

# Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through August 14, 2021\*



Report Run Date: August 24, 2021

<b>Age</b>	<b>0-19</b>	<b>20-29</b>	<b>30-39</b>	<b>40-49</b>	<b>50-59</b>	<b>60-69</b>	<b>70-79</b>	<b>80-89</b>	<b>90+</b>	<b>TOTAL</b>
Covid-19 Hospitalizations after Vaccination - 1st Dose**	33	137	196	286	422	679	761	752	322	<b>3,586</b>
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	32	72	114	126	237	469	734	756	247	<b>2,785</b>
<b>Total Covid-19 Hospitalizations - Vaccinated</b>	<b>65</b>	<b>208</b>	<b>310</b>	<b>411</b>	<b>659</b>	<b>1,148</b>	<b>1,495</b>	<b>1,508</b>	<b>569</b>	<b>6,371</b>
Covid-19 Hospitalizations - Unvaccinated**	1,395	1,390	1,596	1,752	1,961	1,925	1,865	1,543	567	<b>13,991</b>
<b>Total Covid-19 Hospitalizations**</b>	<b>1,459</b>	<b>1,598</b>	<b>1,906</b>	<b>2,163</b>	<b>2,620</b>	<b>3,072</b>	<b>3,359</b>	<b>3,051</b>	<b>1,136</b>	<b>20,361</b>
<b>% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose</b>	<b>4%</b>	<b>13%</b>	<b>16%</b>	<b>19%</b>	<b>25%</b>	<b>37%</b>	<b>44%</b>	<b>49%</b>	<b>50%</b>	<b>31%</b>
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	13	18	37	124	210	275	158	<b>840</b>
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	-	3	20	61	119	176	88	<b>466</b>
<b>Total Covid-19 Deaths - Vaccinated**</b>	<b>-</b>	<b>8</b>	<b>13</b>	<b>20</b>	<b>57</b>	<b>185</b>	<b>328</b>	<b>451</b>	<b>246</b>	<b>1,306</b>
Total Covid-19 Deaths - Unvaccinated**	10	30	45	82	176	390	605	710	339	<b>2,386</b>
<b>Total Covid-19 Deaths**</b>	<b>10</b>	<b>38</b>	<b>58</b>	<b>102</b>	<b>233</b>	<b>575</b>	<b>933</b>	<b>1,161</b>	<b>584</b>	<b>3,692</b>
<b>% of Total Covid-19 Deaths Who Received at least One Vaccine Dose</b>	<b>0%</b>	<b>20%</b>	<b>22%</b>	<b>20%</b>	<b>24%</b>	<b>32%</b>	<b>35%</b>	<b>39%</b>	<b>42%</b>	<b>35%</b>
<b>Total Severe Breakthrough Cases**</b>	<b>65</b>	<b>216</b>	<b>323</b>	<b>431</b>	<b>716</b>	<b>1,332</b>	<b>1,823</b>	<b>1,958</b>	<b>814</b>	<b>7,676</b>

\*Source: [Israeli Government Covid-19 Vaccination Data](#)

\*\*NOTE: The Israeli public health Covid-19 vaccination database linked below cites the value "<5" for instances in which cases of hospitalization or death are between 1-4 in each category. This report calculates the average of the minimum and maximum possible number of cases where the value "<5" is cited in each category, as reported by the Israeli Ministry of Health.

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Minimum **	13	117	178	272	404	664	740	738	302	<b>3,428</b>
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	17	46	90	106	219	449	720	738	226	<b>2,611</b>
<b>Total Covid-19 Hospitalizations - Vaccinated - Minimum **</b>	<b>30</b>	<b>163</b>	<b>268</b>	<b>378</b>	<b>623</b>	<b>1,113</b>	<b>1,460</b>	<b>1,476</b>	<b>528</b>	<b>6,039</b>
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,384	1,376	1,579	1,738	1,947	1,911	1,851	1,531	555	<b>13,872</b>
<b>Total Covid-19 Hospitalizations - Minimum **</b>	<b>1,414</b>	<b>1,539</b>	<b>1,847</b>	<b>2,116</b>	<b>2,570</b>	<b>3,024</b>	<b>3,311</b>	<b>3,007</b>	<b>1,083</b>	<b>19,911</b>
<b>% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose</b>	<b>2%</b>	<b>11%</b>	<b>15%</b>	<b>18%</b>	<b>24%</b>	<b>37%</b>	<b>44%</b>	<b>49%</b>	<b>49%</b>	<b>30%</b>
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	5	7	19	110	202	263	150	<b>759</b>
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	-	1	8	40	102	156	73	<b>380</b>
<b>Total Covid-19 Deaths - Vaccinated - Minimum **</b>	<b>-</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>27</b>	<b>150</b>	<b>304</b>	<b>419</b>	<b>223</b>	<b>1,139</b>
Total Covid-19 Deaths - Unvaccinated - Minimum **	4	12	24	59	158	381	593	698	328	<b>2,257</b>
<b>Total Covid-19 Deaths - Minimum **</b>	<b>4</b>	<b>15</b>	<b>29</b>	<b>67</b>	<b>185</b>	<b>531</b>	<b>897</b>	<b>1,117</b>	<b>551</b>	<b>3,396</b>
<b>% of Total Covid-19 Deaths Who Received at least One Vaccine Dose</b>	<b>0%</b>	<b>20%</b>	<b>17%</b>	<b>12%</b>	<b>15%</b>	<b>28%</b>	<b>34%</b>	<b>38%</b>	<b>40%</b>	<b>34%</b>
<b>Total Severe Breakthrough Cases - Minimum **</b>	<b>30</b>	<b>166</b>	<b>273</b>	<b>386</b>	<b>650</b>	<b>1,263</b>	<b>1,764</b>	<b>1,895</b>	<b>751</b>	<b>7,178</b>

\*Source: [Israeli Government Covid-19 Vaccination Data](#)

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	52	156	214	299	440	694	782	765	341	<b>3,743</b>
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	47	97	138	145	255	488	747	774	268	<b>2,959</b>
<b>Total Covid-19 Hospitalizations - Vaccinated - Maximum **</b>	<b>99</b>	<b>253</b>	<b>352</b>	<b>444</b>	<b>695</b>	<b>1,182</b>	<b>1,529</b>	<b>1,539</b>	<b>609</b>	<b>6,702</b>
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,405	1,403	1,612	1,765	1,974	1,938	1,878	1,555	579	<b>14,109</b>
<b>Total Covid-19 Hospitalizations - Maximum **</b>	<b>1,504</b>	<b>1,656</b>	<b>1,964</b>	<b>2,209</b>	<b>2,669</b>	<b>3,120</b>	<b>3,407</b>	<b>3,094</b>	<b>1,188</b>	<b>20,811</b>
<b>% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose</b>	<b>7%</b>	<b>15%</b>	<b>18%</b>	<b>20%</b>	<b>26%</b>	<b>38%</b>	<b>45%</b>	<b>50%</b>	<b>51%</b>	<b>32%</b>
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	20	28	55	137	217	287	165	<b>921</b>
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	-	4	32	82	135	195	103	<b>551</b>
<b>Total Covid-19 Deaths - Vaccinated - Maximum **</b>	<b>-</b>	<b>12</b>	<b>20</b>	<b>32</b>	<b>87</b>	<b>219</b>	<b>352</b>	<b>482</b>	<b>268</b>	<b>1,472</b>
Total Covid-19 Deaths - Unvaccinated - Maximum **	16	48	66	104	194	399	617	722	349	<b>2,515</b>
<b>Total Covid-19 Deaths - Maximum **</b>	<b>16</b>	<b>60</b>	<b>86</b>	<b>136</b>	<b>281</b>	<b>618</b>	<b>969</b>	<b>1,204</b>	<b>617</b>	<b>3,987</b>
<b>% of Total Covid-19 Deaths Who Received at least One Vaccine Dose</b>	<b>0%</b>	<b>20%</b>	<b>23%</b>	<b>24%</b>	<b>31%</b>	<b>35%</b>	<b>36%</b>	<b>40%</b>	<b>43%</b>	<b>37%</b>
<b>Total Severe Breakthrough Cases - Maximum **</b>	<b>99</b>	<b>265</b>	<b>372</b>	<b>476</b>	<b>782</b>	<b>1,401</b>	<b>1,881</b>	<b>2,021</b>	<b>877</b>	<b>8,174</b>

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