

**VAERS DATA: ALL ADVERSE EVENTS REPORTED 6/1/1990 - 7/30/2021 COMPARED WITH ALL COVID-19 ASSOCIATED ADVERSE EVENTS REPORTED THROUGH 7/30/2021**

Report Run Date: 8/6/2021 (data captured through 7/30/2021)



| Event Category                                   | Age         | Total VAERS Events Reported* | Percent (of 1,357,037 Reported VAERS Events)* | Total Covid-19 Vaccine Events Reported* | Percent (of 545,338 Reported VAERS Events)* | Percent of Total VAERS Events Reported for Covid-19 Vaccination |
|--|-------------|------------------------------|---|---|---|---|
| Death  | < 6 months  | 2,798                        | 0.21%   | 1                                       | 0.00%                                       | 0.04%   |
| Death  | 6-11 months | 495                          | 0.04%   | -                                       | 0.00%                                       | 0.00%   |
| Death  | 1-2 years   | 630                          | 0.05%   | 2                                       | 0.00%                                       | 0.32%   |
| Death  | 3-5 years   | 168                          | 0.01%   | -                                       | 0.00%                                       | 0.00%   |
| Death  | 6-17 years  | 409                          | 0.03%   | 18                                      | 0.00%                                       | 4.40%   |
| Death  | 18-29 years | 327                          | 0.02%   | 107                                     | 0.02%                                       | 32.72%  |
| Death  | 30-39 years | 269                          | 0.02%   | 165                                     | 0.03%                                       | 61.34%  |
| Death  | 40-49 years | 437                          | 0.03%   | 265                                     | 0.05%                                       | 60.64%  |
| Death  | 50-59 years | 806                          | 0.06%   | 586                                     | 0.11%                                       | 72.70%  |
| Death  | 60-64 years | 677                          | 0.05%   | 518                                     | 0.09%                                       | 76.51%  |
| Death  | 65-79 years | 3,280                        | 0.24%   | 2,567                                   | 0.47%                                       | 78.26%  |
| Death  | 80+ years   | 3,997                        | 0.29%   | 3,455                                   | 0.63%                                       | 86.44%  |
| Death  | Unknown     | 6,931                        | 0.51%   | 4,682                                   | 0.86%                                       | 67.55%  |
| <b>Total Death</b>                               |             | <b>21,224</b>                | <b>1.56%</b>                                  | <b>12,366</b>                           | <b>2.27%</b>                                | <b>58.26%</b>   |
| Life Threatening                                 | < 6 months  | 2,249                        | 0.17%   | 2                                       | 0.00%                                       | 0.09%   |
| Life Threatening                                 | 6-11 months | 605                          | 0.04%   | -                                       | 0.00%                                       | 0.00%   |
| Life Threatening                                 | 1-2 years   | 1,307                        | 0.10%   | -                                       | 0.00%                                       | 0.00%   |
| Life Threatening                                 | 3-5 years   | 689                          | 0.05%   | -                                       | 0.00%                                       | 0.00%   |
| Life Threatening                                 | 6-17 years  | 1,715                        | 0.13%   | 192                                     | 0.04%                                       | 11.20%  |
| Life Threatening                                 | 18-29 years | 1,754                        | 0.13%   | 653                                     | 0.12%                                       | 37.23%  |
| Life Threatening                                 | 30-39 years | 1,837                        | 0.14%   | 1,030                                   | 0.19%                                       | 56.07%  |
| Life Threatening                                 | 40-49 years | 2,245                        | 0.17%   | 1,365                                   | 0.25%                                       | 60.80%  |
| Life Threatening                                 | 50-59 years | 2,544                        | 0.19%   | 1,641                                   | 0.30%                                       | 64.50%  |
| Life Threatening                                 | 60-64 years | 1,353                        | 0.10%   | 883                                     | 0.16%                                       | 65.26%  |
| Life Threatening                                 | 65-79 years | 3,554                        | 0.26%   | 2,336                                   | 0.43%                                       | 65.73%  |
| Life Threatening                                 | 80+ years   | 1,467                        | 0.11%   | 1,126                                   | 0.21%                                       | 76.76%  |
| Life Threatening                                 | Unknown     | 4,304                        | 0.32%   | 2,965                                   | 0.54%                                       | 68.89%  |
| <b>Total Life Threatening</b>                    |             | <b>25,623</b>                | <b>1.89%</b>                                  | <b>12,193</b>                           | <b>2.24%</b>                                | <b>47.59%</b>   |
| Permanent Disability                             | < 6 months  | 1,093                        | 0.08%   | 1                                       | 0.00%                                       | 0.09%   |
| Permanent Disability                             | 6-11 months | 497                          | 0.04%   | -                                       | 0.00%                                       | 0.00%   |
| Permanent Disability                             | 1-2 years   | 1,760                        | 0.13%   | 3                                       | 0.00%                                       | 0.17%   |
| Permanent Disability                             | 3-5 years   | 535                          | 0.04%   | 5                                       | 0.00%                                       | 0.93%   |
| Permanent Disability                             | 6-17 years  | 2,652                        | 0.20%   | 54                                      | 0.01%                                       | 2.04%   |
| Permanent Disability                             | 18-29 years | 2,529                        | 0.19%   | 746                                     | 0.14%                                       | 29.50%  |
| Permanent Disability                             | 30-39 years | 2,834                        | 0.21%   | 1,333                                   | 0.24%                                       | 47.04%  |
| Permanent Disability                             | 40-49 years | 3,247                        | 0.24%   | 1,649                                   | 0.30%                                       | 50.79%  |
| Permanent Disability                             | 50-59 years | 3,387                        | 0.25%   | 1,867                                   | 0.34%                                       | 55.12%  |
| Permanent Disability                             | 60-64 years | 1,696                        | 0.12%   | 913                                     | 0.17%                                       | 53.83%  |
| Permanent Disability                             | 65-79 years | 3,840                        | 0.28%   | 2,002                                   | 0.37%                                       | 52.14%  |
| Permanent Disability                             | 80+ years   | 1,110                        | 0.08%   | 765                                     | 0.14%                                       | 68.92%  |
| Permanent Disability                             | Unknown     | 8,407                        | 0.62%   | 4,913                                   | 0.90%                                       | 58.44%  |
| <b>Total Permanent Disability</b>                |             | <b>33,587</b>                | <b>2.48%</b>                                  | <b>14,251</b>                           | <b>2.61%</b>                                | <b>42.43%</b>   |
| Congenital Anomaly / Birth Defect *              | < 6 months  | 15                           | 0.00%   | 2                                       | 0.00%                                       | 13.33%  |
| Congenital Anomaly / Birth Defect *              | 6-11 months | 5                            | 0.00%   | -                                       | 0.00%                                       | 0.00%   |
| Congenital Anomaly / Birth Defect *              | 1-2 years   | 8                            | 0.00%   | 1                                       | 0.00%                                       | 12.50%  |
| Congenital Anomaly / Birth Defect *              | 3-5 years   | 1                            | 0.00%   | -                                       | 0.00%                                       | 0.00%   |
| Congenital Anomaly / Birth Defect *              | 6-17 years  | 8                            | 0.00%   | 3                                       | 0.00%                                       | 37.50%  |
| Congenital Anomaly / Birth Defect *              | 18-29 years | 38                           | 0.00%   | 27                                      | 0.00%                                       | 71.05%  |
| Congenital Anomaly / Birth Defect *              | 30-39 years | 135                          | 0.01%   | 126                                     | 0.02%                                       | 93.33%  |
| Congenital Anomaly / Birth Defect *              | 40-49 years | 40                           | 0.00%   | 38                                      | 0.01%                                       | 95.00%  |
| Congenital Anomaly / Birth Defect *              | 50-59 years | 24                           | 0.00%   | 24                                      | 0.00%                                       | 100.00%   |
| Congenital Anomaly / Birth Defect *              | 60-64 years | 9                            | 0.00%   | 6                                       | 0.00%                                       | 66.67%  |
| Congenital Anomaly / Birth Defect *              | 65-79 years | 33                           | 0.00%   | 28                                      | 0.01%                                       | 84.85%  |
| Congenital Anomaly / Birth Defect *              | 80+ years   | 9                            | 0.00%   | 8                                       | 0.00%                                       | 88.89%  |
| Congenital Anomaly / Birth Defect *              | Unknown     | 131                          | 0.01%   | 61                                      | 0.01%                                       | 46.56%  |
| <b>Total Congenital Anomaly / Birth Defect *</b> |             | <b>456</b>                   | <b>0.03%</b>                                  | <b>324</b>                              | <b>0.06%</b>                                | <b>71.05%</b>   |
| Hospitalized                                     | < 6 months  | 14,924                       | 1.10%   | 9                                       | 0.00%                                       | 0.06%   |
| Hospitalized                                     | 6-11 months | 4,202                        | 0.31%   | 3                                       | 0.00%                                       | 0.07%   |
| Hospitalized                                     | 1-2 years   | 9,312                        | 0.69%   | 3                                       | 0.00%                                       | 0.03%   |
| Hospitalized                                     | 3-5 years   | 3,489                        | 0.26%   | 5                                       | 0.00%                                       | 0.14%   |
| Hospitalized                                     | 6-17 years  | 9,716                        | 0.72%   | 944                                     | 0.17%                                       | 9.72%   |
| Hospitalized                                     | 18-29 years | 8,226                        | 0.61%   | 2,670                                   | 0.49%                                       | 32.46%  |
| Hospitalized                                     | 30-39 years | 6,751                        | 0.50%   | 3,275                                   | 0.60%                                       | 48.51%  |
| Hospitalized                                     | 40-49 years | 6,904                        | 0.51%   | 3,796                                   | 0.70%                                       | 54.98%  |
| Hospitalized                                     | 50-59 years | 7,850                        | 0.58%   | 4,736                                   | 0.87%                                       | 60.33%  |
| Hospitalized                                     | 60-64 years | 4,588                        | 0.34%   | 2,793                                   | 0.51%                                       | 60.88%  |
| Hospitalized                                     | 65-79 years | 14,432                       | 1.06%   | 9,108                                   | 1.67%                                       | 63.11%  |
| Hospitalized                                     | 80+ years   | 7,353                        | 0.54%   | 5,588                                   | 1.02%                                       | 76.00%  |
| Hospitalized                                     | Unknown     | 25,862                       | 1.91%   | 13,106                                  | 2.40%                                       | 50.68%  |
| <b>Total Hospitalized</b>                        |             | <b>123,609</b>               | <b>9.11%</b>                                  | <b>46,036</b>                           | <b>8.44%</b>                                | <b>37.24%</b>   |
| Existing Hospitalization Prolonged               | < 6 months  | 588                          | 0.04%   | -                                       | 0.00%                                       | 0.00%   |
| Existing Hospitalization Prolonged               | 6-11 months | 184                          | 0.01%   | -                                       | 0.00%                                       | 0.00%   |
| Existing Hospitalization Prolonged               | 1-2 years   | 461                          | 0.03%   | -                                       | 0.00%                                       | 0.00%   |
| Existing Hospitalization Prolonged               | 3-5 years   | 163                          | 0.01%   | -                                       | 0.00%                                       | 0.00%   |
| Existing Hospitalization Prolonged               | 6-17 years  | 566                          | 0.04%   | 10                                      | 0.00%                                       | 1.77%   |
| Existing Hospitalization Prolonged               | 18-29 years | 461                          | 0.03%   | 33                                      | 0.01%                                       | 7.16%   |
| Existing Hospitalization Prolonged               | 30-39 years | 360                          | 0.03%   | 43                                      | 0.01%                                       | 11.94%  |
| Existing Hospitalization Prolonged               | 40-49 years | 305                          | 0.02%   | 35                                      | 0.01%                                       | 11.48%  |
| Existing Hospitalization Prolonged               | 50-59 years | 353                          | 0.03%   | 68                                      | 0.01%                                       | 19.26%  |
| Existing Hospitalization Prolonged               | 60-64 years | 185                          | 0.01%   | 27                                      | 0.00%                                       | 14.59%  |
| Existing Hospitalization Prolonged               | 65-79 years | 496                          | 0.04%   | 84                                      | 0.02%                                       | 16.94%  |
| Existing Hospitalization Prolonged               | 80+ years   | 209                          | 0.02%   | 69                                      | 0.01%                                       | 33.01%  |
| Existing Hospitalization Prolonged               | Unknown     | 568                          | 0.04%   | 195                                     | 0.04%                                       | 34.33%  |
| <b>Total Existing Hospitalization Prolonged</b>  |             | <b>4,899</b>                 | <b>0.36%</b>                                  | <b>564</b>                              | <b>0.10%</b>                                | <b>11.51%</b>   |

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| Event Category                                | Age         | Total VAERS Events Reported* | Percent (of 1,357,037 Reported VAERS Events)* | Total Covid-19 Vaccine Events Reported* | Percent (of 545,338 Reported VAERS Events)* | Percent of Total VAERS Events Reported for Covid-19 Vaccination |
|---|-------------|------------------------------|---|---|---|---|
| Emergency Room / Office Visit **              | < 6 months  | 13,941                       | 1.03%   | -                                       | 0.00%                                       | 0.00%   |
| Emergency Room / Office Visit **              | 6-11 months | 7,356                        | 0.54%   | -                                       | 0.00%                                       | 0.00%   |
| Emergency Room / Office Visit **              | 1-2 years   | 27,270                       | 2.01%   | -                                       | 0.00%                                       | 0.00%   |
| Emergency Room / Office Visit **              | 3-5 years   | 18,834                       | 1.39%   | -                                       | 0.00%                                       | 0.00%   |
| Emergency Room / Office Visit **              | 6-17 years  | 27,186                       | 2.00%   | 2                                       | 0.00%                                       | 0.01%   |
| Emergency Room / Office Visit **              | 18-29 years | 20,194                       | 1.49%   | 7                                       | 0.00%                                       | 0.03%   |
| Emergency Room / Office Visit **              | 30-39 years | 14,568                       | 1.07%   | 12                                      | 0.00%                                       | 0.08%   |
| Emergency Room / Office Visit **              | 40-49 years | 13,150                       | 0.97%   | 9                                       | 0.00%                                       | 0.07%   |
| Emergency Room / Office Visit **              | 50-59 years | 12,406                       | 0.91%   | 12                                      | 0.00%                                       | 0.10%   |
| Emergency Room / Office Visit **              | 60-64 years | 7,013                        | 0.52%   | 5                                       | 0.00%                                       | 0.07%   |
| Emergency Room / Office Visit **              | 65-79 years | 17,290                       | 1.27%   | 5                                       | 0.00%                                       | 0.03%   |
| Emergency Room / Office Visit **              | 80+ years   | 3,532                        | 0.26%   | 2                                       | 0.00%                                       | 0.06%   |
| Emergency Room / Office Visit **              | Unknown     | 11,771                       | 0.87%   | 2                                       | 0.00%                                       | 0.02%   |
| <b>Total Emergency Room / Office Visit **</b> |             | <b>194,511</b>               | <b>14.33%</b>                                 | <b>56</b>                               | <b>0.01%</b>                                |   |
| Emergency Room*                               | < 6 months  | 735                          | 0.05%   | 9                                       | 0.00%                                       | 1.22%   |
| Emergency Room*                               | 6-11 months | 305                          | 0.02%   | 1                                       | 0.00%                                       | 0.33%   |
| Emergency Room*                               | 1-2 years   | 1,073                        | 0.08%   | 9                                       | 0.00%                                       | 0.84%   |
| Emergency Room*                               | 3-5 years   | 699                          | 0.05%   | 3                                       | 0.00%                                       | 0.43%   |
| Emergency Room*                               | 6-17 years  | 3,659                        | 0.27%   | 1,959                                   | 0.36%                                       | 53.54%  |
| Emergency Room*                               | 18-29 years | 9,960                        | 0.73%   | 8,660                                   | 1.59%                                       | 86.95%  |
| Emergency Room*                               | 30-39 years | 12,094                       | 0.89%   | 11,200                                  | 2.05%                                       | 92.61%  |
| Emergency Room*                               | 40-49 years | 12,200                       | 0.90%   | 11,427                                  | 2.10%                                       | 93.66%  |
| Emergency Room*                               | 50-59 years | 12,135                       | 0.89%   | 10,757                                  | 1.97%                                       | 88.64%  |
| Emergency Room*                               | 60-64 years | 5,546                        | 0.41%   | 4,718                                   | 0.87%                                       | 85.07%  |
| Emergency Room*                               | 65-79 years | 13,372                       | 0.99%   | 10,508                                  | 1.93%                                       | 78.58%  |
| Emergency Room*                               | 80+ years   | 4,632                        | 0.34%   | 4,054                                   | 0.74%                                       | 87.52%  |
| Emergency Room*                               | Unknown     | 6,120                        | 0.45%   | 4,680                                   | 0.86%                                       | 76.47%  |
| <b>Total Emergency Room*</b>                  |             | <b>82,530</b>                | <b>6.08%</b>                                  | <b>67,985</b>                           | <b>12.47%</b>                               |   |
| Office Visit *                                | < 6 months  | 1,131                        | 0.08%   | 7                                       | 0.00%                                       | 0.62%   |
| Office Visit *                                | 6-11 months | 572                          | 0.04%   | 5                                       | 0.00%                                       | 0.87%   |
| Office Visit *                                | 1-2 years   | 2,681                        | 0.20%   | 5                                       | 0.00%                                       | 0.19%   |
| Office Visit *                                | 3-5 years   | 2,297                        | 0.17%   | 5                                       | 0.00%                                       | 0.22%   |
| Office Visit *                                | 6-17 years  | 6,225                        | 0.46%   | 2,008                                   | 0.37%                                       | 32.26%  |
| Office Visit *                                | 18-29 years | 12,642                       | 0.93%   | 9,851                                   | 1.81%                                       | 77.92%  |
| Office Visit *                                | 30-39 years | 18,746                       | 1.38%   | 16,479                                  | 3.02%                                       | 87.91%  |
| Office Visit *                                | 40-49 years | 19,429                       | 1.43%   | 17,360                                  | 3.18%                                       | 89.35%  |
| Office Visit *                                | 50-59 years | 21,305                       | 1.57%   | 16,797                                  | 3.08%                                       | 78.84%  |
| Office Visit *                                | 60-64 years | 10,413                       | 0.77%   | 7,488                                   | 1.37%                                       | 71.91%  |
| Office Visit *                                | 65-79 years | 25,279                       | 1.86%   | 15,869                                  | 2.91%                                       | 62.78%  |
| Office Visit *                                | 80+ years   | 5,269                        | 0.39%   | 3,623                                   | 0.66%                                       | 68.76%  |
| Office Visit *                                | Unknown     | 8,277                        | 0.61%   | 3,029                                   | 0.56%                                       | 36.60%  |
| <b>Total Office Visit *</b>                   |             | <b>134,266</b>               | <b>9.89%</b>                                  | <b>92,526</b>                           | <b>16.97%</b>                               |   |
| <b>COMBINED ER/OFFICE VISIT **</b>            |             | <b>411,307</b>               | <b>30.30%</b>                                 | <b>160,567</b>                          | <b>29.45%</b>                               | <b>39.04%</b>   |
| None of the above                             | < 6 months  | 23,995                       | 1.77%   | 42                                      | 0.01%                                       | 0.18%   |
| None of the above                             | 6-11 months | 10,778                       | 0.79%   | 27                                      | 0.00%                                       | 0.25%   |
| None of the above                             | 1-2 years   | 39,051                       | 2.88%   | 40                                      | 0.01%                                       | 0.10%   |
| None of the above                             | 3-5 years   | 34,875                       | 2.57%   | 26                                      | 0.00%                                       | 0.07%   |
| None of the above                             | 6-17 years  | 69,648                       | 5.13%   | 12,454                                  | 2.28%                                       | 17.88%  |
| None of the above                             | 18-29 years | 78,002                       | 5.75%   | 40,998                                  | 7.52%                                       | 52.56%  |
| None of the above                             | 30-39 years | 81,517                       | 6.01%   | 54,229                                  | 9.94%                                       | 66.52%  |
| None of the above                             | 40-49 years | 78,205                       | 5.76%   | 52,492                                  | 9.63%                                       | 67.12%  |
| None of the above                             | 50-59 years | 87,790                       | 6.47%   | 52,682                                  | 9.66%                                       | 60.01%  |
| None of the above                             | 60-64 years | 47,064                       | 3.47%   | 24,334                                  | 4.46%                                       | 51.70%  |
| None of the above                             | 65-79 years | 103,721                      | 7.64%   | 49,302                                  | 9.04%                                       | 47.53%  |
| None of the above                             | 80+ years   | 18,956                       | 1.40%   | 9,659                                   | 1.77%                                       | 50.95%  |
| None of the above                             | Unknown     | 181,590                      | 13.38%  | 61,100                                  | 11.20%                                      | 33.65%  |
| <b>Total None of the above</b>                |             | <b>855,192</b>               | <b>63.02%</b>                                 | <b>357,385</b>                          | <b>65.53%</b>                               | <b>41.79%</b>   |
| <b>TOTAL INSTANCES REPORTED</b>               |             | <b>1,475,897</b>             | <b>108.76%</b>                                | <b>603,686</b>                          | <b>110.70%</b>                              | <b>N/A</b>  |
| <b>TOTAL ADVERSE EVENTS REPORTED</b>          |             | <b>1,357,037</b>             | <b>100.00%</b>                                | <b>545,338</b>                          | <b>100.00%</b>                              | <b>40.19%</b>   |

Source: CDC VAERS Database (Vaccine Adverse Events Reporting System)

\*NOTE: There are 1,357,037 distinct reports captured in VAERS, and 545,338 distinct Covid-19 reports captured, through 7/30/2021. Numerous patients met multiple criteria; therefore there are 1,475,897 total instances of medical outcomes following vaccination displayed in this report, and 603,686 instances of medical outcomes following Covid-19 vaccination. But each value displayed on this report includes only distinct patient records (no duplicates) and percentages are calculated as a percent of total patient reports received. For instance, if a patient visited the ER, was hospitalized, and died, that patient's record would populate three instances in three categories on this report.

\*\* Please note that Event Category values changed between the initial version of the VAERS database and the current version; therefore the values in the reporting categories "Emergency Room" and "Office Visit" are not comparable across Covid-19 Vaccine reports and other reports captured prior to the database change. Combining the three reporting categories provides an apples-to-apples comparison of Covid-19 reported events and all other reported events.