

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through July 24, 2021*



Report Run Date: July 30, 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**	28	125	183	277	404	657	755	740	328	3,496
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	20	43	50	71	117	226	377	368	131	1,402
Total Covid-19 Hospitalizations - Vaccinated	48	168	233	348	521	883	1,132	1,108	459	4,898
Covid-19 Hospitalizations - Unvaccinated**	1,258	1,303	1,539	1,636	1,845	1,840	1,784	1,475	555	13,231
Total Covid-19 Hospitalizations**	1,306	1,470	1,772	1,983	2,365	2,723	2,916	2,583	1,013	18,129
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	4%	11%	13%	18%	22%	32%	39%	43%	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	43	79	125	65	328
Total Covid-19 Deaths - Vaccinated**	-	8	13	20	50	166	286	400	217	1,158
Total Covid-19 Deaths - Unvaccinated**	10	30	43	82	174	380	587	686	328	2,317
Total Covid-19 Deaths**	10	38	55	102	223	546	872	1,086	545	3,475
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	23%	20%	22%	30%	33%	37%	40%	33%
Total Severe Breakthrough Cases**	48	175	246	368	570	1,049	1,418	1,508	676	6,055

*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 **	11	110	168	268	390	645	737	734	316	3,379
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	8	17	26	48	99	208	365	350	111	1,232
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	19	127	194	316	489	853	1,102	1,084	427	4,611
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,249	1,289	1,522	1,622	1,831	1,826	1,770	1,461	541	13,111
Total Covid-19 Hospitalizations - Minimum **	1,268	1,416	1,716	1,938	2,320	2,679	2,872	2,545	968	17,722
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	1%	9%	11%	16%	21%	32%	38%	43%	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	23	62	105	51	248
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	5	8	24	133	263	368	199	1,003
Total Covid-19 Deaths - Unvaccinated - Minimum **	4	12	23	59	157	372	576	677	320	2,200
Total Covid-19 Deaths - Minimum **	4	15	28	67	181	505	839	1,045	519	3,203
% 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 **	19	130	199	324	513	986	1,365	1,452	626	5,614

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

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	44	140	198	286	417	669	773	746	340	3,613
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	32	68	74	93	135	244	389	386	150	1,571
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	76	208	272	379	552	913	1,162	1,132	490	5,184
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,267	1,316	1,555	1,649	1,858	1,853	1,797	1,488	568	13,351
Total Covid-19 Hospitalizations - Maximum **	1,343	1,524	1,827	2,028	2,410	2,766	2,959	2,620	1,058	18,535
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	6%	14%	15%	19%	23%	33%	39%	43%	46%	28%
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	62	95	144	78	407
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	20	32	75	199	308	431	235	1,312
Total Covid-19 Deaths - Unvaccinated - Maximum **	16	48	62	104	190	387	597	695	335	2,434
Total Covid-19 Deaths - Maximum **	16	60	82	136	265	586	905	1,126	570	3,746
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	20%	24%	24%	28%	34%	34%	38%	41%	35%
Total Severe Breakthrough Cases - Maximum **	76	220	292	411	627	1,112	1,470	1,563	725	6,496

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

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