

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through August 7, 2021*



Report Run Date: August 16, 2021

Age	0-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90+	TOTAL
Covid-19 Hospitalizations after Vaccination - 1st Dose**	30	134	193	283	420	676	758	749	319	3,560
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	25	48	82	104	174	352	570	580	200	2,133
Total Covid-19 Hospitalizations - Vaccinated	55	182	275	387	594	1,027	1,327	1,329	519	5,693
Covid-19 Hospitalizations - Unvaccinated**	1,338	1,372	1,554	1,708	1,917	1,864	1,817	1,502	543	13,612
Total Covid-19 Hospitalizations**	1,393	1,553	1,828	2,094	2,510	2,891	3,144	2,831	1,062	19,305
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	4%	12%	15%	18%	24%	36%	42%	47%	49%	29%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	13	18	35	124	207	275	155	833
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	-	3	18	51	98	143	78	389
Total Covid-19 Deaths - Vaccinated**	-	8	13	20	52	175	305	418	233	1,222
Total Covid-19 Deaths - Unvaccinated**	10	30	45	82	176	382	596	691	336	2,348
Total Covid-19 Deaths**	10	38	58	102	228	557	901	1,109	569	3,569
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	22%	20%	23%	31%	34%	38%	41%	34%
Total Severe Breakthrough Cases**	55	189	287	407	646	1,202	1,632	1,747	752	6,915

*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 **	12	116	176	271	403	662	738	737	301	3,416
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	10	22	58	84	156	332	556	562	179	1,959
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	22	138	234	355	559	994	1,294	1,299	480	5,375
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,327	1,358	1,537	1,694	1,903	1,850	1,803	1,490	531	13,493
Total Covid-19 Hospitalizations - Minimum **	1,349	1,496	1,771	2,049	2,462	2,844	3,097	2,789	1,011	18,868
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	2%	9%	13%	17%	23%	35%	42%	47%	47%	28%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	5	7	18	110	201	263	149	756
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	-	1	7	30	81	123	63	305
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	5	8	25	140	282	386	212	1,061
Total Covid-19 Deaths - Unvaccinated - Minimum **	4	12	24	59	158	373	584	679	327	2,220
Total Covid-19 Deaths - Minimum **	4	15	29	67	183	513	866	1,065	539	3,281
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	17%	12%	14%	27%	33%	36%	39%	32%
Total Severe Breakthrough Cases - Minimum **	22	141	239	363	584	1,134	1,576	1,685	692	6,436

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

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	48	152	209	295	436	689	777	761	337	3,704
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	40	73	106	123	192	371	583	598	221	2,307
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	88	225	315	418	628	1,060	1,360	1,359	558	6,011
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,348	1,385	1,570	1,721	1,930	1,877	1,830	1,514	555	13,730
Total Covid-19 Hospitalizations - Maximum **	1,436	1,610	1,885	2,139	2,558	2,937	3,190	2,873	1,113	19,741
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	6%	14%	17%	20%	25%	36%	43%	47%	50%	30%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	20	28	51	137	213	287	161	909
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	-	4	28	72	114	162	93	473
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	20	32	79	209	327	449	254	1,382
Total Covid-19 Deaths - Unvaccinated - Maximum **	16	48	66	104	194	391	608	703	345	2,475
Total Covid-19 Deaths - Maximum **	16	60	86	136	273	600	935	1,152	599	3,857
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	23%	24%	29%	35%	35%	39%	42%	36%
Total Severe Breakthrough Cases - Maximum **	88	237	335	450	707	1,269	1,687	1,808	812	7,393

*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 maximum possible number of cases where the value "<5" is cited in each category (using the value 4 wherever "<5" is cited in the dataset), as reported by the Israeli Ministry of Health.