

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through July 17, 2021*



Report Run Date: July 23, 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**	25	125	183	277	404	656	752	740	326	3,486
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	18	38	45	63	100	202	334	337	121	1,256
Total Covid-19 Hospitalizations - Vaccinated	43	163	228	340	504	858	1,086	1,077	446	4,742
Covid-19 Hospitalizations - Unvaccinated**	1,242	1,296	1,527	1,626	1,829	1,832	1,774	1,470	550	13,142
Total Covid-19 Hospitalizations**	1,285	1,458	1,755	1,965	2,332	2,689	2,859	2,547	996	17,884
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	3%	11%	13%	17%	22%	32%	38%	42%	45%	27%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	13	18	35	124	207	275	153	830
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	-	3	15	45	76	119	62	319
Total Covid-19 Deaths - Vaccinated**	-	8	13	20	50	169	283	394	215	1,149
Total Covid-19 Deaths - Unvaccinated**	10	30	43	83	171	378	585	686	328	2,313
Total Covid-19 Deaths**	10	38	55	103	221	547	868	1,080	542	3,462
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	23%	20%	22%	31%	33%	36%	40%	33%
Total Severe Breakthrough Cases**	43	170	241	360	553	1,026	1,369	1,471	661	5,891

*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 **	10	110	168	268	390	645	735	734	315	3,375
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	7	15	21	40	82	184	322	319	101	1,091
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	17	125	189	308	472	829	1,057	1,053	416	4,466
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,233	1,282	1,510	1,612	1,815	1,818	1,760	1,456	536	13,022
Total Covid-19 Hospitalizations - Minimum **	1,250	1,407	1,699	1,920	2,287	2,647	2,817	2,509	952	17,488
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	1%	9%	11%	16%	21%	31%	38%	42%	44%	26%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	5	7	18	110	201	263	148	755
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	-	1	6	24	61	99	50	241
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	5	8	24	134	262	362	198	996
Total Covid-19 Deaths - Unvaccinated - Minimum **	4	12	23	60	156	372	576	677	320	2,200
Total Covid-19 Deaths - Minimum **	4	15	28	68	180	506	838	1,039	518	3,196
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	18%	12%	13%	26%	31%	35%	38%	31%
Total Severe Breakthrough Cases - Minimum **	17	128	194	316	496	963	1,319	1,415	614	5,462

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

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	40	140	198	286	417	666	768	746	336	3,597
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	28	60	69	85	118	220	346	355	140	1,421
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	68	200	267	371	535	886	1,114	1,101	476	5,018
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,251	1,309	1,543	1,639	1,842	1,845	1,787	1,483	563	13,262
Total Covid-19 Hospitalizations - Maximum **	1,319	1,509	1,810	2,010	2,377	2,731	2,901	2,584	1,039	18,280
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	5%	13%	15%	18%	23%	32%	38%	43%	46%	27%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	20	28	51	137	213	287	157	905
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	-	4	24	66	91	138	74	397
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	20	32	75	203	304	425	231	1,302
Total Covid-19 Deaths - Unvaccinated - Maximum **	16	48	62	105	186	384	594	695	335	2,425
Total Covid-19 Deaths - Maximum **	16	60	82	137	261	587	898	1,120	566	3,727
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	24%	23%	29%	35%	34%	38%	41%	35%
Total Severe Breakthrough Cases - Maximum **	68	212	287	403	610	1,089	1,418	1,526	707	6,320

*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.