

Indicators Program

Covid-19 in Iowa: Vaccinations

Figure 1. Iowans Receiving Covid-19 Vaccine Series, 2021

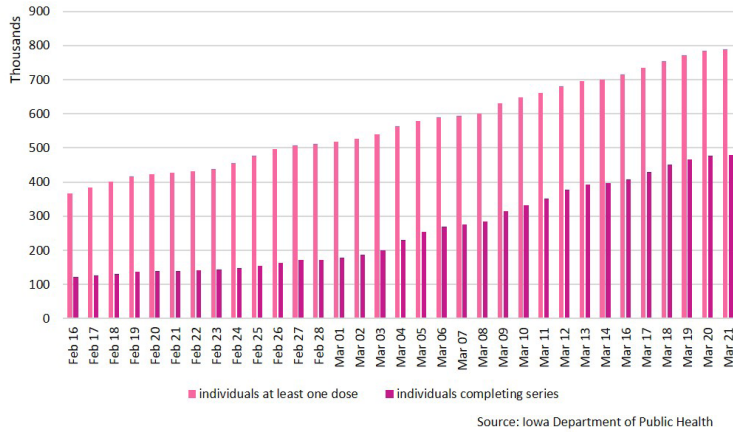


Figure 2. Percent of Iowa Residents Receiving Covid-19 Vaccine Series, 2021

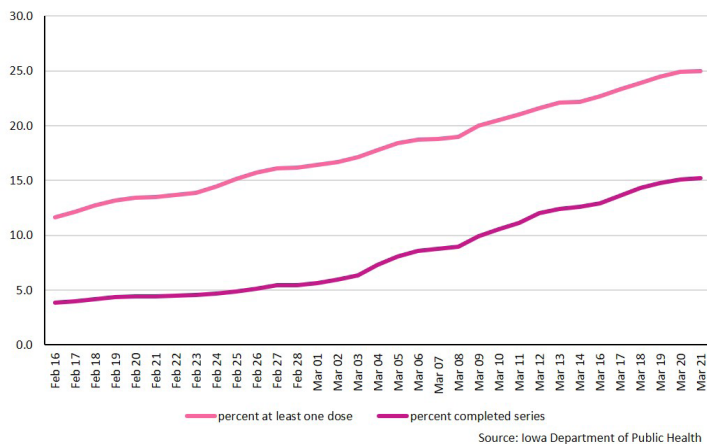
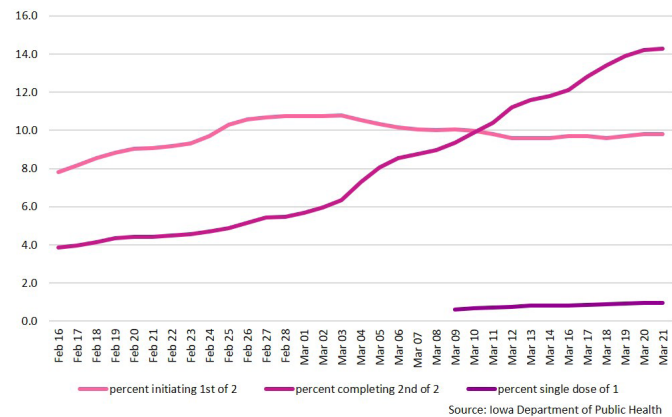


Figure 3. Percent of Iowa Residents Receiving Covid-19 Vaccine by Type of Doses, 2021



Vaccines to immunize against Covid-19¹ initially became available in Iowa in December, 2020 on a limited basis for healthcare personnel and persons in long term care facilities. Since then, vaccination eligibility has opened up to persons 65 and older, other essential workers, and adults younger than 65 with underlying medical conditions. It is anticipated that in the weeks ahead, depending on vaccine supply, that all adults will become eligible.

The vaccine data reported here are from the Iowa Department of Public Health (IDPH).² Nearly 1.29 million vaccine doses have been administered in Iowa with 1.24 million of those doses (96%) going to Iowans. On some of the days reported, 30,000 or more doses have been given across the state. Doses given on weekends tend to be lowest (Table 1).

IDPH also provides information on the number of doses and persons who have received the various types and series of vaccines. Some may have had just one dose of a series of two, others have completed both doses. When a person completes the two-dose series, that person is reclassified into the “series completed” group. In recent days, IDPH has also reported those who have received the one-dose series and those are included in the category of “series completed.”

In mid-February, just over 11%³ of Iowans had received at least one dose of a vaccine and nearly 4% had completed getting both doses. In the month reported here, there are now nearly 790,000 Iowans (25%) who have had at least one dose of vaccine and 480,000 (15%) have finished either the one- or two-dose series (Figures 1, 2; Table 1). By far, most Iowans (14%) are receiving the two-dose series as it has been more readily available. Around 1% of Iowans have received the one-dose series. In recent weeks, around 10% of Iowans have gotten their first dose and are waiting for the second round (Figure 3, Table 1).

Notes

¹Coronavirus disease 2019 (COVID-19) is defined as illness caused by a novel coronavirus <https://www.medscape.com/answers/2500114-197401/what-is-covid-19>

²Data reported here are from the Iowa Department of Public Health <https://coronavirus.iowa.gov/pages/vaccineinformation>

³Based on total population, U.S. Census Bureau, Population Estimates, <https://www.census.gov/programs-surveys/popest/data/tables.html>

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Table 1. Vaccine Doses Given in Iowa and Number and Percentage¹ of Iowans Receiving Vaccines by Series Type, Iowa, 2021.²

Date	Vaccine Doses Given in Iowa			Number of Iowans Receiving Vaccines			Cumulative & Daily Number of Iowans Receiving Vaccines					
	Total ³	Doses to Iowans		One Dose of Two ⁴	Two Doses of Two	One Dose of One	At Least One Dose			Series Completed ⁵		
		Number	Number				Daily	Number	%	Daily	Number	%
Feb 16	509,090	488,936		246,007	121,492		367,499	11.6		121,492	3.9	
Feb 17	529,445	508,648	19,712	257,723	125,489		383,212	12.1	15,713	125,489	4.0	3,997
Feb 18	553,428	531,970	23,322	269,756	131,135		400,891	12.7	17,679	131,135	4.2	5,646
Feb 19	574,835	552,680	20,710	278,417	137,160		415,577	13.2	14,686	137,160	4.3	6,025
Feb 20	585,961	563,487	10,807	284,683	139,430		424,113	13.4	8,536	139,430	4.4	2,270
Feb 21	589,056	566,502	3,015	286,622	139,968		426,590	13.5	2,477	139,968	4.4	538
Feb 22	595,568	572,805	6,303	289,757	141,552		431,309	13.7	4,719	141,552	4.5	1,584
Feb 23	604,483	581,472	8,667	294,009	143,762		437,771	13.9	6,462	143,762	4.6	2,210
Feb 24	626,947	603,415	21,943	306,438	148,520		454,958	14.4	17,187	148,520	4.7	4,758
Feb 25	655,964	631,645	28,230	324,429	153,646		478,075	15.2	23,117	153,646	4.9	5,126
Feb 26	683,813	658,639	26,994	333,871	162,429		496,300	15.7	18,225	162,429	5.1	8,783
Feb 27	705,151	679,016	20,377	336,881	171,126		508,007	16.1	11,707	171,126	5.4	8,697
Feb 28	710,675	684,428	5,412	338,918	172,814		511,732	16.2	3,725	172,814	5.5	1,688
Mar 01	723,262	696,640	12,212	339,056	178,856		517,912	16.4	6,180	178,856	5.7	6,042
Mar 02	742,386	715,176	18,536	339,452	187,931		527,383	16.7	9,471	187,931	6.0	9,075
Mar 03	768,426	740,526	25,350	340,657	200,008		540,665	17.1	13,282	200,008	6.3	12,077
Mar 04	822,458	793,037	52,511	332,634	230,204		562,838	17.8	22,173	230,204	7.3	30,196
Mar 05	864,749	833,624	40,587	325,450	254,098		579,548	18.4	16,710	254,098	8.1	23,894
Mar 06	892,815	860,517	26,893	320,185	270,169		590,354	18.7	10,806	270,169	8.6	16,071
Mar 07	902,070	869,527	9,010	316,695	276,419		593,114	18.8	2,760	276,419	8.8	6,250
Mar 08	916,360	883,181	13,654	316,353	283,420		599,773	19.0	6,659	283,420	9.0	7,001
Mar 09	963,787	925,909	42,728	316,903	295,173	18,696	630,772	20.0	30,999	313,869	9.9	30,449
Mar 10	998,054	959,053	33,144	315,139	311,550	20,859	647,548	20.5	16,776	332,409	10.5	18,540
Mar 11	1,031,062	990,459	31,406	310,577	329,088	21,764	661,429	21.0	13,881	350,852	11.1	18,443
Mar 12	1,076,880	1,034,866	44,407	301,986	354,641	23,620	680,247	21.6	18,818	378,261	12.0	27,409
Mar 13	1,105,700	1,062,843	27,977	303,634	366,922	25,389	695,945	22.1	15,698	392,311	12.4	14,050
Mar 14	1,113,996	1,070,910	8,067	303,429	371,026	25,465	699,920	22.2	3,975	396,491	12.6	4,180
Mar 16 ⁶	1,140,550	1,096,699	25,789	306,931	381,141	26,159	714,931	22.7	15,011	408,000	12.9	11,509
Mar 17	1,181,990	1,138,228	41,529	305,841	402,612	27,248	735,701	23.3	20,770	429,860	13.6	21,860
Mar 18	1,220,604	1,175,680	37,452	303,393	422,114	28,181	753,688	23.9	17,987	450,295	14.3	20,435
Mar 19	1,256,561	1,210,137	34,457	305,843	437,626	29,190	772,659	24.5	18,971	466,816	14.8	16,521
Mar 20	1,278,654	1,231,634	21,497	308,564	446,818	29,580	784,962	24.9	12,303	476,398	15.1	9,582
Mar 21	1,287,475	1,240,253	8,619	309,905	450,424	29,648	789,977	25.0	5,015	480,072	15.2	3,674

¹Percentage based on 2019 total population estimate for Iowa of 3,155,070; ²Source, Iowa Department of Public Health; ³Includes doses given to non-Iowans; ⁴Only includes those who have *not yet* received second dose of two, as persons receive their second dose they are moved into the count of having received both doses; ⁵Includes those completing both two and one dose series; ⁶March 15 data unavailable.

This report, others in the series, along with other information related to Covid-19 in Iowa and nationwide is available at: <https://indicators.extension.iastate.edu/Indicators/COVID19/>

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