

ELIGIBLE WIC POPULATION BELOW 185% POVERTY LEVEL BY COUNTY OF RESIDENCE, 2019

Using 2015-2019 Poverty Data and Census Estimates April 1, 2019 Population*

County of Residence	A: Estimate of Infants (Ages 0-11 months) Below 185% of Poverty	B: Estimate of Children (Ages 1-4 Years) Below 185% of Poverty	C: Estimate of Pregnant Women Below 185% of Poverty (Based on 9/12 Live Births +Fetal Deaths)	D: Estimate of Postpartum Women Below 185% of Poverty (Based on 6/12 Live Births 35% +Fetal Deaths)	E: Estimate of Breastfeeding Women Below 185% of Poverty (Based on 65% of Live Births)	Estimated Population at Risk (A + B + C + D + E)
North Carolina Total	53,608	220,684	40,537	17,628	18,791	351,248
Alamance	1,034	4,225	746	325	345	6,675
Alexander	189	793	142	62	65	1,251
Alleghany	66	276	40	18	19	419
Anson	154	652	122	54	55	1,037
Ashe	91	360	65	28	30	574
Avery	65	268	52	22	24	431
Beaufort	256	1,068	191	83	89	1,687
Bertie	94	379	70	31	32	606
Bladen	210	789	163	71	76	1,309
Brunswick	459	1,933	346	150	161	3,049
Buncombe	939	3,827	700	304	325	6,095
Burke	540	2,151	420	183	195	3,489
Cabarrus	909	3,953	673	293	312	6,140
Caldwell	401	1,765	345	150	161	2,822
Camden	26	122	21	9	10	188
Carteret	213	912	158	68	73	1,424
Caswell	107	451	80	35	37	710

Data Source and Methodology: Refer to the last page of this report.

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North Carolina Total	53,608	220,684	40,537	17,628	18,791	351,248
Catawba	797	3,421	601	261	279	5,359
Chatham	238	1,048	165	72	77	1,600
Cherokee	146	544	107	46	50	893
Chowan	83	342	56	24	26	531
Clay	44	206	33	14	15	312
Cleveland	634	2,600	503	219	232	4,188
Columbus	361	1,539	278	121	129	2,428
Craven	575	2,190	432	188	201	3,586
Cumberland	2,922	11,027	2,281	993	1,056	18,279
Currituck	93	442	67	29	31	662
Dare	139	550	99	43	46	877
Davidson	921	3,938	707	307	328	6,201
Davie	184	800	143	62	66	1,255
Duplin	467	2,020	375	163	173	3,198
Durham	1,785	6,785	1,334	580	618	11,102
Edgecombe	398	1,607	299	131	137	2,572
Forsyth	2,167	9,074	1,672	727	776	14,416

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North Carolina Total	53,608	220,684	40,537	17,628	18,791	351,248
Franklin	301	1,328	243	106	113	2,091
Gaston	1,266	5,329	967	420	449	8,431
Gates	24	111	19	8	9	171
Graham	32	146	32	14	15	239
Granville	212	892	152	66	71	1,393
Greene	147	605	122	53	57	984
Guilford	2,862	11,786	2,138	930	991	18,707
Halifax	348	1,459	265	115	123	2,310
Harnett	836	3,632	635	276	294	5,673
Haywood	285	1,193	192	83	89	1,842
Henderson	420	1,816	305	133	141	2,815
Hertford	143	536	95	41	43	858
Hoke	420	1,892	331	144	154	2,941
Hyde	13	59	11	5	5	93
Iredell	735	3,175	560	243	260	4,973
Jackson	184	807	144	63	67	1,265
Johnston	1,103	5,006	891	388	413	7,801

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North Carolina Total	53,608	220,684	40,537	17,628	18,791	351,248
Jones	57	238	44	19	21	379
Lee	389	1,576	298	130	138	2,531
Lenoir	396	1,666	309	135	142	2,648
Lincoln	363	1,580	287	125	133	2,488
McDowell	196	832	147	64	68	1,307
Macon	171	736	125	54	58	1,144
Madison	82	343	57	25	27	534
Martin	141	585	98	42	46	912
Mecklenburg	5,474	21,649	4,025	1,751	1,864	34,763
Mitchell	57	235	39	17	18	366
Montgomery	146	633	116	51	53	999
Moore	375	1,594	285	124	133	2,511
Nash	410	1,662	327	142	151	2,692
New Hanover	834	3,364	619	269	287	5,373
Northampton	109	475	79	34	37	734
Onslow	1,916	6,512	1,413	614	657	11,112
Orange	312	1,417	234	102	109	2,174

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North Carolina Total	53,608	220,684	40,537	17,628	18,791	351,248
Pamlico	35	171	24	11	11	252
Pasquotank	196	846	152	66	71	1,331
Pender	306	1,378	221	96	103	2,104
Perquimans	42	176	33	14	15	280
Person	221	899	176	76	82	1,454
Pitt	975	3,922	749	326	346	6,318
Polk	84	344	69	30	32	559
Randolph	816	3,477	620	270	286	5,469
Richmond	392	1,555	299	130	139	2,515
Robeson	1,152	4,777	904	393	419	7,645
Rockingham	506	2,197	393	171	182	3,449
Rowan	768	3,232	566	246	262	5,074
Rutherford	397	1,646	307	133	142	2,625
Sampson	494	2,016	333	145	154	3,142
Scotland	289	1,252	224	97	104	1,966
Stanly	364	1,509	259	113	121	2,366
Stokes	146	634	106	46	49	981

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North Carolina Total	53,608	220,684	40,537	17,628	18,791	351,248
Surry	417	1,726	326	142	151	2,762
Swain	85	447	83	36	39	690
Transylvania	147	632	112	48	52	991
Tyrrell	18	94	13	6	6	137
Union	742	3,343	527	229	244	5,085
Vance	420	1,628	322	140	148	2,658
Wake	3,690	15,853	2,781	1,209	1,291	24,824
Warren	85	386	59	26	27	583
Washington	100	362	77	33	36	608
Watauga	138	535	86	37	39	835
Wayne	953	3,894	731	318	340	6,236
Wilkes	319	1,339	240	104	112	2,114
Wilson	556	2,317	441	192	203	3,709
Yadkin	188	795	141	61	66	1,251
Yancey	101	376	73	32	34	616

North Carolina Minimum Population at Risk (Potential Eligible Estimates) for WIC Program: Data Source and Calculation

Minimum Population at Risk for each county is determined annually using the following data sources:

1. Number of live births
2. Number of fetal deaths
3. Infant Population (under 12 months)
4. Population 1-4 years of age
5. Percent of population with income less than 185% of poverty

Prior to CY2013 data

Items 1 and 2 were obtained from NC Vital Statistics; item 3 was obtained from NC Department of Administration, Office of Management and Budget; item 4 was obtained from USDA, decennial data.

Starting CY2013 data

Since item 3 and 4 were no longer available from the Feds, North Carolina devised its own estimate using the following data sources and estimates.

Poverty Estimate: U.S. Census Bureau, 2015-2019: 5-Year American Community Survey (ACS) Table B17024 : Age by ratio of income to poverty level in the past 12 months. Universe: Population for whom poverty status is determined. North Carolina Under 6 estimates for under 1.84.

<Note: The 0-4 poverty estimates were calculated by applying the 0-6 poverty estimates to the 0-4 2019 population estimates> <https://www.census.gov/acs/www/data/data-tables-and-tools/american-factfinder/>

Population Estimate: National Center for Health Statistics. Vintage 2019 postcensal estimates of the resident population of the United States (July 1, 2019). Prepared under a collaborative arrangement with the U.S. Census Bureau. Available from: http://www.cdc.gov/nchs/nvss/bridged_race.htm as of June 27, 2020, following release by the U.S. Census Bureau of the unbridged Vintage 2018 postcensal estimates by 5-year age group on June 27, 2019.

Birth Data: North Carolina State Center for Health Statistics, 2019 Live Birth Certificate electronic data files.

Fetal Death Data: North Carolina State Center for Health Statistics, 2019 Fetal Death Certificate electronic data files.

Calculation for the Potential Eligible Estimates:

The county estimates are based on the following formula:

Eligible WIC Population (Minimum Population at Risk = A + B + C + D + E)

A = Infants = (Population 0-11 months) % county population below 185% poverty

B = Children = (Population 1-4) % county population below 185% poverty

C = Pregnant women = 9/12 (Live births and Fetal deaths) % county population below 185% poverty

D = Postpartum women = 6/12 ((Live births) * 35%) + Fetal deaths) % county population below 185% poverty

E = Breastfeeding women (**65% (Live births)) % county population below 185% poverty

Please note that since 2014 we have been using the following formula to calculate D and E respectively to be consistent with our Breastfeeding rates.

D = $6/12 * (((BIRTH * .35) + FETAL) * POV2)$

E = $(.65 * BIRTH) * POV2$

*% non-breastfeeding postpartum women participating on the WIC Program

** % breastfeeding women participating on the WIC Program