

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through September 11, 2021*



Report Run Date: September 19, 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**	43	149	217	300	449	702	792	786	335	3,772
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	63	244	332	309	461	663	971	980	320	4,339
Covid-19 Hospitalizations after Vaccination - 3rd Dose**	3	5	12	24	34	114	163	206	59	619
Total Covid-19 Hospitalizations - Vaccinated	108	398	561	632	944	1,478	1,925	1,971	714	8,729
Covid-19 Hospitalizations - Unvaccinated**	1,901	1,621	1,928	2,099	2,250	2,322	2,180	1,816	676	16,791
Total Covid-19 Hospitalizations**	2,008	2,018	2,488	2,731	3,194	3,800	4,105	3,787	1,390	25,520
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	5%	20%	23%	23%	30%	39%	47%	52%	51%	34%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	10	18	37	129	217	285	165	868
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	3	3	30	103	196	294	139	766
Covid-19 Deaths after Vaccination - 3rd Dose**	-	-	-	-	3	13	30	42	13	99
Total Covid-19 Deaths - Vaccinated**	-	8	13	20	70	244	443	620	317	1,733
Total Covid-19 Deaths - Unvaccinated**	13	33	53	90	189	441	673	804	398	2,692
Total Covid-19 Deaths**	13	40	65	110	258	685	1,116	1,424	715	4,425
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	19%	18%	27%	36%	40%	44%	44%	39%
Total Severe Breakthrough Cases**	108	405	573	652	1,013	1,722	2,368	2,591	1,031	10,462

*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 **	17	125	196	282	428	682	768	766	311	3,575
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	46	218	306	289	444	643	957	963	299	4,165
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Minimum **	1	2	9	22	34	114	161	206	56	605
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	64	345	511	593	906	1,439	1,886	1,935	666	8,345
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,890	1,607	1,911	2,085	2,235	2,307	2,165	1,802	661	16,663
Total Covid-19 Hospitalizations - Minimum **	1,954	1,952	2,422	2,678	3,141	3,746	4,051	3,737	1,327	25,008
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	3%	18%	21%	22%	29%	38%	47%	52%	50%	33%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	4	7	19	112	205	267	153	770
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	1	1	12	83	178	274	124	673
Covid-19 Deaths after Vaccination - 3rd Dose - Minimum **	-	-	-	-	1	5	30	40	8	84
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	5	8	32	200	413	581	285	1,527
Total Covid-19 Deaths - Unvaccinated - Minimum **	5	13	24	63	166	432	661	792	386	2,542
Total Covid-19 Deaths - Minimum **	5	16	29	71	198	632	1,074	1,373	671	4,069
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	17%	11%	16%	32%	38%	42%	42%	38%
Total Severe Breakthrough Cases - Minimum **	64	348	516	601	938	1,639	2,299	2,516	951	9,872

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	68	173	238	318	470	721	816	805	359	3,968
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	79	269	357	328	477	682	984	996	341	4,513
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Maximum **	4	8	15	25	34	114	164	206	62	632
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	151	450	610	671	981	1,517	1,964	2,007	762	9,113
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,911	1,634	1,944	2,112	2,265	2,337	2,195	1,829	691	16,918
Total Covid-19 Hospitalizations - Maximum **	2,062	2,084	2,554	2,783	3,246	3,854	4,159	3,836	1,453	26,031
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	7%	22%	24%	24%	30%	39%	47%	52%	52%	35%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	16	28	55	145	229	303	177	965
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	4	4	48	122	214	313	154	859
Covid-19 Deaths after Vaccination - 3rd Dose - Maximum **	-	-	-	-	4	20	30	43	17	114
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	20	32	107	287	473	659	348	1,938
Total Covid-19 Deaths - Unvaccinated - Maximum **	20	52	81	117	211	450	685	816	410	2,842
Total Covid-19 Deaths - Maximum **	20	64	101	149	318	737	1,158	1,475	758	4,780
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	20%	21%	34%	39%	41%	45%	46%	41%
Total Severe Breakthrough Cases - Maximum **	151	462	630	703	1,088	1,804	2,437	2,666	1,110	11,051

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**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.