

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through July 31, 2021*



Report Run Date: August 6, 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	132	187	283	416	669	750	741	316	3,522
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	20	43	61	77	135	265	447	436	166	1,649
Total Covid-19 Hospitalizations - Vaccinated	50	174	248	360	551	933	1,197	1,177	482	5,171
Covid-19 Hospitalizations - Unvaccinated**	1,294	1,357	1,529	1,686	1,888	1,841	1,816	1,483	537	13,428
Total Covid-19 Hospitalizations**	1,344	1,531	1,777	2,046	2,439	2,774	3,013	2,660	1,018	18,598
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	4%	11%	14%	18%	23%	34%	40%	44%	47%	28%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	13	18	35	124	207	275	155	833
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	-	3	15	45	85	127	67	341
Total Covid-19 Deaths - Vaccinated**	-	8	13	20	50	169	292	402	222	1,174
Total Covid-19 Deaths - Unvaccinated**	10	30	45	82	174	380	589	689	330	2,327
Total Covid-19 Deaths**	10	38	58	102	223	548	881	1,091	552	3,501
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	22%	20%	22%	31%	33%	37%	40%	34%
Total Severe Breakthrough Cases**	50	182	261	380	601	1,102	1,488	1,579	704	6,344

*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	115	172	271	401	655	732	730	299	3,387
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	8	17	37	56	117	245	433	418	145	1,476
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	20	132	209	327	518	900	1,165	1,148	444	4,863
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,283	1,343	1,512	1,672	1,874	1,827	1,801	1,471	523	13,306
Total Covid-19 Hospitalizations - Minimum **	1,303	1,475	1,721	1,999	2,392	2,727	2,966	2,619	967	18,169
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	2%	9%	12%	16%	22%	33%	39%	44%	46%	27%
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	6	24	68	106	52	257
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	5	8	24	134	269	369	201	1,013
Total Covid-19 Deaths - Unvaccinated - Minimum **	4	12	24	59	157	372	577	678	321	2,204
Total Covid-19 Deaths - Minimum **	4	15	29	67	181	506	846	1,047	522	3,217
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	17%	12%	13%	26%	32%	35%	39%	31%
Total Severe Breakthrough Cases - Minimum **	20	135	214	335	542	1,034	1,434	1,517	645	5,876

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	48	148	202	295	431	682	768	751	332	3,657
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	32	68	85	98	153	284	460	454	187	1,821
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	80	216	287	393	584	966	1,228	1,205	519	5,478
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,304	1,370	1,545	1,699	1,901	1,854	1,831	1,495	550	13,549
Total Covid-19 Hospitalizations - Maximum **	1,384	1,586	1,832	2,092	2,485	2,820	3,059	2,700	1,069	19,027
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	6%	14%	16%	19%	24%	34%	40%	45%	49%	29%
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	24	66	101	148	82	425
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	20	32	75	203	314	435	243	1,334
Total Covid-19 Deaths - Unvaccinated - Maximum **	16	48	66	104	190	387	601	699	339	2,450
Total Covid-19 Deaths - Maximum **	16	60	86	136	265	590	915	1,134	582	3,784
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	23%	24%	28%	34%	34%	38%	42%	35%
Total Severe Breakthrough Cases - Maximum **	80	228	307	425	659	1,169	1,542	1,640	762	6,812

*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.**