

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through September 18, 2021*



Report Run Date: September 24, 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**	45	152	225	306	452	704	796	788	341	3,808
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	70	285	365	337	492	692	1,009	1,015	330	4,591
Covid-19 Hospitalizations after Vaccination - 3rd Dose**	5	8	15	34	37	125	181	232	62	696
Total Covid-19 Hospitalizations - Vaccinated	120	444	604	676	980	1,521	1,985	2,035	733	9,095
Covid-19 Hospitalizations - Unvaccinated**	2,046	1,690	2,046	2,198	2,342	2,414	2,240	1,895	705	17,574
Total Covid-19 Hospitalizations**	2,165	2,133	2,650	2,874	3,322	3,935	4,225	3,929	1,438	26,668
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	6%	21%	23%	24%	29%	39%	47%	52%	51%	34%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	10	18	40	131	220	288	168	880
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	3	3	33	108	207	304	144	800
Covid-19 Deaths after Vaccination - 3rd Dose**	-	-	-	-	5	15	35	50	18	122
Total Covid-19 Deaths - Vaccinated**	-	8	13	20	77	254	462	641	329	1,802
Total Covid-19 Deaths - Unvaccinated**	13	33	55	93	191	461	690	830	411	2,776
Total Covid-19 Deaths**	13	40	68	113	268	715	1,152	1,471	740	4,577
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	19%	18%	29%	35%	40%	44%	44%	39%
Total Severe Breakthrough Cases**	120	451	617	696	1,057	1,774	2,446	2,676	1,061	10,896

*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 **	18	126	204	288	429	683	770	767	317	3,602
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	53	259	339	317	475	672	995	998	309	4,417
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Minimum **	2	3	10	32	35	125	179	232	57	675
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	73	388	553	637	939	1,480	1,944	1,997	683	8,694
Covid-19 Hospitalizations - Unvaccinated - Minimum **	2,035	1,676	2,029	2,184	2,327	2,399	2,225	1,881	690	17,446
Total Covid-19 Hospitalizations - Minimum **	2,108	2,064	2,582	2,821	3,266	3,879	4,169	3,878	1,373	26,140
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	3%	19%	21%	23%	29%	38%	47%	51%	50%	33%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	4	7	20	113	206	268	154	775
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	1	1	13	88	189	286	127	705
Covid-19 Deaths after Vaccination - 3rd Dose - Minimum **	-	-	-	-	2	6	35	48	13	104
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	5	8	35	207	430	602	294	1,584
Total Covid-19 Deaths - Unvaccinated - Minimum **	5	13	25	64	167	452	678	818	399	2,621
Total Covid-19 Deaths - Minimum **	5	16	30	72	202	659	1,108	1,420	693	4,205
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	17%	11%	17%	31%	39%	42%	42%	38%
Total Severe Breakthrough Cases - Minimum **	73	391	558	645	974	1,687	2,374	2,599	977	10,278

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	72	177	246	324	474	725	821	809	365	4,013
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	86	310	390	356	508	711	1,022	1,031	351	4,765
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Maximum **	8	12	19	35	38	125	182	232	66	717
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	166	499	655	715	1,020	1,561	2,025	2,072	782	9,495
Covid-19 Hospitalizations - Unvaccinated - Maximum **	2,056	1,703	2,062	2,211	2,357	2,429	2,255	1,908	720	17,701
Total Covid-19 Hospitalizations - Maximum **	2,222	2,202	2,717	2,926	3,377	3,990	4,280	3,980	1,502	27,196
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	7%	23%	24%	24%	30%	39%	47%	52%	52%	35%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	16	28	59	149	233	307	181	985
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	4	4	52	127	225	322	160	894
Covid-19 Deaths after Vaccination - 3rd Dose - Maximum **	-	-	-	-	8	24	35	51	22	140
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	20	32	119	300	493	680	363	2,019
Total Covid-19 Deaths - Unvaccinated - Maximum **	20	52	85	121	215	470	702	842	423	2,930
Total Covid-19 Deaths - Maximum **	20	64	105	153	334	770	1,195	1,522	786	4,949
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	19%	21%	36%	39%	41%	45%	46%	41%
Total Severe Breakthrough Cases - Maximum **	166	511	675	747	1,139	1,861	2,518	2,752	1,145	11,514

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