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## **Section 1**

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### **Study Design and Methodology**

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WIC Dynamics is a study of the impact of participation growth associated with infant formula rebates, new legislative and regulatory requirements, and economic factors that occurred since 1988. The focus of this research is on local WIC agencies' decisions to implement certain procedures or to modify practices between 1988 and 1993.

### **Sampling**

*Surveys.* When designing the sample, it was necessary to use the local agency as the unit of analysis, and at the same time estimate the number of participants who were affected by the changes in practices and procedures. To do this, the sample was selected with probabilities proportional to the square root of the number of participants. The determination of the exact number of agencies to be sampled was based on the need to obtain adequate precision for categorical variables. It was determined that a sample of 250 respondents would provide such precision, but that a certain leeway was necessary to account for nonresponse and to guard against too optimistic a view of the stratification. The sample was therefore set at 300 local agencies.

The 13 largest agencies (all agencies with more than 30,000 participants) were first sampled with certainty. Then the agencies were sorted by overall growth, timing of growth, region, and within region in descending order of size. The square root of the population was calculated for each agency and the square roots were added. The total was divided by 287 (the number of noncertainty agencies to be sampled), and this ratio became the interval size. At this point it was verified that no agency's size measure (square root of the participant total) exceeded the interval size. The cumulative sum of the size measures was obtained for each agency, thus defining a segment for each agency. The agency in whose segment the starting point fell was sampled. Then one interval was added to the starting point and the segment in which that number fell determined the next sampled number. This process was repeated, so that in the end 287 noncertainty agencies were sampled.

*Case Studies.* The case study design required a sample of 22 local agencies as heterogeneous as possible. Agencies were selected across all regions and at least one agency per region had to have been included in a prior Food and Nutrition Service (FNS) case study on administrative and funding procedures. The local agencies were selected with the intention of presenting contrasts in terms of possible operational reactions to the various legislative, regulatory, and administrative initiatives between 1988 and 1992. In addition, we tried to include agencies that demonstrated growth during this time, as well as agencies that remained relatively stable or decreased in participant size.

**Data Collection Procedures**

Seven data collection instruments were used to collect the data needed to answer the study questions:

- State Agency Mail Survey
- Local Agency Mail Survey
- Local Agency Interview Guide
- Local Health and/or Social Service Provided Interview Guide
- Observation Checklist for Individual Nutrition Education Sessions
- Observation Checklist for Group Nutrition Education Sessions
- WIC Record Review Form

*Surveys.* The WIC community, including the National Association of WIC Directors (NAWD) Research Committee, State and local representatives who participated in a discussion group at the 1991 NAWD meeting held in Washington, D.C., and several State and local WIC directors made substantial input into the development of the survey instruments. This was done to ensure that the instruments captured relevant information and that it was feasible for respondents to provide valid and reliable responses. The State Agency Survey was sent to all State agencies and tribal organizations that administer the WIC program nationally. The Local Agency Survey was sent to a sample of 300 local agencies. Those agencies that did not respond within 3 to 4 weeks were sent a postcard reminding them to complete the survey. In addition, reminder telephone calls were made by Macro staff, and if necessary, by FNS staff (to the State agencies) or State staff (to the local agencies). As a result, we obtained a 91 percent response rate from the State survey, and 95 percent response rate from the local agency survey.

When the completed surveys were received, the data was entered into a computer file, an edit program was run to identify data errors and missing data, and extensive follow-up telephone calls were made to obtain the missing data and resolve discrepancies. Once the data was cleaned, the analysis tables were produced.

*Case Studies.* The Local Agency Interview Guide and Local Health and/or Social Service Provider Interview Guide were designed to supplement and add in-depth, qualitative dimension to the information obtained in the State and local surveys. A sample of 22 sites were selected for on-site observation and discussions with agency staff. Prior to visiting these sites, the regional office and State WIC agency were contacted, and site visit appointments were made. Not all questions in the guides were asked of all respondents. Only those questions appropriate to the staff member's functions and responsibilities were asked. The primary focus of the Local Health and/or Social Service Provider Interviewer Guide was on coordination of services, while the Local Agency Interview Guide covered local agency operations, service coordination and integration, and nutrition services.

The Observation Checklist for Individual Nutrition Education Sessions and the Observation Checklist for Group Nutrition Education Sessions were used to record observations by study team staff during nutrition education sessions. Finally, the WIC Record Review Form was used to abstract information documenting nutrition education and certification from a sample of WIC participant records at each site.

### **Analysis Techniques**

**Surveys.** Separate files were created for State and local level analyses. The analysis of the local agency data looks at three separate components: 1) legislative, regulatory, and administrative changes, as well as other factors such as food cost fluctuations; 2) participation changes; and 3) local agency operational changes; Changes in local agency operations relate to a variety of factors including Federal and State legislative, regulatory, and administrative changes as well as to other local factors and economic conditions. Nine specific factors were identified for this study:

- Funding changes (Federal, State, administrative)
- Medicaid expansion
- Infant formula rebates
- Drug abuse education requirements
- Services provided to homeless
- Availability of health care and social services
- One-stop shopping/integrated services
- Food cost fluctuations
- Vendor management

Changes in participation were examined for each agency in order to classify them into: 1) agencies in which the number of participants has increased; 2) agencies in which the number of participants has remained stable; and 3) agencies in which the number of participants has declined.

Changes in an agency's operations were defined in terms of the following three dimensions:

- Agency practices that affect service delivery and administration (e.g., the provision of nutrition education services or the tailoring of food vouchers).
- Agency resources relating to personnel, space, and facilities.
- Agency operations or the deployment of resources (e.g., office hours, number of sites).

Frequencies and cross tabulations were used to analyze the survey data. Unit nonrespondents were omitted and the weights were adjusted to total the 1,777 local agencies and their 5,396,569

participants in the 1992 FNS-191 file. Some survey items addressed activities and procedures that differ among clinics in local agencies. To capture this diversity and minimize burden, local agencies were asked to report for each of their "principal clinics," the largest clinics, up to six. Hence, data were weighted to the 5,387 principal clinics in the 1,777 local agencies for some analyses. Item nonresponses were assigned to a separate category in all the tables. The number of participants were then adjusted to correspond to the known population totals. Standard errors for selected tables were obtained using the SUDAAN statistical package and presented in tables comparable to the frequency tables.

*Case Studies.* Individual site visit reports provide summaries of each of the key areas addressed in the site visits, as well as relevant historical and background information. Data tables were prepared to summarize information and to enhance the accompanying narrative information. The case studies are used to illustrate key survey findings. They provide depth and explanation to our presentation of how agencies operate and how operations have changed since 1988.

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## **Section 2**

### **Local Agency Tables**

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Table 1

## Number and Percentage of Agencies and of Participants by Agency Size

## Agencies

Agency Size (in No. of Participants)	No.	Pct.
0-99	99	5.59
100-999	627	35.27
1000-1999	412	23.21
2000-9999	538	30.29
10000-24999	81	4.53
25000-49999	15	0.82
50000 or More	5	0.28
Total	1777	100.00

## Participants

Agency Size (in No. of Participants)	No.	Pct.
0-99	7,125	0.13
100-999	350,534	6.50
1000-1999	605,621	11.22
2000-9999	2,277,510	42.20
10000-24999	1,113,962	20.64
25000-49999	513,875	9.52
50000 or More	527,942	9.78
Total	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 2

## Number and Percentage of Agencies and of Participants by Percentage Growth

## Agencies

Percentage Growth in Participants	No.	Pct.
Less than 15%	379	21.35
15% to 33%	398	22.38
33% to 50%	317	17.86
50% to 100%	493	27.76
Greater than 100%	146	8.21
Not Applicable	43	2.44
Total	1777	100.00

## Participants

Percentage Growth in Participants	No.	Pct.
Less than 15%	678,008	12.56
15% to 33%	1,194,411	22.13
33% to 50%	1,033,484	19.15
50% to 100%	1,847,125	34.23
Greater than 100%	607,400	11.26
Not Applicable	36,141	0.67
Total	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 3

Number and Percentage of Agencies and of Participants by Agency Sponsorship

## Agencies

Sponsorship/Type	No.	Pct.
<b>Health Agencies:</b>		
State	44	2.47
District	113	6.37
Multi-County	117	6.58
Single-County	812	45.72
Municipal	44	2.46
Community	295	16.58
Indian	96	5.41
<b>Hospitals:</b>		
Public	40	2.24
Private Voluntary	0	0
Private Proprietary	0	0
CAA	125	7.04
Other	91	5.14
<b>Total</b>	<b>1777</b>	<b>100.00</b>

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 3

Number and Percentage of Agencies and of Participants by Agency Sponsorship  
Participants

Sponsorship/Type	No.	Pct.
<b>Health Agencies:</b>		
<b>State</b>	500,702	9.28
<b>District</b>	655,451	12.15
<b>Multi-County</b>	487,069	9.03
<b>Single-County</b>	1,510,936	28.00
<b>Municipal</b>	460,780	8.54
<b>Community</b>	616,008	11.41
<b>Indian</b>	87,962	1.63
<b>Hospitals:</b>		
<b>Public</b>	187,704	3.48
<b>Private Voluntary</b>	0	0
<b>Private Proprietary</b>	0	0
<b>CAA</b>	345,363	6.40
<b>Other</b>	544,596	10.09
<b>Total</b>	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 4

## Number and Percentage of Agencies and of Participants by Catchment Area

## Agencies

Catchment Area	No.	Pct.
Single Neighborhood	11	0.61
Group of Neighborhoods	55	3.12
City	73	4.12
Portion of One County	81	4.55
One County	937	52.73
Portions of Several Counties	179	10.08
Multiple Counties	280	15.77
State Designated Health District	141	7.95
Special Populations	2	0.11
Entire State	11	0.64
Don't Know	6	0.33
Total	1777	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 4

**Number and Percentage of Agencies and of Participants by Catchment Area**

**Participants**

Catchment Area	No.	Pct.
Single Neighborhood	37,568	0.70
Group of Neighborhoods	172,444	3.20
City	599,629	11.11
Portion of One County	450,812	8.35
One County	1,907,288	35.34
Portions of Several Counties	126,531	2.34
Multiple Counties	807,885	14.97
State Designated Health District	1,031,363	19.11
Special Populations	34,789	0.64
Entire State	80,438	1.49
Don't Know	147,901	2.74
Total	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 5

**Number and Percentage of Agencies and of Participants by Ethnic Populations Served**  
**Agencies**

Percentage Ethnic Participants Served	No.	Pct.
<b>Native Americans:</b>		
0%	560	31.50
0.01% 5.00%	945	53.16
5.01% 10.00%	138	7.79
10.01%-25.00%	27	1.53
25.01%-50.00%	16	0.92
50.01%-75.00%	81	0.47
75.01%-90.00%	0	0
Greater than 90.00%	82	4.63
Total	1777	100.00
<b>Blacks:</b>		
0%	272	15.29
0.01% 5.00%	712	40.07
5.01% 10.00%	113	6.34
10.01%-25.00%	216	12.15
25.01%-50.00%	201	11.28
50.01%-75.00%	158	8.89
75.01%-90.00%	83	4.70
Greater than 90.00%	23	1.28
Total	1777	100.00

(CONTINUED)

Table 5

Number and Percentage of Agencies and of Participants by Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	No.	Pct.
<b>Whites:</b>		
0%	12	0.65
0.01%-5.00%	145	8.18
5.01%-10.00%	76	4.30
10.01%-25.00%	135	7.61
25.01%-50.00%	246	13.86
50.01%-75.00%	267	15.02
75.01%-90.00%	314	17.69
Greater than 90.00%	581	32.69
Total	1777	100.00
<b>Asians:</b>		
0%	498	28.04
0.01%-5.00%	147	64.53
5.01%-10.00%	58	3.29
10.01%-25.00%	61	3.46
25.01%-50.00%	9	0.52
50.01%-75.00%	31	0.18
75.01%-90.00%	0	0
Greater than 90.00%	0	0
Total	1777	100.00

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**Table 5**  
**Number and Percentage of Agencies and of Participants by Ethnic Populations Served**

Agencies

Percentage Ethnic Participants Served	No.	Pct.
<b>Hispanics:</b>		
0%	256	14.43
0.01% - 5.00%	909	51.17
5.01% - 10.00%	150	8.45
10.01% - 25.00%	160	9.02
25.01% - 50.00%	151	8.50
50.01% - 75.00%	69	3.88
75.01% - 90.00%	45	2.54
Greater than 90.00%	36	2.01
<b>Total</b>	<b>1777</b>	<b>100.00</b>

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 5

**Number and Percentage of Agencies and of Participants by Ethnic Populations Served**  
**Participants**

Percentage Ethnic Participants Served	No.	Pct.
<b>Native Americans:</b>		
0%	905,262	16.77
0.01%-5.00%	4,255,251	78.85
5.01%-10.00%	131,365	2.43
10.01%-25.00%	11,496	0.21
25.01%-50.00%	5,387	0.10
50.01%-75.00%	8,529	0.16
75.01%-90.00%	0	0
Greater than 90.00%	79,279	1.47
Total	5,396,569	100.00
<b>Black:</b>		
0%	246,466	4.57
0.01%-5.00%	1,387,881	25.72
5.01%-10.00%	536,853	9.95
10.01%-25.00%	797,130	14.77
25.01%-50.00%	1,159,487	21.49
50.01%-75.00%	921,626	17.08
75.01%-90.00%	315,787	5.85
Greater than 90.00%	31,339	0.58
Total	5,396,569	100.00

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Table 5

Number and Percentage of Agencies and of Participants by Ethnic Populations Served

Participants

Percentage Ethnic Participants Served	No.	Pct.
<b>Whites:</b>		
0%	139,987	2.59
0.01%‐5.00%	682,269	12.64
5.01%‐10.00%	462,117	8.36
10.01%‐25.00%	598,368	11.09
25.01%‐50.00%	1,177,768	21.82
50.01%‐75.00%	866,838	16.06
75.01%‐90.00%	723,848	13.41
Greater than 90.00%	745,355	13.81
Total	5,396,569	100.00
<b>Asians:</b>		
0%	566,714	10.50
0.01%‐5.00%	4,396,397	81.47
5.01%‐10.00%	245,123	4.54
10.01%‐25.00%	122,559	2.27
25.01%‐50.00%	43,759	0.81
50.01%‐75.00%	22,017	0.41
75.01%‐90.00%	0	0
Greater than 90.00%	0	0
Total	5,396,569	100.00

(CONTINUED)

Table 5

**Number and Percentage of Agencies and of Participants by Ethnic Populations Served**  
**Participants**

Percentage Ethnic Participants Served	No.	Pct.
<b>Hispanics:</b>		
0%	178,568	3.31
0.01% - 5.00%	2,439,007	45.20
5.01% - 10.00%	415,180	7.69
10.01% - 25.00%	531,332	9.85
25.01% - 50.00%	752,732	13.95
50.01% - 75.00%	346,270	6.42
75.01% - 90.00%	424,422	7.86
Greater than 90.00%	309,057	5.73
Total	5,396,569	100.00

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table IA.6

Number and Percentage of Agencies and of Participants by Caseload Change Since 1988 and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS-191)												
	Decreased						Stayed About the Same			Increased			Total
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
Native Americans:													
0%	58	10.34	36	6.44	466	83.23	560	100.00					
0.01% - 5.00%	27	2.88	35	3.73	882	93.39	945	100.00					
5.01% - 10.00%	30	21.92	0	0	108	78.08	138	100.00					
10.01% - 25.00%	0	0	0	0	27	100.00	27	100.00					
25.01% - 50.00%	0	0	0	0	16	100.00	16	100.00					
50.01% - 75.00%	0	0	0	0	8	100.00	8	100.00					
75.01% - 90.00%	0	0	0	0	0	0	0	0	0	0	0	0	
Greater than 90.00%	0	0	7	8.84	75	91.16	82	100.00					
Blacks:													
0%	56	20.43	23	8.40	193	71.17	272	100.00					
0.01% - 5.00%	21	2.89	21	2.89	671	94.22	712	100.00					
5.01% - 10.00%	0	0	9	8.16	104	91.85	113	100.00					
10.01% - 25.00%	20	9.41	10	4.70	185	85.90	216	100.00					
25.01% - 50.00%	0	0	0	0	201	100.00	201	100.00					
50.01% - 75.00%	16	9.82	3	1.59	140	88.59	158	100.00					
75.01% - 90.00%	4	4.25	13	15.95	67	79.80	83	100.00					
Greater than 90.00%	0	0	0	0	23	100.00	23	100.00					

(CONTINUED)

Table IA.6

Number and Percentage of Agencies and of Participants by Caseload Change Since 1988 and Ethnic Populations Served  
Agencies

Percentage Ethnic Participants Served		Caseload Change Since 1988 (FNS-191)						Total	
		Decreased			Stayed About the Same			Increased	
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<b>Whites:</b>									
0%	0	0	0	0	0	0	0	12	100.00
0.01%-5.00%	6	4.26	7	5.00	132	90.75	145	100.00	
5.01%-10.00%	0	0	0	0	0	76	100.00	76	100.00
10.01%-25.00%	0	0	23	17.35	112	82.65	135	100.00	
25.01%-50.00%	16	6.30	3	1.02	228	92.68	246	100.00	
50.01%-75.00%	9	3.39	0	0	258	96.61	267	100.00	
75.01%-90.00%	10	3.06	0	0	305	96.94	314	100.00	
Greater than 90.00%	75	12.93	45	7.80	461	79.28	581	100.00	
<b>Asians:</b>									
0%	64	12.76	37	7.45	398	79.79	498	100.00	
0.01%-5.00%	35	3.04	41	3.61	1070	93.35	1147	100.00	
5.01%-10.00%	17	29.16	0	0	41	70.84	58	100.00	
10.01%-25.00%	0	0	0	0	61	100.00	61	100.00	
25.01%-50.00%	0	0	0	0	9	100.00	9	100.00	
50.01%-75.00%	0	0	0	0	3	100.00	3	100.00	
75.01%-90.00%	0	0	0	0	0	0	0	0	
Greater than 90.00%	0	0	0	0	0	0	0	0	

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Table 1A.6

Number and Percentage of Agencies and of Participants by Caseload Change Since 1988 and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FHS-191)						Total	
	Decreased			Stayed About the Same			Increased	
	No.	pct.	No.	pct.	No.	pct.	No.	pct.
<b>Hispanics:</b>								
0%	39	15.20	11	4.20	207	80.61	256	100.00
0.01%‐5.00%	68	7.51	58	6.34	783	86.15	909	100.00
5.01%‐10.00%	2	1.33	0	0	148	98.67	150	100.00
10.01%‐25.00%	4	2.21	0	0	157	97.79	160	100.00
25.01%‐50.00%	0	0	0	0	151	100.00	151	100.00
50.01%‐75.00%	0	0	10	14.69	59	85.31	69	100.00
75.01%‐90.00%	3	5.85	0	0	43	94.15	45	100.00
Greater than 90.00%	0	0	0	0	36	100.00	36	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table IA.6

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Ethnic Populations Served  
Participants

Caseload Change Since 1988 (FNS-191)										
Percentage Ethnic Participants Served	Decreased					Stayed About the Same			Increased	Total
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
Native Americans:										
0%	21,125	2.33	72,134	7.97	812,003	89.70	905,262	100.00		
0.01% - 5.00%	69,687	1.64	19,425	0.46	4,166	139	97,914	255,251	100.00	
5.01% - 10.00%	2,087	1.59	0	0	129,278	98.41	131,365	100.00		
10.01% - 25.00%	0	0	0	0	11,496	100.00	11,496	100.00		
25.01% - 50.00%	0	0	0	0	5,387	100.00	5,387	100.00		
50.01% - 75.00%	0	0	0	0	8,529	100.00	8,529	100.00		
75.01% - 90.00%	0	0	0	0	0	0	0	0		
Greater than 90.00%	0	0	11,185	14.11	68,094	85.89	79,279	100.00		
Blacks:										
0%	5,141	2.09	13,330	5.41	227,996	92.51	246,466	100.00		
0.01% - 5.00%	12,298	0.89	17,640	1.27	1,357,943	97.84	1,387,881	100.00		
5.01% - 10.00%	0	0	8,140	1.52	528,713	98.48	536,853	100.00		
10.01% - 25.00%	52,615	6.60	9,822	1.23	734,693	92.17	797,130	100.00		
25.01% - 50.00%	0	0	0	0	1,159,487	100.00	1,159,487	100.00		
50.01% - 75.00%	4,626	0.50	26,402	2.86	890,598	96.63	921,626	100.00		
75.01% - 90.00%	18,220	5.77	27,410	8.68	270,157	85.55	315,787	100.00		
Greater than 90.00%	0	0	0	0	31,339	100.00	31,339	100.00		

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Table IA.6

Number and Percentage of Agencies and of Participants by Caseload Change Since 1988 and Ethnic Populations Served

## Participants

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FMS-191)									
	Decreased					Increased				
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Whites:										
0%	0	0	0	0	0	0	139,987	100.00	139,987	100.00
0.01%‐5.00%	43,752	6.41	11,185	1.64	627,331	91.95	682,269	100.00		
5.01%‐10.00%	0	0	0	0	462,117	100.00	462,117	100.00		
10.01%‐25.00%	0	0	37,232	6.22	561,155	93.78	598,388	100.00		
25.01%‐50.00%	4,626	0.39	26,402	2.24	1,146,741	97.37	1,177,768	100.00		
50.01%‐75.00%	22,956	2.65	0	0	843,882	97.35	866,838	100.00		
75.01%‐90.00%	8,011	1.11	0	0	715,837	98.89	723,848	100.00		
Greater than 90.00%	13,554	1.82	27,925	3.75	703,876	94.44	745,355	100.00		
Asians:										
0%	14,012	2.47	34,858	6.15	517,844	91.38	566,714	100.00		
0.01%‐5.00%	59,728	1.36	67,886	1.54	4,268,783	97.10	4,396,397	100.00		
5.01%‐10.00%	19,159	7.82	0	0	225,964	92.18	245,123	100.00		
10.01%‐25.00%	0	0	0	0	122,559	100.00	122,559	100.00		
25.01%‐50.00%	0	0	0	0	43,759	100.00	43,759	100.00		
50.01%‐75.00%	0	0	0	0	22,017	100.00	22,017	100.00		
75.01%‐90.00%	0	0	0	0	0	0	0	0	0	0
Greater than 90.00%	0	0	0	0	0	0	0	0	0	0

(CONTINUED)

Table IA.6

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Ethnic Populations Served

## Participants

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS-191)						Total	
	Decreased		Stayed About the Same		Increased			
	No.	Pct.	No.	Pct.	No.	Pct.		
Hispanics:								
0%	6,213	3.48	7,947	4.45	164,408	92.07	178,568 100.00	
0.01%‐5.00%	24,963	1.02	84,975	3.48	2,329,068	95.49	2,439,007 100.00	
5.01%‐10.00%	17,970	4.33	0	0	397,210	95.67	415,180 100.00	
10.01%‐25.00%	18,220	3.43	0	0	513,112	96.57	531,332 100.00	
25.01%‐50.00%	0	0	0	0	752,732	100.00	752,732 100.00	
50.01%‐75.00%	0	0	9,822	2.84	336,448	97.16	346,270 100.00	
75.01%‐90.00%	25,532	6.02	0	0	398,890	93.98	424,422 100.00	
Greater than 90.00%	0	0	0	0	309,057	100.00	309,057 100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 1B.6

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Current Operating Level						Total			
	Below Capacity		At Capacity		Above Capacity		No.	Pct.		
	No.	Pct.	No.	Pct.	No.	Pct.				
<b>Native Americans:</b>										
0%	191	34.10	286	51.09	83	14.81	560	100.00		
0.01%-5.00%	254	26.88	463	48.97	228	24.14	945	100.00		
5.01%-10.00%	39	28.20	87	62.95	12	8.86	138	100.00		
10.01%-25.00%	0	0	0	0	27	100.00	27	100.00		
25.01%-50.00%	16	100.00	0	0	0	0	0	0	16	100.00
50.01%-75.00%	0	0	8	100.00	0	0	8	100.00		
75.01%-90.00%	0	0	0	0	0	0	0	0	0	0
Greater than 90.00%	37	45.07	35	42.15	11	12.78	82	100.00		
<b>Blacks:</b>										
0%	116	42.72	130	47.81	26	9.47	272	100.00		
0.01%-5.00%	172	24.13	408	57.31	132	18.56	712	100.00		
5.01%-10.00%	46	41.10	50	44.06	17	14.84	113	100.00		
10.01%-25.00%	57	26.47	100	46.54	58	26.99	216	100.00		
25.01%-50.00%	40	20.12	87	43.58	73	36.30	201	100.00		
50.01%-75.00%	64	40.33	58	36.80	36	22.87	158	100.00		
75.01%-90.00%	32	38.72	32	38.30	19	22.98	83	100.00		
Greater than 90.00%	10	42.20	13	57.80	0	0	23	100.00		

(CONTINUED)

Table 1B.6

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Ethnic Populations Served  
Agencies

Percentage Ethnic Participants Served	Current Operating Level						Total		
	Below Capacity		At Capacity		Above Capacity		No.	Pct.	
	No.	Pct.	No.	Pct.	No.	Pct.			
<b>Whites:</b>									
0%	0	1	8.69	11	91.31	12	100.00		
0.01% - 5.00%	69	47.37	57	38.91	20	13.72	145	100.00	
5.01% - 10.00%	21	26.93	34	44.46	22	28.61	76	100.00	
10.01% - 25.00%	41	30.80	55	40.59	39	28.81	135	100.00	
25.01% - 50.00%	101	41.05	95	38.50	50	20.45	246	100.00	
50.01% - 75.00%	69	25.97	105	39.39	92	34.64	267	100.00	
75.01% - 90.00%	66	21.10	176	56.03	72	22.87	314	100.00	
Greater than 90.00%	170	29.21	356	61.32	55	9.47	581	100.00	
<b>Asians:</b>									
0%	172	34.46	252	50.56	75	14.98	498	100.00	
0.01% - 5.00%	320	27.90	569	49.59	258	22.51	1147	100.00	
5.01% - 10.00%	17	29.16	18	30.83	23	40.01	58	100.00	
10.01% - 25.00%	16	26.70	40	65.49	5	7.82	61	100.00	
25.01% - 50.00%	9	100.00	0	0	0	0	9	100.00	
50.01% - 75.00%	3	100.00	0	0	0	0	3	100.00	
75.01% - 90.00%	0	0	0	0	0	0	0	0	
Greater than 90.00%	0	0	0	0	0	0	0	0	

(CONTINUED)

Table 1B.6

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Current Operating Level						Total	
	Below Capacity		At Capacity		Above Capacity		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
<b>Hispanics:</b>								
0%	106	41.38	104	40.55	46	18.07	256	100.00
0.01%-5.00%	253	27.80	507	55.77	149	16.43	909	100.00
5.01%-10.00%	37	24.36	74	49.51	39	26.13	150	100.00
10.01%-25.00%	50	30.91	82	51.02	29	18.07	160	100.00
25.01%-50.00%	60	39.46	45	29.67	47	30.88	151	100.00
50.01%-75.00%	2	2.77	41	59.33	26	37.90	69	100.00
75.01%-90.00%	16	36.67	15	33.66	14	31.68	45	100.00
Greater than 90.00%	15	42.36	11	29.78	10	27.86	36	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 1B.6

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Ethnic Populations Served

## Participants

Percentage Ethnic Participants Served	Current Operating Level						Total			
	Below Capacity		At Capacity		Above Capacity		No.	Pct.	No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.				
<b>Native Americans:</b>										
0%	267,679	29.57	557,282	61.56	80,301	8.87	905	262	100.00	
0.01%-5.00%	1,284,994	30.20	1,569,684	36.42	1,420,573	33.38	4,255	251	100.00	
5.01%-10.00%	57,283	43.61	49,363	37.56	24,740	18.83	131	365	100.00	
10.01%-25.00%	0	0	0	0	11,496	100.00	11	496	100.00	
25.01%-50.00%	5,387	100.00	0	0	0	0	0	0	5,387	100.00
50.01%-75.00%	0	0	8,529	100.00	0	0	0	0	8,529	100.00
75.01%-90.00%	0	0	0	0	0	0	0	0	0	0
Greater than 90.00%	13,443	16.96	58,667	74.00	7,169	9.04	79,279	100.00		
<b>Blacks:</b>										
0%	27,593	11.20	206,485	83.78	12,388	5.03	246	466	100.00	
0.01%-5.00%	455,136	32.79	634,937	45.75	297,808	21.46	1,387	881	100.00	
5.01%-10.00%	122,463	22.81	270,562	50.40	143,828	26.79	536	853	100.00	
10.01%-25.00%	303,632	38.09	230,171	28.87	263,327	33.03	797	130	100.00	
25.01%-50.00%	265,934	22.94	491,487	42.39	402,066	34.68	1,159	487	100.00	
50.01%-75.00%	328,673	35.66	241,476	26.20	351,477	38.14	921	626	100.00	
75.01%-90.00%	119,024	37.69	123,380	39.07	73,384	23.24	315	787	100.00	
Greater than 90.00%	1,6,330	20.20	25,008	79.80	0	0	31,339	100.00		

((CONTINUED))

Table 1B.6

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Ethnic Populations Served

## Participants

Percentage Ethnic Participants Served	Current Operating Level						Total			
	Below Capacity		At Capacity		Above Capacity		No.	Pct.	No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.				
<b>Whites:</b>										
0%	0	0	132,818	94.88	7,169	5.12	139,987	100.00		
0.01%-5.00%	234,095	34.31	311,605	45.67	136,568	20.02	682,259	100.00		
5.01%-10.00%	138,939	30.07	87,114	18.85	236,064	51.08	462,117	100.00		
10.01%-25.00%	184,048	30.76	219,716	36.72	194,624	32.52	598,388	100.00		
25.01%-50.00%	374,722	31.82	430,309	36.54	372,738	31.65	1,177,758	100.00		
50.01%-75.00%	234,460	27.05	288,912	33.33	343,466	39.62	866,838	100.00		
75.01%-90.00%	229,996	31.77	367,759	50.81	126,093	17.42	723,848	100.00		
Greater than 90.00%	232,526	31.20	385,271	51.69	127,558	17.11	745,355	100.00		
<b>Asians:</b>										
0%	165,271	29.16	322,559	56.92	78,884	13.92	566,714	100.00		
0.01%-5.00%	1,373,192	31.23	1,667,867	37.94	1,355,337	30.83	4,396,397	100.00		
5.01%-10.00%	19,159	7.82	137,725	56.19	88,239	36.00	265,123	100.00		
10.01%-25.00%	5,387	4.40	95,355	77.80	21,818	17.80	122,559	100.00		
25.01%-50.00%	43,759	100.00	0	0	0	0	43,759	100.00		
50.01%-75.00%	22,017	100.00	0	0	0	0	22,017	100.00		
75.01%-90.00%	0	0	0	0	0	0	0	0		
Greater than 90.00%	0	0	0	0	0	0	0	0		

(CONTINUED)

Table 1B.6

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Ethnic Populations Served  
Participants

Percentage Ethnic Participants Served	Current Operating Level						Total	
	Below Capacity		At Capacity		Above Capacity		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
<b>Hispanics:</b>								
0%	58,952	33.01	96,826	54.22	22,791	12.76	178,568	100.00
0.01% 5.00%	767,833	31.48	1,073,162	44.00	598,012	24.52	2,439,007	100.00
5.01% 10.00%	151,650	36.53	93,902	22.62	169,628	40.86	415,180	100.00
10.01% 25.00%	106,927	20.12	275,530	51.88	148,776	28.00	531,332	100.00
25.01% 50.00%	275,937	36.66	205,401	27.29	271,394	36.05	752,732	100.00
50.01% 75.00%	56,048	16.19	134,703	38.90	155,519	44.91	346,270	100.00
75.01% 90.00%	78,343	18.46	173,737	40.93	172,342	40.61	424,422	100.00
Greater than 90.00%	133,095	43.06	170,115	55.05	5,817	1.88	309,057	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 6

**Number and Percentage of Agencies and of Participants by Size of WIC Local Agency**

**Agencies**

Total Number of Sites Providing WIC Services	Caseload size										Total					
	0-99		100-999		1000-1999		2000-9999		10000-24999		25000-49999		50000 or More			
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.			
1 Site	99	19.54	296	58.22	84	16.48	29	5.76	0	0	0	0	509	100.00		
2-3 Sites	0	0	230	43.75	162	30.75	134	25.49	0	0	0	0	525	100.00		
4-5 Sites	0	0	65	24.92	81	31.15	113	43.17	2	0.75	0	0	0	261	100.00	
6-10 Sites	0	0	26	9.14	58	20.38	173	60.73	27	9.40	1	0.35	0	0	284	100.00
11-25 Sites	0	0	10	5.47	20	11.30	89	50.97	44	25.57	11	6.12	1	0.58	174	100.00
Over 25 Sites	0	0	0	0	8	33.99	11	4.27	7	31.83	3	12.82	4	17.09	23	100.00

**Participants**

Total Number of Sites Providing WIC Services	Caseload size										Total			
	0-99		100-999		1000-1999		2000-9999		10000-24999		25000-49999		50000 or More	
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
1 Site	7,125	2.02	163,997	46.58	110,983	31.52	69,987	19.88	0	0	0	0	0	0
2-3 Sites	0	0	117,516	14.65	225,653	28.13	459,094	57.22	0	0	0	0	0	0
4-5 Sites	0	0	41,959	6.13	141,160	20.62	466,695	68.18	34,709	5.07	0	0	0	0
6-10 Sites	0	0	18,550	1.47	81,672	6.46	748,752	59.26	376,307	29.78	38,164	3.02	0	0
11-25 Sites	0	0	8,512	0.55	35,438	2.28	529,097	33.98	574,288	36.88	353,745	22.72	55,945	3.59
Over 25 Sites	0	0	0	0	10,714	1.45	3,885	0.53	128,658	17.45	121,967	16.54	471,997	64.02

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 7

**Number and Percentage of Agencies and of Participants by Perceived Caseload Change Since 1988 and Actual Growth Agencies**

Growth in Participants Served by Agency (1988-1992)	Perceived Caseload Change Since 1988						Total	
	Decreased			Increased				
	No.	Pct.	No.	Pct.	No.	Pct.		
Less than 15%	17	4.35	65	17.04	298	78.61	379 100.00	
15% to 33%	0	0	61	15.39	336	84.61	398 100.00	
33% to 50%	3	0.92	0	0	314	99.08	317 100.00	
50% to 100%	9	1.73	0	0	485	98.27	493 100.00	
Greater than 100%	0	0	0	0	146	100.00	146 100.00	
Not Applicable	0	0	0	0	43	100.00	43 100.00	

**Participants**

Growth in Participants Served by Agency (1988-1992)	Perceived Caseload Change Since 1988						Total	
	Decreased			Increased				
	No.	Pct.	No.	Pct.	No.	Pct.		
Less than 15%	60,571	8.93	76,761	11.32	540,676	79.74	678,008 100.00	
15% to 33%	0	0	73,243	6.13	1,121,167	93.87	1,194,411 100.00	
33% to 50%	27,168	2.63	0	0	1,006,317	97.37	1,033,484 100.00	
50% to 100%	33,267	1.80	0	0	1,813,858	98.20	1,847,125 100.00	
Greater than 100%	0	0	0	0	607,400	100.00	607,400 100.00	
Not Applicable	0	0	0	0	36,141	100.00	36,141 100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 8

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Agency Sponsorship

## Agencies

Sponsorship Type	Caseload Change Since 1988 (FNS-191)						Total	
	Decreased			Increased				
	No.	Pct.	No.	Pct.	No.	Pct.		
Health Agencies	112	7.36	79	5.16	1330	87.48	1521   100.00	
Hospitals	0	0	0	0	40	100.00	40   100.00	
CJA	4	2.83	0	0	122	97.17	125   100.00	
Other	0	0	0	0	91	100.00	91   100.00	

## Participants

Sponsorship Type	Caseload Change Since 1988 (FNS-191)						Total	
	Decreased			Increased				
	No.	Pct.	No.	Pct.	No.	Pct.		
Health Agencies	89,560	2.07	102,744	2.38	4,126,603	95.55	4,318,906   100.00	
Hospitals	0	0	0	0	187,704	100.00	187,704   100.00	
CJA	3,339	0.97	0	0	342,023	99.03	345,363   100.00	
Other	0	0	0	0	544,596	100.00	544,596   100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 9

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Catchment Area

## Agencies

Catchment Area	Caseload Change Since 1988 (FNS-191)												
	Decreased						Stayed About the Same			Increased			Total
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.
Single Neighborhood	0	0	0	0	0	0	11	100.00	11	100.00	11	100.00	11
Group of Neighborhoods	31	4.77	0	0	53	95.23	55	100.00	55	100.00	55	100.00	55
City	0	0	0	0	0	0	73	100.00	73	100.00	73	100.00	73
Portion of One County	0	0	10	12.55	71	87.45	81	100.00	81	100.00	81	100.00	81
One County	83	8.87	44	4.74	809	86.39	937	100.00	937	100.00	937	100.00	937
Portions of Several Counties	25	14.05	0	0	154	85.95	179	100.00	179	100.00	179	100.00	179
Multiple Counties	11	0.36	11	3.84	268	95.80	280	100.00	280	100.00	280	100.00	280
State Designated Health District	4	2.51	6	4.19	132	93.30	141	100.00	141	100.00	141	100.00	141
Special Populations	0	0	0	0	2	100.00	2	100.00	2	100.00	2	100.00	2
Entire State	0	0	71	63.84	4	36.16	11	100.00	11	100.00	11	100.00	11
Don't Know	0	0	0	0	6	100.00	6	100.00	6	100.00	6	100.00	6

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 9

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Catchment Area

## Participants

Catchment Area	Caseload Change Since 1988 (FNS-191)										Total	
	Decreased		Stayed About the Same		Increased		No.		Pct.			
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
Single Neighborhood	0	0	0	0	0	0	37,568	100.00	37,568	100.00		
Group of Neighborhoods	25,532	14.81	0	0	146,913	85.19	172,444	100.00				
City	0	0	0	0	599,629	100.00	599,629	100.00				
Portion of One County	0	0	9,822	2.18	440,990	97.82	450,812	100.00				
One County	42,208	2.21	27,565	1.45	1,837,515	96.34	1,907,288	100.00				
Portions of Several Counties	3,054	2.41	0	0	123,478	97.59	126,531	100.00				
Multiple Counties	3,885	0.48	7,947	0.98	796,054	98.54	807,885	100.00				
State Designated Health District	18,220	1.77	46,226	4.48	966,917	93.75	1,031,363	100.00				
Special Populations	0	0	0	0	36,709	100.00	34,709	100.00				
Entire State	0	0	11,185	13.90	69,253	86.10	80,438	100.00				
Don't Know	0	0	0	0	147,901	100.00	147,901	100.00				

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 10

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS 191)						Total	
	Decreased			Stayed About the Same			Increased	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<b>Native Americans:</b>								
0%	58	10.34	36	6.44	466	83.23	560	100.00
0.01%-5.00%	27	2.88	35	3.73	882	93.39	945	100.00
5.01%-10.00%	30	21.92	0	0	108	78.08	138	100.00
10.01%-25.00%	0	0	0	0	27	100.00	27	100.00
25.01%-50.00%	0	0	0	0	16	100.00	16	100.00
50.01%-75.00%	0	0	0	0	8	100.00	8	100.00
75.01%-90.00%	0	0	0	0	0	0	0	0
Greater than 90.00%	0	0	7	8.86	75	91.16	82	100.00
<b>Blacks:</b>								
0%	56	20.43	23	8.40	193	71.17	272	100.00
0.01%-5.00%	21	2.89	21	2.89	671	94.22	712	100.00
5.01%-10.00%	0	0	9	8.16	104	91.85	113	100.00
10.01%-25.00%	20	9.41	10	4.70	185	85.90	216	100.00
25.01%-50.00%	0	0	0	0	201	100.00	201	100.00
50.01%-75.00%	16	9.82	3	1.59	140	88.59	158	100.00
75.01%-90.00%	4	4.25	13	15.95	67	79.80	83	100.00
Greater than 90.00%	1	0	0	0	23	100.00	23	100.00

(CONTINUED)

Table 10

Number and Percentage of Agencies and of Participants by Caseload Change Since 1988 and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS-191)												Total	
	Decreased				Stayed About the Same				Increased					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
<b>Whites:</b>														
0%	0	0	0	0	0	0	0	0	12	100.00	12	100.00		
0.01%-5.00%	61	4.26	7	5.00	132	90.75	145	100.00						
5.01%-10.00%	0	0	0	0	0	0	76	100.00	76	100.00				
10.01%-25.00%	0	0	23	17.35	112	82.65	135	100.00						
25.01%-50.00%	161	6.30	3	1.02	228	92.68	246	100.00						
50.01%-75.00%	9	3.39	0	0	258	96.61	267	100.00						
75.01%-90.00%	10	3.06	0	0	305	96.94	314	100.00						
Greater than 90.00%	75	12.93	45	7.80	461	79.28	581	100.00						
<b>Asians:</b>														
0%	64	12.76	37	7.45	398	79.79	498	100.00						
0.01%-5.00%	35	3.04	41	3.61	1070	93.35	1147	100.00						
5.01%-10.00%	17	29.16	0	0	41	70.84	581	100.00						
10.01%-25.00%	0	0	0	0	61	100.00	61	100.00						
25.01%-50.00%	0	0	0	0	9	100.00	9	100.00						
50.01%-75.00%	0	0	0	0	3	100.00	3	100.00						
75.01%-90.00%	0	0	0	0	0	0	0	0	0	0	0	0	0	
Greater than 90.00%	0	0	0	0	0	0	0	0	0	0	0	0	0	

(CONTINUED)

Table 10

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Ethnic Populations Served

## Agencies

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS-191)						Total	
	Decreased			Stayed About the Same			Increased	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<b>Hispanics:</b>								
0%	39	15.20	11	4.20	207	80.61	256	100.00
0.01%-5.00%	68	7.51	58	6.34	783	86.15	909	100.00
5.01%-10.00%	2	1.33	0	0	148	98.67	150	100.00
10.01%-25.00%	4	2.21	0	0	157	97.79	160	100.00
25.01%-50.00%	0	0	0	0	151	100.00	151	100.00
50.01%-75.00%	0	0	10	14.69	59	85.31	69	100.00
75.01%-90.00%	3	5.85	0	0	43	94.15	45	100.00
Greater than 90.00%	0	0	0	0	36	100.00	36	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 10

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Ethnic Populations Served

## Participants

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS-191)						Total		
	Decreased			Stayed About the Same			Increased		
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.
<b>Native Americans:</b>									
0%	21,125	2.33	72,134	7.97	812,003	89.70	905,262	100.00	
0.01%-5.00%	69,687	1.64	19,425	0.46	4,166,139	97.91	4,255,251	100.00	
5.01%-10.00%	2,087	1.59	0	0	129,278	98.41	-131,365	100.00	
10.01%-25.00%	0	0	0	0	11,496	100.00	11,496	100.00	
25.01%-50.00%	0	0	0	0	5,387	100.00	5,387	100.00	
50.01%-75.00%	0	0	0	0	8,529	100.00	8,529	100.00	
75.01%-90.00%	0	0	0	0	0	0	0	0	
Greater than 90.00%	0	0	11,185	14.11	68,094	85.89	79,279	100.00	
<b>Blacks:</b>									
0%	5,141	2.09	13,330	5.41	227,996	92.51	266,466	100.00	
0.01%-5.00%	12,298	0.89	17,640	1.27	1,357,943	97.84	1,387,881	100.00	
5.01%-10.00%	0	0	8,140	1.52	528,713	98.48	536,853	100.00	
10.01%-25.00%	52,615	6.60	9,822	1.23	734,693	92.17	797,130	100.00	
25.01%-50.00%	0	0	0	0	1,159,487	100.00	1,159,487	100.00	
50.01%-75.00%	4,626	0.50	26,402	2.86	890,598	96.63	921,626	100.00	
75.01%-90.00%	18,220	5.77	27,410	8.68	270,157	85.55	315,787	100.00	
Greater than 90.00%	0	0	0	0	31,339	100.00	31,339	100.00	

(CONTINUED)

Table 10

Number and Percentage of Agencies and of Participants by Caseload Change Since 1988 and Ethnic Populations Served  
Participants

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FNS-191)						Total		
	Decreased		Stayed About the Same		Increased		No.	Pct.	
	No.	Pct.	No.	Pct.	No.	Pct.			
<b>Whites:</b>									
0%	0	0	0	0	139,987	100.00	139,987	100.00	
0.01%‐5.00%	43,752	6.41	11,185	1.64	627,331	91.95	682,269	100.00	
5.01%‐10.00%	0	0	0	0	462,117	100.00	462,117	100.00	
10.01%‐25.00%	0	0	37,232	6.22	561,155	93.78	598,388	100.00	
25.01%‐50.00%	4,626	0.39	26,402	2.24	1,146,741	97.37	1,177,788	100.00	
50.01%‐75.00%	22,956	2.65	0	0	843,882	97.35	866,838	100.00	
75.01%‐90.00%	8,011	1.11	0	0	715,837	98.89	723,848	100.00	
Greater than 90.00%	13,554	1.82	27,925	3.75	703,876	94.44	745,355	100.00	
<b>Asians:</b>									
0%	14,012	2.47	34,858	6.15	517,844	91.38	566,714	100.00	
0.01%‐5.00%	59,728	1.36	67,886	1.54	6,268,783	97.10	4,396,397	100.00	
5.01%‐10.00%	19,159	7.82	0	0	225,964	92.18	245,123	100.00	
10.01%‐25.00%	0	0	0	0	122,559	100.00	122,559	100.00	
25.01%‐50.00%	0	0	0	0	43,759	100.00	43,759	100.00	
50.01%‐75.00%	0	0	0	0	22,017	100.00	22,017	100.00	
75.01%‐90.00%	0	0	0	0	0	0	0	0	
Greater than 90.00%	0	0	0	0	0	0	0	0	

(CONTINUED)

Table 10

Number and Percentage of Agencies and of Participants by  
Caseload Change Since 1988 and Ethnic Populations Served

Participants

Percentage Ethnic Participants Served	Caseload Change Since 1988 (FMS-191)						Total	
	Decreased		Stayed About the Same		Increased			
	No.	Pct.	No.	Pct.	No.	Pct.		
<b>Hispanics:</b>								
0%	6,213	3.48	7,947	4.45	164,408	92.07	178,568 100.00	
0.01% - 5.00%	24,963	1.02	84,975	3.48	2,329,068	95.49	2,439,007 100.00	
5.01% - 10.00%	17,970	4.33	0	0	397,210	95.67	415,180 100.00	
10.01% - 25.00%	18,220	3.43	0	0	513,112	96.57	531,332 100.00	
25.01% - 50.00%	0	0	0	0	752,732	100.00	752,732 100.00	
50.01% - 75.00%	0	0	9,822	2.84	336,448	97.16	346,270 100.00	
75.01% - 90.00%	25,532	6.02	0	0	398,890	93.98	424,422 100.00	
Greater than 90.00%	0	0	0	0	309,057	100.00	309,057 100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 11

**Number and Percentage of Agencies and of Participants by  
Operating Capacity and Agency Size**

**Agencies**

Agency Size (in No. of Participants)	Current Operating Level						Total	
	Below Capacity		At Capacity		Above Capacity			
	No.	Pct.	No.	Pct.	No.	Pct.		
0-99	60	60.49	39	39.51	0	0.00	99   100.00	
100-999	159	25.38	369	58.81	99	15.81	627   100.00	
1000-1999	128	30.94	184	44.71	100	24.35	412   100.00	
2000-9999	155	28.74	252	46.75	132	24.51	538   100.00	
10000-24999	30	37.58	31	38.35	19	24.07	81   100.00	
25000-49999	6	37.73	2	13.67	7	48.60	15   100.00	
50000 or More	0	0.00	2	40.00	3	60.00	5   100.00	

**Participants**

Agency Size (in No. of Participants)	Current Operating Level						Total	
	Below Capacity		At Capacity		Above Capacity			
	No.	Pct.	No.	Pct.	No.	Pct.		
0-99	4,345	60.99	2,780	39.01	0	0.00	7,125   100.00	
100-999	73,857	21.07	216,841	61.86	59,837	17.07	350,534   100.00	
1000-1999	183,554	30.31	268,613	44.35	153,453	25.34	605,621   100.00	
2000-9999	751,636	33.00	959,774	42.14	566,100	24.86	2,277,510   100.00	
10000-24999	417,389	37.47	433,334	38.90	263,239	23.63	1,113,962   100.00	
25000-49999	198,004	38.53	82,797	16.11	233,074	45.36	513,875   100.00	
50000 or More	0	0.00	259,366	49.13	268,576	50.87	527,942   100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 12 (Row Pcts)

Number and Percentage of Agencies and of Participants by  
Operating Capacity and Percentage Growth

## Agencies

Growth in Participants Served by Agency (1988-1992)	Current Operating Level						Total
	Below Capacity		At Capacity		Above Capacity		
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Less than 15%	141	37.30	195	51.47	43	11.23	379 100.00
15% to 33%	71	17.87	220	55.39	106	26.74	398 100.00
33% to 50%	111	34.95	119	37.62	87	27.44	317 100.00
50% to 100%	138	28.07	274	55.57	81	16.36	493 100.00
Greater than 100%	59	40.43	54	36.82	33	22.75	146 100.00
Not Applicable	16	37.81	16	36.82	11	25.38	43 100.00

## Participants

Growth in Participants Served by Agency (1988-1992)	Current Operating Level						Total
	Below Capacity		At Capacity		Above Capacity		
No.	No.	No.	No.	No.	No.	No.	No.
Less than 15%	225,485	33.26	301,781	44.51	150,743	22.23	678,008 100.00
15% to 33%	262,128	21.95	473,092	39.61	459,192	38.45	1,194,411 100.00
33% to 50%	306,195	29.63	442,974	42.86	286,315	27.51	1,033,484 100.00
50% to 100%	566,704	30.68	765,131	41.42	515,290	27.90	1,847,125 100.00
Greater than 100%	262,888	43.28	218,841	36.03	125,671	20.69	607,400 100.00
Not Applicable	5,387	14.91	21,687	60.01	9,067	25.09	36,141 100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 12 (Column Pcts)

**Number and Percentage of Agencies and of Participants by  
Operating Capacity and Percentage Growth**

**Agencies**

Growth in Participants Served by Agency (1988-1992)	Current Operating Level						Total	
	Below Capacity		At Capacity		Above Capacity		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
Less than 15%	141	26.33	195	22.22	43	11.80	379	21.35
15% to 33%	71	13.22	220	25.07	106	29.47	398	22.38
33% to 50%	111	20.64	119	13.59	87	24.13	317	17.86
50% to 100%	138	25.77	274	31.20	81	22.36	493	27.76
Greater than 100%	59	10.98	54	6.11	33	9.20	146	8.21
Not Applicable	16	3.05	16	1.82	11	3.05	43	2.44
Total	537	100.00	879	100.00	361	100.00	1777	100.00

**Participants**

Growth in Participants Served by Agency (1988-1992)	Current Operating Level						Total	
	Below Capacity		At Capacity		Above Capacity		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
Less than 15%	225,485	13.84	301,781	13.57	150,743	9.76	678,008	12.56
15% to 33%	262,128	16.09	473,092	21.28	459,192	29.74	1,194,411	22.13
33% to 50%	306,195	18.80	442,974	19.92	284,315	18.41	1,033,484	19.15
50% to 100%	566,704	34.79	765,131	34.41	515,290	33.37	1,847,125	36.23
Greater than 100%	262,888	16.14	218,841	9.84	125,671	8.14	607,400	11.26
Not Applicable	5,387	0.33	21,687	0.98	9,067	0.59	36,141	0.67
Total	1,628,786	100.00	2,223,505	100.00	1,544,278	100.00	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 13

**Number and Percentage of Agencies and Affected Participants by Agencies' Perceived Impact of Caseload Fluctuations**

**Agencies**

Caserload Fluctuation Factors	Perceived Impact on Agency Operations						Total	
	Impact		No Impact		Not Applicable			
	No.	Pct.	No.	Pct.	No.	Pct.		
Caserload Increases	1523	85.70	208	11.71	30	1.67	16   0.92   1777   100.00	
Caserload Decreases	535	30.12	428	24.11	797	44.85	16   0.92   1777   100.00	
Reprioritizing or Targeting Caseload	1069	60.18	365	20.53	326	18.36	16   0.92   1777   100.00	
Other	29	1.61	12	0.68	1720	96.78	16   0.92   1777   100.00	

**Participants**

Caserload Fluctuation Factors	Perceived Impact on Agency Operations						Total	
	Impact		No Impact		Not Applicable			
	No.	Pct.	No.	Pct.	No.	Pct.		
Caserload Increases	5,084,011	94.21	244,082	4.52	63,089	1.17	5,387   0.10   5,396,569   100.00	
Caserload Decreases	2,185,469	40.50	878,375	16.28	2,327,338	43.13	5,387   0.10   5,396,569   100.00	
Reprioritizing or Targeting Caseload	3,902,603	72.32	752,032	13.94	736,547	13.65	5,387   0.10   5,396,569   100.00	
Other	125,074	2.32	6,426	0.12	5,259,683	97.46	5,387   0.10   5,396,569   100.00	

**NOTE:** Local agencies were asked to indicate all factors which impacted their operations. Consequently, responses are not mutually exclusive. For instance, in the 5 year period under study, some agencies experienced both caseload increases and decreases.

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 14

Number and Percentage of Agencies and Affected Participants by Agencies, Perceived Impact of Factors Related to Economic Factors

## Agencies

Economic Factors	Perceived Impact on Agency Operations						Total	
	Impact		No Impact		Not Applicable		Don't Know	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Federal Funding	1379	77.61	331	18.65	50	2.82	16	0.92
Availability of State Funds for WIC	1117	62.88	288	16.18	356	20.02	16	0.92
Availability of Local Funds for WIC	663	37.30	345	19.41	753	42.37	16	0.92
Downturn in Local Economy	1374	77.30	258	14.55	129	7.23	16	0.92
State Budget Cuts	794	44.69	563	31.70	403	22.69	16	0.92
Food Cost Fluctuations	1241	69.84	414	23.29	106	5.95	16	0.92
Infant Formula Rebates	1527	85.94	208	11.70	26	1.44	16	0.92
Other	8	0.45	0	0	1753	98.62	16	0.92

NOTE: Local agencies were asked to indicate all factors which impacted their operations. Consequently, responses are not mutually exclusive. For instance, in the 5 year period under study, some agencies experienced both caseload increases and decreases.

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 14

**Number and Percentage of Agencies and Affected Participants by Agencies' Perceived Impact of Factors Related to Economic Factors**

Participants

Economic Factors	Perceived Impact on Agency Operations						Total		
	Impact		No Impact		Not Applicable		Don't Know		Pct.
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
Federal Funding	4,682,071	86.76	598,100	11.08	111,011	2.06	5,387	0.10	5,396,569   100.00
Availability of State Funds for WIC	3,060,375	56.71	888,466	16.46	1,442,341	26.73	5,387	0.10	5,396,569   100.00
Availability of Local Funds for WIC	1,748,515	32.40	909,794	16.86	2,732,873	50.64	5,387	0.10	5,396,569   100.00
Downturn in Local Economy	4,420,592	81.91	680,426	12.61	290,164	5.38	5,387	0.10	5,396,569   100.00
State Budget Cuts	2,563,392	47.50	1,832,567	33.96	995,224	18.44	5,387	0.10	5,396,569   100.00
Food Cost Fluctuations	4,210,605	78.02	1,049,313	19.44	131,263	2.43	5,387	0.10	5,396,569   100.00
Infant Formula Rebates	4,877,876	90.39	440,898	8.17	72,418	1.34	5,387	0.10	5,396,569   100.00
Other	77,413	1.43	0	0	5,313,769	98.47	5,387	0.10	5,396,569   100.00

**NOTE:** Local agencies were asked to indicate all factors which impacted their operations. Consequently, responses are not mutually exclusive. For instance, in the 5 year period under study, some agencies experienced both caseload increases and decreases.

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 15

Number and Percentage of Agencies and Affected Participants by Agencies' Perceived Impact of New Program Requirements

New Program Requirements	Perceived Impact on Agency Operations						Total			
	Impact		No Impact		Not Applicable					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Breastfeeding Promotion Requirements	1561	87.86	160	9.01	39	2.21	16	0.92	1777	100.00
Drug Abuse Education Requirements	1006	56.63	605	34.03	150	8.42	16	0.92	1777	100.00
Homeless Service Requirements	601	33.84	1002	56.36	158	8.88	16	0.92	1777	100.00
Vendor Management Initiatives	823	46.33	738	41.50	200	11.24	16	0.92	1777	100.00
Other	89	4.99	21	1.20	1650	92.88	16	0.92	1777	100.00

## Participants

New Program Requirements	Perceived Impact on Agency Operations						Total				
	Impact		No Impact		Not Applicable						
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
Breastfeeding Promotion Requirements	5,002	793	92.70	377,628	7.00	10,761	0.20	5,387	0.10	5,396,569	100.00
Drug Abuse Education Requirements	3,610	358	66.90	1,594,669	29.55	186,356	3.45	5,387	0.10	5,396,569	100.00
Homeless Service Requirements	2,847	169	52.76	2,256,237	41.81	287,776	5.33	5,387	0.10	5,396,569	100.00
Vendor Management Initiatives	3,091	690	57.29	1,775,230	32.90	524,262	9.71	5,387	0.10	5,396,569	100.00
Other	246,967	4.58	72,100	1.36	5,072,115	93.99	5,387	0.10	5,396,569	100.00	

NOTE: Local agencies were asked to indicate all factors which impacted their operations. Consequently, responses are not mutually exclusive. For instance, in the 5 year period under study, some agencies experienced both caseload increases and decreases.

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 16  
Number and Percentage of Agencies and Affected Participants by  
Agencies' Perceived Impact of Other Initiatives and Factors

Agencies

Other Initiatives and Factors	Perceived Impact on Agency Operations										Total No. Pct.	
	Impact		No Impact		Not Applicable		Don't Know					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
Medicaid Expansion	1370	77.09	349	19.62	42	2.37	16	0.92	1777	100.00		
Coordination/Integration of Services	1062	59.74	394	22.17	305	17.16	16	0.92	1777	100.00		
Other Initiatives	28	1.59	5	0.27	1727	97.21	16	0.92	1777	100.00		
Shortages of Physicians	697	39.20	733	41.23	331	18.64	16	0.92	1777	100.00		
Shortages of Nutritionists	997	56.13	531	29.91	232	13.04	16	0.92	1777	100.00		
Increases in Non-English Speaking Pop.	867	48.76	494	27.80	400	22.52	16	0.92	1777	100.00		
Computerization/Automation Initiatives	1209	68.01	291	16.35	261	14.71	16	0.92	1777	100.00		
Agency Reorganization	563	31.71	505	28.39	693	38.98	16	0.92	1777	100.00		
Other Factors	38	2.16	10	0.56	1712	96.36	16	0.92	1777	100.00		

NOTE: Local agencies were asked to indicate all factors which impacted their operations. Consequently, responses are not mutually exclusive. For instance, in the 5 year period under study, some agencies experienced both caseload increases and decreases.

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 16

Number and Percentage of Agencies and Affected Participants by  
 Agencies' Perceived Impact of Other Initiatives and Factors  
 Participants

Other Initiatives and factors	Perceived Impact on Agency Operations										Total	
	Impact		No Impact		Not Applicable		Don't Know					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
Medicaid Expansion	4,478,646	82.99	826,154	15.31	86,382	1.60	5,387	0.10	5,396,569	100.00		
Coordination/Integration of Services	3,368,365	62.42	1,231,795	22.83	791,022	14.66	5,387	0.10	5,396,569	100.00		
Other Initiatives	106,792	1.98	67,363	1.25	5,217,027	96.67	5,387	0.10	5,396,569	100.00		
Shortages of Physicians	1,937,045	35.89	2,264,081	41.95	1,190,056	22.05	5,387	0.10	5,396,569	100.00		
Shortages of Nutritionists	3,986,070	73.86	944,388	17.50	460,724	8.54	5,387	0.10	5,396,569	100.00		
Increases in Non-English Speaking Pop.	3,435,621	63.66	1,189,062	20.55	846,499	15.69	5,387	0.10	5,396,569	100.00		
Computerization/Automation Initiatives	4,279,939	79.31	465,653	8.63	645,590	11.96	5,387	0.10	5,396,569	100.00		
Agency Reorganization	1,920,685	35.59	1,470,970	27.26	1,999,528	37.05	5,387	0.10	5,396,569	100.00		
Other Factors	204,297	3.79	7,976	0.15	5,178,909	95.97	5,387	0.10	5,396,569	100.00		

NOTE: Local agencies were asked to indicate all factors which impacted their operations. Consequently, responses are not mutually exclusive. For instance, in the 5 year period under study, some agencies experienced both caseload increases and decreases.

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 17

**Number and Percentage of Agencies and Affected Participants by  
Percentage of Clinics/Sites Within Agency Having Selected Operating Characteristics**

**Agencies**

Percentage of Clinics/Sites Within Agencies Having Selected Operating Characteristics	Providing Cert., Nutrition Educ. & Food Issuance Svc						Providing Health Care Services on Site						Providing Social Services on Site						Operating Part Time						Extended Hours						Established Since 1988						Eliminated or Consolidated Since 1988					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.										
No Sites	8	0.45	246	13.83	776	43.68	459	25.85	983	55.30	731	41.16	1421	79.98																												
Less than 33.3% of Sites	6	0.32	149	8.38	279	15.68	134	7.53	383	21.55	295	16.59	209	11.76																												
33.3% to 66.6% of Sites	128	7.19	336	18.90	277	15.59	434	24.45	198	11.12	222	12.51	72	4.06																												
66.7% to 99% of Sites	96	5.38	126	7.07	66	3.69	255	14.36	14	0.77	94	5.31	6	0.33																												
All Sites	1540	86.67	921	51.82	380	21.36	494	27.81	200	11.26	434	24.42	69	3.88																												
Total	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00								

**Participants**

Percentage of Clinics/Sites Within Agencies Having Selected Operating Characteristics	Providing Cert., Nutrition Educ. & Food Issuance Svc						Providing Health Care Services on Site						Providing Social Services on Site						Operating Part Time						Extended Hours						Established Since 1988						Eliminated or Consolidated Since 1988					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.										
No Sites	10,714	0.20	486,558	9.02	1,466,037	27.17	872,140	16.16	2,089,374	38.72	1,283,453	23.78	3,348,493	62.05																												
Less than 33.3% of Sites	58,419	1.08	733,402	13.59	1,533,272	28.41	1,355,794	25.12	1,979,055	36.67	1,786,731	33.11	1,526,585	28.29																												
33.3% to 66.6% of Sites	289,176	5.36	1,009,433	18.71	1,111,561	20.60	1,318,730	24.44	742,653	13.76	915,799	16.97	372,876	6.91																												
66.7% to 99% of Sites	414,905	7.69	1,069,408	19.82	616,656	11.43	1,083,982	20.09	244,484	4.53	557,321	10.33	50,316	0.93																												
All Sites	4,623,355	85.67	2,097,768	38.87	689,043	12.40	765,923	14.19	341,003	6.32	853,266	15.81	98,298	1.82																												
Total	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00																												

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 18

Number and Percentage of Agencies and Affected Participants  
in Agencies by Use of Vans, Mobile Units, or Other Motorized Facilities

		VANS							
		Using Vans, Mobile Units, or Other Motorized Facilities	Not Using Vans, Mobile Units or Other Motorized Facilities	Total	No.	Pct.	No.	Pct.	Total
Agencies		118	6.64	1659	93.36		1777	100.00	
Participants		594,228	11.01	4,802,341	88.99		5,396,569	100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 19

**Number and Percentage of Agencies and Affected Participants by Whether the Agencies Uses Non-WIC Funded Medical Providers for Certification and Consulting Staff to Provide WIC Services**

	Uses Non-WIC Funded Medical Providers Performing Certifications		Uses Contract or Consulting Staff to Provide WIC Services	
	No.	Pct.	No.	Pct.
<b>Agencies</b>	<b>282</b>	<b>15.87</b>	<b>496</b>	<b>27.91</b>
<b>Participants</b>	<b>1,452,164</b>	<b>26.91</b>	<b>2,035,388</b>	<b>37.72</b>

**NOTE:** Based on 1777 local agencies and 5,396,560 participants.

Table 20

Number and Percentage of Agencies and Affected Participants by Use of Consultants or Contracting Staff to Provide WIC Services

#### Agencies

Growth in Participants Served by Agency (1988-1992)	Use Consultants or Contracting Staff to Provide WIC Services	No.	Pct.
Less than 15%	84	4.71	
15% to 33%	89	5.02	
33% to 50%	100	5.63	
50% to 100%	148	8.34	
Greater than 100%	69	3.89	
Not Applicable	6	0.32	
Total	496	27.91	

#### Participants

Growth in Participants Served by Agency (1988-1992)	Use Consultants or Contracting Staff to Provide WIC Services	No.	Pct.
Less than 15%	279,343	5.18	
15% to 33%	430,629	7.98	
33% to 50%	278,049	5.15	
50% to 100%	775,738	14.37	
Greater than 100%	257,386	4.77	
Not Applicable	14,243	0.26	
Total	2,035,388	37.72	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 21

**Number and Percentage of Agencies and Affected Participants by Use of Itinerant Professional, Paraprofessional, or Clerical/Support Staff Agencies**

Growth in Participants Served by Agency	Professional No.	Pct.	Paraprofessional No.	Pct.	Clerical/Support No.	Pct.
Less than 15%	233	13.14	109	6.13	165	9.28
15% to 33%	287	16.17	128	7.18	204	11.47
33% to 50%	225	12.65	117	6.61	157	8.82
50% to 100%	396	22.27	238	13.38	234	13.17
Greater than 100%	73	4.12	72	4.04	81	4.57
Not Applicable	17	0.94	6	0.32	17	0.94
Total	1,231	69.29	669	37.66	857	48.24

## Participants

Growth in Participants Served by Agency	Professional No.	Pct.	Paraprofessional No.	Pct.	Clerical/Support No.	Pct.
Less than 15%	559,385	10.37	233,922	4.33	430,560	7.98
15% to 33%	1,023,744	18.97	521,039	9.65	830,993	15.40
33% to 50%	925,533	17.15	534,538	9.91	726,710	13.47
50% to 100%	1,678,584	31.10	915,900	16.97	1,366,627	25.32
Greater than 100%	480,946	8.91	354,556	6.57	494,637	9.17
Not Applicable	23,310	0.43	14,243	0.26	23,310	0.43
Total	4,691,501	86.93	2,574,197	47.70	3,872,835	71.76

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 22

Number and Percentage of Agencies and Affected Participants by Agency Non-Labor Items and Funding Source

## Agencies

Space and Facilities		Funding Source												Total	
		Exclusively Funded by Non-WIC Gov't Source				Exclusively Charitable				Funded by a Combination of Sources				Not Applicable	
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Space	23.36	349	19.66	73	4.08	935	52.61	0	0	5	0.31	1777	100.00		
Utilities	23.51	336	18.90	86	4.86	932	52.43	0	0	5	0.31	1777	100.00		
Computer Equipment	54.28	183	10.29	71	0.40	432	24.33	185	10.40	5	0.31	1777	100.00		
Medical Equipment	49.37	154	8.66	31	0.14	669	37.65	69	3.87	5	0.31	1777	100.00		
Educational Equipment	62.00	58	3.27	71	0.42	604	34.00	0	0	5	0.31	1777	100.00		
Other	2.67	17	0.98	12	0.66	65	3.68	1630	91.70	5	0.31	1777	100.00		

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 23

**Number and Percentage of Agencies and Affected Participants by Sufficiency and Appropriateness of Professional, Paraprofessional, and Clerical Support Staff Agencies**

Number and Appropriateness of Staff				Suitability of Staff						Total	
		More than Sufficient		Sufficient		Less than Sufficient		Not Applicable		Don't Know	
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<b>Sufficiency of Number of Staff</b>											
Professional	354	19.90	598	33.66	785	44.16	37	2.07	4	0.22	1777 100.00
Paraprofessional	93	5.24	437	24.61	475	26.73	772	43.42	0	0	1777 100.00
Clerical/Support	190	10.70	774	43.54	746	41.96	68	3.80	0	0	1777 100.00
<b>Appropriateness of Skills/Experience in Providing Nutrition Education</b>											
Professional	760	42.76	795	44.74	166	9.35	56	3.15	0	0	1777 100.00
Paraprofessional	208	11.71	446	25.12	189	10.63	933	52.53	0	0	1777 100.00
Clerical/Support	303	17.03	656	36.94	216	12.18	596	33.54	51	0.31	1777 100.00
<b>Appropriateness of Skills/Experience in Providing Non-Nutrition Services</b>											
Professional	635	35.72	923	51.93	161	9.07	54	3.06	4	0.22	1777 100.00
Paraprofessional	223	12.56	509	28.63	152	8.54	889	50.05	41	0.22	1777 100.00
Clerical/Support	357	20.07	908	51.09	274	15.43	234	13.19	41	0.22	1777 100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 23

Number and Percentage of Agencies and Affected Participants by Sufficiency and Appropriateness of Professional, Paraprofessional, and Clerical Support Staff

## Participants

Number and Appropriateness of Staff		Suitability of Staff												Total	
		More than Sufficient				Less than Sufficient				Not Applicable		Don't Know			
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Sufficiency of Number of Staff															
Professional	716,148	13.27	1,307,130	24.22	3,311,135	61.36	42,084	0.78	20,071	0.37	5,396,569	100.00			
Paraprofessional	176,832	3.28	1,434,936	26.59	2,009,267	37.23	1,775,534	32.90	0	0	5,396,569	100.00			
Clerical/Support	589,455	10.92	1,623,971	30.09	3,136,527	58.12	46,616	0.86	0	0	5,396,569	100.00			
Appropriateness of Skills/Experience in Providing Nutrition Education															
Professional	1,999,077	37.04	2,567,559	47.58	748,718	13.87	81,215	1.50	0	0	5,396,569	100.00			
Paraprofessional	445,371	8.25	1,723,968	31.95	1,170,349	21.69	2,056,881	38.11	0	0	5,396,569	100.00			
Clerical/Support	572,172	10.60	2,012,631	37.29	1,033,451	19.15	1,766,865	32.74	11,250	0.21	5,396,569	100.00			
Appropriateness of Skills/Experience in Providing Non-Nutrition Services															
Professional	1,513,215	28.04	2,871,831	53.22	860,472	15.94	130,980	2.43	20,071	0.37	5,396,569	100.00			
Paraprofessional	478,631	8.87	1,995,086	36.97	871,208	16.14	2,031,573	37.65	20,071	0.37	5,396,569	100.00			
Clerical/Support	783,413	14.52	2,812,416	52.11	1,260,177	23.35	520,491	9.64	20,071	0.37	5,396,569	100.00			

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 24

Number and Percentage of Agencies and Affected Participants by Ratio of Vacant Positions to Current Full-Time Employees for Professional, Paraprofessional, and Clerical/Support Staff

## Agencies

Ratio of Vacant Positions to Current Full-Time Employees	Professional	Paraprofessional	Clerical/Support			
	No.	Pct.	No.	Pct.	No.	Pct.
0.00	1245	70.06	750	42.19	1298	73.03
Less than 0.10	44	2.47	22	1.25	68	3.84
0.10 to 0.25	154	8.67	57	3.20	107	6.03
0.25 to 0.50	118	6.62	61	3.45	63	3.53
More than 0.50	126	7.11	24	1.36	104	5.83
Not Applicable	72	4.06	858	48.27	119	6.69
Don't Know	18	1.03	5	0.29	18	1.03
Total	1777	100.00	1777	100.00	1777	100.00

## Affected Participants

Ratio of Vacant Positions to Current Full-Time Employees	Professional	Paraprofessional	Clerical/Support			
	No.	Pct.	No.	Pct.	No.	Pct.
0.00	2,739,268	50.76	2,672,757	69.53	3,120,248	57.82
Less than 0.10	567,764	10.52	294,292	5.45	1,092,053	20.24
0.10 to 0.25	1,034,915	19.18	366,264	6.79	535,788	9.93
0.25 to 0.50	572,121	10.60	178,822	3.31	213,980	3.97
More than 0.50	311,780	5.78	93,082	1.72	200,214	3.71
Not Applicable	134,295	2.49	1,776,270	32.91	1,197,861	3.67
Don't Know	36,426	0.67	15,082	0.28	36,426	0.67
Total	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 25

Number and Percentage of Agencies and Affected Participants by Degree of Difficulty Experienced by Agency in Recruiting Professional, Paraprofessional, and Clerical/Support Staff

## Agencies

Degree of Difficulty Experienced by Agencies in Recruiting Staff	Professional Staff		Paraprofessional Staff		Clerical/Support Staff	
	No.	Pct.	No.	Pct.	No.	Pct.
No Vacancies	579	32.60	903	50.80	631	35.52
Not Difficult	265	14.94	481	27.09	875	49.24
Difficult	927	52.15	270	15.18	253	14.26
Not Applicable	0	0	123	6.93	0	0
Don't Know	5	0.31	0	0	17	0.98
Total	1777	100.00	1777	100.00	1777	100.00

## Affected Participants

Degree of Difficulty Experienced by Agencies in Recruiting Staff	Professional Staff		Paraprofessional Staff		Clerical/Support Staff	
	No.	Pct.	No.	Pct.	No.	Pct.
No Vacancies	1,066,962	19.77	1,870,141	34.65	1,156,160	21.42
Not Difficult	557,481	10.33	1,907,750	35.35	3,427,741	63.52
Difficult	3,760,876	69.69	1,196,634	22.17	796,035	14.75
Not Applicable	0	0	422,044	7.82	0	0
Don't Know	11,250	0.21	0	0	16,633	0.31
Total	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 26

Number and Percentage of Agencies and Affected Participants by Degree of Difficulty Experienced by Agency in Retaining Professional, Paraprofessional, and Clerical/Support Staff

## Agencies

Degree of Difficulty Experienced by Agencies in Retaining Staff	Professional Staff		Paraprofessional Staff		Clerical/Support Staff	
	No.	Pct.	No.	Pct.	No.	Pct.
Not Difficult	1,146	64.50	1,001	56.33	1,417	79.71
Difficult	605	36.02	230	12.97	327	18.39
Not Applicable	21	1.17	546	30.71	28	1.59
Don't Know	5	0.31	0	0	5	0.31
Total	1,777	100.00	1,777	100.00	1,777	100.00

## Affected Participants

Degree of Difficulty Experienced by Agencies in Retaining Staff	Professional Staff		Paraprofessional Staff		Clerical/Support Staff	
	No.	Pct.	No.	Pct.	No.	Pct.
Not Difficult	2,840,791	52.64	3,465,781	64.22	4,296,471	79.61
Difficult	2,521,860	46.73	651,020	12.06	1,076,141	19.94
Not Applicable	22,668	0.42	1,279,767	23.71	12,707	0.24
Don't Know	11,250	0.21	0	0	11,250	0.21
Total	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 27

Number and Percentage of Agencies and Affected Participants by  
Perceived Reasons for Not Filling Vacant Positions

## Agencies

Reasons for Not Filling Vacant Positions	Not a Problem		Problem		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Hiring Freeze	1495	84.13	282	15.87	1777	100.00
Shortage of Certain Types of Staff:						
Bilingual	1663	93.56	114	6.44	1777	100.00
Nutritionist	1403	78.95	374	21.05	1777	100.00
Nurse	1651	92.90	126	7.10	1777	100.00
Dietician	1528	86.00	249	14.00	1777	100.00
Other	1438	80.90	339	19.10	1777	100.00
Salary and/or Benefits not Competitive	747	42.04	1030	57.96	1777	100.00
Poor Working Conditions	1600	90.02	177	9.98	1777	100.00
Safety of Facility and/or Neighborhood	1641	92.34	136	7.66	1777	100.00
Other	1557	87.59	220	12.41	1777	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 27

**Number and Percentage of Agencies and Affected Participants by  
Perceived Reasons for Not Filling Vacant Positions**

**Participants**

<b>Reasons for Not Filling Vacant Positions</b>	<b>Not a Problem</b>		<b>Problem</b>		<b>Total</b>	
	No.	Pct.	No.	Pct.	No.	Pct.
<b>Hiring Freeze</b>	3,638,820	67.43	1,757,749	32.57	5,396,569	100.00
<b>Shortage of Certain Types of Staff:</b>						
Bilingual	4,792,430	88.81	604,139	11.19	5,396,569	100.00
Nutritionist	3,656,566	67.76	1,740,003	32.24	5,396,569	100.00
Nurse	5,027,386	93.16	369,183	6.84	5,396,569	100.00
Dietician	4,610,486	85.43	786,083	14.57	5,396,569	100.00
Other	4,246,871	78.70	1,149,698	21.30	5,396,569	100.00
<b>Salary and/or Benefits not Competitive</b>	1,878,863	34.82	3,517,706	65.18	5,396,569	100.00
<b>Poor Working Conditions</b>	4,223,590	78.26	1,172,979	21.74	5,396,569	100.00
<b>Safety of Facility and/or Neighborhood</b>	4,600,621	85.25	795,948	14.75	5,396,569	100.00
Other	4,605,971	85.35	790,598	14.65	5,396,569	100.00

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 28

**Number and Percentage of Agencies and Affected Participants by Perceived Reasons for Not Retaining Staff**

**Agencies**

Reasons for Turnover	Not a Problem		Problem		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Salary and/or Benefits not Competitive	1017	57.24	760	42.76	1777	100.00
Poor Working Conditions	1574	88.58	203	11.42	1777	100.00
Safety of Facility and/or Neighborhood	1706	96.02	71	3.98	1777	100.00
Work Load	1214	68.32	563	31.68	1777	100.00
Low Morale	1452	81.69	325	18.31	1777	100.00
Other	1618	91.05	159	8.95	1777	100.00

**Participants**

Reasons for Turnover	Not a Problem		Problem		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Salary and/or Benefits not Competitive	2,610	77.77	2,785	22.22	51,62	5,396,569
Poor Working Conditions	4,375	73.0	81.08	1,020,839	18,92	5,396,569
Safety of Facility and/or Neighborhood	4,963	582	91.98	432,987	8.02	5,396,569
Work Load	3,020	990	55.98	2,375,579	44.02	5,396,569
Low Morale	4,059	1461	75.22	1,337,423	24.78	5,396,569
Other	4,607	214	85.37	789,355	14.63	5,396,569

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 29

**Number and Percentage of Agencies and Affected Participants by Languages Available at Agency**

**Agencies**

Languages	Interpreters Available		Nutrition Education Provided	
	No.	Pct.	No.	Pct.
Spanish	844	47.48	1032	58.09
Vietnamese	67	3.76	138	7.75
Cambodian/Khmer	38	2.14	126	7.10
Laotian	76	4.26	157	8.84
Thai	17	0.93	48	2.69
Hmong	92	5.17	88	4.96
Chinese	44	2.47	62	3.47
Haitian/Creole	41	2.30	50	2.83
French	117	6.57	59	3.33
Portuguese	45	2.55	58	3.27
Native American Language	107	6.02	67	3.78
Sign Language	159	8.96	119	6.70
Other	160	9.03	102	5.72

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 29

**Number and Percentage of Agencies and Affected Participants by Languages Available at Agency**

**Affected Participants**

Languages	Interpreters Available		Nutrition Education Provided	
	No.	Pct.	No.	Pct.
spanish	3,808,564	70.57	4,164,792	77.17
Vietnamese	524,493	9.72	966,898	17.92
Cambodian/Khmer	318,616	5.90	764,325	14.16
Laotian	374,142	6.93	712,268	13.20
Thai	154,997	2.87	276,976	5.13
Hmong	102,379	1.90	388,581	7.20
Chinese	594,821	11.02	462,735	8.57
Haitian/Creole	290,307	5.38	337,601	6.26
French	677,221	12.55	318,148	5.90
Portuguese	234,072	4.34	195,541	3.62
Native American Language	267,685	4.96	151,326	2.80
Sign Language	910,780	16.88	559,586	10.37
Other	894,149	16.57	632,809	11.73

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 30

**Number and Percentage of Agencies and Affected Participants by  
Perceived Adequacy of Current Space**

	Perceived Adequacy of Current Space				Total	
	Adequate		Inadequate			
	No.	Pct.	No.	Pct.		
Agencies	595	33.50	1182	66.50	1777   100.00	
Affected Participants	979,645	18.15	4,416,924	81.85	5,396,569   100.00	

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 31

**Number and Percentage of Agencies and Affected Participants by Type of Service and Estimated Typical Number of Minutes Waiting for Service Agencies**

Typical Number of Minutes Waiting for Service	Certification		Group Nutrition Education		Individual Nutrition Education		Food Instrument Issuance		Food Pick Up	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0 to 5 minutes	427	24.04	599	33.70	663	37.29	744	41.89	153	8.58
5 to 10 minutes	536	30.15	302	16.98	518	29.17	510	28.69	54	3.04
10 to 15 minutes	368	20.72	175	9.86	297	16.72	272	15.31	40	2.27
15 to 30 minutes	229	12.87	90	5.04	201	11.33	122	6.87	19	1.10
More than 30 minutes	217	12.21	46	2.60	57	3.20	24	1.35	11	0.62
Not Applicable	0	0	565	31.82	41	2.29	105	5.89	1500	84.39
Total	1777	100.00	1777	100.00	1777	100.00	1777	100.00	1777	100.00

**Participants**

Typical Number of Minutes Waiting for Service	Certification		Group Nutrition Education		Individual Nutrition Education		Food Instrument Issuance		Food Pick Up		
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
0 to 5 minutes	625	744	11,60	1,350,802	25.03	1,252,555	23.21	1,275,962	23.64	313,354	5.81
5 to 10 minutes	1,062	503	19,69	1,105,762	20.49	1,371,152	25.41	1,390,419	25.76	430,418	7.98
10 to 15 minutes	1,040	151	19,27	1,073,078	19.88	941,734	17.45	1,176,733	21.81	172,607	3.20
15 to 30 minutes	1,256	356	23,28	688,332	12.75	1,171,936	21.72	1,098,267	20.35	170,035	3.15
More than 30 minutes	1,411	815	26,16	239,801	4.44	474,302	8.79	255,871	4.74	161,693	3.00
Not Applicable	0	0	938	794	17.40	184,891	3.43	199,317	3.69	4,148,463	76.87
Total	5,396	569	100	100	5,396,569	100.00	5,396,569	100.00	5,396,569	100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 32

**Number and Percentage of Agencies and Affected Participants by Type of Service and Estimated Typical Number of Minutes Receiving Service Agencies**

Typical Number of Minutes Receiving Service	Certification	Group		Group		Individual Nutrition Educ (not high risk)		Individual Nutrition Educ (high risk)		Food Instrument Issuance		Food Pick Up	
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0 to 5 minutes	30   1.70   101   0.58   0   0   216   12.16   73   4.11   726   40.86   106   5.99												
5 to 10 minutes	166   9.32   1091   6.14   67   3.77   645   36.30   354   19.92   606   34.08   96   5.41												
10 to 15 minutes	181   10.17   283   15.95   55   3.08   538   30.27   471   26.52   226   12.69   23   1.28												
15 to 30 minutes	813   45.76   628   35.34   359   20.20   225   12.67   727   40.91   82   4.59   10   0.57												
More than 30 minutes	584   32.88   200   11.25   137   7.70   35   1.96   121   6.82   26   1.49   1   0.06												
Not Applicable	0   0   543   30.57   1156   65.08   115   6.47   28   1.55   109   6.13   1538   86.53												
Don't Know	3   0.17   3   0.17   3   0.17   3   0.17   3   0.17   3   0.17   3   0.17												
Total	1777   100.00   1777   100.00   1777   100.00   1777   100.00   1777   100.00   1777   100.00   1777   100.00												

## Participants

Typical Number of Minutes Receiving Service	Certification	Group		Group		Individual Nutrition Educ (not high risk)		Individual Nutrition Educ (high risk)		Food Instrument Issuance		Food Pick Up	
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0 to 5 minutes	372,583   6.90   73,585   1.36   0   0   894,367   16.57   201,052   3.73   2,469,479   45.76   432,997   8.02												
5 to 10 minutes	395,768   7.33   392,362   7.27   202,884   3.76   1,760,059   32.61   1,147,784   21.27   1,599,789   29.64   437,103   8.10												
10 to 15 minutes	873,150   16.18   1,190,609   22.06   367,375   6.81   1,649,862   30.57   1,208,811   22.40   672,557   12.46   210,386   3.90												
15 to 30 minutes	2,507,536   46.47   2,444,162   45.29   1,514,972   28.07   624,095   11.56   2,239,633   41.50   354,584   6.57   71,257   1.32												
More than 30 minutes	1,210,461   22.43   384,749   7.13   364,085   6.75   145,363   2.69   508,086   9.41   81,478   1.51   37,798   0.70												
Not Applicable	0   0   874,030   16.20   2,910,181   53.93   285,753   5.30   54,132   1.00   181,711   3.37   4,169,958   77.27												
Don't Know	37,071   0.69   37,071   0.69   37,071   0.69   37,071   0.69   37,071   0.69   37,071   0.69   37,071   0.69												
Total	5,396,569   100.00   5,396,569   100.00   5,396,569   100.00   5,396,569   100.00   5,396,569   100.00   5,396,569   100.00   5,396,569   100.00												

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 33

Number and Percentage of Principal Clinics by Method of Obtaining Hematological Measurements

Methods	Number of Principal Clinic Sites						Total	
	Typically Used		Not Used		Don't Know			
	No.	Pct.	No.	Pct.	No.	Pct.		
On-Site by WIC Staff	4145	70.56	1124	19.14	605	10.30	5874   100.00	
On-Site by Non-WIC Staff	1682	28.64	2640	44.95	1551	26.41	5874   100.00	
Off-Site by Health Care Personnel:								
Results Brought in By Applicant	2509	42.71	1952	33.24	1413	24.05	5874   100.00	
Results Brought in By Someone Other than Applicant	532	9.06	3349	57.02	1992	33.92	5874   100.00	
Other	139	2.37	95	1.62	5639	96.01	5874   100.00	
Coordinated with Lead Screening	1289	21.95	3602	61.31	983	16.74	5874   100.00	

NOTE: Based on 1777 local agencies

Table 34

**Number and Percentage of Principal Clinics by  
Specified Health Services Available on Site**

Health Service	Number of Principal Clinic Sites						Total	
	Available on Site		Not Available on Site		Don't Know		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
Dental Care	927	15.78	4549	77.44	398	6.78	5874	100.00
Obstetrical/Gynecological Care	2230	37.97	3310	56.35	334	5.68	5874	100.00
Breastfeeding Support Program	4147	70.60	1316	22.41	411	6.99	5874	100.00
Pediatric Care	2604	44.33	2840	48.34	430	7.32	5874	100.00
Family Planning Services	2963	50.45	2555	43.49	356	6.06	5874	100.00
Immunizations	3926	66.83	1652	28.13	296	5.04	5874	100.00
EPSDT	2776	47.27	2324	39.56	774	13.17	5874	100.00
Other Health Screening	2907	47.79	2403	40.91	664	11.30	5874	100.00
Medicaid Screening	2258	38.44	3022	51.45	594	10.11	5874	100.00

NOTE: Based on 1777 local agencies

Table 35

**Number and Percentage of Principal Clinics by  
Specified Non-Health Referral Services Available on Site**

Non-Health Service	Number of Principal Clinic Sites						Total		
	Available on Site		Not Available on Site		Don't Know		No.	Pct.	
	No.	Pct.	No.	Pct.	No.	Pct.			
ATDC	952	16.21	4608	78.46	313	5.33	5874	100.00	
Food Assistance Programs	1177	20.06	4361	74.24	336	5.72	5874	100.00	
Social Services Programs	1725	29.37	3770	64.18	379	6.45	5874	100.00	
Head Start	683	11.63	4947	84.22	244	4.15	5874	100.00	
Child Care	603	10.27	5023	85.51	248	4.22	5874	100.00	
Transportation	1127	19.19	4347	74.01	399	6.80	5874	100.00	
Substance Abuse Counseling	1746	29.73	3729	63.48	399	6.79	5874	100.00	
Housing	736	12.53	4712	80.23	425	7.24	5874	100.00	
Adult Education/Job Training	525	8.93	4852	82.60	497	8.46	5874	100.00	

NOTE: Based on 1777 local agencies

Table 36

**Number and Percentage of Principal Clinics by  
Opportunity to Apply for Selected Non-Health Services on Site**

Non-Health Service	Number of Principal Clinic Sites						Total	
	Typically Offered		Not Offered		Don't Know		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
AFDC	1486	25.29	3910	66.57	478	8.14	5874	100.00
Food Assistance Programs	1863	31.71	3454	58.80	557	9.49	5874	100.00
Social Services Programs	2079	35.39	3182	54.17	613	10.43	5874	100.00
Head Start	1318	22.43	3980	67.75	577	9.82	5874	100.00
Child Care	912	15.53	4474	76.17	487	8.30	5874	100.00
Transportation	1173	19.97	4190	71.33	511	8.70	5874	100.00
Substance Abuse Counseling	1670	28.42	3638	61.93	566	9.64	5874	100.00
Housing	908	15.46	4407	75.02	559	9.52	5874	100.00
Adult Education/Job Training	625	10.65	4614	78.55	634	10.80	5874	100.00
Child Support	693	11.79	3907	66.52	1274	21.69	5874	100.00

NOTE: Based on 1777 local agencies

Table 37

Number and Percentage of Principal Clinics in  
Which Obtaining Health Care and Non-Health Care Services is a Problem

Type of Service	Number of Principal Clinic Sites						Total	
	Typically a Problem		Not a Problem		Don't Know		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.		
Health Care Service	1718	29.26	3480	59.24	676	11.52	5874	100.00
Non-Health Care Service	1873	31.89	2872	48.89	1129	19.22	5874	100.00

NOTE: Based on 1777 local agencies

Table 38

Number and Percentage of Agencies by Reported Problems in  
Referring Clients to Other Agencies

Agencies

Referral Barriers	Not a Problem		Problem		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Services Not Available/Available on Limited Basis	1065	59.95	712	40.05	1777	100.00
Waiting List for Services	1348	75.87	429	24.13	1777	100.00
WIC Participants Not Eligible	1471	82.80	306	17.20	1777	100.00
Services Not Offered During Convenient Times	1456	81.93	321	18.07	1777	100.00
Lack of/Limited Transportation to Svcs	960	56.01	817	45.99	1777	100.00
Other	1607	90.41	170	9.59	1777	100.00

NOTE: Based on 1777 local agencies

Table 39

**Number and Percentage of Agencies by  
Ratio of Type of Nutrition Staff to Total Nutritional Staff Levels**

**Agencies**

Ratio	Staff Relationships					
	Licensed Staff to Total Nutritional Staff		Paraprofessional Staff to Total Nutritional Staff		Other Professionals to Total Nutritional Staff	
	No.	Pct.	No.	Pct.	No.	Pct.
0.00	436	26.55	1181	66.47	567	31.90
0.01 to 0.10	33	1.84	32	1.80	36	2.02
0.10 to 0.25	306	17.19	109	6.15	127	7.13
0.25 to 0.50	460	25.89	213	11.97	440	24.76
0.50 to 0.75	151	8.48	194	10.96	211	11.86
0.75 to 1.00	392	22.05	47	2.67	397	22.33
Total	1777	100.00	1777	100.00	1777	100.00

NOTE: Based on 1777 local agencies

Table 40

Number and Percentage of Agencies and Affected Participants by Topics Covered and Methods Used

## Agencies

Topics Covered	Methods Used									
	Not Offered		Verbal Presentation		Printed Materials		Audio Visual		Computer Assisted	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Management of Individual Nutrition Risk	16	0.88	1730	97.35	1599	90.00	618	34.76	6	0.36
Importance of Nutrition to Health Status	15	0.84	1711	96.27	1506	84.73	816	45.94	0	0
Description of Basic Good Diet	1	0.06	1728	97.22	1693	95.25	871	48.99	6	0.35
Major Nutrients Provided by WIC Package	33	1.85	1691	95.18	1420	79.91	631	35.53	10	0.58
Other Sources of Particular Nutrients	5	0.30	1704	95.89	1726	97.11	665	37.40	16	0.88
Importance of Diet for Fetal Growth	4	0.20	1726	97.12	1605	90.34	961	54.06	0	0
Breastfeeding	1	0.06	1758	98.94	1733	97.50	1423	80.08	0	0
Handling of Infant Formula	51	2.87	1655	93.14	1448	81.48	474	26.68	10	0.58
Use of Whole Cow's Milk	155	8.74	1579	88.88	1202	67.66	313	17.61	0	0
Solid and Table Foods	13	0.75	1707	96.06	1688	94.98	833	46.85	0	0
Importance of Nutrition for Growth	18	1.00	1730	97.34	1620	91.17	839	47.23	6	0.35
Nutritious Snacks	8	0.45	1730	97.37	1715	96.51	877	49.38	3	0.15
Dental Health	71	4.00	1659	93.35	1563	87.95	752	42.36	0	0
Risks of Substance Abuse	22	1.23	1686	94.88	1650	92.86	817	46.00	0	0
Food Preparation/Shopping/Safety	1686	94.91	87	4.90	91	5.09	45	2.54	0	0
Other	1615	90.91	147	8.27	126	7.06	81	4.54	4	0.23

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 40

Number and Percentage of Agencies and Affected Participants by Topics Covered and Methods Used  
Affected Participants

Topics Covered	Methods Used											
	Not Offered			Verbal Presentation			Printed Materials			Audio Visual		
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Management of Individual Nutrition Risk	154,580	2.86	5,151,077	95.45	4,731,001	87.67	2,340,363	43.37	96,324	1.78		
Importance of Nutrition to Health Status	156,412	2.90	5,128,746	95.04	4,481,526	83.04	3,021,061	55.98	0	0		
Description of Basic Good Diet	132,818	2.46	5,092,867	94.37	5,039,606	93.39	3,339,823	61.89	12,085	0.22		
Major Nutrients Provided by WIC Package	269,266	4.99	4,885,712	90.53	4,255,393	78.85	2,408,219	44.62	31,507	0.58		
Other Sources of Particular Nutrients	151,970	2.82	4,971,135	92.12	5,003,023	92.71	2,740,879	50.79	48,970	0.91		
Importance of Diet for Fetal Growth	163,291	3.03	5,059,811	93.76	4,702,154	87.13	3,285,283	60.88	0	0		
Breastfeeding	132,818	2.46	5,172,322	95.86	5,115,885	94.80	4,518,330	83.73	0	0		
Handling of Infant Formula	236,256	4.38	4,980,259	92.29	4,633,469	85.86	2,069,512	38.35	7,444	0.14		
Use of Whole Cow's Milk	690,461	12.79	4,554,521	84.40	3,358,534	62.23	1,378,534	25.54	0	0		
Solid and Table Foods	159,972	2.96	5,012,107	92.88	4,961,287	91.93	3,189,778	59.11	0	0		
Importance of Nutrition for Growth	220,588	4.09	5,081,527	94.16	4,843,365	89.75	3,303,131	61.21	12,085	0.22		
Nutritious Snacks	143,316	2.66	5,096,432	94.44	5,060,963	93.41	3,203,955	59.37	25,532	0.47		
Dental Health	391,760	7.26	4,806,701	89.07	4,677,363	86.67	2,675,718	49.58	0	0		
Risks of Substance Abuse	302,851	5.61	4,969,384	92.08	4,820,738	89.33	2,644,150	49.00	0	0		
Food Preparation/Shopping/Safety	4,996,248	92.58	378,427	7.01	400,321	7.42	261,874	4.85	0	0		
Other	4,816,859	89.26	553,610	10.26	529,137	9.81	347,562	6.44	18,931	0.35		

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 41

Number and Percentage of Agencies and Affected Participants by Whether Nutrition Services Covered by Medicaid

		Nutrition Services Reimbursed by Medicaid			Total		
		Yes, Reimbursed	No, Not Reimbursed	Don't Know			
		No.	No.	No.	No.	Pct.	Pct.
		No.	Pct.	No.	Pct.	No.	Pct.
Agencies		251	14.13	1410	79.34	116	6.53
Affected Participants		862,083	15.97	4,248,421	78.72	286,066	5.30
						5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 42

**Number and Percentage of Agencies and Affected Participants by Frequency of Nutrition Education Contacts**

**Agencies**

Frequency	High Risk Participant		Non-High Risk Participant	
	No.	Pct.	No.	Pct.
Once Per Certification Period	192	10.81	521	29.33
Twice Per Certification Period	773	43.47	956	53.78
Monthly	753	42.36	171	9.62
Bi-Monthly	678	38.17	400	22.53
Other	151	8.50	52	2.94
Don't Know	0	0	16	0.89

**Affected Participants**

Frequency	High Risk Participant		Non-High Risk Participant	
	No.	Pct.	No.	Pct.
Once Per Certification Period	446,426	8.27	1,121,735	20.79
Twice Per Certification Period	2,491,058	46.16	3,048,740	56.49
Monthly	1,913,772	35.46	493,274	9.14
Bi-Monthly	2,196,914	40.71	1,649,536	30.57
Other	884,300	16.39	236,795	4.39
Don't Know	0	0	65,099	1.21

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 43

**Number and Percentage of Agencies and Affected Participants by Group Size for Providing Nutrition Education**

**Agencies**

<b>Group Size</b>	<b>No.</b>	<b>Pct.</b>
Individual	1744	98.16
Small Group (2-9)	1008	56.71
Medium Group (10-19)	831	46.75
Large Group (20-29)	369	20.76
Very Large Group (30+)	168	9.45

**Affected Participants**

<b>Group Size</b>	<b>No.</b>	<b>Pct.</b>
Individual	5,308	187
Small Group (2-9)	3,432	874
Medium Group (10-19)	3,341	138
Large Group (20-29)	2,560	359
Very Large Group (30+)	955	502

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 44

**Number and Percentage of Agencies and Affected Participants by  
Use of Nutrition Education Materials and Methods**

**Agencies**

<b>Materials Used in Individual Instruction</b>	<b>Use in Individual Nutrition Education Sessions</b>				<b>Total</b>	
	<b>Used</b>		<b>Not Used</b>		<b>No.</b>	<b>Pct.</b>
	<b>No.</b>	<b>Pct.</b>	<b>No.</b>	<b>Pct.</b>		
<b>Verbal Discussion/Counseling</b>	1777	100.00	0	0	1777	100.00
<b>Pamphlets</b>	1777	100.00	0	0	1777	100.00
<b>Food Models</b>	1492	83.96	285	16.04	1777	100.00
<b>Food Demonstrations</b>	455	25.59	1322	74.41	1777	100.00
<b>Tests</b>	453	25.51	1324	74.49	1777	100.00
<b>Audio Tapes</b>	427	24.03	1350	75.97	1777	100.00
<b>Slides</b>	255	14.36	1522	85.64	1777	100.00
<b>Films/Videos</b>	1110	62.46	667	37.54	1777	100.00
<b>Flip Charts</b>	1022	57.53	755	42.47	1777	100.00
<b>Computer Assisted Instruction</b>	57	3.22	1720	96.78	1777	100.00
<b>Other</b>	39	2.19	1738	97.81	1777	100.00

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 44

Number and Percentage of Agencies and Affected Participants by Use of Nutrition Education Materials and Methods

Affected Participants

Materials Used in Individual Instruction	Use in Individual Nutrition Education Sessions						Total	
	Used		Not Used		No.	Pct.		
	No.	Pct.	No.	Pct.				
Verbal Discussion/Counseling	5,396	569	100	0	0	0	5,396,569   100.00	
Pamphlets	5,396	569	100	0	0	0	5,396,569   100.00	
Food Models	4,860	210	90	06	536	359	9.94   5,396,569   100.00	
Food Demonstrations	1,366	249	25	32	4,030	320	74.68   5,396,569   100.00	
Tests	1,780	997	33	00	3,615	572	67.00   5,396,569   100.00	
Audio Tapes	1,321	460	24	49	4,075	109	75.51   5,396,569   100.00	
Slides	1,099	946	20	38	4,296	623	79.62   5,396,569   100.00	
Films/Videos	2,795	461	51	80	2,601	108	48.20   5,396,569   100.00	
Flip Charts	3,623	625	67	15	1,772	944	32.85   5,396,569   100.00	
Computer Assisted Instruction	141	893	2	63	5,254	576	97.37   5,396,569   100.00	
Other	112	402	2	08	5,284	167	97.92   5,396,569   100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 45

Number and Percentage of Agencies and Affected Participants by Use of Nutrition Education Materials and Methods

## Agencies

Materials Used in Group Instruction	Use in Group Nutrition Education Sessions						Total			
	Used		Not Used		No.	Pct.	No.	Pct.	No.	Pct.
	No.	Pct.	No.	Pct.						
Lectures/oral Discussions	1370	77.08	407	22.92	1777	100.00				
Brochures	1419	79.86	358	20.14	1777	100.00				
Food Models	1189	66.89	588	33.11	1777	100.00				
Food Demonstrations	909	51.14	868	48.86	1777	100.00				
Tests	652	38.95	1085	61.05	1777	100.00				
Audio Tapes	411	23.14	1366	76.86	1777	100.00				
Slides	628	35.32	1149	64.68	1777	100.00				
Films/Videos	1364	76.73	413	23.27	1777	100.00				
Flip Charts	1081	60.82	696	39.18	1777	100.00				
Computer Assisted Instruction	41	2.32	1736	97.68	1777	100.00				
Other	85	4.80	1692	95.20	1777	100.00				

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 45

**Number and Percentage of Agencies and Affected Participants by Use of Nutrition Education Materials and Methods**

**Affected Participants**

Materials Used in Group Instruction	Use in Group Nutrition Education Sessions						Total	
	Used		Not Used		No.	Pct.		
	No.	Pct.	No.	Pct.		No.	Pct.	
Lectures/Oral Discussions	4,872,806	90.29	523,763	9.71	5,396,569	100.00		
Pamphlets	4,947,223	91.67	449,346	8.33	5,396,569	100.00		
Food Models	4,034,782	74.77	1,361,787	25.23	5,396,569	100.00		
Food Demonstrations	3,207,034	59.43	2,189,535	40.57	5,396,569	100.00		
Tests	2,473,823	45.84	2,922,746	54.16	5,396,569	100.00		
Audio Tapes	1,663,434	30.82	3,733,135	69.18	5,396,569	100.00		
Slides	2,526,187	46.81	2,870,382	53.19	5,396,569	100.00		
Films/Videos	4,764,305	88.28	632,264	11.72	5,396,569	100.00		
Flip Charts	3,860,803	71.54	1,535,766	28.46	5,396,569	100.00		
Computer Assisted Instruction	61,993	1.15	5,334,576	98.85	5,396,569	100.00		
Other	376,083	6.97	5,020,486	93.03	5,396,569	100.00		

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 46

**Number and Percentage of Agencies and Affected Participants by  
Factors that May Act as Barriers to Providing High Quality Nutrition Education  
Agencies**

Barriers	Not a Problem		Problem		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Space	734	41.29	1043	58.71	1777	100.00
Too Few Staff	910	51.20	867	48.80	1777	100.00
Too Little Staff Time per Participant	753	42.39	1024	57.61	1777	100.00
Participant Interest	639	35.97	1138	64.03	1777	100.00
Transportation	968	54.50	809	45.50	1777	100.00
Child Care	952	53.57	825	46.43	1777	100.00
Participant Time	881	49.59	896	50.41	1777	100.00
Cultural Issues/Language Difficulties	1297	73.00	480	27.00	1777	100.00
Difficulty Recruiting Qualified Staff	1436	80.79	341	19.21	1777	100.00
Other	1635	92.00	142	8.00	1777	100.00

**Participants**

Barriers	Not a Problem		Problem		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Space	1,263,769	23.05	4,152,800	76.95	5,396,569	100.00
Too Few Staff	1,959,494	36.31	3,437,075	63.69	5,396,569	100.00
Too Little Staff Time per Participant	1,728,079	32.02	3,668,490	67.98	5,396,569	100.00
Participant Interest	2,360,166	43.36	3,056,403	56.64	5,396,569	100.00
Transportation	3,471,065	64.32	1,925,504	35.68	5,396,569	100.00
Child Care	2,358,867	43.71	3,037,702	56.29	5,396,569	100.00
Participant Time	2,393,793	44.36	3,002,776	55.64	5,396,569	100.00
Cultural Issues/Language Difficulties	3,455,699	64.04	1,940,870	35.96	5,396,569	100.00
Difficulty Recruiting Qualified Staff	3,664,330	67.90	1,732,239	32.10	5,396,569	100.00
Other	5,049,011	93.56	347,558	6.44	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 47

Number and Percentage of Agencies by  
Children Provided Nutrition Education  
Agencies

Person to Whom Nutrition Education is Directed	Extent to Which Nutrition Education is Provided to Children												Total	
	None			A Few			Some			Most				
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
Children	542	30.51	478	26.88	427	24.01	153	8.61	177	9.98	1777	100.00		

NOTE: Based on 1777 local agencies

Table 48

**Number and Percentage of Agencies and Affected Participants by Factors Ranked Most Often as Promoting High Quality WIC Services**

**Agencies**

	No.	Pct.
<b>Most Important Factors</b>		
Caring, Concerned Staff	1232	69.35
Qualified, Well Trained Staff	939	52.85
Quality Nutrition Services	879	49.44
Quality Operations of Clinic	667	37.52
Referrals/Integration	544	30.62
Adequate Facilities	526	29.60
Community Support	495	27.84
Ongoing Training/Instruction for Staff	300	16.88
Staff - General	271	15.24
Participant Support	111	6.23
Vendor Monitoring/cooperation	37	2.09
Other	403	22.71

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 48

**Number and Percentage of Agencies and Affected Participants by Factors Ranked Most Often as Promoting High Quality WIC Services**

**Participants**

	No.	Pct.
<b>Most Important Factors</b>		
Caring, Concerned Staff	3,536,883	65.54
Qualified, Well Trained Staff	3,355,250	62.17
Quality Nutrition Services	2,682,568	49.71
Quality Operations of Clinic	2,396,977	44.42
Referrals/Integration	1,930,865	35.78
Adequate Facilities	1,575,889	29.20
Community Support	1,685,702	31.24
Ongoing Training/Instruction for Staff	994,114	18.42
Staff - General	1,055,763	19.56
Participant Support	327,283	6.06
Vendor Monitoring/Cooperation	68,289	1.27
Other	1,353,849	25.09

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 49

Number and Percentage of Agencies and Affected Participants by Factors Ranked Most Often as Hindering High Quality WIC Services Agencies

Most Important Factors	No.	Pct.
Inadequate Facilities/Materials	1151	64.78
Shortage of Staff	694	39.05
Not Enough Time	658	37.03
Geographical/Transportation Issues	650	36.57
Unresponsive Participants	592	33.31
Lack of Funding/Funding Fluctuates	447	25.13
Too Many Requirements/Paperwork	430	24.19
Inefficient Operations	425	23.93
Staff Attitude/Turnover	306	17.23
Lack of Support/Training	181	10.19
Language/Literacy Barriers	158	8.89
Staff - General	129	7.24
Lack of Services for Participants	55	3.07
Lack of Community Support	40	2.23
Not Enough/Poor Education	32	1.82
Other	473	26.62

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 49

**Number and Percentage of Agencies and Affected Participants by Factors Ranked Most Often as Hindering High Quality WIC Services**

**Participants**

Most Important Factors	No.	Pct.
Inadequate Facilities/Materials	3,940,382	73.02
Shortage of Staff	2,850,500	52.82
Not Enough Time	2,054,208	38.07
Geographical/Transportation Issues	1,274,188	23.61
Unresponsive Participants	1,464,153	27.13
Lack of Funding/Funding Fluctuates	1,375,413	25.49
Too Many Requirements/Paperwork	1,744,336	32.32
Inefficient Operations	1,919,715	35.57
Staff Attitude/Turnover	1,078,533	19.99
Lack of Support/Training	521,302	9.66
Language/Literacy Barriers	576,346	10.68
Staff - General	869,571	16.11
Lack of Services for Participants	206,183	3.82
Lack of Community Support	57,165	1.06
Not Enough/Poor Education	121,310	2.25
Other	1,172,864	21.73

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 50

Number and Percentage of Agencies and Affected Participants by Changes in Certification Practices Since 1988

## Agencies

Specific Changes in Certification Practices	Implemented Changes				Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Yes	No					
Stopped doing walk-in certifications	368	20.72	1409	79.28	1777	100.00
Started doing walk-in certifications	461	25.93	1316	74.07	1777	100.00
Scheduled less time per certification	1016	57.17	761	42.83	1777	100.00
Scheduled more time per certification	255	14.33	1522	85.67	1777	100.00
Replaced interview with self-admin form	248	13.96	1529	86.04	1777	100.00
Conducted group certifications	282	15.85	1495	84.15	1777	100.00
Dropped group certifications	131	7.35	1646	92.65	1777	100.00
Reduced priorities served	683	38.44	1094	61.56	1777	100.00
Limited caseload to certain priorities	771	43.41	1006	56.59	1777	100.00
Added priorities served	757	42.57	1020	57.43	1777	100.00
Other	43	2.42	1734	97.58	1777	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 50

**Number and Percentage of Agencies and Affected Participants by Changes in Certification Practices Since 1988**

**Participants**

<b>Specific Changes in Certification Practices</b>	<b>Implemented Changes</b>				<b>Total</b>	
	<b>Yes</b>	<b>No</b>	<b>No.</b>	<b>Pct.</b>	<b>No.</b>	<b>Pct.</b>
Stopped Doing Walk-in certifications	1,401,689	25,97	3,994,880	74.03	5,396,569	100.00
Started Doing Walk-in certifications	1,500,661	27,81	3,895,908	72.19	5,396,569	100.00
Scheduled less time per certification	3,381,956	62,67	2,014,613	37.33	5,396,569	100.00
Scheduled more time per certification	1,075,673	19,93	4,320,896	80.07	5,396,569	100.00
Replaced interview with self-admin form	1,166,181	21,61	4,230,388	78.39	5,396,569	100.00
Conducted group certifications	1,278,980	23,70	4,117,589	76.30	5,396,569	100.00
Dropped group certifications	372,065	6,89	5,024,504	93.11	5,396,569	100.00
Reduced priorities served	2,608,348	48,33	2,788,221	51.67	5,396,569	100.00
Limited caseload to certain priorities	2,931,595	56,32	2,464,974	45.68	5,396,569	100.00
Added priorities served	2,385,021	44.20	3,011,548	55.80	5,396,569	100.00
Other	353,640	6,55	5,042,929	93.45	5,396,569	100.00

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 51

Number and Percentage of Agencies and Affected Participants by Changes in Nutrition Education Practices Since 1988

Agencies

Specific Changes in Nutrition Education Operations	Implemented Changes						Total	
	Yes		No		No.	Pct.		
	No.	Pct.	No.	Pct.				
Increased group nutrition education	1012	56.95	765	43.05	1777	100.00		
Canceled/postponed group nutrition educ	369	19.62	1428	80.38	1777	100.00		
Canceled individual sessions	113	6.35	1664	93.65	1777	100.00		
More group nutrition, fewer indiv sess	465	26.17	1312	73.83	1777	100.00		
More indiv nutrition, fewer group sess	476	26.78	1301	73.22	1777	100.00		
Placed more emphasis on breastfeeding	1724	97.03	53	2.97	1777	100.00		
More staff time per partic. nutrit educ	592	33.31	1185	66.69	1777	100.00		
Less staff time per partic. nutrit educ	614	34.57	1163	65.43	1777	100.00		
Paraprofessionals deliver nutrit educ	667	37.53	1110	62.47	1777	100.00		
More handouts and pamphlets	992	55.83	785	44.17	1777	100.00		
Increased class sizes	720	40.53	1057	59.47	1777	100.00		
Decreased class sizes	125	7.06	1652	92.94	1777	100.00		
Other	56	3.17	1721	96.83	1777	100.00		

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 51

**Number and Percentage of Agencies and Affected Participants by Changes in Nutrition Education Practices Since 1988**

**Participants**

<b>Specific Changes in Nutrition Education Operations</b>	<b>Implemented Changes</b>						<b>Total</b>	
	<b>Yes</b>		<b>No</b>					
	<b>No.</b>	<b>Pct.</b>	<b>No.</b>	<b>Pct.</b>	<b>No.</b>	<b>Pct.</b>		
<b>Increased group nutrition education</b>	<b>3,584,708</b>	<b>66.43</b>	<b>1,811,861</b>	<b>33.57</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Canceled/postponed group nutrition educ</b>	<b>1,464,992</b>	<b>27.15</b>	<b>3,931,577</b>	<b>72.85</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Canceled individual sessions</b>	<b>462,724</b>	<b>8.57</b>	<b>4,933,845</b>	<b>91.43</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>More group nutrition, fewer indiv sess</b>	<b>2,320,592</b>	<b>43.00</b>	<b>3,075,977</b>	<b>57.00</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>More indiv nutrition, fewer group sess</b>	<b>1,196,923</b>	<b>22.18</b>	<b>4,199,646</b>	<b>77.82</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Placed more emphasis on breastfeeding</b>	<b>5,278,178</b>	<b>97.81</b>	<b>118,391</b>	<b>2.19</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>More staff time per partic, nutrit educ</b>	<b>1,759,373</b>	<b>32.60</b>	<b>3,637,196</b>	<b>67.40</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Less staff time per partic, nutrit educ</b>	<b>2,411,615</b>	<b>46.69</b>	<b>2,984,954</b>	<b>55.31</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Paraprofessionals deliver nutrit educ</b>	<b>2,530,095</b>	<b>46.88</b>	<b>2,866,474</b>	<b>53.12</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>More handouts and pamphlets</b>	<b>3,279,805</b>	<b>60.78</b>	<b>2,116,764</b>	<b>39.22</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Increased class sizes</b>	<b>3,163,283</b>	<b>58.62</b>	<b>2,233,286</b>	<b>41.38</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Decreased class sizes</b>	<b>515,872</b>	<b>9.56</b>	<b>4,880,697</b>	<b>90.44</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Other</b>	<b>411,899</b>	<b>7.63</b>	<b>4,984,670</b>	<b>92.37</b>	<b>5,396,569</b>	<b>100.00</b>		

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 52

**Number and Percentage of Agencies and Affected Participants by  
Changes in Food Instrument Practices Since 1988**

Agencies

Specific Changes in Food Instrument Practices	Implemented Changes				Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Issued multiple food instruments	1119	62.96	658	37.04	1777	100.00
Issued single food instruments	283	15.94	1494	84.06	1777	100.00
Issued standard packages more often	914	51.45	863	48.55	1777	100.00
Prepared instruments before determining elig	102	5.74	1675	94.26	1777	100.00
Implemented classes on using instruments	491	27.60	1286	72.40	1777	100.00
Wrote instrument at local agency level	793	44.62	984	55.38	1777	100.00
Computer-generated food instruments	683	38.44	1094	61.56	1777	100.00
Other	37	2.06	1740	97.94	1777	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 52

Number and Percentage of Agencies and Affected Participants by Changes in Food Instrument Practices Since 1988

## Participants

Specific Changes in Food Instrument Practices	Implemented Changes				Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Issued multiple food instruments	3,680	935	68.21	1,715,634	31.79	5,396,569
Issued single food instruments	939	622	17.41	4,456,947	82.59	5,396,569
Issued standard packages more often	2,971	564	55.06	2,425,005	44.94	5,396,569
Prepared instruments before determining	320	848	5.95	5,075,721	96.05	5,396,569
Implemented classes on using instruments	1,763	229	32.67	3,633,340	67.33	5,396,569
Wrote instrument at local agency level	2,273	802	42.13	3,122,767	57.87	5,396,569
Computer-generated food instruments	2,375	910	44.03	3,020,659	55.97	5,396,569
Other	240	524	4.46	5,156,045	95.54	5,396,569

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 53

Number and Percentage of Agencies and Affected Participants by Changes in Scheduling Practices

Agencies

Specific Changes in Scheduling Practices	Implemented Changes						Total	
	Yes		No		No.	Pct.		
	No.	Pct.	No.	Pct.				
Implemented/continued appointments	974	54.83	803	45.17	1777	100.00		
Over-booked WIC participant appointments	1255	70.62	522	29.38	1777	100.00		
Less flexible clinic activity schedules	660	37.14	1117	62.86	1777	100.00		
More flexible clinic activity schedules	817	45.96	960	54.04	1777	100.00		
Extended clinic hours beyond regular hrs	789	44.41	988	55.59	1777	100.00		
Shortened clinic hours	21	1.19	1756	98.81	1777	100.00		
Extended clinic days of service	906	50.99	871	49.01	1777	100.00		
Cut back on days of service	142	8.00	1635	92.00	1777	100.00		
Other	48	2.68	1729	97.32	1777	100.00		

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 53

**Number and Percentage of Agencies and Affected Participants by Changes in Scheduling Practices**

**Participants**

<b>Specific Changes in Scheduling Practices</b>	<b>Implemented Changes</b>						<b>Total</b>	
	<b>Yes</b>		<b>No</b>		<b>No.</b>	<b>Pct.</b>		
	<b>No.</b>	<b>Pct.</b>	<b>No.</b>	<b>Pct.</b>				
<b>Implemented/continued appointments</b>	<b>3,118,091</b>	<b>57.78</b>	<b>2,278,478</b>	<b>42.22</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Over-booked WIC participant appointments</b>	<b>4,517,054</b>	<b>83.70</b>	<b>879,515</b>	<b>16.30</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Less flexible clinic activity schedules</b>	<b>2,241,601</b>	<b>41.54</b>	<b>3,154,968</b>	<b>58.46</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>More flexible clinic activity schedules</b>	<b>2,679,316</b>	<b>49.65</b>	<b>2,717,253</b>	<b>50.35</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Extended clinic hours beyond regular hrs</b>	<b>3,452,598</b>	<b>63.98</b>	<b>1,943,971</b>	<b>36.02</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Shortened clinic hours</b>	<b>91,243</b>	<b>1.69</b>	<b>5,305,326</b>	<b>98.31</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Extended clinic days of service</b>	<b>3,088,681</b>	<b>57.23</b>	<b>2,307,888</b>	<b>42.77</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Cut back on days of service</b>	<b>782,451</b>	<b>14.50</b>	<b>4,614,118</b>	<b>85.50</b>	<b>5,396,569</b>	<b>100.00</b>		
<b>Other</b>	<b>155,903</b>	<b>2.89</b>	<b>5,240,666</b>	<b>97.11</b>	<b>5,396,569</b>	<b>100.00</b>		

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 54

**Number and Percentage of Agencies and Affected Participants by Changes in Staffing Practices Since 1988**

**Agencies**

Specific Changes in Staffing Practices	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.
Used volunteer staff to greater extent	445	25.01	1332	74.99	1777	100.00
Used volunteer staff to lesser extent	52	2.90	1725	97.10	1777	100.00
Used contract/consult staff-greater ext	582	32.74	1195	67.26	1777	100.00
Used contract/consult staff-lesser ext	94	5.26	1683	94.74	1777	100.00
Used more itinerant staff (site travel)	746	42.01	1031	57.99	1777	100.00
Used less itinerant staff (site travel)	55	3.08	1722	96.92	1777	100.00
Used more paraprofessional staff	697	39.20	1080	60.80	1777	100.00
Used fewer paraprofessional staff	65	3.64	1712	96.36	1777	100.00
Used more clerical staff	1084	61.01	693	38.99	1777	100.00
Used fewer clerical staff	103	5.77	1674	94.23	1777	100.00
Used more professional staff	950	53.48	827	46.52	1777	100.00
Used fewer professional staff	150	8.42	1627	91.58	1777	100.00
Curtailed or canceled staff meetings	612	34.44	1165	65.56	1777	100.00
Cut back training activities for staff	595	33.47	1182	66.53	1777	100.00
Increased training activities for staff	568	31.94	1209	68.06	1777	100.00
other	24	1.37	1753	98.63	1777	100.00

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 54

Number and Percentage of Agencies and Affected Participants by Changes in Staffing Practices Since 1988

## Participants

specific Changes in Staffing Practices	Implemented Changes				Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Used volunteer staff to greater extent	1,783,516	33.05	3,613,053	66.95	5,396,569	100.00
Used volunteer staff to lesser extent	225,878	4.19	5,170,691	95.81	5,396,569	100.00
Used contract/consult staff-greater ext	2,259,506	41.87	3,137,063	58.13	5,396,569	100.00
Used contract/consult staff-lesser ext	230,238	4.27	5,166,331	95.73	5,396,569	100.00
Used more itinerant staff (site travel)	3,055,260	56.61	2,341,309	43.39	5,396,569	100.00
Used less itinerant staff (site travel)	439,650	8.15	4,956,919	91.85	5,396,569	100.00
Used more paraprofessional staff	2,960,788	54.86	2,435,781	45.14	5,396,569	100.00
Used fewer paraprofessional staff	220,643	4.09	5,175,926	95.91	5,396,569	100.00
Used more clerical staff	4,068,830	75.40	1,327,759	24.60	5,396,569	100.00
Used fewer clerical staff	468,512	8.68	4,928,057	91.32	5,396,569	100.00
Used more professional staff	3,742,214	69.36	1,654,355	30.66	5,396,569	100.00
Used fewer professional staff	437,393	8.11	4,959,176	91.89	5,396,569	100.00
Curtailed or canceled staff meetings	2,733,353	50.65	2,663,216	49.35	5,396,569	100.00
Cut back training activities for staff	2,452,369	45.44	2,964,200	54.56	5,396,569	100.00
Increased training activities for staff	2,212,886	41.01	3,183,683	58.99	5,396,569	100.00
Other	170,907	3.17	5,225,662	96.83	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 55

Number and Percentage of Agencies and Affected Participants by Changes in Waiting List Practices Since 1988

## Agencies

Specific Changes in Waiting List Practices	Implemented Changes				Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Initiated/increased use of waiting list	709	39.88	1,068	60.12	1,777	100.00
Dropped waiting lists	582	32.73	1,195	67.27	1,777	100.00
Other	9	0.48	1,768	99.52	1,777	100.00

## Participants

Specific Changes in Waiting List Practices	Implemented Changes				Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Initiated/increased use of waiting list	2,199,050	40.75	3,197,519	59.25	5,396,569	100.00
Dropped waiting lists	1,959,151	36.30	3,437,418	63.70	5,396,569	100.00
Other	34,097	0.63	5,362,472	99.37	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 56

Number and Percentage of Agencies and Affected Participants by Changes in Administrative Practices and Operations Since 1988

Agencies

Specific Changes in Administrative Practices and Operations	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.		
Postponed or canceled special projects	770	43.32	1007	56.68	1777	100.00
Delayed completion of paperwork/reports	1095	61.62	682	38.38	1777	100.00
Streamlined recordkeeping	904	50.90	873	49.10	1777	100.00
Streamlined case management	629	35.42	1148	64.58	1777	100.00
Made greater use of computers	1203	67.72	574	32.28	1777	100.00
Increased paperwork	1044	58.75	733	41.25	1777	100.00
Decreased paperwork	307	17.30	1470	82.70	1777	100.00
Expanded case management	824	46.39	953	53.61	1777	100.00
Other	18	1.00	1759	99.00	1777	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 56

**Number and Percentage of Agencies and Affected Participants by Changes in Administrative Practices and Operations Since 1988**

Participants

Specific Changes in Administrative Practices and Operations	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.		
Postponed or canceled special projects	3,010	442	55.78	2,386	127	44.22
Delayed completion of paperwork/reports	3,690	656	68.39	1,705	913	31.61
Streamlined recordkeeping	3,126	916	57.94	2,269	653	42.06
Streamlined case management	2,156	741	39.97	3,239	828	60.03
Made greater use of computers	4,298	974	79.66	1,097	595	20.34
Increased paperwork	3,468	429	64.27	1,928	140	35.73
Decreased paperwork	1,181	761	21.90	4,214	808	78.10
Expanded case management	2,829	336	52.43	2,567	233	47.57
Other	54	255	1.01	5,342	314	98.99

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 57

Number and Percentage of Agencies and Affected Participants by Changes in Facilities Since 1988

## Agencies

Specific Changes in Facilities	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.
Moved to new facilities	858	48.30	919	51.70	1777	100.00
Added clinic sites	713	40.11	1064	59.89	1777	100.00
Eliminated clinic sites	285	16.06	1692	83.94	1777	100.00
Made more efficient use of space	1283	72.19	494	27.81	1777	100.00
Co-located with health-care provider	570	32.08	1207	67.92	1777	100.00
Other	9	0.48	1768	99.52	1777	100.00

## Participants

Specific Changes in Facilities	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.	No.	Pct.
Moved to new facilities	3,571	995	1,824	574	5,396	569
Added clinic sites	3,560	364	1,836	205	5,396	569
Eliminated clinic sites	1,625	573	3,770	996	5,396	569
Made more efficient use of space	4,221	388	1,175	181	5,396	569
Co-located with health-care provider	2,381	803	3,014	766	5,396	569
Other	82	395	1,531	174	5,396	569

NOTE: Based on 1777 local agencies and 5,396,569 participants

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Table 58

Number and Percentage of Agencies and Affected Participants by  
Other Changes Made Since 1988

Agencies

Other Changes	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.		
Initiated special projects	898	50.53	879	49.47	1777	100.00
Planned and held regular staff meetings	1044	58.75	733	41.25	1777	100.00
Other	68	3.85	1709	96.15	1777	100.00

Participants

Other Changes	Implemented Changes				Total	
	Yes		No		No.	Pct.
	No.	Pct.	No.	Pct.		
Initiated special projects	3,672,539	68.05	1,724,030	31.95	5,396,569	100.00
Planned and held regular staff meetings	4,088,972	75.77	1,307,597	24.23	5,396,569	100.00
Other	462,803	8.58	4,933,766	91.42	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 59

**Degree of Change in Funding Sources for Labor and Non-Labor Items Compared to 1988  
Agencies**

Labor and Non-Labor Items		Agency's Perception of Level Now in Comparison to 1988												Total	
		More		About the Same		Less		Not Applicable		Don't Know					
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
WIC Funded Staff	1225	68.95	391	22.00	153	8.58	8	0.46	0	0	1777	100.00			
Non-WIC Funded Staff	310	17.44	434	24.41	94	5.32	939	52.84	0	0	1777	100.00			
WIC Funded Non-Labor Items:															
Space	550	30.94	736	41.44	89	5.01	396	22.31	5	0.31	1777	100.00			
Utilities	471	26.52	850	47.82	81	4.57	370	20.80	5	0.31	1777	100.00			
Computer Equipment	871	48.99	378	21.25	64	3.60	460	25.86	5	0.31	1777	100.00			
Medical Equipment	504	33.97	820	46.16	88	4.95	260	14.63	5	0.31	1777	100.00			
Educational Equipment	825	46.45	764	42.99	125	7.04	57	3.22	5	0.31	1777	100.00			
Other	669	37.66	679	38.24	160	9.03	263	14.77	5	0.31	1777	100.00			
Non-WIC Funded Non-Labor Items:															
Space	311	17.48	785	44.17	147	8.29	529	29.75	5	0.31	1777	100.00			
Utilities	296	16.65	823	46.29	115	6.46	538	30.30	5	0.31	1777	100.00			
Computer Equipment	341	19.21	359	20.21	88	4.98	983	55.29	5	0.31	1777	100.00			
Medical Equipment	200	11.26	665	37.44	117	6.61	789	44.38	5	0.31	1777	100.00			
Educational Equipment	247	13.89	563	31.68	168	9.47	793	44.65	5	0.31	1777	100.00			
Other	243	13.67	449	25.27	164	9.23	916	51.53	5	0.31	1777	100.00			

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 59

Number and Percentage of Agencies and Affected Participants by Degree of Change in Funding Sources for Labor and Non-Labor Items Compared to 1988 Participants

Labor and Non-Labor Items		Agency's Perception of Level Now in Comparison to 1988										Total	
		More		About the Same		Less		Not Applicable		Don't Know			
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
WIC Funded Staff	4,500,011	83.39	500,212	9.27	386,989	7.17	9,357	0.17	0	0	5,396,569	100.00	
Non-WIC Funded Staff	1,056,458	19.58	964,670	17.88	445,244	8.25	2,930,198	54.30	0	0	5,396,569	100.00	
WIC Funded Non-Labor Items:													
Space	2,611,958	48.40	1,538,887	28.52	400,485	7.42	833,989	15.45	11,250	0.21	5,396,569	100.00	
Utilities	2,312,193	42.85	1,752,318	32.47	225,073	4.17	1,095,735	20.30	11,250	0.21	5,396,569	100.00	
Computer Equipment	3,506,662	64.94	695,962	12.90	201,988	3.74	982,708	18.21	11,250	0.21	5,396,569	100.00	
Medical Equipment	2,670,890	49.49	1,567,024	29.06	258,393	4.79	889,012	16.47	11,250	0.21	5,396,569	100.00	
Educational Equipment	3,079,586	57.07	1,790,233	33.17	315,725	5.85	199,775	3.70	11,250	0.21	5,396,569	100.00	
Other	2,568,712	47.80	1,523,073	28.22	481,455	8.92	812,078	15.05	11,250	0.21	5,396,569	100.00	
Non-WIC Funded Non-Labor Items:													
Space	1,290,877	23.92	1,565,862	29.02	1,008,543	18.69	1,520,037	28.17	11,250	0.21	5,396,569	100.00	
Utilities	1,171,450	21.71	1,695,528	31.42	853,107	15.81	1,665,235	30.86	11,250	0.21	5,396,569	100.00	
Computer Equipment	918,858	17.03	756,977	14.03	331,188	6.14	3,378,296	62.60	11,250	0.21	5,396,569	100.00	
Medical Equipment	728,540	13.50	1,151,163	21.33	825,734	15.30	2,679,882	49.66	11,250	0.21	5,396,569	100.00	
Educational Equipment	636,346	11.79	1,122,499	20.80	624,028	11.56	3,002,446	55.64	11,250	0.21	5,396,569	100.00	
Other	637,014	11.80	977,038	18.10	761,744	14.12	3,009,523	55.77	11,250	0.21	5,396,569	100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 60

Number and Percentage of Agencies and Affected Participants by  
Degree of Change in Number and Appropriateness of Staff  
Agencies

Agency's Perception of Level Now in Comparison to 1988													
Number and Appropriateness of Staff		More than Sufficient		No Change		Less than Sufficient		Not Applicable		Don't Know		Total	
	No.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Number of Staff													
Professional	437	24.58	785	44.18	483	27.19	72	4.05	0	0	1777	100.00	
Paraprofessional	226	12.59	523	29.44	271	15.23	760	42.74	0	0	1777	100.00	
Clerical/Support	361	19.20	879	49.46	428	26.06	113	6.36	16	0.92	1777	100.00	
Skills and Experiences in Providing Nutrition Education/Nutrition Services													
Professional	759	42.72	798	44.88	175	9.87	45	2.53	0	0	1777	100.00	
Paraprofessional	334	18.79	434	24.41	119	6.69	891	50.12	0	0	1777	100.00	
Clerical/Support	320	18.00	855	48.12	101	5.67	493	27.77	8	0.45	1777	100.00	
Skills and Experiences in Providing Non-Nutritional Services													
Professional	708	39.86	818	46.01	180	10.15	64	3.59	7	0.40	1777	100.00	
Paraprofessional	331	18.60	456	25.66	109	6.11	875	49.23	7	0.40	1777	100.00	
Clerical/Support	437	24.58	915	51.46	145	8.14	268	15.09	13	0.72	1777	100.00	

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 60

**Number and Percentage of Agencies and Affected Participants by Degree of Change in Number and Appropriateness of Staff Participants**

Number and Appropriateness of Staff		Agency's Perception of Level Now in Comparison to 1988										Total			
		More than Sufficient		No Change		Less than Sufficient		Not Applicable		Don't Know					
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.				
Number of Staff															
Professional	1,355,799	25.12	1,995,386	36.98	1,964,206	36.40	81,178	1.50	0	0	5,396,569	100.00			
Paraprofessional	559,583	10.37	1,767,351	32.75	1,270,518	23.54	1,799,117	33.34	0	0	5,396,569	100.00			
Clerical/Support	1,225,811	22.71	2,166,381	40.14	1,905,253	35.30	93,737	1.74	5,387	0.10	5,396,569	100.00			
<b>Skills and Experiences in Providing Nutrition Education/Nutrition Services</b>															
Professional	2,280,063	42.25	2,321,255	43.01	745,356	13.81	49,896	0.92	0	0	5,396,569	100.00			
Paraprofessional	1,019,056	18.88	1,652,983	30.63	611,000	11.32	2,113,530	39.16	0	0	5,396,569	100.00			
Clerical/Support	783,993	14.53	2,432,431	45.07	452,299	8.38	1,685,667	31.24	42,178	0.78	5,396,569	100.00			
<b>Skills and Experiences in Providing Non-Nutritional Services</b>															
Professional	2,166,439	40.14	2,152,634	39.89	956,216	17.72	109,499	2.03	11,781	0.22	5,396,569	100.00			
Paraprofessional	978,068	18.12	1,747,990	32.39	622,598	11.54	2,036,134	37.73	11,781	0.22	5,396,569	100.00			
Clerical/Support	1,462,931	27.11	2,579,868	47.81	880,814	15.95	466,170	8.64	26,786	0.50	5,396,569	100.00			

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 61

Number and Percentage of Agencies and Affected Participants by Degree of Change Perceived in Recruiting and Retaining Staff Agencies

Degree of Difficulty	Agency's Perception of Level of Difficulty Now in Comparison to 1988						Total
	More Difficult	About the Same	Less Difficult	Not Applicable	No.	Pct.	
Recruiting Staff and Filling Vacancies	497   27.98	1154   64.96	120   6.77	5   0.30	1777	100.00	
Retaining Staff	259   14.57	1306   73.50	202   11.36	10   0.57	1777	100.00	

## Participants

Degree of Difficulty	Agency's Perception of Level of Difficulty Now in Comparison to 1988						Total
	More Difficult	About the Same	Less Difficult	Not Applicable	No.	Pct.	
Recruiting Staff and Filling Vacancies	2,651   32.3	2,366   86.8	363   6.54	6   0.74	5,396	569	100.00
Retaining Staff	1,451   0.81	26.89   3,278	0.69   60.74	657   5.98	12.19   9,822	0.18   5,396	569

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 62

**Number and Percentage of Agencies and Affected Participants by Degree of Change in Space Since 1988**

		Agency's Perception of Change in Space Since 1988										
		Decreased			About the Same			Increased			Total	
		No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
Agencies		686	38.59	485	27.31	606	34.10	1,777	100.00			
Participants		2,822,674	52.30	1,203,285	22.30	1,370,610	25.40	5,396,569	100.00			

**NOTE:** Based on 1777 local agencies and 5,396,569 participants

Table 63

Number and Percentage of Agencies and Affected Participants by  
Degree of Change in Waiting Time and Time Spent Receiving Specific Services

## Agencies

Type of Service	Agency's Perception of Change in Waiting and Receiving Times Since 1988												Total	
	Decreased		About the Same		Increased		Not Applicable		Don't Know					
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.		
<b>Waiting Time for:</b>														
Certifications	479	26.94	878	49.39	398	22.40	11	0.59	12	0.68	1777	100.00		
Group Nutrition Education	269	15.15	808	45.46	103	5.78	597	33.61	0	0	1777	100.00		
Individual Nutrition Education	375	21.11	1092	61.45	247	13.92	62	3.52	0	0	1777	100.00		
Issuance	555	31.24	845	47.57	262	14.75	106	5.95	9	0.50	1777	100.00		
Food Pick Up	99	5.59	176	9.93	20	1.11	1476	83.07	5	0.30	1777	100.00		
<b>Time Spent Receiving:</b>														
Certifications	405	22.78	1034	58.18	333	18.73	2	0.13	3	0.18	1777	100.00		
Group Nutrition Education	206	11.61	757	42.62	254	14.29	559	31.48	0	0	1777	100.00		
Individual Nutrition Education	273	15.39	1063	59.82	424	23.86	171	0.93	0	0	1777	100.00		
Issuance	565	32.91	891	50.13	203	11.43	95	5.34	3	0.19	1777	100.00		
Food Pick Up	89	5.00	136	7.66	23	1.31	1514	85.21	15	0.82	1777	100.00		

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 63

Number and Percentage of Agencies and Affected Participants by Degree of Change in Waiting Time and Time Spent Receiving Specific Services Participants

Type of Service	Agency's Perception of Change in Waiting and Receiving Times Since 1988												Total			
	Decreased			About the Same			Increased			Not Applicable						
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.				
<b>Waiting Time for:</b>																
Certifications	1,287	264	23.85	2,425	618	44.95	1,636	580	30.33	41,723	0.77	5,383	0.10	5,396,569	100.00	
Group Nutrition Education	955	110	17.70	2,668	413	49.45	527	759	9.78	1,245	287	23.08	0	0	5,396,569	100.00
Individual Nutrition Education	1,102,029	20,42	3,121	313	57.84	927	197	17.18	246	031	4.56	0	0	5,396,569	100.00	
Issuance	1,749	505	32.42	2,349	386	43.53	1,055	659	19.56	232	032	4.30	9,988	0.19	5,396,569	100.00
Food Pick Up	482	195	8.94	644	641	11.95	129	856	2.41	4,127	898	76.49	11,979	0.22	5,396,569	100.00
<b>Time Spent Receiving:</b>																
Certifications	1,327	732	24.60	3,015	835	55.88	986	089	18.27	32,367	0.60	34,567	0.64	5,396,569	100.00	
Group Nutrition Education	957	824	17.75	2,732	444	50.63	803	418	14.89	902	883	16.73	0	0	5,396,569	100.00
Individual Nutrition Education	1,122	513	20.80	3,262	481	60.45	957	675	17.75	53,900	1.00	0	0	5,396,569	100.00	
Issuance	1,857	882	34.43	2,709	707	50.21	614	231	11.38	194	926	3.61	19,826	0.37	5,396,569	100.00
Food Pick Up	401	557	7.44	665	322	12.33	157	283	2.91	4,125	687	76.45	46,721	0.87	5,396,569	100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 64

Number and Percentage of Principal Clinics by  
Degree of Change in Staff Time Spent on Referrals

Change in Amount of Staff Time Spent on Referrals										Total				
Substantially Less		Somewhat Less		About the Same		Somewhat More		Substantially More		Don't Know				
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
Principal Clinics	193	3.28	293	4.99	1907	32.46	2156	36.71	1195	20.34	131	2.22	5874	100.00

NOTE: Based on 1777 local agencies

Table 65

Number and Percentage of Agencies and Affected Participants by  
Degree of Change in the Quality of Nutrition Education Since 1988

Agency's Perception of Change in quality of Nutrition Education Since 1988										
		Substantially Lower		About the Same		Somewhat Higher		Substantially Higher		Total
No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	
Agencies		50	2.84	172	9.68	413	23.23	767	43.17	375
Participants		147,974	2.74	826,603	15.32	895,878	16.60	2,535,081	46.98	991,033
										5,396,569
										100.00

NOTE: Based on 1777 local agencies and 5,396,569 participants

Table 66

Number and Percentage of Agencies and Affected Participants by  
Degree of Change in Caseload Since 1988

Agency's Perception of Change in Caseload Since 1988				Total	
	Decreased	About the Same	Increased	No.	Pct.
Agencies	28	1,571	126	7,08	1623
Participants	121,006	2,241	150,005	2,78	5,125,559
				94,98	5,396,569

NOTE: Based on 1777 local agencies and 5,396,569 participants

