

## Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program by Age of the Mother and Region, 2015 to 2021

Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Minnesota</b>																	
initiation <sup>3</sup>	2021	22,200	17,861 (80.5)	386	284 (73.6)	929	718 (77.3)	5,057	3,990 (78.9)	6,526	5,221 (80.0)	5,601	4,584 (81.8)	3,016	♥2,510 (83.2)	685	554 (80.9)
	2020	23,363	19,060 (81.6)	349	269 (77.1)	1,022	792 (77.5)	5,436	4,323 (79.5)	7,115	5,784 (81.3)	5,751	♥4,774 (83.0)	2,939	♥2,477 (84.3)	751	♥641 (85.4)
	2019	24,941	♥20,635 (82.7)	373	297 (79.6)	1,149	921 (80.2)	5,995	4,878 (81.4)	7,584	6,187 (81.6)	6,072	♥5,136 (84.6)	3,055	♥2,599 (85.1)	713	♥617 (86.5)
	2018	25,993	♥21,520 (82.8)	387	292 (75.5)	1,204	981 (81.5)	6,342	5,188 (81.8)	8,168	♥6,761 (82.8)	6,179	♥5,142 (83.2)	3,007	♥2,552 (84.9)	706	♥604 (85.6)
	2017	27,597	♥22,773 (82.5)	434	326 (75.1)	1,411	1,129 (80.0)	7,008	5,686 (81.1)	8,548	♥7,058 (82.6)	6,520	♥5,447 (83.5)	2,932	♥2,487 (84.8)	744	♥640 (86.0)
	2016	28,908	♥23,819 (82.4)	478	364 (76.2)	1,510	1,197 (79.3)	7,536	6,079 (80.7)	8,993	♥7,391 (82.2)	6,721	♥5,688 (84.6)	2,950	♥2,474 (83.9)	720	♥626 (86.9)
	2015	29,518	24,120 (81.7)	575	450 (78.3)	1,589	1,288 (81.1)	8,097	6,487 (80.1)	9,249	7,562 (81.8)	6,634	♥5,505 (83.0)	2,726	♥2,289 (84.0)	648	♥539 (83.2)
	<b>Minnesota</b>																
2 weeks <sup>4</sup>	2021	22,080	16,223 (73.5)	384	242 (63.0)	913	601 (65.8)	5,025	3,558 (70.8)	6,497	4,750 (73.1)	5,576	4,206 (75.4)	3,003	2,345 (78.1)	682	521 (76.4)
	2020	23,234	17,330 (74.6)	345	219 (63.5)	1,013	664 (65.5)	5,413	3,854 (71.2)	7,077	5,263 (74.4)	5,718	4,398 (76.9)	2,921	2,319 (79.4)	747	613 (82.1)
	2019	24,782	18,611 (75.1)	369	238 (64.5)	1,141	777 (68.1)	5,954	4,277 (71.8)	7,543	5,613 (74.4)	6,030	4,720 (78.3)	3,034	2,412 (79.5)	711	574 (80.7)
	2018	25,843	19,301 (74.7)	386	240 (62.2)	1,192	800 (67.1)	6,298	4,551 (72.3)	8,117	6,062 (74.7)	6,153	4,727 (76.8)	2,996	2,353 (78.5)	701	568 (81.0)
	2017	27,459	20,397 (74.3)	426	257 (60.3)	1,402	937 (66.8)	6,976	4,935 (70.7)	8,510	6,329 (74.4)	6,486	5,017 (77.4)	2,917	2,315 (79.4)	742	607 (81.8)
	2016	28,762	21,369 (74.3)	475	299 (62.9)	1,501	992 (66.1)	7,493	5,322 (71.0)	8,948	6,591 (73.7)	6,688	5,273 (78.8)	2,938	2,293 (78.0)	719	599 (83.3)
	2015	29,377	21,639 (73.7)	570	379 (66.5)	1,581	1,063 (67.2)	8,052	5,609 (69.7)	9,202	6,843 (74.4)	6,605	5,109 (77.4)	2,720	2,128 (78.2)	647	508 (78.5)
	<b>Minnesota</b>																
2 months <sup>5</sup>	2021	21,730	12,588 (57.9)	378	135 (35.7)	898	380 (42.3)	4,930	2,507 (50.9)	6,396	3,687 (57.6)	5,496	3,438 (62.6)	2,956	1,987 (67.2)	676	454 (67.2)
	2020	22,981	13,482 (58.7)	340	131 (38.5)	1,005	403 (40.1)	5,329	2,716 (51.0)	6,989	4,083 (58.4)	5,677	3,621 (63.8)	2,899	1,986 (68.5)	742	542 (73.0)
	2019	24,523	14,203 (57.9)	364	122 (33.5)	1,126	468 (41.6)	5,876	2,944 (50.1)	7,449	4,262 (57.2)	5,982	3,880 (64.9)	3,017	2,020 (67.0)	709	507 (71.5)
	2018	25,469	14,564 (57.2)	385	139 (36.1)	1,179	469 (39.8)	6,188	3,112 (50.3)	7,987	4,582 (57.4)	6,077	3,829 (63.0)	2,958	1,941 (65.6)	695	492 (70.8)
	2017	27,070	15,221 (56.2)	420	139 (33.1)	1,381	574 (41.6)	6,846	3,277 (47.9)	8,390	4,727 (56.3)	6,412	4,054 (63.2)	2,888	1,914 (66.3)	733	536 (73.1)
	2016	28,376	15,941 (56.2)	469	163 (34.8)	1,484	577 (38.9)	7,376	3,458 (46.9)	8,821	4,965 (56.3)	6,607	4,302 (65.1)	2,909	1,972 (67.8)	710	504 (71.0)
	2015	29,022	16,020 (55.2)	561	208 (37.1)	1,560	600 (38.5)	7,949	3,651 (45.9)	9,087	5,168 (56.9)	6,530	4,161 (63.7)	2,697	1,792 (66.4)	638	440 (69.0)
	<b>Minnesota</b>																
3 months <sup>6</sup>	2021	21,621	11,126 (51.5)	377	99 (26.3)	897	304 (33.9)	4,898	2,123 (43.3)	6,362	3,272 (51.4)	5,465	3,087 (56.5)	2,947	1,818 (61.7)	675	423 (62.7)
	2020	22,965	11,956 (52.1)	341	103 (30.2)	1,008	331 (32.8)	5,321	2,303 (43.3)	6,984	3,642 (52.1)	5,675	3,262 (57.5)	2,893	1,807 (62.5)	743	508 (68.4)
	2019	24,519	12,557 (51.2)	366	103 (28.1)	1,122	380 (33.9)	5,874	2,531 (43.1)	7,437	3,716 (50.0)	5,986	3,496 (58.4)	3,024	1,853 (61.3)	710	478 (67.3)
	2018	25,457	12,862 (50.5)	383	111 (29.0)	1,186	375 (31.6)	6,187	2,615 (42.3)	7,983	4,070 (51.0)	6,069	3,465 (57.1)	2,955	1,764 (59.7)	694	462 (66.6)
	2017	27,031	13,526 (50.0)	423	108 (25.5)	1,381	479 (34.7)	6,833	2,760 (40.4)	8,365	4,211 (50.3)	6,407	3,713 (58.0)	2,890	1,751 (60.6)	732	504 (68.9)
	2016	28,315	14,084 (49.7)	470	127 (27.0)	1,477	453 (30.7)	7,365	2,928 (39.8)	8,793	4,372 (49.7)	6,596	3,918 (59.4)	2,903	1,816 (62.6)	711	470 (66.1)
	2015	28,997	14,189 (48.9)	566	159 (28.1)	1,561	486 (31.1)	7,950	3,124 (39.3)	9,076	4,532 (49.9)	6,516	3,813 (58.5)	2,689	1,654 (61.5)	639	421 (65.9)

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

(.....) Percent not calculated for locations with less than 30 participants  
6/22/2022

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Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Minnesota</b>																	
6 months <sup>7</sup>	2021	20,500	7,594 (37.0)	364	52 (14.3)	865	168 (19.4)	4,668	1,310 (28.1)	6,026	2,239 (37.2)	5,161	2,208 (42.8)	2,780	1,302 (46.8)	636	315 (49.5)
	2020	22,592	8,854 (39.2)	338	69 (20.4)	979	202 (20.6)	5,223	1,553 (29.7)	6,873	2,673 (38.9)	5,599	2,539 (45.3)	2,849	1,413 (49.6)	731	405 (55.4)
	2019	24,178	9,405 (38.9)	363	63 (17.4)	1,102	249 (22.6)	5,789	1,736 (30.0)	7,335	2,754 (37.5)	5,898	2,716 (46.0)	2,991	1,499 (50.1)	700	388 (55.4)
	2018	25,024	9,480 (37.9)	379	59 (15.6)	1,172	242 (20.6)	6,085	1,769 (29.1)	7,838	2,977 (38.0)	5,955	2,644 (44.4)	2,910	1,405 (48.3)	685	384 (56.1)
	2017	26,629	9,979 (37.5)	417	58 (13.9)	1,357	285 (21.0)	6,728	1,850 (27.5)	8,217	3,057 (37.2)	6,321	2,909 (46.0)	2,867	1,406 (49.0)	722	414 (57.3)
	2016	27,859	10,356 (37.2)	466	78 (16.7)	1,460	271 (18.6)	7,230	1,927 (26.7)	8,643	3,184 (36.8)	6,499	3,042 (46.8)	2,857	1,461 (51.1)	704	393 (55.8)
	2015	28,544	10,421 (36.5)	563	93 (16.5)	1,538	311 (20.2)	7,811	2,073 (26.5)	8,943	3,312 (37.0)	6,410	2,953 (46.1)	2,652	1,339 (50.5)	627	340 (54.2)
	<b>Minnesota</b>																
12 months <sup>8</sup>	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	21,867	4,757 (21.8)	328	34 (10.4)	951	91 (9.6)	5,051	767 (15.2)	6,672	1,424 (21.3)	5,428	1,419 (26.1)	2,741	795 (29.0)	696	227 (32.6)
	2019	23,438	5,087 (21.7)	353	26 (7.4)	1,065	107 (10.0)	5,600	840 (15.0)	7,124	1,483 (20.8)	5,710	1,511 (26.5)	2,903	871 (30.0)	683	▼249 (36.5)
	2018	24,157	4,874 (20.2)	373	26 (7.0)	1,127	112 (9.9)	5,905	844 (14.3)	7,539	1,504 (19.9)	5,750	1,398 (24.3)	2,803	770 (27.5)	660	220 (33.3)
	2017	25,639	4,952 (19.3)	406	19 (4.7)	1,314	126 (9.6)	6,504	822 (12.6)	7,901	1,504 (19.0)	6,061	1,504 (24.8)	2,752	747 (27.1)	701	230 (32.8)
	2016	26,843	5,274 (19.6)	456	36 (7.9)	1,421	123 (8.7)	7,005	884 (12.6)	8,310	1,523 (18.3)	6,229	1,645 (26.4)	2,742	821 (29.9)	680	▼242 (35.6)
	2015	27,586	5,309 (19.2)	548	43 (7.8)	1,493	139 (9.3)	7,594	986 (13.0)	8,642	1,660 (19.2)	6,170	1,552 (25.2)	2,530	737 (29.1)	609	192 (31.5)
	<b>Central</b>																
initiation	2021	3,025	2,458 (81.3)	45	32 (71.1)	119	87 (73.1)	746	▼613 (82.2)	969	786 (81.1)	748	610 (81.6)	330	▼274 (83.0)	68	▼56 (82.4)
	2020	3,112	2,509 (80.6)	36	25 (69.4)	146	112 (76.7)	811	660 (81.4)	931	750 (80.6)	763	▼631 (82.7)	331	255 (77.0)	94	76 (80.9)
	2019	3,337	▼2,774 (83.1)	40	▼35 (87.5)	168	123 (73.2)	903	▼745 (82.5)	1,064	▼888 (83.5)	727	▼612 (84.2)	352	▼304 (86.4)	83	67 (80.7)
	2018	3,563	2,917 (81.9)	52	37 (71.2)	155	118 (76.1)	943	770 (81.7)	1,209	▼996 (82.4)	785	▼643 (81.9)	343	▼288 (84.0)	76	▼65 (85.5)
	2017	3,672	▼3,054 (83.2)	54	37 (68.5)	214	▼176 (82.2)	1,014	▼849 (83.7)	1,169	▼976 (83.5)	798	652 (81.7)	359	▼306 (85.2)	64	▼58 (90.6)
	2016	3,928	3,178 (80.9)	70	54 (77.1)	231	179 (77.5)	1,131	896 (79.2)	1,271	▼1,041 (81.9)	813	▼679 (83.5)	335	269 (80.3)	77	60 (77.9)
	2015	3,867	3,101 (80.2)	68	▼56 (82.4)	234	▼194 (82.9)	1,134	924 (81.5)	1,278	1,018 (79.7)	797	636 (79.8)	298	227 (76.2)	58	46 (79.3)
	<b>Central</b>																
2 weeks	2021	3,020	2,231 (73.9)	45	28 (62.2)	119	73 (61.3)	744	546 (73.4)	967	717 (74.1)	748	561 (75.0)	330	254 (77.0)	67	52 (77.6)
	2020	3,107	2,320 (74.7)	36	25 (69.4)	145	93 (64.1)	810	599 (74.0)	930	700 (75.3)	762	588 (77.2)	330	240 (72.7)	94	75 (79.8)
	2019	3,328	2,551 (76.7)	40	28 (70.0)	168	109 (64.9)	901	676 (75.0)	1,062	824 (77.6)	725	572 (78.9)	349	283 (81.1)	83	59 (71.1)
	2018	3,560	2,672 (75.1)	52	33 (63.5)	155	102 (65.8)	943	704 (74.7)	1,208	916 (75.8)	783	598 (76.4)	343	260 (75.8)	76	59 (77.6)
	2017	3,669	2,766 (75.4)	54	29 (53.7)	214	147 (68.7)	1,012	745 (73.6)	1,169	899 (76.9)	797	603 (75.7)	359	287 (79.9)	64	56 (87.5)
	2016	3,922	2,853 (72.7)	70	47 (67.1)	231	151 (65.4)	1,127	784 (69.6)	1,270	937 (73.8)	812	627 (77.2)	335	249 (74.3)	77	58 (75.3)
	2015	3,864	2,817 (72.9)	68	48 (70.6)	233	158 (67.8)	1,134	814 (71.8)	1,276	945 (74.1)	797	597 (74.9)	298	214 (71.8)	58	41 (70.7)

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

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<b>Central</b>																	
2 months	2021	2,983	1,712 (57.4)	45	17 (37.8)	116	44 (37.9)	730	405 (55.5)	955	551 (57.7)	743	450 (60.6)	328	202 (61.6)	66	43 (65.2)
	2020	3,084	1,767 (57.3)	36	12 (33.3)	145	51 (35.2)	802	405 (50.5)	922	544 (59.0)	756	482 (63.8)	330	207 (62.7)	93	66 (71.0)
	2019	3,297	1,894 (57.4)	40	17 (42.5)	167	60 (35.9)	890	456 (51.2)	1,054	615 (58.3)	715	457 (63.9)	348	238 (68.4)	83	51 (61.4)
	2018	3,510	1,964 (56.0)	52	14 (26.9)	152	60 (39.5)	930	494 (53.1)	1,190	667 (56.1)	773	469 (60.7)	338	211 (62.4)	75	49 (65.3)
	2017	3,616	2,002 (55.4)	53	15 (28.3)	211	89 (42.2)	990	464 (46.9)	1,152	648 (56.3)	790	491 (62.2)	356	244 (68.5)	64	51 (79.7)
	2016	3,864	2,046 (53.0)	68	23 (33.8)	226	85 (37.6)	1,107	501 (45.3)	1,255	679 (54.1)	804	506 (62.9)	330	209 (63.3)	74	43 (58.1)
	2015	3,822	1,994 (52.2)	67	28 (41.8)	231	80 (34.6)	1,121	524 (46.7)	1,260	680 (54.0)	788	468 (59.4)	298	175 (58.7)	57	39 (68.4)
	<b>Central</b>																
3 months	2021	2,970	1,506 (50.7)	44	14 (31.8)	116	33 (28.4)	726	351 (48.3)	954	493 (51.7)	737	393 (53.3)	327	180 (55.0)	66	42 (63.6)
	2020	3,077	1,551 (50.4)	36	7 (19.4)	144	40 (27.8)	802	345 (43.0)	919	476 (51.8)	753	435 (57.8)	330	185 (56.1)	93	63 (67.7)
	2019	3,294	1,666 (50.6)	40	17 (42.5)	167	48 (28.7)	889	398 (44.8)	1,052	531 (50.5)	715	414 (57.9)	349	212 (60.7)	82	46 (56.1)
	2018	3,498	1,720 (49.2)	52	12 (23.1)	152	44 (28.9)	925	413 (44.6)	1,186	593 (50.0)	771	423 (54.9)	337	190 (56.4)	75	45 (60.0)
	2017	3,608	1,764 (48.9)	52	12 (23.1)	210	70 (33.3)	985	396 (40.2)	1,151	575 (50.0)	789	447 (56.7)	357	217 (60.8)	64	▼47 (73.4)
	2016	3,849	1,798 (46.7)	68	20 (29.4)	223	67 (30.0)	1,103	419 (38.0)	1,251	605 (48.4)	800	459 (57.4)	330	191 (57.9)	74	37 (50.0)
	2015	3,813	1,718 (45.1)	67	20 (29.9)	231	62 (26.8)	1,118	434 (38.8)	1,257	585 (46.5)	786	419 (53.3)	297	161 (54.2)	57	37 (64.9)
	<b>Central</b>																
6 months	2021	2,838	1,026 (36.2)	42	6 (14.3)	113	17 (15.0)	691	211 (30.5)	910	342 (37.6)	707	296 (41.9)	314	127 (40.4)	61	27 (44.3)
	2020	3,045	1,138 (37.4)	36	****	142	22 (15.5)	794	245 (30.9)	903	322 (35.7)	749	351 (46.9)	329	147 (44.7)	92	49 (53.3)
	2019	3,252	1,271 (39.1)	40	11 (27.5)	166	30 (18.1)	879	283 (32.2)	1,038	397 (38.2)	703	328 (46.7)	346	182 (52.6)	80	40 (50.0)
	2018	3,457	1,263 (36.5)	52	7 (13.5)	152	32 (21.1)	914	275 (30.1)	1,170	450 (38.5)	761	309 (40.6)	333	152 (45.6)	75	38 (50.7)
	2017	3,548	1,275 (35.9)	52	6 (11.5)	206	41 (19.9)	961	247 (25.7)	1,132	434 (38.3)	780	337 (43.2)	354	173 (48.9)	63	37 (58.7)
	2016	3,789	1,278 (33.7)	67	13 (19.4)	221	38 (17.2)	1,085	270 (24.9)	1,231	430 (34.9)	784	337 (43.0)	327	160 (48.9)	74	30 (40.5)
	2015	3,755	1,219 (32.5)	67	13 (19.4)	230	44 (19.1)	1,093	272 (24.9)	1,243	413 (33.2)	772	321 (41.6)	295	127 (43.1)	55	29 (52.7)
	<b>Central</b>																
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	2,984	635 (21.3)	36	****	142	10 (7.0)	779	131 (16.8)	884	179 (20.2)	735	200 (27.2)	320	87 (27.2)	88	27 (30.7)
	2019	3,160	694 (22.0)	37	****	160	12 (7.5)	855	132 (15.4)	1,015	216 (21.3)	681	204 (30.0)	333	100 (30.0)	79	▼29 (36.7)
	2018	3,342	615 (18.4)	51	****	146	15 (10.3)	880	118 (13.4)	1,130	212 (18.8)	737	167 (22.7)	325	81 (24.9)	73	20 (27.4)
	2017	3,432	608 (17.7)	51	****	200	17 (8.5)	937	96 (10.2)	1,088	231 (21.2)	752	161 (21.4)	342	81 (23.7)	62	20 (32.3)
	2016	3,676	624 (17.0)	66	6 (9.1)	215	16 (7.4)	1,059	124 (11.7)	1,189	198 (16.7)	757	171 (22.6)	318	92 (28.9)	72	17 (23.6)
	2015	3,655	630 (17.2)	66	6 (9.1)	228	21 (9.2)	1,058	132 (12.5)	1,207	211 (17.5)	755	165 (21.9)	286	78 (27.3)	55	17 (30.9)

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

## Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program by Age of the Mother and Region, 2015 to 2021

Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Metro</b>																	
initiation	2021	11,733	9,432 (80.4)	178	132 (74.2)	451	352 (78.0)	2,341	1,823 (77.9)	3,365	2,674 (79.5)	3,116	2,551 (81.9)	1,840	♥1,540 (83.7)	442	360 (81.4)
	2020	12,618	10,255 (81.3)	187	139 (74.3)	442	336 (76.0)	2,631	2,037 (77.4)	3,749	3,002 (80.1)	3,290	♥2,747 (83.5)	1,842	♥1,588 (86.2)	477	♥406 (85.1)
	2019	13,168	♥10,847 (82.4)	200	148 (74.0)	527	♥432 (82.0)	2,778	2,239 (80.6)	3,883	3,132 (80.7)	3,508	♥2,949 (84.1)	1,830	♥1,560 (85.2)	442	♥387 (87.6)
	2018	13,786	♥11,392 (82.6)	187	149 (79.7)	562	450 (80.1)	3,064	2,450 (80.0)	4,208	♥3,464 (82.3)	3,486	♥2,915 (83.6)	1,817	♥1,567 (86.2)	462	♥397 (85.9)
	2017	14,720	♥12,159 (82.6)	226	172 (76.1)	646	512 (79.3)	3,338	2,665 (79.8)	4,432	3,619 (81.7)	3,794	♥3,221 (84.9)	1,769	♥1,528 (86.4)	515	♥442 (85.8)
	2016	15,476	♥12,819 (82.8)	221	169 (76.5)	732	588 (80.3)	3,673	2,956 (80.5)	4,730	♥3,885 (82.1)	3,850	♥3,270 (84.9)	1,807	♥1,543 (85.4)	463	♥408 (88.1)
	2015	15,784	♥13,029 (82.5)	305	238 (78.0)	751	600 (79.9)	3,913	3,123 (79.8)	4,878	♥4,027 (82.6)	3,825	♥3,240 (84.7)	1,666	♥1,430 (85.8)	446	♥371 (83.2)
	<b>Metro</b>																
2 weeks	2021	11,653	8,618 (74.0)	177	117 (66.1)	443	292 (65.9)	2,323	1,631 (70.2)	3,345	2,444 (73.1)	3,096	2,340 (75.6)	1,829	1,455 (79.6)	440	339 (77.0)
	2020	12,536	9,367 (74.7)	185	112 (60.5)	435	285 (65.5)	2,618	1,820 (69.5)	3,728	2,733 (73.3)	3,268	2,532 (77.5)	1,828	1,496 (81.8)	474	389 (82.1)
	2019	13,057	9,818 (75.2)	197	117 (59.4)	520	358 (68.8)	2,748	1,960 (71.3)	3,851	2,839 (73.7)	3,482	2,714 (77.9)	1,819	1,464 (80.5)	440	366 (83.2)
	2018	13,687	10,265 (75.0)	186	118 (63.4)	552	368 (66.7)	3,037	2,135 (70.3)	4,179	3,112 (74.5)	3,467	2,708 (78.1)	1,808	1,448 (80.1)	458	376 (82.1)
	2017	14,631	10,911 (74.6)	219	139 (63.5)	640	420 (65.6)	3,321	2,295 (69.1)	4,410	3,243 (73.5)	3,769	2,972 (78.9)	1,758	1,423 (80.9)	514	419 (81.5)
	2016	15,359	11,531 (75.1)	218	133 (61.0)	725	489 (67.4)	3,643	2,583 (70.9)	4,694	3,453 (73.6)	3,821	3,041 (79.6)	1,796	1,438 (80.1)	462	394 (85.3)
	2015	15,666	11,693 (74.6)	301	203 (67.4)	746	501 (67.2)	3,873	2,665 (68.8)	4,839	3,623 (74.9)	3,801	3,020 (79.5)	1,661	1,330 (80.1)	445	351 (78.9)
	<b>Metro</b>																
2 months	2021	11,439	6,889 (60.2)	173	77 (44.5)	433	191 (44.1)	2,266	1,169 (51.6)	3,289	1,924 (58.5)	3,048	1,976 (64.8)	1,794	1,252 (69.8)	436	300 (68.8)
	2020	12,392	7,520 (60.7)	182	71 (39.0)	434	186 (42.9)	2,570	1,319 (51.3)	3,674	2,159 (58.8)	3,247	2,134 (65.7)	1,814	1,301 (71.7)	471	350 (74.3)
	2019	12,932	7,776 (60.1)	194	61 (31.4)	515	243 (47.2)	2,712	1,390 (51.3)	3,808	2,208 (58.0)	3,459	2,287 (66.1)	1,806	1,258 (69.7)	438	329 (75.1)
	2018	13,493	8,059 (59.7)	185	68 (36.8)	547	233 (42.6)	2,982	1,479 (49.6)	4,114	2,453 (59.6)	3,425	2,256 (65.9)	1,785	1,232 (69.0)	455	338 (74.3)
	2017	14,439	8,502 (58.9)	216	76 (35.2)	632	258 (40.8)	3,258	1,602 (49.2)	4,356	2,530 (58.1)	3,727	2,460 (66.0)	1,742	1,193 (68.5)	508	383 (75.4)
	2016	15,165	9,025 (59.5)	215	81 (37.7)	718	302 (42.1)	3,593	1,761 (49.0)	4,628	2,710 (58.6)	3,775	2,576 (68.2)	1,779	1,256 (70.6)	457	339 (74.2)
	2015	15,476	9,085 (58.7)	295	120 (40.7)	737	302 (41.0)	3,819	1,817 (47.6)	4,785	2,851 (59.6)	3,754	2,544 (67.8)	1,646	1,144 (69.5)	440	307 (69.8)
	<b>Metro</b>																
3 months	2021	11,379	6,154 (54.1)	172	58 (33.7)	432	161 (37.3)	2,252	995 (44.2)	3,271	1,717 (52.5)	3,027	1,795 (59.3)	1,789	1,150 (64.3)	436	278 (63.8)
	2020	12,382	6,750 (54.5)	182	55 (30.2)	437	159 (36.4)	2,559	1,121 (43.8)	3,673	1,948 (53.0)	3,250	1,941 (59.7)	1,809	1,196 (66.1)	472	330 (69.9)
	2019	12,937	6,944 (53.7)	197	48 (24.4)	515	194 (37.7)	2,715	1,206 (44.4)	3,804	1,933 (50.8)	3,460	2,075 (60.0)	1,806	1,172 (64.9)	440	♥316 (71.8)
	2018	13,507	7,193 (53.3)	185	57 (30.8)	557	182 (32.7)	2,993	1,250 (41.8)	4,108	2,191 (53.3)	3,424	2,060 (60.2)	1,786	1,133 (63.4)	454	♥320 (70.5)
	2017	14,424	7,614 (52.8)	222	64 (28.8)	634	221 (34.9)	3,251	1,347 (41.4)	4,345	2,265 (52.1)	3,725	2,259 (60.6)	1,740	1,096 (63.0)	507	♥362 (71.4)
	2016	15,160	8,039 (53.0)	216	66 (30.6)	716	235 (32.8)	3,599	1,504 (41.8)	4,619	2,400 (52.0)	3,777	2,351 (62.2)	1,775	1,162 (65.5)	458	♥321 (70.1)
	2015	15,487	8,166 (52.7)	299	94 (31.4)	738	247 (33.5)	3,830	1,584 (41.4)	4,787	2,529 (52.8)	3,746	2,346 (62.6)	1,645	1,068 (64.9)	442	298 (67.4)

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

(.....) Percent not calculated for locations with less than 30 participants  
6/22/2022

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Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Metro</b>																	
6 months	2021	10,723	4,233 (39.5)	165	34 (20.6)	412	92 (22.3)	2,135	620 (29.0)	3,083	1,160 (37.6)	2,841	1,275 (44.9)	1,676	840 (50.1)	411	212 (51.6)
	2020	12,139	5,044 (41.6)	181	41 (22.7)	420	98 (23.3)	2,500	743 (29.7)	3,602	1,441 (40.0)	3,202	1,507 (47.1)	1,773	941 (53.1)	461	273 (59.2)
	2019	12,727	5,226 (41.1)	195	35 (17.9)	501	129 (25.7)	2,667	825 (30.9)	3,740	1,412 (37.8)	3,405	1,618 (47.5)	1,786	949 (53.1)	433	258 (59.6)
	2018	13,233	5,325 (40.2)	183	30 (16.4)	552	125 (22.6)	2,935	850 (29.0)	4,011	1,558 (38.8)	3,355	1,597 (47.6)	1,752	905 (51.7)	445	260 (58.4)
	2017	14,196	5,706 (40.2)	217	38 (17.5)	623	130 (20.9)	3,204	914 (28.5)	4,260	1,636 (38.4)	3,668	1,786 (48.7)	1,723	905 (52.5)	501	297 (59.3)
	2016	14,906	6,003 (40.3)	215	41 (19.1)	708	147 (20.8)	3,529	998 (28.3)	4,528	1,772 (39.1)	3,726	1,846 (49.5)	1,746	928 (53.2)	454	271 (59.7)
	2015	15,224	6,098 (40.1)	296	58 (19.6)	722	153 (21.2)	3,767	1,058 (28.1)	4,711	1,882 (39.9)	3,672	1,825 (49.7)	1,620	881 (54.4)	436	241 (55.3)
	<b>Metro</b>																
Metro	2021	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
	2020	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
	2019	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
	2018	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
	2017	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
	2016	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
	2015	Total	Total BF	17 and under	17 and under BF	18-19	18-19 BF	20-24	20-24 BF	25-29	25-29 BF	30-34	30-34 BF	35-39	35-39 BF	40 and above	40 and above BF
<b>Metro</b>																	
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	11,654	2,620 (22.5)	176	21 (11.9)	401	42 (10.5)	2,395	341 (14.2)	3,481	732 (21.0)	3,077	816 (26.5)	1,689	517 (30.6)	435	♥151 (34.7)
	2019	12,303	2,737 (22.2)	190	17 (8.9)	484	52 (10.7)	2,561	393 (15.3)	3,626	711 (19.6)	3,288	864 (26.3)	1,732	541 (31.2)	422	♥159 (37.7)
	2018	12,735	2,698 (21.2)	180	11 (6.1)	525	54 (10.3)	2,847	411 (14.4)	3,858	787 (20.4)	3,225	801 (24.8)	1,674	492 (29.4)	426	142 (33.3)
	2017	13,615	2,814 (20.7)	209	14 (6.7)	601	53 (8.8)	3,093	410 (13.3)	4,074	760 (18.7)	3,513	932 (26.5)	1,640	479 (29.2)	485	♥166 (34.2)
	2016	14,295	3,056 (21.4)	209	21 (10.0)	685	62 (9.1)	3,400	450 (13.2)	4,341	850 (19.6)	3,552	988 (27.8)	1,671	517 (30.9)	437	♥168 (38.4)
	2015	14,656	3,083 (21.0)	287	27 (9.4)	700	68 (9.7)	3,667	503 (13.7)	4,532	917 (20.2)	3,512	959 (27.3)	1,534	474 (30.9)	424	135 (31.8)
	<b>Northeast</b>																
initiation	2021	1,125	♥933 (82.9)	30	♥26 (86.7)	63	50 (79.4)	321	♥272 (84.7)	339	♥279 (82.3)	248	♥204 (82.3)	101	♥84 (83.2)	23	18 (****)
	2020	1,136	♥960 (84.5)	16	14 (****)	82	66 (80.5)	336	♥285 (84.8)	363	♥308 (84.8)	217	♥185 (85.3)	94	♥80 (85.1)	28	22 (****)
	2019	1,278	♥1,098 (85.9)	19	18 (****)	73	♥61 (83.6)	393	♥337 (85.8)	382	♥331 (86.6)	266	♥230 (86.5)	120	98 (81.7)	25	23 (****)
	2018	1,304	♥1,095 (84.0)	21	17 (****)	78	♥67 (85.9)	362	♥316 (87.3)	418	♥349 (83.5)	277	223 (80.5)	133	♥109 (82.0)	15	14 (****)
	2017	1,427	♥1,207 (84.6)	31	♥29 (93.5)	98	77 (78.6)	437	♥371 (84.9)	441	♥381 (86.4)	271	♥226 (83.4)	127	♥105 (82.7)	22	18 (****)
	2016	1,437	♥1,202 (83.6)	31	♥27 (87.1)	83	67 (80.7)	446	♥376 (84.3)	452	♥386 (85.4)	295	♥246 (83.4)	107	82 (76.6)	23	18 (****)
	2015	1,547	♥1,286 (83.1)	33	26 (78.8)	101	♥88 (87.1)	506	411 (81.2)	475	♥404 (85.1)	291	238 (81.8)	100	♥82 (82.0)	41	♥37 (90.2)

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

(.....) Percent not calculated for locations with less than 30 participants  
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<b>Northeast</b>																	
2 weeks	2021	1,119	828 (74.0)	30	23 (76.7)	62	41 (66.1)	319	239 (74.9)	338	247 (73.1)	246	187 (76.0)	101	75 (74.3)	23	16 (****)
	2020	1,129	863 (76.4)	16	14 (****)	81	60 (74.1)	334	253 (75.7)	359	274 (76.3)	217	169 (77.9)	94	74 (78.7)	28	19 (****)
	2019	1,276	986 (77.3)	19	15 (****)	73	57 (78.1)	391	297 (76.0)	382	289 (75.7)	266	216 (81.2)	120	92 (76.7)	25	20 (****)
	2018	1,301	971 (74.6)	21	12 (****)	78	60 (76.9)	361	283 (78.4)	417	313 (75.1)	276	197 (71.4)	133	92 (69.2)	15	14 (****)
	2017	1,421	1,045 (73.5)	31	21 (67.7)	98	60 (61.2)	434	321 (74.0)	439	329 (74.9)	270	203 (75.2)	127	95 (74.8)	22	16 (****)
	2016	1,435	1,067 (74.4)	31	25 (80.6)	82	52 (63.4)	445	333 (74.8)	452	343 (75.9)	295	229 (77.6)	107	70 (65.4)	23	15 (****)
	2015	1,545	1,169 (75.7)	33	20 (60.6)	101	77 (76.2)	505	373 (73.9)	475	369 (77.7)	290	220 (75.9)	100	76 (76.0)	41	34 (82.9)
	<b>Northeast</b>																
2 months	2021	1,094	591 (54.0)	30	11 (36.7)	62	27 (43.5)	314	163 (51.9)	328	182 (55.5)	239	136 (56.9)	99	60 (60.6)	22	12 (****)
	2020	1,111	636 (57.2)	14	8 (****)	78	33 (42.3)	332	176 (53.0)	355	207 (58.3)	210	134 (63.8)	94	60 (63.8)	28	18 (****)
	2019	1,260	701 (55.6)	19	8 (****)	71	34 (47.9)	387	192 (49.6)	374	212 (56.7)	264	169 (64.0)	120	69 (57.5)	25	17 (****)
	2018	1,285	715 (55.6)	21	8 (****)	77	35 (45.5)	357	203 (56.9)	410	236 (57.6)	274	153 (55.8)	132	68 (51.5)	14	12 (****)
	2017	1,394	722 (51.8)	30	12 (40.0)	97	44 (45.4)	424	196 (46.2)	432	235 (54.4)	264	151 (57.2)	125	71 (56.8)	22	13 (****)
	2016	1,412	730 (51.7)	31	10 (32.3)	81	28 (34.6)	437	192 (43.9)	444	256 (57.7)	290	174 (60.0)	106	58 (54.7)	23	12 (****)
	2015	1,513	785 (51.9)	33	10 (30.3)	96	39 (40.6)	496	235 (47.4)	463	255 (55.1)	287	162 (56.4)	99	60 (60.6)	39	24 (61.5)
	<b>Northeast</b>																
3 months	2021	1,090	509 (46.7)	30	8 (26.7)	63	21 (33.3)	312	134 (42.9)	326	158 (48.5)	239	119 (49.8)	99	58 (58.6)	21	11 (****)
	2020	1,116	551 (49.4)	14	7 (****)	79	23 (29.1)	334	155 (46.4)	359	182 (50.7)	210	118 (56.2)	92	51 (55.4)	28	15 (****)
	2019	1,255	603 (48.0)	18	7 (****)	71	27 (38.0)	387	158 (40.8)	372	186 (50.0)	263	147 (55.9)	119	62 (52.1)	25	16 (****)
	2018	1,280	627 (49.0)	21	6 (****)	76	29 (38.2)	355	172 (48.5)	410	210 (51.2)	273	141 (51.6)	131	58 (44.3)	14	11 (****)
	2017	1,390	622 (44.7)	30	9 (30.0)	97	32 (33.0)	423	155 (36.6)	431	206 (47.8)	262	141 (53.8)	125	68 (54.4)	22	11 (****)
	2016	1,403	623 (44.4)	31	8 (25.8)	80	19 (23.8)	433	159 (36.7)	444	218 (49.1)	288	158 (54.9)	104	50 (48.1)	23	11 (****)
	2015	1,508	694 (46.0)	33	6 (18.2)	96	34 (35.4)	496	205 (41.3)	460	221 (48.0)	287	153 (53.3)	98	53 (54.1)	38	22 (57.9)
	<b>Northeast</b>																
6 months	2021	1,042	333 (32.0)	28	****	63	11 (17.5)	302	87 (28.8)	313	102 (32.6)	227	83 (36.6)	92	41 (44.6)	17	6 (****)
	2020	1,100	402 (36.5)	14	5 (****)	76	13 (17.1)	331	104 (31.4)	356	139 (39.0)	204	94 (46.1)	91	37 (40.7)	28	10 (****)
	2019	1,241	442 (35.6)	18	****	71	17 (23.9)	385	109 (28.3)	367	142 (38.7)	258	113 (43.8)	117	45 (38.5)	25	12 (****)
	2018	1,253	448 (35.8)	20	****	73	16 (21.9)	345	112 (32.5)	405	158 (39.0)	266	107 (40.2)	130	42 (32.3)	14	11 (****)
	2017	1,372	447 (32.6)	30	****	97	19 (19.6)	415	96 (23.1)	425	154 (36.2)	260	116 (44.6)	124	50 (40.3)	21	9 (****)
	2016	1,366	443 (32.4)	30	5 (16.7)	80	14 (17.5)	420	96 (22.9)	426	146 (34.3)	284	128 (45.1)	103	44 (42.7)	23	10 (****)
	2015	1,476	526 (35.6)	33	****	95	22 (23.2)	478	143 (29.9)	454	165 (36.3)	283	128 (45.2)	96	45 (46.9)	37	19 (51.4)

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

(.....) Percent not calculated for locations with less than 30 participants  
6/22/2022

## Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program by Age of the Mother and Region, 2015 to 2021

Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Northeast</b>																	
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	1,065	244 (22.9)	13	****	73	6 (8.2)	319	57 (17.9)	349	81 (23.2)	196	62 (31.6)	88	27 (30.7)	27	8 (****)
	2019	1,196	262 (21.9)	18	****	67	6 (9.0)	371	56 (15.1)	354	87 (24.6)	252	68 (27.0)	111	34 (30.6)	23	9 (****)
	2018	1,213	274 (22.6)	20	****	71	7 (9.9)	338	61 (18.0)	387	88 (22.7)	254	72 (28.3)	129	34 (26.4)	14	10 (****)
	2017	1,308	227 (17.4)	30	****	95	11 (11.6)	400	44 (11.0)	403	85 (21.1)	242	57 (23.6)	118	24 (20.3)	20	5 (****)
	2016	1,312	244 (18.6)	29	****	78	7 (9.0)	410	45 (11.0)	406	74 (18.2)	268	83 (31.0)	98	25 (25.5)	23	8 (****)
	2015	1,420	285 (20.1)	33	****	89	6 (6.7)	466	73 (15.7)	434	101 (23.3)	271	69 (25.5)	93	24 (25.8)	34	11 (32.4)
<b>Northwest</b>																	
initiation	2021	882	638 (72.3)	20	9 (****)	46	34 (73.9)	251	178 (70.9)	264	199 (75.4)	197	144 (73.1)	89	65 (73.0)	15	9 (****)
	2020	861	641 (74.4)	9	6 (****)	55	38 (69.1)	241	182 (75.5)	283	213 (75.3)	187	144 (77.0)	74	49 (66.2)	12	9 (****)
	2019	1,019	772 (75.8)	17	9 (****)	63	46 (73.0)	301	221 (73.4)	332	258 (77.7)	196	159 (81.1)	97	69 (71.1)	13	10 (****)
	2018	1,074	826 (76.9)	27	18 (****)	76	62 (81.6)	298	241 (80.9)	352	272 (77.3)	211	158 (74.9)	90	63 (70.0)	20	12 (****)
	2017	1,147	855 (74.5)	29	18 (****)	86	60 (69.8)	359	266 (74.1)	363	281 (77.4)	226	174 (77.0)	72	47 (65.3)	12	9 (****)
	2016	1,084	796 (73.4)	34	21 (61.8)	70	47 (67.1)	328	237 (72.3)	331	248 (74.9)	213	170 (79.8)	92	61 (66.3)	16	12 (****)
	2015	1,189	845 (71.1)	29	16 (****)	73	53 (72.6)	423	308 (72.8)	356	241 (67.7)	216	158 (73.1)	80	58 (72.5)	12	11 (****)
<b>Northwest</b>																	
2 weeks	2021	882	579 (65.6)	20	6 (****)	46	27 (58.7)	251	164 (65.3)	264	183 (69.3)	197	135 (68.5)	89	55 (61.8)	15	9 (****)
	2020	859	578 (67.3)	9	****	55	28 (50.9)	240	163 (67.9)	283	195 (68.9)	186	134 (72.0)	74	46 (62.2)	12	9 (****)
	2019	1,016	674 (66.3)	17	8 (****)	63	35 (55.6)	301	190 (63.1)	330	231 (70.0)	196	142 (72.4)	96	59 (61.5)	13	9 (****)
	2018	1,072	715 (66.7)	27	15 (****)	76	48 (63.2)	296	207 (69.9)	352	236 (67.0)	211	138 (65.4)	90	60 (66.7)	20	11 (****)
	2017	1,143	748 (65.4)	28	15 (****)	86	51 (59.3)	357	224 (62.7)	362	250 (69.1)	226	157 (69.5)	72	42 (58.3)	12	9 (****)
	2016	1,084	720 (66.4)	34	19 (55.9)	70	35 (50.0)	328	216 (65.9)	331	214 (64.7)	213	164 (77.0)	92	60 (65.2)	16	12 (****)
	2015	1,188	748 (63.0)	29	16 (****)	73	42 (57.5)	423	270 (63.8)	356	210 (59.0)	215	145 (67.4)	80	55 (68.8)	12	10 (****)
<b>Northwest</b>																	
2 months	2021	876	438 (50.0)	20	****	45	11 (24.4)	249	117 (47.0)	263	147 (55.9)	195	104 (53.3)	89	47 (52.8)	15	9 (****)
	2020	851	426 (50.1)	9	****	55	19 (34.5)	237	99 (41.8)	281	147 (52.3)	186	116 (62.4)	72	36 (50.0)	11	7 (****)
	2019	1,009	486 (48.2)	17	5 (****)	63	20 (31.7)	300	131 (43.7)	324	166 (51.2)	196	109 (55.6)	96	48 (50.0)	13	7 (****)
	2018	1,048	497 (47.4)	27	10 (****)	75	31 (41.3)	286	133 (46.5)	346	165 (47.7)	206	103 (50.0)	89	45 (50.6)	19	10 (****)
	2017	1,127	520 (46.1)	27	9 (****)	84	32 (38.1)	351	151 (43.0)	357	172 (48.2)	224	116 (51.8)	72	34 (47.2)	12	6 (****)
	2016	1,070	514 (48.0)	34	15 (44.1)	70	19 (27.1)	320	130 (40.6)	329	156 (47.4)	209	129 (61.7)	92	55 (59.8)	16	10 (****)
	2015	1,175	508 (43.2)	28	11 (****)	72	18 (25.0)	419	164 (39.1)	352	155 (44.0)	213	111 (52.1)	79	40 (50.6)	12	9 (****)

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Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Northwest</b>																	
3 months	2021	873	390 (44.7)	20	****	45	10 (22.2)	249	98 (39.4)	262	133 (50.8)	195	95 (48.7)	87	42 (48.3)	15	9 (****)
	2020	850	371 (43.6)	9	****	55	14 (25.5)	237	82 (34.6)	281	135 (48.0)	185	99 (53.5)	71	33 (46.5)	12	7 (****)
	2019	1,005	417 (41.5)	17	5 (****)	63	16 (25.4)	300	110 (36.7)	321	142 (44.2)	195	96 (49.2)	96	42 (43.8)	13	6 (****)
	2018	1,043	427 (40.9)	27	9 (****)	75	25 (33.3)	284	108 (38.0)	345	144 (41.7)	204	93 (45.6)	89	39 (43.8)	19	9 (****)
	2017	1,124	458 (40.7)	26	7 (****)	83	29 (34.9)	351	135 (38.5)	357	148 (41.5)	223	106 (47.5)	72	28 (38.9)	12	5 (****)
	2016	1,069	468 (43.8)	34	11 (32.4)	70	18 (25.7)	320	111 (34.7)	329	143 (43.5)	208	123 (59.1)	92	53 (57.6)	16	9 (****)
	2015	1,172	439 (37.5)	28	9 (****)	72	10 (13.9)	416	139 (33.4)	352	135 (38.4)	213	98 (46.0)	79	40 (50.6)	12	8 (****)
	<b>Northwest</b>																
6 months	2021	835	270 (32.3)	20	****	44	8 (18.2)	236	56 (23.7)	253	102 (40.3)	185	69 (37.3)	83	28 (33.7)	14	6 (****)
	2020	842	291 (34.6)	9	****	54	12 (22.2)	234	56 (23.9)	279	103 (36.9)	183	81 (44.3)	71	31 (43.7)	12	7 (****)
	2019	999	329 (32.9)	17	5 (****)	63	13 (20.6)	299	84 (28.1)	318	115 (36.2)	194	78 (40.2)	95	31 (32.6)	13	****
	2018	1,032	313 (30.3)	27	7 (****)	75	11 (14.7)	282	78 (27.7)	339	104 (30.7)	201	73 (36.3)	89	31 (34.8)	19	9 (****)
	2017	1,112	342 (30.8)	26	****	81	17 (21.0)	345	93 (27.0)	355	117 (33.0)	222	84 (37.8)	72	24 (33.3)	11	****
	2016	1,055	339 (32.1)	33	7 (21.2)	68	8 (11.8)	315	77 (24.4)	326	103 (31.6)	206	94 (45.6)	91	41 (45.1)	16	9 (****)
	2015	1,159	299 (25.8)	28	****	72	6 (8.3)	412	95 (23.1)	347	88 (25.4)	211	69 (32.7)	79	32 (40.5)	10	5 (****)
	<b>Northwest</b>																
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	825	167 (20.2)	9	0	53	6 (11.3)	228	29 (12.7)	272	54 (19.9)	182	54 (29.7)	69	20 (29.0)	12	****
	2019	976	201 (20.6)	16	****	61	7 (11.5)	293	49 (16.7)	310	67 (21.6)	188	51 (27.1)	95	22 (23.2)	13	****
	2018	1,003	168 (16.7)	27	5 (****)	73	****	277	40 (14.4)	329	52 (15.8)	191	41 (21.5)	89	21 (23.6)	17	5 (****)
	2017	1,079	182 (16.9)	25	****	78	8 (10.3)	339	45 (13.3)	345	66 (19.1)	212	49 (23.1)	69	11 (15.9)	11	****
	2016	1,013	185 (18.3)	33	****	66	5 (7.6)	305	35 (11.5)	311	53 (17.0)	199	63 (31.7)	85	22 (25.9)	14	5 (****)
	2015	1,130	164 (14.5)	27	****	71	****	401	49 (12.2)	339	48 (14.2)	205	35 (17.1)	77	22 (28.6)	10	****
	<b>South Central</b>																
initiation	2021	1,240	952 (76.8)	19	13 (****)	47	31 (66.0)	343	263 (76.7)	391	295 (75.4)	287	233 (81.2)	123	96 (78.0)	30	21 (70.0)
	2020	1,264	1,020 (80.7)	24	20 (****)	58	47 (81.0)	364	284 (78.0)	384	310 (80.7)	257	206 (80.2)	145	♥125 (86.2)	32	♥28 (87.5)
	2019	1,366	1,104 (80.8)	17	15 (****)	66	49 (74.2)	425	327 (76.9)	435	347 (79.8)	253	♥215 (85.0)	134	♥120 (89.6)	36	♥31 (86.1)
	2018	1,443	♥1,188 (82.3)	24	17 (****)	88	♥76 (86.4)	426	338 (79.3)	433	♥363 (83.8)	325	♥272 (83.7)	120	♥100 (83.3)	27	22 (****)
	2017	1,454	1,176 (80.9)	18	11 (****)	87	68 (78.2)	457	373 (81.6)	448	♥371 (82.8)	301	237 (78.7)	118	96 (81.4)	25	20 (****)
	2016	1,558	♥1,287 (82.6)	22	18 (****)	90	70 (77.8)	457	370 (81.0)	492	♥405 (82.3)	335	♥286 (85.4)	140	♥119 (85.0)	22	19 (****)
	2015	1,611	1,297 (80.5)	32	♥27 (84.4)	105	84 (80.0)	488	382 (78.3)	502	408 (81.3)	335	274 (81.8)	132	108 (81.8)	17	14 (****)

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

(....) Percent not calculated for locations with less than 30 participants  
6/22/2022



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<b>South Central</b>																	
2 weeks	2021	1,238	849 (68.6)	19	10 (****)	46	29 (63.0)	342	230 (67.3)	391	264 (67.5)	287	207 (72.1)	123	91 (74.0)	30	18 (60.0)
	2020	1,259	918 (72.9)	23	15 (****)	58	39 (67.2)	364	254 (69.8)	381	280 (73.5)	257	191 (74.3)	145	113 (77.9)	31	26 (83.9)
	2019	1,364	985 (72.2)	17	13 (****)	66	39 (59.1)	425	286 (67.3)	434	311 (71.7)	252	198 (78.6)	134	108 (80.6)	36	30 (83.3)
	2018	1,442	1,043 (72.3)	24	14 (****)	88	59 (67.0)	426	292 (68.5)	433	321 (74.1)	325	246 (75.7)	120	93 (77.5)	26	18 (****)
	2017	1,451	1,079 (74.4)	18	8 (****)	87	59 (67.8)	455	334 (73.4)	447	343 (76.7)	301	224 (74.4)	118	91 (77.1)	25	20 (****)
	2016	1,557	1,128 (72.4)	22	17 (****)	90	62 (68.9)	456	319 (70.0)	492	356 (72.4)	335	249 (74.3)	140	108 (77.1)	22	17 (****)
	2015	1,610	1,143 (71.0)	32	20 (62.5)	105	70 (66.7)	488	328 (67.2)	501	368 (73.5)	335	250 (74.6)	132	95 (72.0)	17	12 (****)
	<b>South Central</b>																
2 months	2021	1,226	648 (52.9)	19	****	46	18 (39.1)	334	164 (49.1)	389	209 (53.7)	285	164 (57.5)	123	74 (60.2)	30	16 (53.3)
	2020	1,239	687 (55.4)	23	9 (****)	57	25 (43.9)	357	182 (51.0)	373	208 (55.8)	256	153 (59.8)	142	89 (62.7)	31	21 (67.7)
	2019	1,344	714 (53.1)	17	7 (****)	65	19 (29.2)	413	193 (46.7)	427	233 (54.6)	252	153 (60.7)	134	87 (64.9)	36	22 (61.1)
	2018	1,412	729 (51.6)	24	11 (****)	87	33 (37.9)	419	193 (46.1)	421	227 (53.9)	318	179 (56.3)	117	72 (61.5)	26	14 (****)
	2017	1,426	706 (49.5)	18	5 (****)	87	32 (36.8)	452	210 (46.5)	432	205 (47.5)	295	163 (55.3)	117	73 (62.4)	25	18 (****)
	2016	1,532	753 (49.2)	22	5 (****)	89	35 (39.3)	449	188 (41.9)	480	245 (51.0)	331	178 (53.8)	139	88 (63.3)	22	14 (****)
	2015	1,587	776 (48.9)	31	5 (16.1)	103	34 (33.0)	482	193 (40.0)	492	269 (54.7)	333	184 (55.3)	129	81 (62.8)	17	10 (****)
	<b>South Central</b>																
3 months	2021	1,218	562 (46.1)	19	****	45	14 (31.1)	332	135 (40.7)	385	182 (47.3)	284	147 (51.8)	123	70 (56.9)	30	13 (43.3)
	2020	1,237	598 (48.3)	23	7 (****)	57	24 (42.1)	358	154 (43.0)	373	183 (49.1)	253	130 (51.4)	142	79 (55.6)	31	21 (67.7)
	2019	1,343	627 (46.7)	17	5 (****)	65	17 (26.2)	413	172 (41.6)	426	200 (46.9)	252	139 (55.2)	134	73 (54.5)	36	21 (58.3)
	2018	1,407	631 (44.8)	24	8 (****)	86	26 (30.2)	418	167 (40.0)	419	193 (46.1)	317	159 (50.2)	116	64 (55.2)	27	14 (****)
	2017	1,414	618 (43.7)	17	****	86	28 (32.6)	451	182 (40.4)	425	176 (41.4)	293	147 (50.2)	117	64 (54.7)	25	18 (****)
	2016	1,524	640 (42.0)	22	****	88	27 (30.7)	445	151 (33.9)	478	216 (45.2)	330	157 (47.6)	139	74 (53.2)	22	12 (****)
	2015	1,581	676 (42.8)	31	****	102	30 (29.4)	480	155 (32.3)	492	239 (48.6)	331	166 (50.2)	128	74 (57.8)	17	9 (****)
	<b>South Central</b>																
6 months	2021	1,156	400 (34.6)	19	****	44	8 (18.2)	317	90 (28.4)	364	136 (37.4)	266	109 (41.0)	116	44 (37.9)	30	12 (40.0)
	2020	1,222	440 (36.0)	23	5 (****)	57	14 (24.6)	350	107 (30.6)	369	135 (36.6)	251	103 (41.0)	141	59 (41.8)	31	17 (54.8)
	2019	1,324	469 (35.4)	16	0	63	10 (15.9)	406	120 (29.6)	424	154 (36.3)	249	111 (44.6)	131	57 (43.5)	35	17 (48.6)
	2018	1,381	466 (33.7)	24	****	85	17 (20.0)	414	121 (29.2)	411	152 (37.0)	306	111 (36.3)	114	48 (42.1)	27	14 (****)
	2017	1,393	421 (30.2)	17	****	86	12 (14.0)	444	112 (25.2)	415	119 (28.7)	289	110 (38.1)	117	51 (43.6)	25	16 (****)
	2016	1,507	467 (31.0)	22	****	87	15 (17.2)	439	100 (22.8)	473	157 (33.2)	328	127 (38.7)	137	59 (43.1)	21	8 (****)
	2015	1,565	472 (30.2)	31	****	102	20 (19.6)	473	103 (21.8)	484	160 (33.1)	331	123 (37.2)	127	56 (44.1)	17	8 (****)

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<b>South Central</b>																	
12 months	2021	not	available	not	available	not	available	not	available	not	available	not	available	not	available	not	available
	2020	1,184	246 (20.8)	21	****	56	****	333	49 (14.7)	361	80 (22.2)	244	59 (24.2)	139	41 (29.5)	30	♥11 (36.7)
	2019	1,279	257 (20.1)	16	0	62	****	390	55 (14.1)	414	97 (23.4)	237	57 (24.1)	127	34 (26.8)	33	10 (30.3)
	2018	1,328	255 (19.2)	24	****	80	8 (10.0)	402	53 (13.2)	381	78 (20.5)	302	76 (25.2)	112	28 (25.0)	27	10 (****)
	2017	1,345	215 (16.0)	17	0	84	5 (6.0)	425	47 (11.1)	400	61 (15.3)	279	59 (21.1)	115	31 (27.0)	25	12 (****)
	2016	1,472	240 (16.3)	22	****	87	9 (10.3)	433	54 (12.5)	455	71 (15.6)	318	67 (21.1)	136	32 (23.5)	21	6 (****)
	2015	1,515	239 (15.8)	29	0	99	13 (13.1)	456	44 (9.6)	470	84 (17.9)	320	62 (19.4)	124	28 (22.6)	17	8 (****)
<b>Southeast</b>																	
initiation	2021	2,028	♥1,671 (82.4)	39	♥32 (82.1)	79	63 (79.7)	507	407 (80.3)	551	♥454 (82.4)	508	♥427 (84.1)	283	♥238 (84.1)	61	♥50 (82.0)
	2020	2,133	♥1,812 (85.0)	38	♥32 (84.2)	108	♥91 (84.3)	493	♥418 (84.8)	679	♥579 (85.3)	507	♥428 (84.4)	248	♥209 (84.3)	60	♥55 (91.7)
	2019	2,342	♥2,044 (87.3)	43	♥42 (97.7)	120	♥106 (88.3)	580	♥506 (87.2)	726	♥620 (85.4)	571	♥502 (87.9)	249	♥220 (88.4)	53	♥48 (90.6)
	2018	2,284	♥1,985 (86.9)	34	♥28 (82.4)	112	♥96 (85.7)	576	♥502 (87.2)	738	♥639 (86.6)	522	♥462 (88.5)	255	♥216 (84.7)	47	♥42 (89.4)
	2017	2,516	♥2,130 (84.7)	32	22 (68.8)	121	♥105 (86.8)	686	♥578 (84.3)	787	♥670 (85.1)	580	♥490 (84.5)	246	♥205 (83.3)	64	♥60 (93.8)
	2016	2,619	♥2,217 (84.7)	51	40 (78.4)	147	♥122 (83.0)	720	♥607 (84.3)	826	♥693 (83.9)	594	♥509 (85.7)	223	♥193 (86.5)	58	♥53 (91.4)
	2015	2,691	♥2,270 (84.4)	51	41 (80.4)	159	♥135 (84.9)	793	♥668 (84.2)	836	♥699 (83.6)	570	♥482 (84.6)	255	♥222 (87.1)	27	23 (****)
<b>Southeast</b>																	
2 weeks	2021	2,006	1,518 (75.7)	38	24 (63.2)	73	52 (71.2)	501	368 (73.5)	546	408 (74.7)	506	398 (78.7)	281	219 (77.9)	61	49 (80.3)
	2020	2,109	1,620 (76.8)	37	24 (64.9)	108	68 (63.0)	490	369 (75.3)	670	523 (78.1)	499	394 (79.0)	245	189 (77.1)	60	53 (88.3)
	2019	2,313	1,806 (78.1)	42	31 (73.8)	120	89 (74.2)	573	434 (75.7)	722	557 (77.1)	559	443 (79.2)	244	206 (84.4)	53	46 (86.8)
	2018	2,249	1,736 (77.2)	34	26 (76.5)	110	73 (66.4)	566	419 (74.0)	721	551 (76.4)	518	418 (80.7)	253	207 (81.8)	47	42 (89.4)
	2017	2,489	1,874 (75.3)	32	16 (50.0)	119	88 (73.9)	680	492 (72.4)	779	590 (75.7)	574	443 (77.2)	242	188 (77.7)	63	57 (90.5)
	2016	2,602	1,994 (76.6)	51	30 (58.8)	147	102 (69.4)	714	526 (73.7)	819	630 (76.9)	591	476 (80.5)	222	179 (80.6)	58	51 (87.9)
	2015	2,678	2,012 (75.1)	50	32 (64.0)	157	108 (68.8)	789	569 (72.1)	833	624 (74.9)	568	449 (79.0)	254	207 (81.5)	27	23 (****)
<b>Southeast</b>																	
2 months	2021	1,982	1,126 (56.8)	38	13 (34.2)	73	38 (52.1)	499	238 (47.7)	535	303 (56.6)	497	309 (62.2)	279	186 (66.7)	61	39 (63.9)
	2020	2,092	1,184 (56.6)	37	13 (35.1)	108	39 (36.1)	483	248 (51.3)	666	387 (58.1)	495	295 (59.6)	243	158 (65.0)	60	44 (73.3)
	2019	2,283	1,291 (56.5)	40	11 (27.5)	116	46 (39.7)	568	277 (48.8)	709	394 (55.6)	555	357 (64.3)	242	163 (67.4)	53	43 (81.1)
	2018	2,218	1,238 (55.8)	34	15 (44.1)	108	31 (28.7)	558	282 (50.5)	708	381 (53.8)	513	335 (65.3)	250	164 (65.6)	47	30 (63.8)
	2017	2,437	1,350 (55.4)	32	8 (25.0)	115	54 (47.0)	663	313 (47.2)	765	433 (56.6)	564	344 (61.0)	237	151 (63.7)	61	47 (77.0)
	2016	2,562	1,442 (56.3)	50	17 (34.0)	144	60 (41.7)	702	333 (47.4)	809	456 (56.4)	582	376 (64.6)	218	154 (70.6)	57	46 (80.7)
	2015	2,642	1,428 (54.0)	50	13 (26.0)	155	61 (39.4)	781	348 (44.6)	819	456 (55.7)	559	357 (63.9)	251	170 (67.7)	27	23 (****)

## Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program by Age of the Mother and Region, 2015 to 2021

Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Southeast</b>																	
3 months	2021	1,974	972 (49.2)	39	8 (20.5)	75	28 (37.3)	494	196 (39.7)	531	263 (49.5)	495	274 (55.4)	279	165 (59.1)	61	38 (62.3)
	2020	2,093	1,026 (49.0)	38	12 (31.6)	108	31 (28.7)	482	198 (41.1)	662	340 (51.4)	498	256 (51.4)	245	147 (60.0)	60	♥42 (70.0)
	2019	2,295	1,122 (48.9)	41	10 (24.4)	114	36 (31.6)	565	221 (39.1)	712	344 (48.3)	562	324 (57.7)	248	147 (59.3)	53	♥40 (75.5)
	2018	2,227	1,080 (48.5)	32	7 (21.9)	108	29 (26.9)	561	235 (41.9)	718	344 (47.9)	513	289 (56.3)	249	148 (59.4)	46	28 (60.9)
	2017	2,443	1,216 (49.8)	32	6 (18.8)	116	46 (39.7)	664	271 (40.8)	763	387 (50.7)	568	315 (55.5)	239	146 (61.1)	61	♥45 (73.8)
	2016	2,550	1,255 (49.2)	50	11 (22.0)	144	47 (32.6)	699	284 (40.6)	803	390 (48.6)	578	337 (58.3)	219	145 (66.2)	57	♥41 (71.9)
	2015	2,635	1,250 (47.4)	51	11 (21.6)	156	48 (30.8)	781	302 (38.7)	814	389 (47.8)	558	330 (59.1)	248	148 (59.7)	27	22 (****)
	<b>Southeast</b>																
6 months	2021	1,875	637 (34.0)	38	****	72	15 (20.8)	472	112 (23.7)	496	172 (34.7)	469	192 (40.9)	270	117 (43.3)	58	26 (44.8)
	2020	2,066	736 (35.6)	36	5 (13.9)	108	20 (18.5)	474	127 (26.8)	653	262 (40.1)	493	187 (37.9)	242	106 (43.8)	60	29 (48.3)
	2019	2,271	811 (35.7)	41	****	113	21 (18.6)	556	137 (24.6)	703	256 (36.4)	560	242 (43.2)	245	118 (48.2)	53	♥33 (62.3)
	2018	2,200	794 (36.1)	32	****	106	13 (12.3)	553	155 (28.0)	711	262 (36.8)	505	217 (43.0)	247	119 (48.2)	46	24 (52.2)
	2017	2,410	895 (37.1)	32	****	112	29 (25.9)	657	192 (29.2)	752	275 (36.6)	558	248 (44.4)	239	108 (45.2)	60	♥39 (65.0)
	2016	2,517	909 (36.1)	50	5 (10.0)	143	26 (18.2)	688	190 (27.6)	795	284 (35.7)	569	253 (44.5)	215	118 (54.9)	57	33 (57.9)
	2015	2,591	916 (35.4)	51	5 (9.8)	153	31 (20.3)	766	200 (26.1)	801	280 (35.0)	548	266 (48.5)	245	113 (46.1)	27	21 (****)
	<b>Southeast</b>																
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	2,016	387 (19.2)	35	****	104	8 (7.7)	470	66 (14.0)	630	137 (21.7)	485	104 (21.4)	235	54 (23.0)	57	15 (26.3)
	2019	2,210	479 (21.7)	41	****	110	10 (9.1)	547	73 (13.3)	679	158 (23.3)	540	137 (25.4)	241	74 (30.7)	52	♥25 (48.1)
	2018	2,129	396 (18.6)	30	****	106	9 (8.5)	537	72 (13.4)	685	126 (18.4)	490	107 (21.8)	237	65 (27.4)	44	♥16 (36.4)
	2017	2,328	457 (19.6)	31	****	107	14 (13.1)	627	89 (14.2)	734	143 (19.5)	537	128 (23.8)	234	64 (27.4)	58	18 (31.0)
	2016	2,421	454 (18.8)	49	****	139	13 (9.4)	662	82 (12.4)	765	131 (17.1)	550	136 (24.7)	201	♥69 (34.3)	55	♥21 (38.2)
	2015	2,500	485 (19.4)	50	****	148	12 (8.1)	742	96 (12.9)	778	140 (18.0)	525	158 (30.1)	232	65 (28.0)	25	11 (****)
	<b>Southwest</b>																
initiation	2021	1,107	896 (80.9)	32	21 (65.6)	73	59 (80.8)	279	213 (76.3)	325	♥273 (84.0)	252	♥209 (82.9)	125	♥105 (84.0)	21	16 (****)
	2020	1,194	♥999 (83.7)	27	22 (****)	76	61 (80.3)	325	♥270 (83.1)	386	♥331 (85.8)	247	♥206 (83.4)	109	88 (80.7)	24	21 (****)
	2019	1,246	1,001 (80.3)	23	17 (****)	75	58 (77.3)	330	264 (80.0)	384	293 (76.3)	284	♥239 (84.2)	118	♥106 (89.8)	32	24 (75.0)
	2018	1,306	♥1,070 (81.9)	22	16 (****)	80	♥67 (83.8)	347	♥288 (83.0)	433	♥356 (82.2)	278	223 (80.2)	123	♥101 (82.1)	23	19 (****)
	2017	1,368	♥1,132 (82.7)	25	21 (****)	85	68 (80.0)	367	♥302 (82.3)	453	♥384 (84.8)	295	239 (81.0)	125	♥105 (84.0)	18	13 (****)
	2016	1,435	♥1,185 (82.6)	29	20 (****)	79	♥66 (83.5)	407	327 (80.3)	446	♥377 (84.5)	328	♥270 (82.3)	115	♥96 (83.5)	31	♥29 (93.5)
	2015	1,414	1,143 (80.8)	37	♥31 (83.8)	84	♥69 (82.1)	428	344 (80.4)	437	353 (80.8)	310	249 (80.3)	92	♥76 (82.6)	26	21 (****)

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

## Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program by Age of the Mother and Region, 2015 to 2021

Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>Southwest</b>																	
2 weeks	2021	1,102	803 (72.9)	32	20 (62.5)	73	50 (68.5)	276	180 (65.2)	324	250 (77.2)	251	191 (76.1)	125	97 (77.6)	21	15 (****)
	2020	1,192	887 (74.4)	27	17 (****)	76	55 (72.4)	324	230 (71.0)	386	299 (77.5)	246	186 (75.6)	109	81 (74.3)	24	19 (****)
	2019	1,243	898 (72.2)	23	14 (****)	74	51 (68.9)	330	225 (68.2)	384	273 (71.1)	283	220 (77.7)	117	95 (81.2)	32	20 (62.5)
	2018	1,302	962 (73.9)	22	14 (****)	80	55 (68.8)	344	263 (76.5)	432	318 (73.6)	278	200 (71.9)	123	95 (77.2)	23	17 (****)
	2017	1,365	1,024 (75.0)	25	20 (****)	84	58 (69.0)	367	276 (75.2)	451	339 (75.2)	295	221 (74.9)	125	98 (78.4)	18	12 (****)
	2016	1,433	1,061 (74.0)	29	17 (****)	79	57 (72.2)	406	284 (70.0)	445	343 (77.1)	328	246 (75.0)	115	89 (77.4)	31	25 (80.6)
	2015	1,414	1,025 (72.5)	37	28 (75.7)	84	55 (65.5)	428	303 (70.8)	437	329 (75.3)	310	221 (71.3)	92	68 (73.9)	26	21 (****)
	<b>Southwest</b>																
2 months	2021	1,092	591 (54.1)	31	8 (25.8)	72	32 (44.4)	273	113 (41.4)	322	185 (57.5)	249	155 (62.2)	124	84 (67.7)	21	14 (****)
	2020	1,177	679 (57.7)	27	12 (****)	74	30 (40.5)	316	159 (50.3)	382	241 (63.1)	246	152 (61.8)	108	69 (63.9)	24	16 (****)
	2019	1,231	676 (54.9)	23	6 (****)	73	26 (35.6)	328	162 (49.4)	380	215 (56.6)	278	179 (64.4)	117	71 (60.7)	32	17 (53.1)
	2018	1,290	702 (54.4)	22	8 (****)	80	30 (37.5)	339	178 (52.5)	427	236 (55.3)	276	162 (58.7)	123	76 (61.8)	23	12 (****)
	2017	1,357	747 (55.0)	25	9 (****)	83	36 (43.4)	364	187 (51.4)	448	255 (56.9)	294	171 (58.2)	125	81 (64.8)	18	8 (****)
	2016	1,416	722 (51.0)	29	8 (****)	79	31 (39.2)	399	183 (45.9)	438	234 (53.4)	325	177 (54.5)	115	71 (61.7)	31	18 (58.1)
	2015	1,405	732 (52.1)	37	17 (45.9)	84	36 (42.9)	422	194 (46.0)	434	231 (53.2)	310	182 (58.7)	92	54 (58.7)	26	18 (****)
	<b>Southwest</b>																
3 months	2021	1,089	510 (46.8)	31	****	71	24 (33.8)	273	99 (36.3)	321	159 (49.5)	249	134 (53.8)	123	78 (63.4)	21	12 (****)
	2020	1,177	591 (50.2)	27	12 (****)	73	25 (34.2)	317	136 (42.9)	381	207 (54.3)	247	140 (56.7)	108	58 (53.7)	24	13 (****)
	2019	1,225	596 (48.7)	22	5 (****)	71	23 (32.4)	327	145 (44.3)	379	188 (49.6)	276	156 (56.5)	118	65 (55.1)	32	14 (43.8)
	2018	1,283	604 (47.1)	22	7 (****)	79	26 (32.9)	334	145 (43.4)	427	205 (48.0)	275	145 (52.7)	123	66 (53.7)	23	10 (****)
	2017	1,358	655 (48.2)	25	****	84	30 (35.7)	364	154 (42.3)	448	229 (51.1)	294	159 (54.1)	125	72 (57.6)	18	7 (****)
	2016	1,412	625 (44.3)	29	5 (****)	79	26 (32.9)	398	152 (38.2)	436	201 (46.1)	324	159 (49.1)	115	64 (55.7)	31	18 (58.1)
	2015	1,404	630 (44.9)	37	14 (37.8)	84	30 (35.7)	422	156 (37.0)	433	197 (45.5)	310	168 (54.2)	92	49 (53.3)	26	16 (****)
	<b>Southwest</b>																
6 months	2021	1,040	333 (32.0)	30	****	69	12 (17.4)	259	56 (21.6)	310	108 (34.8)	238	94 (39.5)	114	51 (44.7)	20	10 (****)
	2020	1,151	406 (35.3)	27	8 (****)	68	15 (22.1)	310	89 (28.7)	375	134 (35.7)	241	104 (43.2)	106	45 (42.5)	24	11 (****)
	2019	1,212	420 (34.7)	22	0	71	16 (22.5)	323	97 (30.0)	375	128 (34.1)	271	113 (41.7)	118	54 (45.8)	32	12 (37.5)
	2018	1,274	438 (34.4)	21	****	78	17 (21.8)	330	97 (29.4)	425	148 (34.8)	274	111 (40.5)	123	55 (44.7)	23	8 (****)
	2017	1,342	468 (34.9)	25	****	82	22 (26.8)	360	109 (30.3)	440	157 (35.7)	293	121 (41.3)	124	52 (41.9)	18	5 (****)
	2016	1,390	450 (32.4)	29	****	77	12 (15.6)	389	99 (25.4)	433	143 (33.0)	319	125 (39.2)	113	52 (46.0)	30	15 (50.0)
	2015	1,391	458 (32.9)	37	6 (16.2)	83	20 (24.1)	418	108 (25.8)	429	149 (34.7)	308	124 (40.3)	91	40 (44.0)	25	11 (****)

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<b>Southwest</b>																	
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	1,137	250 (22.0)	27	****	68	10 (14.7)	307	56 (18.2)	370	92 (24.9)	235	57 (24.3)	106	26 (24.5)	24	5 (****)
	2019	1,184	210 (17.7)	22	0	69	7 (10.1)	313	36 (11.5)	364	69 (19.0)	267	62 (23.2)	117	28 (23.9)	32	8 (25.0)
	2018	1,243	234 (18.8)	21	****	76	9 (11.8)	323	51 (15.8)	412	75 (18.2)	269	66 (24.5)	119	28 (23.5)	23	****
	2017	1,306	230 (17.6)	25	0	80	7 (8.8)	349	50 (14.3)	430	80 (18.6)	284	61 (21.5)	121	30 (24.8)	17	****
	2016	1,360	219 (16.1)	28	****	76	5 (6.6)	381	46 (12.1)	423	71 (16.8)	313	59 (18.8)	109	26 (23.9)	30	♥11 (36.7)
	2015	1,357	209 (15.4)	36	****	81	8 (9.9)	406	53 (13.1)	419	67 (16.0)	302	56 (18.5)	89	20 (22.5)	24	****
<b>West Central</b>																	
initiation	2021	1,060	♥881 (83.1)	23	19 (****)	51	♥42 (82.4)	269	♥221 (82.2)	322	261 (81.1)	245	♥206 (84.1)	125	♥108 (86.4)	25	24 (****)
	2020	1,045	♥864 (82.7)	12	11 (****)	55	41 (74.5)	235	187 (79.6)	340	♥291 (85.6)	283	227 (80.2)	96	♥83 (86.5)	24	24 (****)
	2019	1,185	♥995 (84.0)	14	13 (****)	57	46 (80.7)	285	♥239 (83.9)	378	♥318 (84.1)	267	♥230 (86.1)	155	122 (78.7)	29	27 (****)
	2018	1,233	♥1,047 (84.9)	20	10 (****)	53	♥45 (84.9)	326	♥283 (86.8)	377	♥322 (85.4)	295	♥246 (83.4)	126	♥108 (85.7)	36	♥33 (91.7)
	2017	1,293	♥1,060 (82.0)	19	16 (****)	74	♥63 (85.1)	350	282 (80.6)	455	♥376 (82.6)	255	208 (81.6)	116	95 (81.9)	24	20 (****)
	2016	1,371	♥1,135 (82.8)	20	15 (****)	78	58 (74.4)	374	♥310 (82.9)	445	356 (80.0)	293	♥258 (88.1)	131	♥111 (84.7)	30	♥27 (90.0)
	2015	1,415	1,149 (81.2)	20	15 (****)	82	65 (79.3)	412	327 (79.4)	487	♥412 (84.6)	290	228 (78.6)	103	♥86 (83.5)	21	16 (****)
<b>West Central</b>																	
2 weeks	2021	1,060	797 (75.2)	23	14 (****)	51	37 (72.5)	269	200 (74.3)	322	237 (73.6)	245	187 (76.3)	125	99 (79.2)	25	23 (****)
	2020	1,043	777 (74.5)	12	9 (****)	55	36 (65.5)	233	166 (71.2)	340	259 (76.2)	283	204 (72.1)	96	80 (83.3)	24	23 (****)
	2019	1,185	893 (75.4)	14	12 (****)	57	39 (68.4)	285	209 (73.3)	378	289 (76.5)	267	215 (80.5)	155	105 (67.7)	29	24 (****)
	2018	1,230	937 (76.2)	20	8 (****)	53	35 (66.0)	325	248 (76.3)	375	295 (78.7)	295	222 (75.3)	126	98 (77.8)	36	31 (86.1)
	2017	1,290	950 (73.6)	19	9 (****)	74	54 (73.0)	350	248 (70.9)	453	336 (74.2)	254	194 (76.4)	116	91 (78.4)	24	18 (****)
	2016	1,370	1,015 (74.1)	20	11 (****)	77	44 (57.1)	374	277 (74.1)	445	315 (70.8)	293	241 (82.3)	131	100 (76.3)	30	27 (90.0)
	2015	1,412	1,032 (73.1)	20	12 (****)	82	52 (63.4)	412	287 (69.7)	485	375 (77.3)	289	207 (71.6)	103	83 (80.6)	21	16 (****)
<b>West Central</b>																	
2 months	2021	1,038	593 (57.1)	22	****	51	19 (37.3)	265	138 (52.1)	315	186 (59.0)	240	144 (60.0)	120	82 (68.3)	25	21 (****)
	2020	1,035	583 (56.3)	12	****	54	20 (37.0)	232	128 (55.2)	336	190 (56.5)	281	155 (55.2)	96	66 (68.8)	24	20 (****)
	2019	1,167	665 (57.0)	14	7 (****)	56	20 (35.7)	278	143 (51.4)	373	219 (58.7)	263	169 (64.3)	154	86 (55.8)	29	21 (****)
	2018	1,213	660 (54.4)	20	5 (****)	53	16 (30.2)	317	150 (47.3)	371	217 (58.5)	292	172 (58.9)	124	73 (58.9)	36	27 (75.0)
	2017	1,274	672 (52.7)	19	5 (****)	72	29 (40.3)	344	154 (44.8)	448	249 (55.6)	254	158 (62.2)	114	67 (58.8)	23	10 (****)
	2016	1,355	709 (52.3)	20	****	77	17 (22.1)	369	170 (46.1)	438	229 (52.3)	291	186 (63.9)	130	81 (62.3)	30	22 (73.3)
	2015	1,402	712 (50.8)	20	****	82	30 (36.6)	409	176 (43.0)	482	271 (56.2)	286	153 (53.5)	103	68 (66.0)	20	10 (****)

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

## Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program by Age of the Mother and Region, 2015 to 2021

Minnesota WIC Information System

Breastfeeding by Mother's Age	Year	Total with Info <sup>1</sup>	Total BF <sup>2</sup>	< 17 Total	< 17 BF	18 - 19 Total	18 - 19 BF	20 - 24 Total	20 - 24 BF	25 - 29 Total	25 - 29 BF	30 - 34 Total	30 - 34 BF	35 - 39 Total	35 - 39 BF	40 + Total	40 + BF
<b>West Central</b>																	
3 months	2021	1,028	523 (50.9)	22	****	50	13 (26.0)	260	115 (44.2)	312	167 (53.5)	239	130 (54.4)	120	75 (62.5)	25	20 (****)
	2020	1,033	518 (50.1)	12	****	55	15 (27.3)	232	112 (48.3)	336	171 (50.9)	279	143 (51.3)	96	58 (60.4)	23	17 (****)
	2019	1,165	582 (50.0)	14	6 (****)	56	19 (33.9)	278	121 (43.5)	371	192 (51.8)	263	145 (55.1)	154	80 (51.9)	29	19 (****)
	2018	1,212	580 (47.9)	20	5 (****)	53	14 (26.4)	317	125 (39.4)	370	190 (51.4)	292	155 (53.1)	124	66 (53.2)	36	25 (69.4)
	2017	1,270	579 (45.6)	19	****	71	23 (32.4)	344	120 (34.9)	445	225 (50.6)	253	139 (54.9)	115	60 (52.2)	23	9 (****)
	2016	1,348	636 (47.2)	20	****	77	14 (18.2)	368	148 (40.2)	433	199 (46.0)	291	174 (59.8)	129	77 (59.7)	30	♥21 (70.0)
	2015	1,397	616 (44.1)	20	****	82	25 (30.5)	407	149 (36.6)	481	237 (49.3)	285	133 (46.7)	102	61 (59.8)	20	9 (****)
	<b>West Central</b>																
6 months	2021	991	362 (36.5)	22	****	48	5 (10.4)	256	78 (30.5)	297	117 (39.4)	228	90 (39.5)	115	54 (47.0)	25	16 (****)
	2020	1,027	397 (38.7)	12	****	54	8 (14.8)	230	82 (35.7)	336	137 (40.8)	276	112 (40.6)	96	47 (49.0)	23	9 (****)
	2019	1,152	437 (37.9)	14	****	54	13 (24.1)	274	81 (29.6)	370	150 (40.5)	258	113 (43.8)	153	63 (41.2)	29	13 (****)
	2018	1,194	433 (36.3)	20	****	51	11 (21.6)	312	81 (26.0)	366	145 (39.6)	287	119 (41.5)	122	53 (43.4)	36	20 (55.6)
	2017	1,256	425 (33.8)	18	0	70	15 (21.4)	342	87 (25.4)	438	165 (37.7)	251	107 (42.6)	114	43 (37.7)	23	8 (****)
	2016	1,329	467 (35.1)	20	****	76	11 (14.5)	365	97 (26.6)	431	149 (34.6)	283	132 (46.6)	125	59 (47.2)	29	17 (****)
	2015	1,383	433 (31.3)	20	****	81	15 (18.5)	404	94 (23.3)	474	175 (36.9)	285	97 (34.0)	99	45 (45.5)	20	6 (****)
	<b>West Central</b>																
12 months	2021	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available	not available
	2020	1,002	208 (20.8)	11	0	54	5 (9.3)	220	38 (17.3)	325	69 (21.2)	274	67 (24.5)	95	23 (24.2)	23	6 (****)
	2019	1,130	247 (21.9)	13	****	52	9 (17.3)	270	46 (17.0)	362	78 (21.5)	257	68 (26.5)	147	38 (25.9)	29	7 (****)
	2018	1,164	234 (20.1)	20	****	50	6 (12.0)	301	38 (12.6)	357	86 (24.1)	282	68 (24.1)	118	21 (17.8)	36	♥13 (36.1)
	2017	1,226	219 (17.9)	18	0	69	11 (15.9)	334	41 (12.3)	427	78 (18.3)	242	57 (23.6)	113	27 (23.9)	23	5 (****)
	2016	1,294	252 (19.5)	20	****	75	6 (8.0)	355	48 (13.5)	420	75 (17.9)	272	78 (28.7)	124	38 (30.6)	28	6 (****)
	2015	1,353	214 (15.8)	20	****	77	8 (10.4)	398	36 (9.0)	463	92 (19.9)	280	48 (17.1)	95	26 (27.4)	20	****

<b>Breastfeeding Benchmark References</b>	<b>Breastfeeding Initiation</b>	<b>Breastfeeding at Three months</b>	<b>Breastfeeding at Six months</b>	<b>Breastfeeding at Twelve months</b>
<b>Healthy People 2020 Objectives</b> * Percent met Healthy People 2020 Objective	81.9%		60.6%	34.1%
<b>Minnesota WIC Program 2020 Objective</b>		70.0%		
<b>National Immunization Survey Data Nationwide (Infants born in 2017)<sup>9</sup></b>	84.1%		58.3%	35.3%
<b>National Immunization Survey Data Minnesota (Infants born in 2017)<sup>9</sup></b>	95.3%		79.1%	49.8%
<b>Minnesota Birth Certificate Data (Infants born in 2021)<sup>10</sup></b>	88.8%			
<b>(Infants born in 2020)</b>	89.4%			
<b>(Infants born in 2019)</b>	89.6%			
<b>(Infants born in 2018)</b>	89.9%			
<b>(Infants born in 2017)</b>	89.6%			
<b>(Infants born in 2016)</b>	89.0%			
<b>(Infants born in 2015)</b>	88.2%			

Suggested citation: Minnesota WIC Information System. Trends in Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Infants in the Minnesota WIC Program Born During Calendar Year 2015 - 2021 by Age of the Mother and Region. Minnesota WIC Program: 2022.

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

<sup>1</sup> Total number of MN WIC infants born during report years with breastfeeding information and known mother's age as of June 21, 2022

<sup>2</sup> Number in breastfeeding category (percentage of number divided by total infants born during report years who participated in Minnesota WIC and had breastfeeding information available)

<sup>3</sup> Infants who initiated breastfeeding

<sup>4</sup> Infants who continued to breastfeed at two weeks

<sup>5</sup> Infants who continued to breastfeed at two months

<sup>6</sup> Infants who continued to breastfeed at three months

<sup>7</sup> Infants who continued to breastfeed at six months

<sup>8</sup> Infants who continued to breastfeed at twelve months

<sup>9</sup> [National Immunization Survey Data \(All 2017 births, accessed August 20, 2020\)](#)

<sup>10</sup> [Breastfeeding Initiation for all Infants born in Minnesota by Race/Ethnicity and Selected Cultural Identities \(All Minnesota births with initiation data, accessed June 21, 2022\)](#)

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