# 4B. b. Percentage of women with live term singleton births who received WIC Program Services during pregnancy and who gained Excessive Weight based on the National Academy of Sciences-Institute of Medicine Recommended Total Weight Gain Ranges\* During Pregnancy

Numerator equals the unduplicated count of women on WIC during pregnancy with live term singleton births and who gained weight within the IOM Recommended Weight gain during pregnancy

Denominator equals the unduplicated count of women with live term singleton births and who received WIC

Program Services during the time period indicated

County/District Health Department	CY03-CY05 (	CY06-CY08 %	CY09-CY11 %	% Change from first 3- year period to most recent 3- year period	Numerator #	CY2011  Denominator #	%
Alamance County	47.6%	45.5%	45.5%	-4.4%	478	978	48.9%
Albemarle Regional Health Services	43.7%	44.6%	41.3%	-5.5%	260	632	41.1%
Alexander County	47.7%	47.4%	48.8%	2.4%	87	189	46.0%
Anson County	48.8%	48.1%	49.3%	0.9%	110	220	50.0%
Appalachian District	47.9%	48.6%	48.3%	1.0%	174	357	48.7%
Beaufort County	44.8%	45.3%	44.4%	-0.8%	145	321	45.2%
Bladen County	44.5%	42.9%	47.9%	7.6%	109	250	43.6%
Brunswick County	50.2%	51.2%	51.0%	1.6%	297	529	56.1%
Buncombe County	45.2%	47.4%	48.5%	7.4%	631	1,310	48.2%
Burke County	42.5%	42.2%	44.4%	4.3%	242	520	46.5%
Cabarrus County	45.6%	46.8%	46.0%	1.0%	545	1,132	48.1%
Caldwell County	53.3%	51.5%	49.3%	-7.5%	258	554	46.6%
Carteret County	52.2%	52.2%	48.3%	-7.4%	162	348	46.6%
Caswell County	41.3%	45.8%	45.0%	8.9%	51	121	42.1%
Catawba County	43.1%	32.8%	41.9%	-2.9%	435	997	43.6%
Chatham County	48.4%	43.1%	45.0%	-7.2%	128	292	43.8%
Cherokee County	48.5%	50.4%	44.1%	-9.1%	77	160	48.1%
Clay County	54.1%	54.4%	49.4%	-8.7%	29	55	52.7%
Cleveland County	48.8%	42.9%	37.6%	-22.9%	256	752	34.0%
Columbus County	44.7%	45.5%	45.7%	2.3%	200	470	42.6%
Craven County	49.2%	46.1%	43.6%	-11.4%	388	953	40.7%
Cumberland County	50.6%	52.9%	51.5%	1.9%	1,902	3,644	52.2%
Dare County	43.4%	39.5%	41.6%	-4.2%	86	175	49.1%
Davidson County	47.8%	42.5%	48.3%	0.8%	517	1,042	49.6%
Davie County	45.9%	50.2%	49.1%	6.9%	118	205	57.6%
Duplin County	41.6%	40.7%	42.2%	1.5%	218	520	41.9%
Durham County	38.2%	42.7%	46.8%	22.5%	898	1,885	47.6%
Edgecombe County	39.4%	43.7%	41.3%	4.8%	214	491	43.6%
Forsyth County	42.6%	44.3%	47.0%	10.5%	1,198	2,475	48.4%
Franklin County	40.7%	42.7%	44.9%	10.3%	132	317	41.6%
Gaston County	47.3%	45.1%	44.4%	-6.1%	663	1,498	44.3%
North Carolina	46.4%	46.0%	47.0%	1.4%	28,848	61,090	47.2%

<sup>\*</sup> Excessive total prenatal weight gain by prepregnancy weight category is > 40 lbs. for underweight women (BMI < 18.5); > 35 lbs. for normal weight women (BMI 18.5 to 24.9); >25 lbs. for overweigh women (BMI 25 to 29.9); and >20 lbs for obese women (BMI >= 30).

## 4B. b. Percentage of women with live term singleton births who received WIC Program Services during pregnancy and who gained Excessive Weight based on the National Academy of Sciences-Institute of Medicine Recommended **Total Weight Gain Ranges\* During Pregnancy**

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Denominator equals the unduplicated count of women with live term singleton births and who received WIC

Program Services during the time period indicated

County/District Health Department	CY03-CY05	CY06-CY08	CY09-CY11	% Change from first 3-		CY2011	
	%	%	%	year period to most recent 3- year period	Numerator #	Denominator #	%
Graham County	51.1%	56.9%	57.9%	13.4%	47	76	61.8%
Granville-Vance District	39.8%	43.2%	42.3%	6.3%	309	721	42.9%
Greene County	42.9%	39.8%	42.6%	-0.5%	76	166	45.8%
Guilford County	50.4%	48.7%	51.7%	2.6%	1,333	2,578	51.7%
Halifax County	46.0%	47.5%	44.1%	-4.1%	178	425	41.9%
Harnett County	47.3%	50.1%	48.7%	3.0%	401	829	48.4%
Haywood County	50.9%	48.6%	50.5%	-0.8%	170	359	47.4%
Henderson County	43.9%	47.6%	47.3%	7.6%	212	452	46.9%
Hertford County	50.4%	47.1%	44.2%	-12.2%	60	164	36.6%
Hoke County	47.7%	48.2%	47.5%	-0.4%	215	464	46.3%
Hyde County	51.7%	52.3%	48.7%	-5.7%	14	26	53.8%
redell County	49.0%	49.5%	46.8%	-4.4%	409	871	47.0%
Jackson County	49.7%	54.2%	50.5%	1.4%	129	264	48.9%
Johnston County	43.6%	43.6%	50.0%	14.7%	530	1,067	49.7%
Jones County	45.5%	48.8%	46.6%	2.6%	43	90	47.8%
Lee County	43.3%	47.8%	44.6%	3.1%	227	499	45.5%
Lenoir County	46.4%	48.9%	47.0%	1.3%	240	470	51.1%
Lincoln County	49.8%	48.8%	46.2%	-7.1%	205	423	48.5%
Macon County	47.0%	44.1%	47.9%	2.1%	98	201	48.8%
Madison County	46.9%	48.9%	48.9%	4.3%	79	148	53.4%
Martin-Tyrrell-Washington District	42.9%	43.3%	43.3%	1.1%	128	295	43.4%
Mecklenburg County	49.5%	47.4%	46.9%	-5.3%	2,072	4,647	44.6%
Montgomery County	46.5%	44.9%	41.0%	-11.8%	106	258	41.1%
Moore County	51.2%	53.9%	50.0%	-2.4%	205	446	46.0%
Nash County	45.9%	40.3%	45.3%	-1.3%	328	688	47.7%
New Hanover County	49.5%	49.0%	49.6%	0.2%	503	1,037	48.5%
Northampton County	52.2%	49.9%	45.3%	-13.2%	55	149	36.9%
Onslow County	48.2%	51.2%	51.0%	5.8%	1,208	2,323	52.0%
Orange County	51.9%	51.3%	44.6%	-14.0%	209	471	44.4%
Pamlico County	52.8%	50.0%	39.6%	-25.0%	23	76	30.3%
Pender County	45.4%	48.3%	44.9%	-1.1%	137	320	42.8%
North Carolina	46.4%	46.0%	47.0%	1.4%	28,848	61,090	47.2%

<sup>\*</sup> Excessive total prenatal weight gain by prepregnancy weight category is > 40 lbs. for underweight women (BMI < 18.5); > 35 lbs. for normal weight women (BMI 18.5 to 24.9); >25 lbs. for overweigh women (BMI 25 to 29.9); and >20 lbs for obese women (BMI >= 30).

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Denominator equals the unduplicated count of women with live term singleton births and who received WIC Program Services during the time period indicated

County/District Health Department	CY03-CY05	CY06-CY08	CY09-CY11	% Change from first 3- year period to	CY2011  Numerator Denominator		%
	%	%	%	most recent 3- year period	#	#	
Person County	44.7%	47.7%	50.3%	12.5%	129	257	50.2%
Pitt County	45.5%	46.5%	47.4%	4.2%	533	1,127	47.3%
Randolph County	53.2%	49.9%	48.8%	-8.1%	472	947	49.8%
Richmond County	49.0%	49.1%	49.0%	0.1%	221	449	49.2%
Robeson County	41.5%	42.5%	45.0%	8.6%	592	1,352	43.8%
Rockingham County	46.6%	50.3%	48.9%	5.0%	272	549	49.5%
Rowan County	46.2%	45.6%	47.8%	3.5%	447	880	50.8%
Rutherford-Polk-McDowell District	37.4%	40.5%	48.3%	29.0%	433	846	51.2%
Sampson County	48.3%	49.5%	45.2%	-6.4%	238	575	41.4%
Scotland County	46.9%	46.6%	46.0%	-2.0%	170	393	43.3%
Stanly County	40.1%	44.1%	47.7%	18.8%	184	378	48.7%
Stokes County	52.1%	55.2%	47.4%	-9.0%	109	240	45.4%
Surry County	52.5%	53.9%	48.9%	-6.8%	236	466	50.6%
Swain County	48.5%	56.4%	51.5%	6.2%	69	141	48.9%
Toe River District	43.0%	46.1%	44.1%	2.5%	120	290	41.4%
Transylvania County	49.6%	47.8%	49.1%	-1.1%	80	163	49.1%
Union County	41.6%	40.0%	44.1%	6.0%	428	983	43.5%
Wake County	42.8%	39.8%	46.8%	9.3%	2,018	4,155	48.6%
Warren County	42.1%	44.1%	46.7%	10.9%	55	117	47.0%
Wayne County	47.2%	45.0%	44.0%	-6.7%	461	1,036	44.5%
Wilkes County	50.1%	38.0%	45.2%	-9.8%	206	422	48.8%
Wilson County	41.3%	39.1%	43.1%	4.4%	301	687	43.8%
Yadkin County	44.1%	49.3%	45.5%	3.2%	117	242	48.3%

North Carolina	46.4%	46.0%	47.0%	1.4%	28,848	61,090	47.2%

<sup>\*</sup> Excessive total prenatal weight gain by prepregnancy weight category is > 40 lbs. for underweight women (BMI < 18.5); > 35 lbs. for normal weight women (BMI 18.5 to 24.9); >25 lbs. for overweigh women (BMI 25 to 29.9); and >20 lbs for obese women (BMI >= 30).

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Program Services during the time period indicated

County/District Health Department	CY03-CY05	CY06-CY08	CY09-CY11	% Change from first 3- year period to	CY2011		
	%	%	%	most recent 3- year period	Numerator #	Denominator #	%
Alleghany	47.1%	49.3%	48.2%	2.5%	22	56	39.3%
Ashe	46.5%	45.5%	46.4%	-0.2%	55	122	45.1%
Avery	45.0%	46.5%	46.9%	4.1%	45	98	45.9%
Bertie	51.1%	45.6%	35.9%	-29.6%	34	127	26.8%
Camden	39.1%	42.4%	49.0%	25.5%	18	30	60.0%
Chowan	41.4%	43.6%	45.7%	10.4%	51	103	49.5%
Currituck	45.8%	50.3%	44.7%	-2.4%	28	55	50.9%
Gates	41.3%	46.8%	33.8%	-18.1%	7	28	25.0%
Granville	37.4%	44.4%	47.6%	27.3%	156	309	50.5%
Martin	41.6%	41.4%	43.6%	4.8%	70	157	44.6%
McDowell	34.1%	41.1%	48.4%	42.0%	146	291	50.2%
Mitchell	41.3%	45.6%	45.9%	11.2%	36	92	39.1%
Pasquotank	42.2%	42.9%	40.4%	-4.3%	90	226	39.8%
Perquimans	34.0%	44.6%	44.7%	31.5%	32	63	50.8%
Polk	40.4%	42.8%	49.1%	21.7%	40	66	60.6%
Rutherford	39.5%	39.5%	48.1%	21.7%	247	489	50.5%
Tyrrell	45.6%	47.0%	43.3%	-5.0%	12	27	44.4%
Vance	43.2%	42.0%	37.9%	-12.1%	153	412	37.1%
Washington	43.8%	45.1%	42.9%	-2.1%	46	111	41.4%
Watauga	49.1%	51.6%	50.2%	2.3%	97	179	54.2%
Yancey	42.5%	46.3%	39.2%	-7.8%	39	100	39.0%

North Carolina	46.4%	46.0%	47.0%	1.4%	28,848	61,090	47.2%

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