

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through September 4, 2021*



Report Run Date: September 12, 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**	40	147	207	293	440	696	786	780	333	3,720
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	58	201	276	282	421	633	935	942	309	4,053
Covid-19 Hospitalizations after Vaccination - 3rd Dose**	-	3	5	17	28	98	148	178	57	532
Total Covid-19 Hospitalizations - Vaccinated	98	350	488	591	889	1,426	1,868	1,899	698	8,305
Covid-19 Hospitalizations - Unvaccinated**	1,762	1,552	1,850	2,009	2,178	2,225	2,114	1,769	648	16,105
Total Covid-19 Hospitalizations**	1,860	1,901	2,337	2,600	3,067	3,651	3,982	3,668	1,346	24,410
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	5%	18%	21%	23%	29%	39%	47%	52%	52%	34%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	10	18	37	126	215	283	163	858
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	-	3	28	90	176	269	128	692
Covid-19 Deaths after Vaccination - 3rd Dose**	-	-	-	-	3	10	22	30	10	74
Total Covid-19 Deaths - Vaccinated**	-	8	10	20	67	226	412	581	301	1,623
Total Covid-19 Deaths - Unvaccinated**	13	33	50	87	186	426	650	780	379	2,603
Total Covid-19 Deaths**	13	40	60	107	253	652	1,062	1,361	680	4,226
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	17%	19%	26%	35%	39%	43%	44%	38%
Total Severe Breakthrough Cases**	98	357	498	611	956	1,652	2,280	2,480	999	9,928

*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 **	16	124	186	275	419	676	762	760	310	3,528
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	41	175	250	262	404	613	921	925	288	3,879
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Minimum **	-	1	2	15	28	98	146	178	55	523
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	57	300	438	552	851	1,387	1,829	1,863	653	7,930
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,753	1,538	1,833	1,995	2,163	2,210	2,099	1,755	633	15,979
Total Covid-19 Hospitalizations - Minimum **	1,810	1,838	2,271	2,547	3,014	3,597	3,928	3,618	1,286	23,909
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	3%	16%	19%	22%	28%	39%	47%	51%	51%	33%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	4	7	19	111	204	266	152	766
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	-	1	11	70	159	249	113	603
Covid-19 Deaths after Vaccination - 3rd Dose - Minimum **	-	-	-	-	1	4	22	28	7	62
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	4	8	31	185	385	543	272	1,431
Total Covid-19 Deaths - Unvaccinated - Minimum **	5	13	23	61	165	417	638	768	367	2,457
Total Covid-19 Deaths - Minimum **	5	16	27	69	196	602	1,023	1,311	639	3,888
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	15%	12%	16%	31%	38%	41%	43%	37%
Total Severe Breakthrough Cases - Minimum **	57	303	442	560	882	1,572	2,214	2,406	925	9,361

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

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	64	169	228	311	461	715	810	799	355	3,912
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	74	226	301	301	437	652	948	958	330	4,227
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Maximum **	-	4	8	18	28	98	149	178	58	541
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	138	399	537	630	926	1,465	1,907	1,935	743	8,680
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,771	1,565	1,866	2,022	2,193	2,240	2,129	1,782	663	16,231
Total Covid-19 Hospitalizations - Maximum **	1,909	1,964	2,403	2,652	3,119	3,705	4,036	3,717	1,406	24,911
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	7%	20%	22%	24%	30%	40%	47%	52%	53%	35%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	16	28	55	141	225	299	173	949
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	-	4	44	109	192	288	143	780
Covid-19 Deaths after Vaccination - 3rd Dose - Maximum **	-	-	-	-	4	16	22	31	13	86
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	16	32	103	266	439	618	329	1,815
Total Covid-19 Deaths - Unvaccinated - Maximum **	20	52	77	112	207	435	662	792	391	2,748
Total Covid-19 Deaths - Maximum **	20	64	93	144	310	701	1,101	1,410	720	4,563
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	17%	22%	33%	38%	40%	44%	46%	40%
Total Severe Breakthrough Cases - Maximum **	138	411	553	662	1,029	1,731	2,346	2,553	1,072	10,495

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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.