

Israeli Public Health Data: Estimated Covid-19 Hospitalizations And Deaths By Age And Vaccination Status — December 20, 2020 Through August 28, 2021*



Report Run Date: September 5, 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**	38	144	201	291	434	691	783	776	328	3,684
Covid-19 Hospitalizations after Vaccination - 2nd Dose**	50	151	213	236	375	592	883	886	293	3,675
Covid-19 Hospitalizations after Vaccination - 3rd Dose**	-	-	3	9	16	79	123	138	45	411
Total Covid-19 Hospitalizations - Vaccinated	87	295	416	535	825	1,361	1,788	1,800	665	7,770
Covid-19 Hospitalizations - Unvaccinated**	1,619	1,500	1,760	1,914	2,101	2,122	2,038	1,699	629	15,380
Total Covid-19 Hospitalizations**	1,706	1,794	2,176	2,448	2,926	3,483	3,826	3,498	1,294	23,149
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	5%	16%	19%	22%	28%	39%	47%	51%	51%	34%
Covid-19 Deaths after Vaccination - 1st Dose**	-	8	10	18	37	124	212	280	160	848
Covid-19 Deaths after Vaccination - 2nd Dose**	-	-	-	3	25	82	155	237	112	612
Covid-19 Deaths after Vaccination - 3rd Dose**	-	-	-	-	3	8	12	20	5	47
Total Covid-19 Deaths - Vaccinated**	-	8	10	20	65	213	379	537	277	1,507
Total Covid-19 Deaths - Unvaccinated**	10	33	45	84	184	409	626	742	368	2,500
Total Covid-19 Deaths**	10	40	55	104	248	622	1,005	1,279	645	4,007
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	18%	19%	26%	34%	38%	42%	43%	38%
Total Severe Breakthrough Cases**	87	302	426	555	889	1,574	2,166	2,336	942	9,276

*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 **	15	123	180	274	413	671	760	758	305	3,499
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Minimum **	33	125	187	216	358	572	869	869	272	3,501
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Minimum **	-	-	1	7	16	79	121	138	43	405
Total Covid-19 Hospitalizations - Vaccinated - Minimum **	48	248	368	497	787	1,322	1,750	1,765	620	7,405
Covid-19 Hospitalizations - Unvaccinated - Minimum **	1,610	1,486	1,743	1,900	2,086	2,108	2,023	1,685	614	15,255
Total Covid-19 Hospitalizations - Minimum **	1,658	1,734	2,111	2,397	2,873	3,430	3,773	3,450	1,234	22,660
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	3%	14%	17%	21%	27%	39%	46%	51%	50%	33%
Covid-19 Deaths after Vaccination - 1st Dose - Minimum **	-	3	4	7	19	110	203	265	151	762
Covid-19 Deaths after Vaccination - 2nd Dose - Minimum **	-	-	-	1	10	62	138	217	97	525
Covid-19 Deaths after Vaccination - 3rd Dose - Minimum **	-	-	-	-	1	3	12	20	2	38
Total Covid-19 Deaths - Vaccinated - Minimum **	-	3	4	8	30	175	353	502	250	1,325
Total Covid-19 Deaths - Unvaccinated - Minimum **	4	13	21	60	164	400	614	730	356	2,362
Total Covid-19 Deaths - Minimum **	4	16	25	68	194	575	967	1,232	606	3,687
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	16%	12%	15%	30%	37%	41%	41%	36%
Total Severe Breakthrough Cases - Minimum **	48	251	372	505	817	1,497	2,103	2,267	870	8,730

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

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Covid-19 Hospitalizations after Vaccination - 1st Dose - Maximum **	60	165	222	307	455	710	805	794	350	3,868
Covid-19 Hospitalizations after Vaccination - 2nd Dose - Maximum **	66	176	238	255	391	611	896	902	314	3,849
Covid-19 Hospitalizations after Vaccination - 3rd Dose - Maximum **	-	-	4	10	16	79	124	138	46	417
Total Covid-19 Hospitalizations - Vaccinated - Maximum **	126	341	464	572	862	1,400	1,825	1,834	710	8,134
Covid-19 Hospitalizations - Unvaccinated - Maximum **	1,628	1,513	1,776	1,927	2,116	2,135	2,053	1,712	644	15,504
Total Covid-19 Hospitalizations - Maximum **	1,754	1,854	2,240	2,499	2,978	3,535	3,878	3,546	1,354	23,638
% of Total Covid-19 Hospitalizations Who Received at least One Vaccine Dose	7%	18%	21%	23%	29%	40%	47%	52%	52%	34%
Covid-19 Deaths after Vaccination - 1st Dose - Maximum **	-	12	16	28	55	137	221	295	169	933
Covid-19 Deaths after Vaccination - 2nd Dose - Maximum **	-	-	-	4	40	101	171	256	127	699
Covid-19 Deaths after Vaccination - 3rd Dose - Maximum **	-	-	-	-	4	12	12	20	8	56
Total Covid-19 Deaths - Vaccinated - Maximum **	-	12	16	32	99	250	404	571	304	1,688
Total Covid-19 Deaths - Unvaccinated - Maximum **	16	52	69	108	203	418	638	754	380	2,638
Total Covid-19 Deaths - Maximum **	16	64	85	140	302	668	1,042	1,325	684	4,326
% of Total Covid-19 Deaths Who Received at least One Vaccine Dose	0%	19%	19%	23%	33%	37%	39%	43%	44%	39%
Total Severe Breakthrough Cases - Maximum **	126	353	480	604	961	1,650	2,229	2,405	1,014	9,822

*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.