

Appendix E
RHODE ISLAND WIC
AND
FARMERS MARKET SITES
03/07

- ⊕ Clinic Site
- ☺ Farmers Market
- ★ Department of Health



Table # 5

Affirmative Action Plan WIC Estimated Rhode Island Participants by Category FY 2007
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<u>Category</u>	# of Estimated WIC Eligibles 2007	Average # of WIC Participants Served per Month - FY 2007	Average % WIC Eligible Served per Month- FY 2007
Pregnant Women	4,643	4,159	89.6%
Postpartum Women	4,023	1,739	43.2%
Infants	6,190	6,078	98.2%
Children	22,259	13,179	59.2%
Total	37,115	25,155	67.8%

Sources of data for all tables:
 United State Census Bureau, (2000 Census),
 HEALTH Division of Vital Records Reports
 HEALTH WIC Program Enrollment Reports (August 2007)
 Rite Care Program Enrollment Data (Medicaid) 2004
 RI Medicaid Eligible Data (CMS.gov data 2004)

Goals 2007 Section 1 Preliminary Information

Table 4

WIC Local Agency Current Service Areas

Local Agency	Need Index	Communities Served
Blackstone Valley Health Center	2.594	Central Falls
	0.409	Cumberland
	-0.441	Lincoln
	0.823	Pawtucket
Chad Brown Health Center	2.582	Providence
Family Health Center of Cranston	-0.395	Coventry
	-0.246	Cranston
Health Center of South County	0.115	Charlestown
	-0.349	East Greenwich
	0.415	Exeter
	0.043	Jamestown
	0.125	Narragansett
	-0.309	New Shoreham
	-0.123	North Kingstown
-0.887	South Kingstown	
New Visions for Newport	0.043	Jamestown
	1.991	Little Compton
	-3.397	Middletown
	0.524	Newport
	-1.432	Portsmouth
-1.021	Tiverton	
Providence Ambulatory Health Care Foundation, Inc. (PAHCF)	-0.246	Cranston
	-0.349	East Greenwich
	-0.676	East Providence
	0.085	North Providence
2.582	Providence	
Self-Help Inc.	-1.081	Barrington
	-0.387	Bristol
	-0.676	East Providence
	0.358	Warren
St. Joseph Hospital	2.582	Providence
Thundermist Health Associates, Inc.	-0.441	Lincoln
	0.072	North Smithfield
	-0.033	Smithfield
	2.366	Woonsocket
Tri-Town Economic Opportunity Committee	0.950	Burrillville
	0.409	Cumberland
	-1.090	Foster
	-0.025	Johnston
	0.085	North Providence
	-0.137	Scituate
	-0.033	Smithfield
1.955	Glocester	
WestBay Community Action Inc	-0.395	Coventry
	-0.349	East Greenwich
	0.090	Warwick
	-2.215	West Greenwich
	1.220	West Warwick
Women and Infants Hospital	-1.081	Barrington
	2.582	Providence
Wood River Health Services	0.115	Charlestown
	0.415	Exeter
	0.309	Hopkinton
	-1.141	Richmond
	-2.215	West Greenwich
	0.341	Westerly

Goals 2007 Section I: Preliminary Information		Table 3												Total	
Number of Enrollee by WIC Agencies														Total	
By City or Town of Participant Residence and Clinic														Total	
City/Town	Women & Infants Hospital	St. Josephs Hospital	Tri Town Hlth. Ctr.	Westbay CAP	Wood River Hlth. Ctr.	Blackstone Valley Hlth. Ctr.	Chad Brown Hlth. Ctr.	Comp. CAP	Thundermist Hlth. Ctr.	Eastbay CAP	Providence Hlth. Ctr.				
Barrington	1					0	1		1	34				37	
Bristol			8	2						207	4			221	
Burrillville			160			3			35					198	
Central Falls	34	12	1	3		1374	6	7	6	7	79			1529	
**Charlestown			1			2			39					76	
Coventry	3	1	7	134	34			232	8	5	11			404	
Cranston	79	63	72	48	3	32	23	807	7	6	339			1476	
Cumberland	3	2	3	1		162	4	1	131	4	8			319	
East Greenwich				38	1			3	13		4			59	
East Provid	32	10	23	2		49	11	8	3	782	122			1042	
**Exeter				4	13	1		2	18	1				39	
**Foster			35	2		2		16	3					58	
**Glocester	2		45	2					7					56	
**Hopkinton				1	105			2	2		3			113	
**Jamestown				1					4	9				14	
Johnston	3	6	341	6		6	4	27		4	40			437	
Lincoln	5		3			74	6	6	84	3	3			184	
**Little Compton				2	1				1	21				24	
Middletown	1					4			84	304				310	
Narragansett			1					1	6	3	1			91	
Newport	1	1		3		2	2	1	6	594	1			611	
**Newsham									5					5	
North Kingst	1			21			3	5	202	5				238	
North Provid	25	8	175			50	16	6	8	10	62			360	
North Smith	1		17	2		7		3	43	2	3			78	
Pawtucket	99	37	44	11		3096	56	21	24	69	397			3864	
Portsmouth										118				118	
Providence	1389	1378	215	28		276	839	244	38	67	6509			10983	
Richmond				3	64	1		2	19		2			91	
**Schuette			13	5		2		12			2			34	
Smithfield	1		74	1		2			20	2	4			104	
South King	1			1	5	4		2	253	2	3			271	
Tiverton						1	1	5		151				158	
Warren						1				159	3			164	
Warwick	23	12	11	818	1	11		52	21	16	42			1007	
Westerly	1			3	343	6		10	24		3			390	
**Westgreen	1		3	7	5	4			3					23	
Westwarwick	7	6	7	525	6	3		92	20	9	20			695	
Woonsocket	12	7	21			23	10	2	2094		15			2184	
	1,725	1,544	1,280	1,674	583	5,198	982	1,569	3,226	2,594	7,680			28,055	

Goals 2007 Sec. 1 Preliminary Information

Table 1
Number and Percent of WIC Eligible Population Served by Each City and Town

	2007 Estimated WIC Eligible	2007 WIC Eligible Enrolled	2007 WIC Eligible Unserved	2007 Adjusted Eligible Unserved	2007 % WIC Eligible Unserved	2007 standard score* of unserved
Barrington	79	35	44	44	55.79%	1.265
Bristol	334	199	135	135	40.41%	0.132
Burrillville	293	191	102	102	34.82%	-0.280
Central Falls	2148	1,601	547	547	25.45%	-0.970
Charlestown	154	66	88	88	57.28%	1.375
Coventry	621	354	267	267	43.04%	0.325
Cranston	2043	1,311	732	732	35.81%	-0.207
Cumberland	457	285	172	172	37.69%	-0.069
East Greenwich	104	43	61	61	58.51%	1.465
East Providence	1331	929	402	402	30.21%	-0.620
Exeter	104	42	62	62	59.79%	1.559
Foster	81	57	24	24	29.93%	-0.640
Glocester	103	47	56	56	54.53%	1.172
Hopkinton	134	95	39	39	29.18%	-0.696
Jamestown	40	15	25	25	62.87%	1.787
Johnston	576	390	186	186	32.28%	-0.468
Lincoln	346	169	177	177	51.20%	0.927
Little Compton	33	18	15	15	45.43%	0.502
Middletown	304	269	15	15	4.93%	-2.482
Narragansett	129	80	49	49	38.21%	-0.030
Newport	884	573	311	311	35.18%	-0.254
New Shoreham	12	7	5	5	40.76%	0.157
North Kingstown	509	250	259	259	50.86%	0.902
North Providence	594	403	191	191	32.16%	-0.476
North Smithfield	119	74	45	45	37.82%	-0.059
Pawtucket	4279	3,560	719	719	16.81%	-1.607
Portsmouth	147	102	45	45	30.38%	-0.607
Providence	13438	10,168	3270	3270	24.33%	-1.053
Richmond	93	79	14	14	15.22%	-1.724
Scituate	125	40	85	85	68.01%	2.165
Smithfield	134	81	53	53	39.36%	0.054
South Kingstown	341	243	98	98	28.70%	-0.731
Tiverton	217	141	76	76	35.07%	-0.262
Warren	244	153	91	91	37.18%	-0.107
Warwick	1655	886	769	769	46.46%	0.577
Westerly	579	359	220	220	38.01%	-0.045
West Greenwich	52	37	15	15	28.77%	-0.725
West Warwick	1101	587	514	514	46.70%	0.595
Woonsocket	2694	1,964	730	730	27.09%	-0.850
No town listed	483	0	483	483		
Total	37,115	25,923	11,192	11,192		

% of unserved among WIC eligible: 30.2% (= 11,192 / 37,115 * 100)
city/town average % of unserved: 38.62% (average of column "% WIC Eligible Unserved"-excluding no town listed)
SD of % unserved: 13.57% (SD of column "% WIC Eligible Unserved"- excluding no town listed)

NOTE: * Standard Score of each town/city is calculated by subtracting the average % value (38.62%: value in D53) from each city/town's "% WIC eligible unserved", then dividing the amount by the standard deviation (13.57%: value in D54).

Data Source: WIC Program, Rhode Island Department of Health.

Table 5

Summary Table of the 5 MCH Indicator Standard Scores by city/town, RI 2007

City/Town	Standard Score (teen birth)	S.S. (prenatal)	S.S. (IMR)	S.S. (Lo Birthwt)	S.S (poverty)	Total S.S.	Average S.S.
Barrington	-1.018	-1.387	-0.602	-1.541	-0.709	-5.256	-1.051
Bristol	-0.641	-0.128	0.127	-1.051	0.033	-1.660	-0.332
Burrillville	-0.221	-0.191	-1.886	0.358	-0.373	-2.313	-0.463
Central Falls	3.948	1.854	0.023	-0.132	3.175	8.868	1.774
Charlestown**	-0.156	-0.470	-1.087	-0.438	-0.506	-1.718	-0.344
Coventry	-0.032	-0.852	-0.046	0.542	-0.384	-0.772	-0.154
Cranston	0.221	-0.443	0.231	0.113	-0.058	0.064	0.013
Cumberland	-0.415	-0.600	-0.393	0.848	-0.668	-1.228	-0.246
East Greenwich	-0.738	-1.104	-0.012	0.297	-0.567	-2.123	-0.425
East Providence	0.302	-0.254	-0.254	0.910	0.115	0.817	0.163
Exeter**	-0.393	-0.254	-0.740	-1.541	-0.221	-3.150	-0.630
Foster**	-0.068	-0.349	2.936	2.135	-0.089	3.960	0.790
Glocester**	-0.478	-0.726	2.279	-1.112	-0.302	-0.341	-0.068
Hopkinton**	-0.081	0.942	0.301	0.787	-0.384	1.665	0.313
Jamestown**	-0.889	-0.223	-0.289	-1.947	-0.841	-3.890	-0.778
Johnston	-0.070	-0.632	-0.428	0.481	-0.068	-0.717	-0.143
Lincoln	-0.285	-0.600	0.613	-0.316	-0.323	-0.911	-0.182
Little Compton**	-0.528	0.092	0.162	-2.870	-0.882	-1.716	-0.343
Middletown	0.054	0.218	-1.226	-0.500	-0.353	-1.807	-0.361
Narragansett	-0.673	-0.286	0.509	-0.316	-0.109	-0.875	-0.175
Newport	0.377	1.948	-0.116	-0.561	1.498	3.146	0.629
Newsham**	-1.131	2.295	-1.886	-1.235	0.054	-1.903	-0.381
North Kingstown	-0.366	-0.663	0.509	-0.438	0.003	-0.956	-0.191
North Providence	0.124	-0.443	-1.261	0.297	0.044	-1.240	-0.248
North Smithfield**	-0.549	-1.009	1.619	0.236	-0.678	-0.382	-0.076
Pawtucket	1.955	1.413	0.717	1.032	1.589	6.707	1.341
Portsmouth	-0.587	-0.034	0.058	-0.071	-0.699	-1.333	-0.267
Providence	1.476	1.256	1.203	1.400	3.135	8.469	1.694
Richmond	-0.258	-0.758	-0.497	0.174	-0.556	-1.896	-0.379
Scituate**	-0.603	-1.135	-0.428	-0.745	-0.546	-3.457	-0.691
Smithfield	-0.829	-1.009	-0.497	-0.683	-0.587	-3.606	-0.721
South Kingstown	-0.889	-0.474	-1.053	-0.867	-0.445	-3.727	-0.745
Tiverton	-0.329	0.890	0.127	-0.193	-0.699	-0.403	-0.081
Warren	-0.005	-0.160	-0.671	0.297	-0.129	-0.668	-0.134
Warwick	0.032	-0.474	-0.081	0.787	-0.302	-0.038	-0.008
Westerly	0.679	1.665	1.203	0.236	0.033	3.816	0.763
Westgreenwich**	-0.549	-1.041	-0.708	-1.480	-0.709	-4.484	-0.897
Westwarwick	0.867	0.092	0.370	0.236	0.857	2.422	0.484
Woonsocket	2.589	2.295	1.168	1.032	2.250	9.314	1.863

** indicates cities/towns with less than 500 births during 2001-2005, resulted in statistically unreliable MCH scores. These cities/towns are recommended to be excluded in ranking.

WIC Needs Index and Rank, RI 2007

(Different weights were imposed between MCH Indicator Scores and Unserved Scores to calculate Need Index)

City/Town	Average Stand. Score of 5 MCH Indicators#	MCH Risk Index##		Standard Score of WIC Unserved	Needs Index*	Needs Rank
	Col (1)	Col (1) x 2 Col (2)	Col (3)	Col (2)+Col (3)		
Woonsocket	1.863	3.726	-0.850	2.876	1	
Central Falls	1.774	3.547	-0.970	2.577	2	
Providence	1.694	3.388	-1.053	2.335	3	
West Warwick	0.484	0.969	0.595	1.564	4	
Westerly	0.763	1.526	-0.045	1.481	5	
Little Compton**	0.343	0.686	0.502	1.188	6	
Pawtucket	1.341	2.683	-1.607	1.076	7	
Glocester**	-0.068	-0.136	1.172	1.036	8	
Newport	0.629	1.259	-0.254	1.005	9	
Foster**	0.790	1.580	-0.640	0.940	10	
Scituate**	-0.691	-1.383	2.165	0.782	11	
Charlestown**	-0.344	-0.687	1.375	0.687	12	
East Greenwich	-0.425	-0.849	1.465	0.616	13	
Lincoln	-0.182	-0.364	0.927	0.562	14	
Warwick	-0.008	-0.015	0.577	0.562	15	
North Kingstown	-0.191	-0.382	0.902	0.520	16	
Exeter**	-0.630	-1.260	1.559	0.300	17	
Jamestown**	-0.778	-1.556	1.787	0.231	18	
Coventry	-0.154	-0.309	0.325	0.017	19	
Hopkinton**	0.313	0.626	-0.696	-0.070	20	
Cranston	0.013	0.026	-0.207	-0.181	21	
North Smithfield**	-0.076	-0.153	-0.059	-0.212	22	
East Providence	0.163	0.327	-0.620	-0.293	23	
Warren	-0.134	-0.267	-0.107	-0.374	24	
Narragansett	-0.175	-0.350	-0.030	-0.380	25	
Tiverton	-0.081	-0.161	-0.262	-0.423	26	
Bristol	-0.332	-0.664	0.132	-0.532	27	
Cumberland	-0.246	-0.491	-0.069	-0.560	28	
New Shoreham**	-0.381	-0.761	0.157	-0.604	29	
Johnston	-0.143	-0.287	-0.468	-0.754	30	
Barrington	-1.051	-2.103	1.265	-0.838	31	
North Providence	-0.248	-0.496	-0.476	-0.972	32	
Portsmouth	-0.267	-0.533	-0.607	-1.140	33	
Burrillville	-0.463	-0.925	-0.280	-1.205	34	
Smithfield	-0.721	-1.443	0.054	-1.388	35	
South Kingstown	-0.745	-1.491	-0.731	-2.222	36	
Richmond	-0.379	-0.758	-1.724	-2.482	37	
West Greenwich**	-0.897	-1.794	-0.725	-2.519	38	
Middletown	-0.361	-0.723	-2.482	-3.205	39	

NOTE:

Five MCH indicators include Children in Poverty, Infant Mortality, Low Birthweight Infants, Delayed Prenatal Care, and Teen Births

MCH Risk Index is calculated as multiplying Average Standard Score of 5 MCH indicators (Col 1) by 2

* Needs Index = MCH Risk Index (Col 2) + Standard Score of WIC Unserved (Col 3)

** indicates cities/towns with less than 500 births during 2001-2005, resulted in statistically unreliable MCH Risk Index scores.

These cities/towns are recommended to be excluded in ranking.

Data Source: The source of 5 MCH indicators (Children in Poverty, Infant Mortality, Low Birthweight Infants, Delayed Prenatal Care, and Teen Births) is the 2007 Rhode Island Kids Count Factbook.

The source of WIC Unserved data is the WIC Program, Rhode Island Department of Health.