

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
MINNESOTA	2021	63,063	♥56,017 (88.8)	1,720	1,307 (76.0)	2,039	1,214 (59.5)	2,372	♥2,086 (87.9)	4,176	3,182 (76.2)	3,825	♥3,597 (94.0)	1,542	♥1,421 (92.2)	39,396	♥36,121 (91.7)	7,993	♥7,089 (88.7)
	2020	62,371	♥55,783 (89.4)	1,747	1,359 (77.8)	2,117	1,357 (64.1)	2,424	♥2,159 (89.1)	4,397	3,477 (79.1)	3,986	♥3,772 (94.6)	1,524	♥1,356 (89.0)	38,361	♥35,322 (92.1)	7,815	♥6,981 (89.3)
	2019	64,848	♥58,077 (89.6)	1,369	997 (72.8)	2,138	1,327 (62.1)	2,525	♥2,249 (89.1)	4,487	3,583 (79.9)	4,096	♥3,864 (94.3)	1,478	♥1,332 (90.1)	40,971	♥37,695 (92.0)	7,784	♥7,030 (90.3)
	2018	66,210	♥59,539 (89.9)	1,696	1,317 (77.7)	2,174	1,365 (62.8)	2,514	♥2,262 (90.0)	4,353	3,500 (80.4)	4,013	♥3,779 (94.2)	1,492	♥1,374 (92.1)	42,165	♥38,916 (92.3)	7,803	♥7,026 (90.0)
	2017	67,268	♥60,245 (89.6)	1,495	1,177 (78.7)	2,106	1,334 (63.3)	2,582	♥2,339 (90.6)	4,252	3,385 (79.6)	3,977	♥3,726 (93.7)	1,572	♥1,422 (90.5)	42,971	♥39,503 (91.9)	8,313	♥7,359 (88.5)
AITKIN	2021	96	♥83 (86.5)	12	9 (****)	0	0	<5	****	0	0	0	0	0	0	80	♥70 (87.5)	<5	****
	2020	105	♥93 (88.6)	7	6 (****)	0	0	0	0	0	0	0	0	0	0	94	♥84 (89.4)	<5	****
	2019	109	♥104 (95.4)	7	5 (****)	0	0	0	0	<5	****	0	0	<5	****	96	♥93 (96.9)	<5	****
	2018	122	♥110 (90.2)	8	5 (****)	0	0	<5	****	<5	****	0	0	<5	****	108	♥100 (92.6)	0	0
	2017	121	♥102 (84.3)	13	9 (****)	0	0	0	0	<5	****	0	0	0	0	102	♥87 (85.3)	<5	****
ANOKA	2021	4,156	♥3,720 (89.5)	81	♥73 (90.1)	246	154 (62.6)	139	♥127 (91.4)	290	236 (81.4)	248	♥231 (93.1)	205	♥195 (95.1)	2,484	♥2,283 (91.9)	463	♥421 (90.9)
	2020	3,978	♥3,520 (88.5)	68	54 (79.4)	212	150 (70.8)	145	♥133 (91.7)	291	234 (80.4)	234	♥215 (91.9)	187	♥160 (85.6)	2,414	♥2,197 (91.0)	427	♥377 (88.3)
	2019	4,150	♥3,736 (90.0)	47	♥39 (83.0)	195	126 (64.6)	153	♥144 (94.1)	299	244 (81.6)	223	♥211 (94.6)	175	♥156 (89.1)	2,650	♥2,440 (92.1)	408	♥376 (92.2)
	2018	4,211	♥3,831 (91.0)	79	♥69 (87.3)	155	115 (74.2)	155	♥144 (92.9)	267	217 (81.3)	186	♥175 (94.1)	146	♥125 (85.6)	2,795	♥2,594 (92.8)	428	♥392 (91.6)
	2017	4,182	♥3,777 (90.3)	69	♥60 (87.0)	143	97 (67.8)	154	♥143 (92.9)	302	♥251 (83.1)	189	♥180 (95.2)	165	♥149 (90.3)	2,705	♥2,492 (92.1)	455	♥405 (89.0)
BECKER	2021	296	♥256 (86.5)	51	36 (70.6)	0	0	<5	****	5	****	0	0	<5	****	216	♥198 (91.7)	19	15 (****)
	2020	314	♥283 (90.1)	56	44 (78.6)	0	0	<5	****	5	****	0	0	<5	****	237	♥220 (92.8)	11	11 (****)
	2019	326	♥278 (85.3)	58	40 (69.0)	0	0	<5	****	7	5 (****)	0	0	<5	0	246	♥219 (89.0)	12	12 (****)
	2018	367	♥327 (89.1)	86	69 (80.2)	0	0	<5	****	<5	****	0	0	<5	****	262	♥241 (92.0)	11	10 (****)
	2017	330	♥277 (83.9)	65	43 (66.2)	0	0	<5	****	<5	****	0	0	<5	****	237	♥213 (89.9)	21	15 (****)
BELTRAMI	2021	562	416 (74.0)	244	141 (57.8)	0	0	<5	****	6	****	<5	****	<5	0	287	♥250 (87.1)	19	18 (****)
	2020	582	452 (77.7)	248	157 (63.3)	0	0	<5	****	13	12 (****)	<5	****	5	5 (****)	287	♥255 (88.9)	25	19 (****)
	2019	638	499 (78.2)	246	148 (60.2)	0	0	<5	****	9	6 (****)	0	0	<5	****	360	♥325 (90.3)	18	15 (****)
	2018	622	472 (75.9)	170	101 (59.4)	0	0	<5	****	8	6 (****)	0	0	<5	****	316	♥284 (89.9)	123	77 (62.6)
	2017	645	474 (73.5)	5	****	0	0	<5	****	16	15 (****)	0	0	<5	****	353	♥305 (86.4)	265	146 (55.1)
BENTON	2021	472	♥413 (87.5)	<5	****	<5	****	6	5 (****)	41	28 (68.3)	29	27 (****)	16	15 (****)	349	♥308 (88.3)	26	25 (****)
	2020	479	♥412 (86.0)	<5	****	<5	****	<5	****	29	22 (****)	29	27 (****)	12	12 (****)	374	♥321 (85.8)	26	23 (****)
	2019	522	♥450 (86.2)	<5	****	<5	****	8	8 (****)	35	25 (71.4)	24	22 (****)	15	11 (****)	417	♥363 (87.1)	20	19 (****)
	2018	554	♥486 (87.7)	6	****	0	0	5	****	30	23 (76.7)	29	26 (****)	10	10 (****)	452	♥399 (88.3)	22	21 (****)
	2017	526	♥446 (84.8)	5	****	<5	****	8	7 (****)	25	14 (****)	22	16 (****)	6	5 (****)	428	♥370 (86.4)	31	♥29 (93.5)
BIG STONE	2021	50	♥42 (84.0)	<5	0	0	0	0	0	<5	****	0	0	0	0	42	♥36 (85.7)	6	5 (****)
	2020	43	♥39 (90.7)	<5	0	0	0	0	0	0	0	0	0	0	0	41	♥38 (92.7)	<5	****
	2019	50	♥44 (88.0)	<5	****	0	0	0	0	0	0	0	0	0	0	46	♥40 (87.0)	<5	****
	2018	56	♥49 (87.5)	0	0	0	0	0	0	<5	****	0	0	0	0	52	♥45 (86.5)	<5	****
	2017	42	32 (76.2)	0	0	0	0	0	0	<5	****	0	0	0	0	38	28 (73.7)	<5	****

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BLUE EARTH	2021	693	♥595 (85.9)	12	6 (****)	<5	****	19	19 (****)	41	25 (61.0)	38	♥34 (89.5)	5	5 (****)	508	♥448 (88.2)	69	♥57 (82.6)
	2020	698	♥616 (88.3)	8	5 (****)	<5	0	21	20 (****)	39	31 (79.5)	45	♥40 (88.9)	11	9 (****)	510	♥463 (90.8)	63	48 (76.2)
	2019	723	♥616 (85.2)	7	****	<5	****	21	19 (****)	40	28 (70.0)	41	♥35 (85.4)	10	5 (****)	540	♥472 (87.4)	63	♥52 (82.5)
	2018	732	♥655 (89.5)	7	6 (****)	0	0	22	20 (****)	36	26 (72.2)	34	♥29 (85.3)	10	9 (****)	555	♥507 (91.4)	68	♥58 (85.3)
	2017	687	♥627 (91.3)	6	5 (****)	<5	****	21	20 (****)	26	18 (****)	35	♥30 (85.7)	13	11 (****)	527	♥492 (93.4)	56	♥49 (87.5)
BROWN	2021	262	♥217 (82.8)	<5	****	0	0	<5	****	<5	****	0	0	<5	0	223	♥187 (83.9)	33	26 (78.8)
	2020	261	♥214 (82.0)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	223	♥191 (85.7)	30	19 (63.3)
	2019	227	173 (76.2)	<5	****	0	0	<5	****	<5	****	0	0	<5	0	196	152 (77.6)	26	18 (****)
	2018	289	♥248 (85.8)	<5	0	<5	****	<5	****	<5	****	0	0	0	0	252	♥219 (86.9)	32	26 (81.3)
	2017	274	♥226 (82.5)	<5	****	0	0	<5	****	<5	****	0	0	0	0	233	♥193 (82.8)	31	25 (80.6)
CARLTON	2021	383	♥354 (92.4)	53	42 (79.2)	0	0	<5	****	<5	****	<5	****	<5	****	301	♥283 (94.0)	17	17 (****)
	2020	349	♥322 (92.3)	63	♥56 (88.9)	0	0	<5	****	<5	****	0	0	<5	****	266	♥248 (93.2)	12	12 (****)
	2019	382	♥354 (92.7)	46	36 (78.3)	0	0	<5	****	6	6 (****)	0	0	<5	0	308	♥293 (95.1)	17	16 (****)
	2018	357	♥333 (93.3)	62	49 (79.0)	0	0	6	6 (****)	5	****	0	0	0	0	278	♥268 (96.4)	6	6 (****)
	2017	366	♥330 (90.2)	59	45 (76.3)	0	0	0	0	10	8 (****)	0	0	0	0	289	♥269 (93.1)	8	8 (****)
CARVER	2021	1,197	♥1,146 (95.7)	12	10 (****)	<5	****	36	♥31 (86.1)	23	21 (****)	25	24 (****)	5	5 (****)	969	♥935 (96.5)	125	♥118 (94.4)
	2020	1,068	♥1,025 (96.0)	7	7 (****)	0	0	32	♥31 (96.9)	15	14 (****)	18	16 (****)	10	9 (****)	889	♥856 (96.3)	97	♥92 (94.8)
	2019	1,157	♥1,107 (95.7)	<5	****	0	0	35	♥34 (97.1)	15	15 (****)	26	25 (****)	8	7 (****)	956	♥919 (96.1)	114	♥104 (91.2)
	2018	1,141	♥1,078 (94.5)	11	9 (****)	0	0	38	♥36 (94.7)	23	18 (****)	15	14 (****)	12	12 (****)	948	♥901 (95.0)	94	♥88 (93.6)
	2017	1,164	♥1,118 (96.0)	6	6 (****)	<5	****	42	♥41 (97.6)	18	17 (****)	25	23 (****)	9	8 (****)	947	♥908 (95.9)	115	♥113 (98.3)
CASS	2021	285	218 (76.5)	87	51 (58.6)	0	0	<5	****	<5	****	0	0	<5	****	171	♥147 (86.0)	19	13 (****)
	2020	282	220 (78.0)	80	51 (63.8)	0	0	5	****	<5	****	0	0	<5	****	182	♥153 (84.1)	11	10 (****)
	2019	270	212 (78.5)	95	63 (66.3)	0	0	<5	****	<5	0	0	0	<5	****	163	♥140 (85.9)	7	6 (****)
	2018	302	♥251 (83.1)	67	45 (67.2)	0	0	<5	****	<5	****	0	0	<5	****	181	♥163 (90.1)	45	34 (75.6)
	2017	292	221 (75.7)	22	14 (****)	0	0	<5	****	7	6 (****)	0	0	<5	****	185	♥153 (82.7)	76	46 (60.5)
CHIPPEWA	2021	175	♥150 (85.7)	6	5 (****)	0	0	18	14 (****)	<5	****	0	0	<5	****	116	♥104 (89.7)	32	25 (78.1)
	2020	140	♥125 (89.3)	6	6 (****)	0	0	16	15 (****)	<5	****	0	0	0	0	83	♥71 (85.5)	33	♥31 (93.9)
	2019	141	♥133 (94.3)	<5	****	0	0	7	7 (****)	<5	****	0	0	<5	****	99	♥95 (96.0)	28	26 (****)
	2018	176	♥157 (89.2)	7	6 (****)	0	0	13	12 (****)	<5	****	0	0	0	0	120	♥107 (89.2)	34	♥30 (88.2)
	2017	170	♥141 (82.9)	5	****	0	0	9	8 (****)	6	****	0	0	0	0	112	91 (81.3)	38	♥36 (94.7)
CHISAGO	2021	533	♥480 (90.1)	12	12 (****)	10	****	9	7 (****)	10	9 (****)	<5	****	<5	****	447	♥405 (90.6)	43	♥42 (97.7)
	2020	535	♥488 (91.2)	8	8 (****)	15	10 (****)	<5	****	13	12 (****)	<5	****	<5	****	466	♥428 (91.8)	26	24 (****)
	2019	529	♥473 (89.4)	<5	****	11	8 (****)	9	6 (****)	7	****	<5	****	<5	0	473	♥433 (91.5)	23	19 (****)
	2018	537	♥470 (87.5)	12	9 (****)	10	6 (****)	<5	****	5	5 (****)	0	0	0	0	482	♥425 (88.2)	24	21 (****)
	2017	537	♥498 (92.7)	8	7 (****)	<5	****	11	11 (****)	6	5 (****)	0	0	<5	****	480	♥448 (93.3)	26	23 (****)

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CLAY	2021	41	♥38 (92.7)	<5	****	0	0	<5	****	<5	****	<5	****	0	0	27	25 (****)	<5	****
	2020	33	24 (72.7)	<5	****	0	0	<5	0	<5	0	<5	****	0	0	27	21 (****)	<5	****
	2019	27	22 (****)	0	0	0	0	0	0	0	0	<5	****	<5	****	23	19 (****)	<5	0
	2018	16	15 (****)	<5	****	0	0	<5	****	0	0	<5	****	0	0	12	11 (****)	<5	****
	2017	32	♥28 (87.5)	<5	0	0	0	0	0	<5	0	0	0	0	0	30	♥28 (93.3)	0	0
CLEARWATER	2021	77	59 (76.6)	11	8 (****)	0	0	0	0	<5	****	0	0	0	0	60	47 (78.3)	<5	****
	2020	113	88 (77.9)	28	16 (****)	0	0	<5	****	<5	0	0	0	0	0	81	♥71 (87.7)	<5	0
	2019	95	73 (76.8)	20	10 (****)	0	0	0	0	0	0	0	0	0	0	69	♥59 (85.5)	6	****
	2018	111	♥91 (82.0)	15	11 (****)	0	0	<5	****	0	0	0	0	0	0	87	♥75 (86.2)	6	****
	2017	107	♥89 (83.2)	9	7 (****)	0	0	<5	****	<5	****	0	0	0	0	88	♥74 (84.1)	8	6 (****)
COOK	2021	32	♥31 (96.9)	11	10 (****)	0	0	<5	****	<5	****	0	0	0	0	15	15 (****)	<5	****
	2020	40	♥36 (90.0)	5	****	0	0	0	0	<5	****	0	0	0	0	28	26 (****)	5	****
	2019	32	♥28 (87.5)	<5	****	0	0	0	0	<5	****	0	0	0	0	24	21 (****)	<5	****
	2018	53	♥44 (83.0)	7	****	0	0	6	****	<5	****	0	0	0	0	34	♥32 (94.1)	<5	****
	2017	51	♥50 (98.0)	8	8 (****)	0	0	<5	****	<5	****	0	0	0	0	38	♥37 (97.4)	<5	****
COTTONWOOD	2021	120	95 (79.2)	0	0	0	0	7	****	<5	****	<5	****	0	0	76	61 (80.3)	35	28 (80.0)
	2020	110	89 (80.9)	<5	0	<5	0	7	5 (****)	0	0	<5	****	<5	****	68	♥59 (86.8)	30	23 (76.7)
	2019	118	95 (80.5)	<5	0	0	0	8	6 (****)	<5	****	<5	****	<5	****	81	♥69 (85.2)	24	16 (****)
	2018	121	97 (80.2)	0	0	0	0	6	6 (****)	<5	****	<5	****	0	0	88	69 (78.4)	25	20 (****)
	2017	139	♥114 (82.0)	<5	****	0	0	5	****	7	6 (****)	<5	****	<5	****	93	♥80 (86.0)	31	22 (71.0)
CROW WING	2021	623	♥559 (89.7)	15	13 (****)	<5	****	7	7 (****)	20	17 (****)	<5	****	<5	****	559	♥503 (90.0)	17	14 (****)
	2020	650	♥579 (89.1)	29	25 (****)	0	0	11	11 (****)	16	13 (****)	<5	****	<5	****	564	♥507 (89.9)	27	20 (****)
	2019	637	♥572 (89.8)	14	11 (****)	0	0	7	7 (****)	8	7 (****)	<5	****	<5	****	578	♥522 (90.3)	26	21 (****)
	2018	646	♥566 (87.6)	26	19 (****)	<5	****	7	7 (****)	16	14 (****)	0	0	<5	****	567	♥501 (88.4)	27	22 (****)
	2017	657	♥587 (89.3)	24	16 (****)	0	0	<5	****	13	10 (****)	<5	****	<5	****	590	♥532 (90.2)	24	23 (****)
DAKOTA	2021	4,975	♥4,577 (92.0)	54	♥48 (88.9)	46	36 (78.3)	234	♥213 (91.0)	332	260 (78.3)	419	♥395 (94.3)	154	♥149 (96.8)	2,824	♥2,646 (93.7)	912	♥830 (91.0)
	2020	4,932	♥4,566 (92.6)	73	♥61 (83.6)	47	♥39 (83.0)	253	♥242 (95.7)	328	♥273 (83.2)	422	♥403 (95.5)	125	♥114 (91.2)	2,814	♥2,624 (93.2)	870	♥810 (93.1)
	2019	5,136	♥4,787 (93.2)	34	♥30 (88.2)	50	36 (72.0)	247	♥227 (91.9)	331	270 (81.6)	436	♥414 (95.0)	116	♥112 (96.6)	3,090	♥2,916 (94.4)	832	♥782 (94.0)
	2018	5,116	♥4,794 (93.7)	43	♥41 (95.3)	40	30 (75.0)	247	♥231 (93.5)	291	♥254 (87.3)	438	♥416 (95.0)	126	♥120 (95.2)	3,153	♥2,972 (94.3)	778	♥730 (93.8)
	2017	5,113	♥4,790 (93.7)	54	♥50 (92.6)	44	32 (72.7)	221	♥212 (95.9)	278	♥244 (87.8)	352	♥329 (93.5)	119	♥114 (95.8)	3,241	♥3,062 (94.5)	804	♥747 (92.9)
DODGE	2021	258	♥226 (87.6)	<5	****	0	0	<5	****	6	5 (****)	0	0	<5	****	222	♥194 (87.4)	21	20 (****)
	2020	231	♥208 (90.0)	<5	****	0	0	<5	****	6	5 (****)	<5	0	0	0	197	♥180 (91.4)	23	19 (****)
	2019	258	♥239 (92.6)	<5	****	0	0	6	6 (****)	10	9 (****)	0	0	0	0	226	♥208 (92.0)	14	14 (****)
	2018	254	♥230 (90.6)	<5	****	0	0	5	****	7	7 (****)	0	0	<5	****	224	♥202 (90.2)	16	15 (****)
	2017	231	♥206 (89.2)	5	****	0	0	<5	****	<5	****	0	0	<5	****	196	♥176 (89.8)	22	21 (****)

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County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
DOUGLAS	2021	757	♥660 (87.2)	32	25 (78.1)	0	0	7	6 (****)	25	19 (****)	0	0	<5	****	659	♥580 (88.0)	31	♥27 (87.1)
	2020	767	♥680 (88.7)	33	♥30 (90.9)	0	0	9	8 (****)	30	♥28 (93.3)	0	0	5	****	658	♥582 (88.4)	32	♥28 (87.5)
	2019	805	♥720 (89.4)	20	13 (****)	<5	****	9	8 (****)	30	21 (70.0)	0	0	<5	****	705	♥646 (91.6)	37	28 (75.7)
	2018	812	♥728 (89.7)	32	♥27 (84.4)	0	0	10	10 (****)	14	10 (****)	0	0	<5	****	716	♥650 (90.8)	39	30 (76.9)
	2017	820	♥730 (89.0)	35	♥31 (88.6)	<5	****	12	11 (****)	22	14 (****)	<5	****	<5	****	716	♥645 (90.1)	30	♥25 (83.3)
FARIBAULT	2021	123	♥105 (85.4)	<5	****	0	0	<5	****	<5	****	0	0	0	0	92	♥81 (88.0)	27	21 (****)
	2020	114	♥103 (90.4)	0	0	0	0	<5	****	5	****	0	0	0	0	88	♥82 (93.2)	20	16 (****)
	2019	143	♥120 (83.9)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	106	♥90 (84.9)	30	24 (80.0)
	2018	152	124 (81.6)	<5	****	0	0	0	0	<5	****	0	0	0	0	130	♥109 (83.8)	19	13 (****)
	2017	137	♥119 (86.9)	<5	****	0	0	<5	0	5	5 (****)	0	0	0	0	99	♥85 (85.9)	30	♥27 (90.0)
FILLMORE	2021	190	♥166 (87.4)	<5	****	0	0	<5	****	<5	****	0	0	0	0	165	♥144 (87.3)	16	14 (****)
	2020	173	♥163 (94.2)	<5	****	0	0	<5	****	<5	****	0	0	0	0	161	♥151 (93.8)	6	6 (****)
	2019	195	♥176 (90.3)	0	0	0	0	<5	****	<5	****	0	0	0	0	182	♥164 (90.1)	8	8 (****)
	2018	195	♥179 (91.8)	0	0	0	0	<5	****	<5	****	0	0	0	0	181	♥167 (92.3)	10	9 (****)
	2017	207	♥190 (91.8)	<5	****	0	0	<5	****	<5	****	0	0	0	0	194	♥178 (91.8)	10	9 (****)
FREEBORN	2021	300	238 (79.3)	<5	****	0	0	29	21 (****)	6	5 (****)	5	****	<5	****	191	149 (78.0)	66	♥56 (84.8)
	2020	303	♥250 (82.5)	<5	****	<5	****	25	21 (****)	12	5 (****)	<5	****	<5	****	198	♥165 (83.3)	62	♥53 (85.5)
	2019	315	♥263 (83.5)	<5	0	0	0	32	25 (78.1)	14	8 (****)	5	****	<5	****	205	♥179 (87.3)	57	♥48 (84.2)
	2018	297	♥253 (85.2)	<5	****	<5	0	18	14 (****)	14	10 (****)	<5	****	<5	****	203	♥177 (87.2)	53	♥45 (84.9)
	2017	316	254 (80.4)	<5	****	0	0	20	17 (****)	11	10 (****)	<5	****	0	0	206	161 (78.2)	74	♥62 (83.8)
GOODHUE	2021	483	♥440 (91.1)	9	8 (****)	0	0	7	5 (****)	14	11 (****)	<5	****	<5	****	405	♥375 (92.6)	46	♥39 (84.8)
	2020	477	♥431 (90.4)	14	10 (****)	0	0	8	6 (****)	17	13 (****)	0	0	<5	****	396	♥360 (90.9)	38	♥38 (100.0)
	2019	505	♥457 (90.5)	8	7 (****)	<5	****	5	****	28	22 (****)	0	0	<5	****	419	♥381 (90.9)	42	♥40 (95.2)
	2018	511	♥465 (91.0)	8	7 (****)	0	0	5	****	26	20 (****)	0	0	<5	****	435	♥402 (92.4)	36	♥31 (86.1)
	2017	485	♥426 (87.8)	16	12 (****)	0	0	8	6 (****)	19	14 (****)	0	0	0	0	411	♥365 (88.8)	31	♥29 (93.5)
GRANT	2021	87	♥77 (88.5)	<5	0	0	0	0	0	<5	0	0	0	<5	****	78	♥71 (91.0)	6	5 (****)
	2020	78	♥74 (94.9)	<5	****	0	0	<5	****	0	0	0	0	0	0	64	♥60 (93.8)	10	10 (****)
	2019	86	♥74 (86.0)	<5	****	0	0	0	0	<5	****	0	0	0	0	78	♥68 (87.2)	<5	****
	2018	67	♥64 (95.5)	0	0	0	0	<5	****	0	0	0	0	0	0	63	♥60 (95.2)	<5	****
	2017	74	♥70 (94.6)	<5	****	0	0	0	0	<5	****	0	0	0	0	70	♥66 (94.3)	<5	****
HENNEPIN	2021	14,627	♥13,492 (92.2)	251	196 (78.1)	483	315 (65.2)	596	♥565 (94.8)	1,695	1,347 (79.5)	1,372	♥1,307 (95.3)	617	♥558 (90.4)	7,420	♥7,128 (96.1)	2,193	♥2,076 (94.7)
	2020	14,749	♥13,639 (92.5)	279	223 (79.9)	518	327 (63.1)	629	♥596 (94.8)	1,831	1,484 (81.0)	1,430	♥1,382 (96.6)	631	♥553 (87.6)	7,266	♥7,035 (96.8)	2,165	♥2,039 (94.2)
	2019	15,326	♥14,213 (92.7)	219	169 (77.2)	556	344 (61.9)	665	♥630 (94.7)	1,866	♥1,545 (82.8)	1,518	♥1,467 (96.6)	665	♥594 (89.3)	7,561	♥7,295 (96.5)	2,276	♥2,169 (95.3)
	2018	15,762	♥14,757 (93.6)	295	♥251 (85.1)	575	384 (66.8)	660	♥635 (96.2)	1,813	♥1,487 (82.0)	1,493	♥1,442 (96.6)	690	♥637 (92.3)	7,988	♥7,750 (97.0)	2,248	♥2,171 (96.6)
	2017	16,231	♥15,008 (92.5)	284	♥238 (83.8)	574	368 (64.1)	732	♥683 (93.3)	1,800	1,440 (80.0)	1,546	♥1,475 (95.4)	725	♥652 (89.9)	8,108	♥7,832 (96.6)	2,462	♥2,320 (94.2)

♥ Percent meets Healthy People 2020 objective
Minnesota Department of Health, WIC Program

(.....) Percent not calculated for locations with less than 30 participants
4/21/2022

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
HOUSTON	2021	8	7 (****)	0	0	0	0	0	0	0	0	0	0	0	0	8	7 (****)	0	0
	2020	17	15 (****)	0	0	0	0	0	0	<5	****	0	0	<5	****	13	12 (****)	0	0
	2019	10	9 (****)	0	0	0	0	0	0	0	0	0	0	0	0	9	8 (****)	<5	****
	2018	8	8 (****)	0	0	0	0	0	0	0	0	0	0	<5	****	6	6 (****)	<5	****
	2017	10	8 (****)	0	0	0	0	<5	0	0	0	0	0	0	0	9	8 (****)	0	0
HUBBARD	2021	209	♥187 (89.5)	18	16 (****)	0	0	<5	****	5	5 (****)	0	0	0	0	168	♥153 (91.1)	14	9 (****)
	2020	196	♥173 (88.3)	11	10 (****)	0	0	<5	****	<5	****	0	0	0	0	166	♥148 (89.2)	11	8 (****)
	2019	196	♥169 (86.2)	14	11 (****)	0	0	0	0	5	5 (****)	0	0	0	0	170	♥146 (85.9)	7	7 (****)
	2018	193	♥166 (86.0)	11	9 (****)	0	0	<5	****	<5	****	0	0	0	0	164	♥144 (87.8)	14	9 (****)
	2017	211	168 (79.6)	11	7 (****)	0	0	<5	****	<5	****	0	0	<5	****	171	♥142 (83.0)	22	12 (****)
ISANTI	2021	464	♥412 (88.8)	8	7 (****)	5	****	9	8 (****)	13	12 (****)	0	0	<5	****	411	♥366 (89.1)	15	13 (****)
	2020	448	♥405 (90.4)	13	10 (****)	<5	****	8	7 (****)	13	8 (****)	<5	****	<5	****	383	♥350 (91.4)	25	24 (****)
	2019	436	♥400 (91.7)	<5	****	<5	****	8	7 (****)	17	15 (****)	<5	0	<5	****	385	♥355 (92.2)	16	15 (****)
	2018	473	♥423 (89.4)	11	8 (****)	<5	****	6	6 (****)	18	15 (****)	<5	****	<5	****	407	♥365 (89.7)	23	22 (****)
	2017	427	♥382 (89.5)	8	7 (****)	<5	0	5	5 (****)	9	7 (****)	<5	****	<5	****	376	♥338 (89.9)	24	22 (****)
ITASCA	2021	378	♥323 (85.4)	45	♥37 (82.2)	0	0	6	6 (****)	8	6 (****)	0	0	<5	****	305	♥260 (85.2)	13	13 (****)
	2020	361	♥321 (88.9)	40	31 (77.5)	0	0	<5	****	<5	****	0	0	0	0	302	♥274 (90.7)	16	13 (****)
	2019	426	♥370 (86.9)	52	38 (73.1)	0	0	<5	****	9	8 (****)	0	0	0	0	353	♥314 (89.0)	8	6 (****)
	2018	440	♥375 (85.2)	50	37 (74.0)	0	0	<5	****	8	8 (****)	0	0	<5	0	354	♥307 (86.7)	23	19 (****)
	2017	464	♥395 (85.1)	51	40 (78.4)	0	0	<5	****	6	6 (****)	0	0	<5	****	382	♥329 (86.1)	22	17 (****)
JACKSON	2021	69	♥61 (88.4)	<5	0	0	0	<5	****	<5	****	<5	****	0	0	51	♥46 (90.2)	11	10 (****)
	2020	62	♥56 (90.3)	0	0	0	0	<5	****	<5	****	0	0	0	0	49	♥45 (91.8)	8	6 (****)
	2019	61	♥51 (83.6)	0	0	<5	****	<5	0	0	0	<5	0	<5	****	51	♥43 (84.3)	6	6 (****)
	2018	78	♥65 (83.3)	<5	****	0	0	<5	****	0	0	<5	****	<5	****	68	♥59 (86.8)	5	****
	2017	84	♥74 (88.1)	<5	****	0	0	<5	****	<5	****	<5	0	<5	****	68	♥62 (91.2)	7	6 (****)
KANABEC	2021	160	♥136 (85.0)	11	10 (****)	<5	0	0	0	<5	****	0	0	0	0	141	♥121 (85.8)	6	****
	2020	144	♥126 (87.5)	<5	****	0	0	<5	****	0	0	<5	****	0	0	125	♥110 (88.0)	12	11 (****)
	2019	153	♥139 (90.8)	<5	****	0	0	<5	****	<5	****	0	0	0	0	142	♥129 (90.8)	<5	****
	2018	176	♥153 (86.9)	6	6 (****)	<5	0	6	****	<5	****	0	0	0	0	155	♥137 (88.4)	<5	****
	2017	174	♥149 (85.6)	6	5 (****)	<5	****	5	****	<5	****	0	0	0	0	155	♥134 (86.5)	<5	****
KANDIYOHI	2021	515	♥455 (88.3)	5	5 (****)	0	0	14	10 (****)	7	5 (****)	63	♥61 (96.8)	<5	****	279	♥255 (91.4)	144	116 (80.6)
	2020	568	♥495 (87.1)	<5	****	0	0	10	5 (****)	7	****	91	♥87 (95.6)	<5	****	291	♥266 (91.4)	163	131 (80.4)
	2019	553	♥472 (85.4)	<5	****	0	0	12	7 (****)	5	5 (****)	107	♥96 (89.7)	<5	****	276	♥242 (87.7)	147	116 (78.9)
	2018	554	♥500 (90.3)	<5	****	<5	****	8	8 (****)	7	5 (****)	93	♥88 (94.6)	0	0	295	♥276 (93.6)	147	♥121 (82.3)
	2017	598	♥523 (87.5)	<5	****	0	0	13	10 (****)	13	10 (****)	121	♥109 (90.1)	<5	0	307	♥276 (89.9)	139	♥114 (82.0)

♥ Percent meets Healthy People 2020 objective
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KITTSON	2021	15	10 (****)	0	0	0	0	0	0	0	0	0	0	0	0	14	9 (****)	<5	****
	2020	11	10 (****)	0	0	0	0	0	0	0	0	0	0	0	0	11	10 (****)	0	0
	2019	17	12 (****)	<5	****	0	0	0	0	0	0	0	0	0	0	16	11 (****)	0	0
	2018	29	22 (****)	<5	****	0	0	0	0	0	0	0	0	0	0	28	21 (****)	0	0
	2017	27	18 (****)	0	0	0	0	0	0	0	0	0	0	0	0	26	17 (****)	<5	****
KOOCHICHING	2021	101	80 (79.2)	10	6 (****)	0	0	<5	****	<5	0	<5	****	0	0	84	♥69 (82.1)	<5	****
	2020	82	63 (76.8)	<5	****	0	0	<5	****	<5	****	0	0	0	0	75	58 (77.3)	0	0
	2019	99	♥87 (87.9)	<5	****	0	0	<5	****	<5	****	0	0	0	0	91	♥80 (87.9)	<5	****
	2018	89	71 (79.8)	5	5 (****)	0	0	<5	****	0	0	0	0	0	0	80	62 (77.5)	<5	****
	2017	102	♥89 (87.3)	<5	****	0	0	0	0	0	0	0	0	0	0	96	♥84 (87.5)	<5	****
LAC QUI PARLE	2021	54	♥46 (85.2)	<5	0	0	0	<5	****	0	0	0	0	0	0	48	♥42 (87.5)	<5	****
	2020	53	♥48 (90.6)	<5	0	0	0	<5	****	<5	****	0	0	0	0	44	♥40 (90.9)	5	5 (****)
	2019	57	♥52 (91.2)	0	0	0	0	<5	****	<5	****	0	0	0	0	50	♥47 (94.0)	5	****
	2018	47	♥42 (89.4)	0	0	0	0	<5	****	<5	****	0	0	0	0	41	♥36 (87.8)	<5	****
	2017	47	♥41 (87.2)	<5	****	0	0	<5	****	0	0	0	0	0	0	43	♥38 (88.4)	<5	****
LAKE	2021	84	♥79 (94.0)	<5	****	0	0	<5	****	<5	****	<5	****	0	0	71	♥67 (94.4)	<5	****
	2020	100	♥92 (92.0)	<5	****	0	0	0	0	0	0	0	0	0	0	89	♥83 (93.3)	7	5 (****)
	2019	97	♥93 (95.9)	<5	****	0	0	<5	****	<5	****	0	0	0	0	89	♥86 (96.6)	<5	****
	2018	104	♥98 (94.2)	<5	****	0	0	<5	0	0	0	0	0	0	0	95	♥91 (95.8)	<5	****
	2017	100	♥93 (93.0)	<5	****	0	0	0	0	<5	****	0	0	0	0	96	♥90 (93.8)	<5	0
LAKE OF THE WOODS	2021	37	♥33 (89.2)	<5	****	0	0	0	0	<5	****	0	0	0	0	35	♥31 (88.6)	0	0
	2020	30	♥25 (83.3)	<5	0	0	0	<5	****	0	0	0	0	0	0	28	24 (****)	0	0
	2019	39	♥34 (87.2)	0	0	0	0	<5	****	<5	****	0	0	0	0	32	♥28 (87.5)	<5	****
	2018	32	♥28 (87.5)	0	0	0	0	<5	0	0	0	0	0	0	0	30	♥27 (90.0)	<5	****
	2017	32	♥27 (84.4)	<5	0	0	0	<5	****	0	0	0	0	0	0	28	24 (****)	0	0
LE SUEUR	2021	315	♥278 (88.3)	5	****	0	0	<5	****	7	7 (****)	0	0	<5	****	257	♥227 (88.3)	43	♥39 (90.7)
	2020	276	♥236 (85.5)	<5	****	0	0	0	0	<5	****	0	0	<5	****	227	♥199 (87.7)	40	30 (75.0)
	2019	288	♥255 (88.5)	<5	****	0	0	<5	****	10	9 (****)	<5	****	0	0	228	♥204 (89.5)	42	♥36 (85.7)
	2018	322	♥276 (85.7)	0	0	0	0	<5	****	10	8 (****)	<5	****	0	0	271	♥234 (86.3)	36	29 (80.6)
	2017	350	♥301 (86.0)	5	5 (****)	0	0	<5	****	7	6 (****)	0	0	<5	****	276	♥242 (87.7)	57	43 (75.4)
LINCOLN	2021	33	♥30 (90.9)	0	0	0	0	<5	****	<5	0	0	0	0	0	31	♥29 (93.5)	0	0
	2020	34	♥30 (88.2)	0	0	<5	0	0	0	0	0	0	0	0	0	31	♥28 (90.3)	<5	****
	2019	31	♥30 (96.8)	0	0	0	0	0	0	0	0	0	0	0	0	27	26 (****)	<5	****
	2018	34	♥32 (94.1)	0	0	0	0	<5	****	0	0	0	0	0	0	33	♥31 (93.9)	0	0
	2017	49	♥44 (89.8)	0	0	0	0	<5	0	0	0	0	0	<5	****	43	♥39 (90.7)	<5	****

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LYON	2021	285	231 (81.1)	5	****	6	****	18	7 (****)	<5	****	10	8 (****)	6	6 (****)	186	♥160 (86.0)	50	40 (80.0)
	2020	305	♥253 (83.0)	<5	****	12	5 (****)	21	11 (****)	6	5 (****)	11	10 (****)	<5	****	195	♥172 (88.2)	58	♥48 (82.8)
	2019	311	♥260 (83.6)	0	0	9	****	12	8 (****)	<5	****	21	18 (****)	<5	****	212	♥185 (87.3)	52	41 (78.8)
	2018	326	♥277 (85.0)	<5	****	15	9 (****)	21	15 (****)	11	10 (****)	17	14 (****)	6	****	200	♥175 (87.5)	54	♥48 (88.9)
	2017	311	♥258 (83.0)	<5	****	5	****	23	13 (****)	8	5 (****)	23	17 (****)	<5	****	195	♥177 (90.8)	53	42 (79.2)
MAHNOMEN	2021	58	45 (77.6)	46	33 (71.7)	0	0	0	0	0	0	0	0	0	0	10	10 (****)	<5	****
	2020	68	54 (79.4)	49	37 (75.5)	0	0	0	0	0	0	0	0	0	0	15	13 (****)	<5	****
	2019	87	67 (77.0)	65	49 (75.4)	0	0	0	0	<5	****	0	0	0	0	17	14 (****)	<5	****
	2018	80	63 (78.8)	53	38 (71.7)	0	0	0	0	<5	****	0	0	0	0	18	18 (****)	8	6 (****)
	2017	79	54 (68.4)	55	35 (63.6)	0	0	0	0	<5	****	0	0	0	0	10	8 (****)	13	10 (****)
MARSHALL	2021	50	40 (80.0)	<5	****	0	0	0	0	0	0	0	0	<5	****	45	36 (80.0)	<5	****
	2020	48	♥40 (83.3)	<5	****	0	0	<5	****	0	0	0	0	0	0	41	33 (80.5)	<5	****
	2019	76	57 (75.0)	<5	****	0	0	0	0	<5	****	0	0	<5	****	70	53 (75.7)	<5	****
	2018	27	18 (****)	<5	****	0	0	0	0	0	0	0	0	0	0	25	16 (****)	<5	****
	2017	55	♥47 (85.5)	0	0	0	0	0	0	<5	****	0	0	0	0	52	♥44 (84.6)	<5	****
MARTIN	2021	219	♥180 (82.2)	<5	****	0	0	6	6 (****)	6	****	0	0	0	0	153	♥139 (90.8)	50	28 (56.0)
	2020	192	♥165 (85.9)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	140	♥128 (91.4)	44	29 (65.9)
	2019	244	♥207 (84.8)	0	0	0	0	<5	****	<5	****	0	0	<5	****	187	♥165 (88.2)	54	39 (72.2)
	2018	239	♥204 (85.4)	5	****	0	0	<5	****	<5	****	0	0	<5	****	187	♥167 (89.3)	39	26 (66.7)
	2017	223	♥189 (84.8)	<5	****	0	0	5	5 (****)	<5	****	0	0	0	0	183	♥156 (85.2)	29	22 (****)
MCLEOD	2021	373	♥330 (88.5)	5	5 (****)	<5	****	<5	****	11	8 (****)	<5	****	<5	****	310	♥276 (89.0)	43	♥37 (86.0)
	2020	381	♥336 (88.2)	8	8 (****)	0	0	<5	****	7	7 (****)	0	0	<5	****	306	♥268 (87.6)	56	♥49 (87.5)
	2019	381	♥329 (86.4)	<5	****	0	0	5	5 (****)	<5	****	0	0	<5	****	312	♥274 (87.8)	57	46 (80.7)
	2018	392	♥353 (90.1)	6	****	0	0	<5	****	6	6 (****)	<5	****	<5	****	327	♥295 (90.2)	48	♥44 (91.7)
	2017	352	♥299 (84.9)	5	****	0	0	7	7 (****)	<5	****	0	0	<5	****	291	♥252 (86.6)	43	34 (79.1)
MEEKER	2021	247	♥223 (90.3)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	209	♥189 (90.4)	28	25 (****)
	2020	233	♥205 (88.0)	<5	****	0	0	<5	****	<5	****	0	0	0	0	205	♥181 (88.3)	22	18 (****)
	2019	268	♥238 (88.8)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	242	♥217 (89.7)	19	16 (****)
	2018	291	♥266 (91.4)	<5	****	0	0	0	0	<5	****	0	0	0	0	261	♥238 (91.2)	25	23 (****)
	2017	253	♥218 (86.2)	5	5 (****)	0	0	<5	****	<5	****	0	0	<5	****	220	♥189 (85.9)	23	19 (****)
MILLE LACS CO	2021	286	♥247 (86.4)	26	16 (****)	<5	0	<5	****	<5	****	0	0	0	0	236	♥213 (90.3)	19	14 (****)
	2020	264	♥227 (86.0)	28	17 (****)	<5	****	<5	****	6	5 (****)	0	0	<5	****	212	♥191 (90.1)	12	8 (****)
	2019	282	♥234 (83.0)	31	17 (54.8)	<5	0	<5	****	5	****	0	0	0	0	232	♥204 (87.9)	12	9 (****)
	2018	298	♥251 (84.2)	31	16 (51.6)	<5	0	0	0	<5	****	0	0	0	0	253	♥225 (88.9)	12	9 (****)
	2017	321	261 (81.3)	43	17 (39.5)	<5	****	<5	****	7	5 (****)	0	0	0	0	254	♥226 (89.0)	15	11 (****)

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^a	Amer Indian Total ^a	Amer Indian BF	Hmong Total ^a	Hmong BF	Asian Total ^a	Asian BF	Black (A A) Total ^a	Black (African American) BF	East Afr Total ^a	East African BF	Other Black Total ^a	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
MORRISON	2021	340	269 (79.1)	6	5 (****)	0	0	0	0	<5	****	0	0	0	0	316	249 (78.8)	15	12 (****)
	2020	332	♥294 (88.6)	<5	****	0	0	0	0	7	6 (****)	0	0	<5	****	314	♥279 (88.9)	6	5 (****)
	2019	369	♥315 (85.4)	<5	****	0	0	<5	****	7	****	<5	****	<5	****	337	♥287 (85.2)	18	17 (****)
	2018	351	♥304 (86.6)	<5	****	0	0	<5	0	<5	0	6	6 (****)	<5	****	324	♥281 (86.7)	13	12 (****)
	2017	353	♥297 (84.1)	<5	****	0	0	<5	****	5	****	<5	****	<5	****	316	♥267 (84.5)	20	16 (****)
MOWER	2021	488	♥418 (85.7)	<5	****	<5	****	67	54 (80.6)	16	11 (****)	15	12 (****)	13	13 (****)	255	♥223 (87.5)	119	♥102 (85.7)
	2020	474	♥398 (84.0)	<5	****	0	0	50	34 (68.0)	20	12 (****)	16	14 (****)	24	20 (****)	238	♥211 (88.7)	122	♥103 (84.4)
	2019	544	♥480 (88.2)	<5	****	<5	****	54	♥46 (85.2)	16	10 (****)	23	20 (****)	16	15 (****)	280	♥253 (90.4)	151	♥133 (88.1)
	2018	538	♥469 (87.2)	5	****	0	0	63	49 (77.8)	22	17 (****)	22	20 (****)	14	13 (****)	299	♥264 (88.3)	113	♥102 (90.3)
	2017	518	♥427 (82.4)	<5	****	<5	****	44	30 (68.2)	20	13 (****)	20	16 (****)	15	11 (****)	285	♥245 (86.0)	131	♥109 (83.2)
MURRAY	2021	50	♥42 (84.0)	0	0	0	0	<5	0	0	0	0	0	0	0	42	♥36 (85.7)	7	6 (****)
	2020	53	♥49 (92.5)	<5	****	0	0	<5	****	0	0	0	0	0	0	44	♥40 (90.9)	5	5 (****)
	2019	66	44 (66.7)	<5	0	0	0	<5	****	<5	****	0	0	0	0	55	36 (65.5)	6	5 (****)
	2018	57	46 (80.7)	<5	0	0	0	<5	0	0	0	0	0	0	0	51	♥43 (84.3)	<5	****
	2017	75	♥64 (85.3)	0	0	0	0	<5	****	0	0	0	0	0	0	67	♥57 (85.1)	7	6 (****)
NICOLLET	2021	312	♥269 (86.2)	6	5 (****)	<5	****	<5	****	7	****	22	22 (****)	<5	****	232	♥200 (86.2)	39	♥32 (82.1)
	2020	352	♥302 (85.8)	0	0	0	0	8	7 (****)	13	9 (****)	33	♥33 (100.0)	<5	****	253	♥217 (85.8)	42	33 (78.6)
	2019	334	♥300 (89.8)	0	0	0	0	5	****	12	10 (****)	31	♥30 (96.8)	0	0	248	♥224 (90.3)	38	♥33 (86.8)
	2018	337	♥305 (90.5)	<5	****	0	0	10	9 (****)	9	5 (****)	27	25 (****)	<5	****	247	♥227 (91.9)	40	♥35 (87.5)
	2017	376	♥337 (89.6)	5	5 (****)	0	0	7	7 (****)	<5	****	29	26 (****)	0	0	291	♥262 (90.0)	40	♥34 (85.0)
NOBLES	2021	288	216 (75.0)	<5	0	0	0	16	9 (****)	<5	0	11	11 (****)	5	5 (****)	65	♥55 (84.6)	185	136 (73.5)
	2020	269	216 (80.3)	<5	****	0	0	16	10 (****)	<5	****	12	11 (****)	<5	****	50	♥42 (84.0)	186	148 (79.6)
	2019	295	239 (81.0)	<5	****	<5	****	17	13 (****)	<5	****	15	15 (****)	<5	****	70	57 (81.4)	183	145 (79.2)
	2018	315	242 (76.8)	<5	****	<5	****	28	16 (****)	5	****	19	17 (****)	8	5 (****)	65	♥54 (83.1)	187	145 (77.5)
	2017	301	♥247 (82.1)	<5	****	0	0	13	9 (****)	<5	****	17	17 (****)	8	8 (****)	82	65 (79.3)	176	144 (81.8)
NORMAN	2021	9	8 (****)	<5	0	0	0	0	0	0	0	0	0	0	0	7	7 (****)	<5	****
	2020	8	7 (****)	0	0	0	0	0	0	0	0	0	0	0	0	8	7 (****)	0	0
	2019	9	6 (****)	0	0	0	0	0	0	0	0	0	0	0	0	8	5 (****)	<5	****
	2018	8	5 (****)	<5	0	0	0	0	0	0	0	0	0	0	0	6	****	<5	****
	2017	8	6 (****)	<5	****	0	0	0	0	<5	****	0	0	0	0	5	****	0	0
OLMSTED	2021	1,967	♥1,796 (91.3)	19	17 (****)	10	9 (****)	112	♥102 (91.1)	118	83 (70.3)	189	♥176 (93.1)	46	♥41 (89.1)	1,231	♥1,144 (92.9)	242	♥224 (92.6)
	2020	1,905	♥1,745 (91.6)	9	9 (****)	14	12 (****)	114	♥101 (88.6)	112	88 (78.6)	170	♥147 (86.5)	39	♥37 (94.9)	1,223	♥1,147 (93.8)	224	♥204 (91.1)
	2019	2,016	♥1,838 (91.2)	9	7 (****)	5	****	131	♥121 (92.4)	101	78 (77.2)	177	♥163 (92.1)	41	♥38 (92.7)	1,314	♥1,213 (92.3)	238	♥215 (90.3)
	2018	2,021	♥1,857 (91.9)	17	16 (****)	13	10 (****)	128	♥118 (92.2)	87	68 (78.2)	164	♥150 (91.5)	26	25 (****)	1,378	♥1,284 (93.2)	208	♥186 (89.4)
	2017	2,105	♥1,961 (93.2)	12	10 (****)	8	8 (****)	154	♥146 (94.8)	70	♥60 (85.7)	177	♥168 (94.9)	34	♥29 (85.3)	1,434	♥1,346 (93.9)	216	♥194 (89.8)

♥ Percent meets Healthy People 2020 objective
Minnesota Department of Health, WIC Program

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
OTTER TAIL	2021	562	♥504 (89.7)	9	7 (****)	0	0	8	7 (****)	7	5 (****)	14	13 (****)	<5	****	475	♥430 (90.5)	48	♥41 (85.4)
	2020	496	♥450 (90.7)	10	8 (****)	0	0	<5	****	<5	****	10	10 (****)	<5	****	418	♥380 (90.9)	46	♥43 (93.5)
	2019	563	♥521 (92.5)	<5	****	0	0	5	5 (****)	11	9 (****)	18	15 (****)	<5	****	475	♥441 (92.8)	48	♥46 (95.8)
	2018	557	♥515 (92.5)	<5	****	0	0	7	7 (****)	6	6 (****)	15	12 (****)	0	0	473	♥439 (92.8)	53	♥49 (92.5)
	2017	606	♥560 (92.4)	9	9 (****)	0	0	9	8 (****)	17	15 (****)	14	12 (****)	0	0	513	♥476 (92.8)	44	♥40 (90.9)
Outside MN	2021	1,081	♥942 (87.1)	29	20 (****)	<5	****	18	15 (****)	27	19 (****)	<5	****	<5	****	912	♥809 (88.7)	84	♥71 (84.5)
	2020	1,031	♥889 (86.2)	40	♥33 (82.5)	6	****	30	♥26 (86.7)	27	21 (****)	<5	****	16	14 (****)	825	♥721 (87.4)	84	67 (79.8)
	2019	1,058	♥899 (85.0)	36	25 (69.4)	5	****	26	17 (****)	24	18 (****)	8	7 (****)	9	9 (****)	873	♥760 (87.1)	77	61 (79.2)
	2018	1,072	♥924 (86.2)	36	24 (66.7)	6	****	19	15 (****)	31	25 (80.6)	<5	****	6	5 (****)	900	♥788 (87.6)	73	♥62 (84.9)
	2017	1,061	♥890 (83.9)	41	29 (70.7)	8	5 (****)	29	24 (****)	29	24 (****)	6	6 (****)	14	11 (****)	845	♥721 (85.3)	89	70 (78.7)
PENNINGTON	2021	127	102 (80.3)	<5	****	0	0	5	****	<5	****	0	0	0	0	101	82 (81.2)	16	12 (****)
	2020	101	♥86 (85.1)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	78	♥66 (84.6)	14	12 (****)
	2019	130	99 (76.2)	<5	0	0	0	<5	****	0	0	0	0	0	0	114	88 (77.2)	12	9 (****)
	2018	134	101 (75.4)	<5	****	0	0	<5	****	5	****	<5	****	<5	****	105	81 (77.1)	17	12 (****)
	2017	146	109 (74.7)	6	5 (****)	0	0	7	7 (****)	0	0	0	0	<5	****	119	85 (71.4)	13	11 (****)
PINE	2021	290	♥249 (85.9)	20	14 (****)	<5	****	<5	****	6	****	<5	****	<5	****	241	♥213 (88.4)	16	12 (****)
	2020	217	♥182 (83.9)	15	12 (****)	<5	****	0	0	6	6 (****)	<5	****	0	0	175	♥146 (83.4)	16	14 (****)
	2019	241	♥208 (86.3)	17	15 (****)	0	0	6	****	0	0	<5	****	<5	****	207	♥180 (87.0)	9	7 (****)
	2018	224	♥194 (86.6)	15	11 (****)	0	0	<5	****	5	5 (****)	0	0	<5	****	189	♥169 (89.4)	13	7 (****)
	2017	275	♥234 (85.1)	20	12 (****)	0	0	7	5 (****)	5	5 (****)	<5	****	0	0	230	♥200 (87.0)	12	11 (****)
PIPESTONE	2021	94	♥86 (91.5)	<5	****	0	0	<5	****	<5	0	0	0	0	0	72	♥65 (90.3)	19	19 (****)
	2020	84	♥76 (90.5)	0	0	0	0	0	0	<5	****	0	0	0	0	64	♥59 (92.2)	17	15 (****)
	2019	90	♥76 (84.4)	<5	****	0	0	<5	****	<5	****	0	0	0	0	58	♥52 (89.7)	24	20 (****)
	2018	90	♥78 (86.7)	<5	****	0	0	<5	****	<5	****	0	0	0	0	62	♥57 (91.9)	22	17 (****)
	2017	87	♥76 (87.4)	5	****	0	0	<5	****	<5	0	0	0	0	0	62	♥57 (91.9)	17	13 (****)
POLK	2021	224	♥187 (83.5)	8	5 (****)	0	0	<5	****	<5	****	0	0	0	0	181	♥159 (87.8)	32	21 (65.6)
	2020	215	♥189 (87.9)	<5	****	0	0	<5	****	<5	****	<5	****	<5	****	188	♥169 (89.9)	16	12 (****)
	2019	218	♥190 (87.2)	9	8 (****)	0	0	<5	****	7	5 (****)	<5	****	0	0	179	♥161 (89.9)	21	14 (****)
	2018	213	♥177 (83.1)	11	7 (****)	0	0	<5	****	<5	****	<5	****	0	0	185	♥157 (84.9)	12	8 (****)
	2017	237	♥206 (86.9)	7	5 (****)	0	0	<5	****	5	****	<5	****	<5	****	184	♥167 (90.8)	32	21 (65.6)
POPE	2021	126	♥112 (88.9)	<5	****	0	0	<5	****	<5	****	0	0	0	0	113	♥101 (89.4)	8	8 (****)
	2020	117	♥102 (87.2)	<5	0	0	0	0	0	0	0	0	0	0	0	113	♥99 (87.6)	<5	****
	2019	132	♥120 (90.9)	0	0	0	0	<5	0	0	0	0	0	0	0	124	♥113 (91.1)	7	7 (****)
	2018	121	♥112 (92.6)	0	0	0	0	<5	****	0	0	0	0	0	0	113	♥105 (92.9)	6	5 (****)
	2017	128	♥113 (88.3)	<5	****	0	0	<5	****	0	0	0	0	0	0	113	♥99 (87.6)	11	11 (****)

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
RAMSEY	2021	6,587	♥5,447 (82.7)	113	♥95 (84.1)	971	541 (55.7)	556	440 (79.1)	801	553 (69.0)	611	♥564 (92.3)	196	♥177 (90.3)	2,393	♥2,264 (94.6)	946	♥813 (85.9)
	2020	6,904	♥5,859 (84.9)	109	♥91 (83.5)	1,066	670 (62.9)	563	♥473 (84.0)	871	655 (75.2)	684	♥636 (93.0)	215	♥191 (88.8)	2,436	♥2,276 (93.4)	960	♥867 (90.3)
	2019	7,104	♥5,979 (84.2)	69	52 (75.4)	1,116	673 (60.3)	605	♥500 (82.6)	937	707 (75.5)	671	♥622 (92.7)	207	♥187 (90.3)	2,551	♥2,394 (93.8)	948	♥844 (89.0)
	2018	7,467	♥6,328 (84.7)	120	♥100 (83.3)	1,180	685 (58.1)	588	♥493 (83.8)	937	706 (75.3)	672	♥627 (93.3)	228	♥214 (93.9)	2,736	♥2,590 (94.7)	1,006	♥913 (90.8)
	2017	7,628	♥6,563 (86.0)	135	♥113 (83.7)	1,153	710 (61.6)	583	♥513 (88.0)	924	690 (74.7)	659	♥632 (95.9)	241	♥224 (92.9)	2,927	♥2,772 (94.7)	1,006	♥909 (90.4)
RED LAKE	2021	38	31 (81.6)	<5	****	0	0	0	0	<5	****	0	0	0	0	31	♥26 (83.9)	<5	****
	2020	33	26 (78.8)	<5	****	0	0	0	0	<5	****	0	0	0	0	29	22 (****)	<5	****
	2019	36	♥32 (88.9)	<5	****	0	0	0	0	<5	****	0	0	0	0	31	♥27 (87.1)	<5	****
	2018	31	♥27 (87.1)	<5	****	0	0	0	0	<5	****	0	0	0	0	24	22 (****)	<5	****
	2017	33	25 (75.8)	<5	****	0	0	0	0	0	0	0	0	0	0	27	21 (****)	<5	****
REDWOOD	2021	187	♥165 (88.2)	15	12 (****)	<5	****	<5	****	5	****	0	0	0	0	148	♥135 (91.2)	16	12 (****)
	2020	181	148 (81.8)	13	8 (****)	6	****	<5	****	<5	****	0	0	0	0	148	♥125 (84.5)	10	10 (****)
	2019	183	♥159 (86.9)	13	9 (****)	7	****	<5	****	<5	****	0	0	0	0	149	♥135 (90.6)	11	10 (****)
	2018	193	♥171 (88.6)	17	12 (****)	<5	****	<5	****	<5	****	0	0	0	0	152	♥137 (90.1)	14	14 (****)
	2017	179	♥153 (85.5)	14	12 (****)	11	****	<5	****	<5	****	0	0	<5	****	139	♥125 (89.9)	9	9 (****)
RENVILLE	2021	133	♥117 (88.0)	8	6 (****)	0	0	0	0	<5	****	0	0	0	0	94	♥88 (93.6)	28	21 (****)
	2020	169	♥148 (87.6)	8	8 (****)	0	0	<5	****	<5	****	0	0	0	0	120	♥108 (90.0)	36	27 (75.0)
	2019	161	♥140 (87.0)	<5	****	0	0	<5	****	<5	****	0	0	0	0	125	♥110 (88.0)	29	25 (****)
	2018	180	♥150 (83.3)	11	7 (****)	0	0	<5	****	<5	****	0	0	<5	****	130	♥113 (86.9)	34	25 (73.5)
	2017	183	♥152 (83.1)	<5	****	0	0	<5	****	<5	****	0	0	0	0	136	♥115 (84.6)	39	31 (79.5)
RICE	2021	650	♥584 (89.8)	7	7 (****)	<5	****	10	10 (****)	16	10 (****)	92	♥85 (92.4)	<5	****	412	♥373 (90.5)	109	♥96 (88.1)
	2020	635	♥595 (93.7)	5	5 (****)	0	0	12	8 (****)	21	17 (****)	83	♥80 (96.4)	<5	****	394	♥373 (94.7)	118	♥111 (94.1)
	2019	718	♥653 (90.9)	<5	****	<5	****	13	10 (****)	14	13 (****)	119	♥113 (95.0)	5	****	461	♥420 (91.1)	104	♥91 (87.5)
	2018	725	♥646 (89.1)	9	8 (****)	0	0	15	14 (****)	25	18 (****)	111	♥101 (91.0)	5	5 (****)	432	♥389 (90.0)	128	♥111 (86.7)
	2017	744	♥669 (89.9)	6	5 (****)	<5	****	14	13 (****)	17	14 (****)	119	♥113 (95.0)	<5	****	485	♥437 (90.1)	101	♥86 (85.1)
ROCK	2021	33	25 (75.8)	<5	0	0	0	<5	****	<5	****	0	0	0	0	23	18 (****)	6	5 (****)
	2020	33	24 (72.7)	<5	0	0	0	0	0	<5	****	<5	****	0	0	25	19 (****)	<5	****
	2019	26	21 (****)	0	0	0	0	0	0	<5	****	0	0	0	0	22	17 (****)	<5	****
	2018	40	31 (77.5)	0	0	0	0	0	0	<5	****	0	0	0	0	35	26 (74.3)	<5	****
	2017	43	34 (79.1)	0	0	<5	****	0	0	<5	0	0	0	0	0	32	♥27 (84.4)	9	6 (****)
ROSEAU	2021	163	♥142 (87.1)	12	10 (****)	0	0	7	6 (****)	<5	****	0	0	<5	****	133	♥116 (87.2)	8	7 (****)
	2020	131	♥114 (87.0)	10	7 (****)	<5	****	<5	****	<5	****	0	0	0	0	109	♥96 (88.1)	7	7 (****)
	2019	152	124 (81.6)	6	****	0	0	6	****	<5	****	0	0	<5	****	130	♥108 (83.1)	5	****
	2018	159	130 (81.8)	7	6 (****)	<5	****	<5	****	<5	****	0	0	0	0	138	113 (81.9)	8	5 (****)
	2017	168	135 (80.4)	8	6 (****)	0	0	7	5 (****)	<5	****	0	0	0	0	138	110 (79.7)	12	11 (****)

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
SAINT LOUIS	2021	1,821	♥1,639 (90.0)	145	116 (80.0)	0	0	30	♥28 (93.3)	100	78 (78.0)	<5	****	9	9 (****)	1,449	♥1,327 (91.6)	87	♥80 (92.0)
	2020	1,744	♥1,571 (90.1)	153	♥129 (84.3)	<5	****	26	23 (****)	81	56 (69.1)	<5	****	12	11 (****)	1,393	♥1,278 (91.7)	76	♥71 (93.4)
	2019	1,889	♥1,694 (89.7)	97	♥82 (84.5)	<5	0	30	♥27 (90.0)	111	83 (74.8)	<5	****	13	13 (****)	1,547	♥1,408 (91.0)	86	♥78 (90.7)
	2018	1,804	♥1,572 (87.1)	130	98 (75.4)	<5	****	31	♥28 (90.3)	102	73 (71.6)	<5	****	11	9 (****)	1,434	♥1,283 (89.5)	90	♥76 (84.4)
	2017	1,980	♥1,761 (88.9)	156	117 (75.0)	0	0	26	24 (****)	104	79 (76.0)	<5	****	8	7 (****)	1,589	♥1,449 (91.2)	94	♥82 (87.2)
SCOTT	2021	1,709	♥1,611 (94.3)	26	24 (****)	6	****	104	♥101 (97.1)	51	♥44 (86.3)	126	♥120 (95.2)	43	♥41 (95.3)	1,139	♥1,077 (94.6)	214	♥200 (93.5)
	2020	1,631	♥1,528 (93.7)	31	♥29 (93.5)	8	8 (****)	126	♥115 (91.3)	54	♥46 (85.2)	128	♥124 (96.9)	27	26 (****)	1,066	♥1,003 (94.1)	191	♥177 (92.7)
	2019	1,683	♥1,570 (93.3)	13	11 (****)	6	5 (****)	116	♥106 (91.4)	62	♥54 (87.1)	97	♥88 (90.7)	38	♥34 (89.5)	1,185	♥1,118 (94.3)	166	♥154 (92.8)
	2018	1,704	♥1,587 (93.1)	32	23 (71.9)	<5	****	121	♥110 (90.9)	56	♥47 (83.9)	123	♥109 (88.6)	29	28 (****)	1,168	♥1,105 (94.6)	171	♥162 (94.7)
	2017	1,814	♥1,710 (94.3)	31	♥27 (87.1)	9	8 (****)	98	♥87 (88.8)	46	♥45 (97.8)	96	♥91 (94.8)	33	♥31 (93.9)	1,311	♥1,247 (95.1)	190	♥174 (91.6)
SHERBURNE	2021	1,156	♥1,036 (89.6)	18	16 (****)	8	****	20	18 (****)	48	33 (68.8)	57	♥54 (94.7)	24	22 (****)	915	♥829 (90.6)	66	♥60 (90.9)
	2020	1,163	♥1,065 (91.6)	15	12 (****)	5	5 (****)	26	23 (****)	23	20 (****)	66	♥64 (97.0)	27	24 (****)	921	♥844 (91.6)	80	♥73 (91.3)
	2019	1,193	♥1,071 (89.8)	7	6 (****)	<5	****	17	17 (****)	48	38 (79.2)	55	♥52 (94.5)	8	8 (****)	985	♥883 (89.6)	70	♥65 (92.9)
	2018	1,201	♥1,079 (89.8)	16	15 (****)	5	****	28	26 (****)	32	♥29 (90.6)	52	♥46 (88.5)	12	11 (****)	989	♥891 (90.1)	67	♥59 (88.1)
	2017	1,210	♥1,103 (91.2)	16	12 (****)	0	0	23	23 (****)	28	24 (****)	49	40 (81.6)	15	13 (****)	1,026	♥944 (92.0)	53	♥47 (88.7)
SIBLEY	2021	186	♥155 (83.3)	<5	****	0	0	0	0	<5	****	<5	****	<5	****	152	♥127 (83.6)	25	20 (****)
	2020	165	135 (81.8)	<5	0	<5	0	0	0	6	5 (****)	0	0	0	0	124	♥104 (83.9)	33	26 (78.8)
	2019	163	♥145 (89.0)	<5	****	0	0	<5	****	<5	****	<5	****	<5	****	125	♥113 (90.4)	30	♥25 (83.3)
	2018	175	♥157 (89.7)	<5	****	0	0	<5	****	<5	****	0	0	0	0	133	♥122 (91.7)	35	♥29 (82.9)
	2017	157	♥132 (84.1)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	117	♥99 (84.6)	34	27 (79.4)
STEARNS	2021	1,948	♥1,735 (89.1)	17	17 (****)	<5	****	28	28 (****)	109	81 (74.3)	350	♥333 (95.1)	27	24 (****)	1,247	♥1,115 (89.4)	166	135 (81.3)
	2020	1,981	♥1,760 (88.8)	24	18 (****)	0	0	25	24 (****)	130	92 (70.8)	354	♥334 (94.4)	25	22 (****)	1,230	♥1,106 (89.9)	193	♥164 (85.0)
	2019	1,974	♥1,773 (89.8)	8	7 (****)	<5	****	27	23 (****)	99	75 (75.8)	368	♥347 (94.3)	24	23 (****)	1,275	♥1,144 (89.7)	172	♥153 (89.0)
	2018	2,041	♥1,817 (89.0)	12	10 (****)	<5	****	21	19 (****)	103	80 (77.7)	367	♥342 (93.2)	34	♥32 (94.1)	1,334	♥1,193 (89.4)	169	♥140 (82.8)
	2017	2,049	♥1,791 (87.4)	18	14 (****)	0	0	37	♥35 (94.6)	90	70 (77.8)	365	♥322 (88.2)	22	20 (****)	1,357	♥1,191 (87.8)	160	♥139 (86.9)
STEELE	2021	428	♥359 (83.9)	<5	0	0	0	6	6 (****)	5	****	31	♥26 (83.9)	<5	****	312	♥260 (83.3)	71	♥63 (88.7)
	2020	374	♥320 (85.6)	<5	****	<5	****	<5	****	9	8 (****)	30	♥29 (96.7)	<5	****	250	♥221 (88.4)	76	56 (73.7)
	2019	415	♥369 (88.9)	<5	****	<5	****	6	6 (****)	13	9 (****)	28	27 (****)	0	0	303	♥267 (88.1)	62	♥57 (91.9)
	2018	383	♥339 (88.5)	<5	****	<5	****	<5	****	7	6 (****)	38	♥37 (97.4)	<5	****	280	♥249 (88.9)	47	38 (80.9)
	2017	420	♥358 (85.2)	<5	****	0	0	<5	****	12	10 (****)	29	27 (****)	<5	****	309	♥259 (83.8)	64	♥56 (87.5)
STEVENS	2021	104	♥94 (90.4)	<5	0	0	0	<5	****	0	0	0	0	0	0	79	♥71 (89.9)	22	22 (****)
	2020	118	♥106 (89.8)	<5	****	0	0	<5	****	5	****	0	0	0	0	89	♥80 (89.9)	22	21 (****)
	2019	124	♥111 (89.5)	<5	****	0	0	<5	****	<5	****	0	0	0	0	93	♥82 (88.2)	24	23 (****)
	2018	124	♥115 (92.7)	5	****	0	0	<5	****	<5	****	0	0	0	0	88	♥83 (94.3)	28	25 (****)
	2017	126	♥113 (89.7)	<5	****	0	0	0	0	<5	****	0	0	<5	****	97	♥86 (88.7)	23	22 (****)

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
SWIFT	2021	107	♥91 (85.0)	0	0	0	0	7	7 (****)	<5	****	0	0	0	0	86	♥72 (83.7)	10	9 (****)
	2020	113	92 (81.4)	0	0	0	0	8	5 (****)	<5	****	0	0	0	0	74	♥64 (86.5)	28	22 (****)
	2019	110	♥93 (84.5)	0	0	0	0	7	5 (****)	<5	****	0	0	0	0	79	♥69 (87.3)	21	16 (****)
	2018	114	♥104 (91.2)	<5	****	0	0	5	****	7	6 (****)	0	0	0	0	83	♥80 (96.4)	18	13 (****)
	2017	117	♥99 (84.6)	<5	****	0	0	9	8 (****)	10	7 (****)	0	0	0	0	84	♥72 (85.7)	13	11 (****)
TODD	2021	304	♥281 (92.4)	<5	****	0	0	<5	****	<5	****	0	0	<5	****	219	♥202 (92.2)	75	♥69 (92.0)
	2020	288	♥266 (92.4)	5	5 (****)	0	0	<5	****	5	****	0	0	0	0	206	♥186 (90.3)	69	♥68 (98.6)
	2019	286	♥263 (92.0)	<5	****	0	0	<5	****	<5	****	0	0	0	0	217	♥201 (92.6)	62	♥55 (88.7)
	2018	313	♥276 (88.2)	7	7 (****)	0	0	<5	****	5	5 (****)	0	0	0	0	246	♥219 (89.0)	53	43 (81.1)
	2017	321	♥279 (86.9)	6	5 (****)	0	0	<5	****	<5	****	0	0	0	0	254	♥221 (87.0)	55	♥47 (85.5)
TRAVERSE	2021	18	16 (****)	<5	****	0	0	0	0	0	0	0	0	0	0	15	14 (****)	<5	****
	2020	27	25 (****)	<5	****	0	0	0	0	<5	****	0	0	0	0	17	16 (****)	6	5 (****)
	2019	12	7 (****)	0	0	0	0	0	0	0	0	0	0	0	0	8	6 (****)	<5	****
	2018	21	18 (****)	<5	****	<5	****	0	0	0	0	0	0	0	0	18	15 (****)	<5	****
	2017	19	16 (****)	0	0	0	0	0	0	0	0	0	0	0	0	18	16 (****)	<5	0
WABASHA	2021	217	♥191 (88.0)	0	0	0	0	<5	****	<5	****	0	0	0	0	194	♥173 (89.2)	18	13 (****)
	2020	216	♥192 (88.9)	<5	****	0	0	<5	****	<5	****	0	0	0	0	192	♥170 (88.5)	19	18 (****)
	2019	217	♥185 (85.3)	<5	****	0	0	<5	****	<5	****	0	0	0	0	188	♥161 (85.6)	25	20 (****)
	2018	229	♥207 (90.4)	0	0	0	0	<5	****	<5	****	0	0	0	0	210	♥192 (91.4)	15	11 (****)
	2017	242	♥219 (90.5)	<5	****	0	0	5	5 (****)	6	5 (****)	0	0	0	0	210	♥189 (90.0)	19	18 (****)
WADENA	2021	185	♥160 (86.5)	<5	****	0	0	<5	****	<5	****	0	0	0	0	171	♥149 (87.1)	5	****
	2020	203	♥182 (89.7)	<5	****	0	0	0	0	7	5 (****)	0	0	0	0	184	♥166 (90.2)	9	8 (****)
	2019	189	♥169 (89.4)	<5	****	0	0	0	0	5	****	0	0	0	0	176	♥158 (89.8)	7	6 (****)
	2018	179	♥156 (87.2)	<5	****	0	0	0	0	<5	****	0	0	<5	****	166	♥143 (86.1)	7	7 (****)
	2017	188	♥155 (82.4)	<5	****	0	0	0	0	5	****	0	0	0	0	176	♥146 (83.0)	5	5 (****)
WASECA	2021	194	155 (79.9)	<5	0	0	0	0	0	5	****	0	0	0	0	168	♥138 (82.1)	20	15 (****)
	2020	188	♥159 (84.6)	0	0	0	0	<5	****	<5	****	<5	****	0	0	159	♥135 (84.9)	26	21 (****)
	2019	187	♥160 (85.6)	<5	****	0	0	<5	****	<5	****	0	0	0	0	152	♥132 (86.8)	29	24 (****)
	2018	216	♥184 (85.2)	<5	****	0	0	<5	****	13	10 (****)	<5	****	<5	****	164	♥140 (85.4)	32	♥27 (84.4)
	2017	195	♥168 (86.2)	<5	****	0	0	<5	****	8	7 (****)	<5	****	<5	****	155	♥133 (85.8)	21	18 (****)
WASHINGTON	2021	2,740	♥2,393 (87.3)	33	♥29 (87.9)	202	112 (55.4)	109	♥93 (85.3)	139	111 (79.9)	66	♥61 (92.4)	76	♥71 (93.4)	1,798	♥1,635 (90.9)	317	♥281 (88.6)
	2020	2,635	♥2,342 (88.9)	44	34 (77.3)	175	107 (61.1)	106	♥94 (88.7)	153	♥129 (84.3)	82	♥75 (91.5)	70	♥68 (97.1)	1,723	♥1,586 (92.0)	282	♥249 (88.3)
	2019	2,662	♥2,396 (90.0)	13	11 (****)	149	104 (69.8)	118	♥109 (92.4)	131	♥111 (84.7)	55	♥48 (87.3)	66	♥58 (87.9)	1,838	♥1,683 (91.6)	292	♥272 (93.2)
	2018	2,688	♥2,431 (90.4)	40	♥34 (85.0)	140	99 (70.7)	102	♥92 (90.2)	143	♥123 (86.0)	70	♥61 (87.1)	70	♥67 (95.7)	1,844	♥1,694 (91.9)	279	♥261 (93.5)
	2017	2,684	♥2,453 (91.4)	26	23 (****)	123	85 (69.1)	104	♥92 (88.5)	122	♥100 (82.0)	56	♥52 (92.9)	80	♥75 (93.8)	1,942	♥1,817 (93.6)	231	♥209 (90.5)

♥ Percent meets Healthy People 2020 objective
Minnesota Department of Health, WIC Program

(.....) Percent not calculated for locations with less than 30 participants
4/21/2022

Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Cultural Identity and County, CY 2017 to 2021

Minnesota WIC Information System

County	Year	Total with BF Info ^a	Total BF Initiated ^b	Amer Indian Total ^c	Amer Indian BF	Hmong Total ^d	Hmong BF	Asian Total ^e	Asian BF	Black (A A) Total ^f	Black (African American) BF	East Afr Total ^g	East African BF	Other Black Total ^h	Other Black BF	White NH Total	White NH BF	Hispanic all races Total	Hispanic all races BF
WATONWAN	2021	171	111 (64.9)	<5	****	0	0	<5	****	<5	0	<5	0	<5	****	74	♥61 (82.4)	92	47 (51.1)
	2020	165	100 (60.6)	0	0	0	0	0	0	<5	****	0	0	0	0	73	55 (75.3)	90	43 (47.8)
	2019	168	126 (75.0)	0	0	<5	0	<5	****	0	0	<5	****	0	0	75	♥68 (90.7)	89	56 (62.9)
	2018	168	123 (73.2)	<5	****	0	0	<5	****	<5	****	0	0	0	0	74	59 (79.7)	88	58 (65.9)
	2017	158	129 (81.6)	0	0	0	0	<5	****	0	0	0	0	0	0	70	♥61 (87.1)	87	67 (77.0)
WILKIN	2021	8	7 (****)	0	0	0	0	0	0	0	0	0	0	0	0	8	7 (****)	0	0
	2020	13	10 (****)	0	0	0	0	0	0	0	0	0	0	0	0	13	10 (****)	0	0
	2019	31	♥26 (83.9)	<5	****	0	0	0	0	0	0	0	0	0	0	26	21 (****)	<5	****
	2018	29	26 (****)	<5	****	0	0	<5	****	0	0	0	0	0	0	23	21 (****)	<5	****
WINONA	2021	282	♥243 (86.2)	<5	****	5	****	5	5 (****)	17	7 (****)	<5	****	<5	****	207	♥186 (89.9)	42	♥37 (88.1)
	2020	315	♥259 (82.2)	<5	****	<5	0	<5	****	29	15 (****)	0	0	<5	****	230	♥197 (85.7)	44	♥39 (88.6)
	2019	317	♥270 (85.2)	<5	****	<5	****	7	7 (****)	21	11 (****)	<5	****	<5	****	232	♥200 (86.2)	48	♥45 (93.8)
	2018	326	♥275 (84.4)	<5	****	7	****	<5	****	27	16 (****)	0	0	<5	****	251	♥220 (87.6)	35	♥32 (91.4)
	2017	310	♥270 (87.1)	0	0	7	****	<5	****	21	15 (****)	0	0	0	0	234	♥207 (88.5)	45	♥44 (97.8)
WRIGHT	2021	1,841	♥1,672 (90.8)	15	14 (****)	16	11 (****)	29	29 (****)	45	36 (80.0)	11	10 (****)	41	♥35 (85.4)	1,581	♥1,448 (91.6)	103	♥89 (86.4)
	2020	1,724	♥1,579 (91.6)	16	14 (****)	7	5 (****)	29	26 (****)	51	38 (74.5)	18	17 (****)	37	♥35 (94.6)	1,468	♥1,353 (92.2)	98	♥91 (92.9)
	2019	1,681	♥1,545 (91.9)	5	****	6	5 (****)	19	17 (****)	32	24 (75.0)	9	9 (****)	14	14 (****)	1,495	♥1,382 (92.4)	101	♥90 (89.1)
	2018	1,758	♥1,610 (91.6)	17	17 (****)	<5	****	25	23 (****)	42	♥37 (88.1)	<5	****	14	11 (****)	1,559	♥1,430 (91.7)	95	♥87 (91.6)
	2017	1,693	♥1,556 (91.9)	18	17 (****)	<5	****	34	♥31 (91.2)	25	23 (****)	7	7 (****)	22	18 (****)	1,486	♥1,369 (92.1)	98	♥88 (89.8)
YELLOW MEDICINE	2021	82	♥71 (86.6)	8	6 (****)	0	0	0	0	0	0	0	0	0	0	67	♥59 (88.1)	7	6 (****)
	2020	91	♥79 (86.8)	6	5 (****)	0	0	0	0	<5	0	0	0	0	0	73	♥65 (89.0)	10	9 (****)
	2019	88	♥78 (88.6)	<5	****	0	0	0	0	0	0	0	0	0	0	73	♥66 (90.4)	11	9 (****)
	2018	93	♥86 (92.5)	<5	****	0	0	<5	****	<5	****	0	0	0	0	77	♥74 (96.1)	8	7 (****)
	2017	88	♥77 (87.5)	<5	****	0	0	0	0	<5	****	0	0	0	0	74	♥66 (89.2)	10	7 (****)

Breastfeeding Benchmark References	Breastfeeding Initiation	Breastfeeding at Three months	Breastfeeding at Six months	Breastfeeding at Twelve months
Healthy People 2020 Objectives * Percent met Healthy People 2020 Objective	81.9%		60.6%	34.1%
Minnesota WIC Program 2020 Objective		70.0%		
National Immunization Survey Data Nationwide (Infants born in 2018)⁹	83.9%		56.7%	35.0%
National Immunization Survey Data Minnesota (Infants born in 2018)⁹	88.6%		66.2%	40.1%

Suggested citation: Minnesota WIC Information System. Breastfeeding Initiation for Infants Born in Minnesota During Calendar Years 2017 to 2021 by Race/Ethnicity and Selected Cultural Identities by County. Minnesota WIC Program: 2022.

For more information contact: Minnesota Department of Health WIC Program 1 (800) 657-3942

¹ Total number of infants born in Minnesota during given calendar year with breastfeeding information on the birth certificate

² Number of infants born in Minnesota who initiated breastfeeding (percent of infants born in Minnesota who initiated breastfeeding)

³ Includes infants identified as American Indian/Alaskan native alone or in combination (AOIC) with other races

⁴ Includes infants born to Hmong-American women and Hmong immigrant women

⁵ Includes Asian infants who do not identify as Hmong, alone or in combination with other races except American Indian

⁶ Includes non-Hispanic Black (African-American) infants who not are identified with a culture outside the United States, alone or in combination with White race.

⁷ Includes non-Hispanic Black infants who are identified with an East African culture, including Somali, Kenyan, Sudanese, Oromo and Ethiopian

⁸ Includes non-Hispanic Black infants identified as Liberian, Ghanaian, or “Other – Black”

⁹ National Immunization Survey Data (All 2018 births, accessed May 5, 2021)

Appendix A: Methodology and Interpretation

Methodology

Race/ethnicity and Selected Cultural Identities

Information on race/ethnicity for this report is derived from Minnesota birth certificate data linked to Minnesota WIC data. Minnesota WIC collects data on race and ethnicity. Parents/caregivers of infant WIC participants are asked to identify the infants' race and ethnicity. They are first asked if they identify the infant as Hispanic. They are then asked to choose as many races as apply from five choices: American Indian, Asian, Black/African-American, Native Hawaiian/Pacific Islander, and White. Those who identify single-race Black or Asian may then be asked to choose a cultural identity from the following lists: for Black, the choices include Black Multigenerational American, Somali or Somali American, Liberian or Liberian American, Sudanese or Sudanese American, Ethiopian or Ethiopian American, Kenyan or Kenyan American, Oromo or Oromo American, and Other Black. For Asian, the choices include Hmong or Hmong American, KaRen or KaRen American, Bhutanese-Nepali or B-N American, Cambodian or Cambodian American, Karenni or Karenni American, Laotian or Laotian American, Vietnamese or Vietnamese American, and Other Asian.

For infants who did not participate in WIC, and for WIC participants without WIC data on race/ethnicity and cultural identity, this information is taken from the birth record. Black subcategories on the birth record include Somali, Ethiopian, Liberian, Ghanaian, Kenyan, Sudanese, Nigerian, and Other African. Asian subcategories on the birth record include Chinese, Filipino, Japanese, Korean, Vietnamese, Hmong, Cambodian, Laotian, and Other Asian. All racial and cultural identity data is self-identified. In addition, the birth record provides information on mothers' nativity (country of origin).

For this report, multiracial infants are included in a single category only, prioritized as follows: Hispanic, American Indian, Hmong, East African, non-Hmong Asian AOIC, Other – Black AOIC, Black (African-American) AOIC, White. Due to low numbers, those identified as “Native Hawaiian/Pacific Islander” are included in the “Asian” category. In this method of categorization, non-Hmong Asian AOIC will not include anyone identified as Hispanic, American Indian, Hmong, or East African. Black (African-American) AOIC

Interpretation

Although Minnesota as a whole has exceeded the Healthy People 2020 goal for breastfeeding initiation (81.9%) in every year reported, the rate dropped for a third year in a row in 2021. There remain wide disparities in rates across cultures and communities, with declining rates among all groups except Other Black.

Hmong breastfeeding initiation rates remain the lowest among the reported groups, at 59.5% in 2021.

American Indian rates declined 1.8 points in 2021. They varied widely by county, as high as 90.1% in Anoka, and lowest in Cass County (58.6%, a 5.2 point drop from 2020). Black (African-American) rates, after steadily improving for several years to a high in 2018, dropped again in 2021, by almost 3 percentage points. Scott County exceeded the HP2020 goal in 2021 (86.3%). Hennepin, the epicenter of the events surrounding George Floyd's murder, saw a drop of over 3 percentage points from 2019.

Hispanic infants have high rates overall (89.3%) but declined 1.6 points from 2019. Hispanic rates vary greatly between counties. In 2021, rates exceeded 94% in Carver, Chisago and Hennepin. Lowest rates were in Martin (56.0, a decline of more than 8 points), Polk (65.6), and Watonwan, with 51.1% of Hispanic infants ever breastfed, up 3.3 points from 2020 but still far from their highest rate in recent years, 93.9% in 2015.

White infants met and exceeded the HP2020 goal in most counties. Carver (96.5) and Hennepin (96.1) had the highest rates. Freeborn had the lowest rate in the state in 2021 with 78.0% of White mothers initiating breastfeeding.

This report includes information on all infants born in Minnesota. Information on breastfeeding among Minnesota WIC participants (regardless of place of birth), can be found in the WIC Breastfeeding Reports.