | 614 021 | 51,78% |
| Moderna | 243 789 | 11 301 | 4,64% | 598 430 | 276 484 | 46,20% |
| Janssen | 52 334 | 2 578 | 4,93% | 134 616 | 53 639 | 39,85% |
| Total: | 1 555 866 | 40 788 | 2,62% | 3 771 826 | 1 769 255 | 46,91% |

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*These totals are estimates based on reports submitted to EudraVigilance ^[9]. 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.