

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through September 25, 2021*



Report Run Date: October 4, 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	157	230	312	454	706	801	792	344	3,839
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	72	314	391	364	505	721	1,040	1,044	337	4,785
Covid-19 Hospitalizations after Vaccination - 3rd Dose**	5	10	17	36	41	135	196	247	76	762
Total Covid-19 Hospitalizations - Vaccinated	122	480	638	712	1,000	1,561	2,036	2,082	756	9,385
Covid-19 Hospitalizations - Unvaccinated**	2,142	1,749	2,133	2,285	2,432	2,485	2,302	1,938	727	18,191
Total Covid-19 Hospitalizations**	2,264	2,229	2,770	2,996	3,432	4,046	4,338	4,020	1,483	27,576
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	5%	22%	23%	24%	29%	39%	47%	52%	51%	34%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	10	18	42	134	222	290	170	893
Covid-19 Deaths after Vaccination - 2nd Dose**	-	3	3	5	35	110	219	318	146	838
Covid-19 Deaths after Vaccination - 3rd Dose**	-	-	-	-	8	18	39	52	20	136
Total Covid-19 Deaths - Vaccinated**	-	10	13	23	85	261	480	660	336	1,866
Total Covid-19 Deaths - Unvaccinated**	13	33	58	95	197	476	712	859	420	2,862
Total Covid-19 Deaths**	13	43	70	118	282	737	1,192	1,519	756	4,728
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	24%	18%	19%	30%	35%	40%	43%	44%	39%
Total Severe Breakthrough Cases**	122	490	650	734	1,084	1,822	2,515	2,742	1,092	11,251

*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	131	209	294	430	683	775	769	318	3,627
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	54	288	365	344	488	701	1,026	1,027	316	4,609
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Minimum **	2	4	11	33	38	135	194	247	71	735
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	74	423	585	671	956	1,519	1,995	2,043	705	8,971
Covid-19 Hospitalizations - Unvaccinated - Minimum **	2,131	1,735	2,116	2,271	2,417	2,470	2,287	1,924	712	18,063
Total Covid-19 Hospitalizations - Minimum **	2,205	2,158	2,701	2,942	3,373	3,989	4,282	3,967	1,417	27,034
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	3%	20%	22%	23%	28%	38%	47%	51%	50%	33%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	4	7	21	114	207	269	155	780
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	1	1	2	14	89	201	300	128	736
Covid-19 Deaths after Vaccination - 3rd Dose - Minimum **	-	-	-	-	3	7	37	49	14	110
Total Covid-19 Deaths - Vaccinated - Minimum **	-	4	5	9	38	210	445	618	297	1,626
Total Covid-19 Deaths - Unvaccinated - Minimum **	5	13	26	65	173	467	700	847	408	2,704
Total Covid-19 Deaths - Minimum **	5	17	31	74	211	677	1,145	1,465	705	4,330
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	24%	16%	12%	18%	31%	39%	42%	42%	38%
Total Severe Breakthrough Cases - Minimum **	74	427	590	680	994	1,729	2,440	2,661	1,002	10,597

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	72	182	251	330	478	728	826	814	369	4,050
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	90	339	416	383	521	740	1,053	1,060	358	4,960
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Maximum **	8	16	23	39	44	135	197	247	80	789
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	170	537	690	752	1,043	1,603	2,076	2,121	807	9,799
Covid-19 Hospitalizations - Unvaccinated - Maximum **	2,152	1,762	2,149	2,298	2,447	2,500	2,317	1,951	742	18,318
Total Covid-19 Hospitalizations - Maximum **	2,322	2,299	2,839	3,050	3,490	4,103	4,393	4,072	1,549	28,117
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	7%	23%	24%	25%	30%	39%	47%	52%	52%	35%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	16	28	63	153	237	311	185	1,005
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	4	4	8	56	131	237	336	164	940
Covid-19 Deaths after Vaccination - 3rd Dose - Maximum **	-	-	-	-	12	28	40	55	26	161
Total Covid-19 Deaths - Vaccinated - Maximum **	-	16	20	36	131	312	514	702	375	2,106
Total Covid-19 Deaths - Unvaccinated - Maximum **	20	52	89	125	221	485	724	871	432	3,019
Total Covid-19 Deaths - Maximum **	20	68	109	161	352	797	1,238	1,573	807	5,125
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	24%	18%	22%	37%	39%	42%	45%	46%	41%
Total Severe Breakthrough Cases - Maximum **	170	553	710	788	1,174	1,915	2,590	2,823	1,182	11,905

*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.