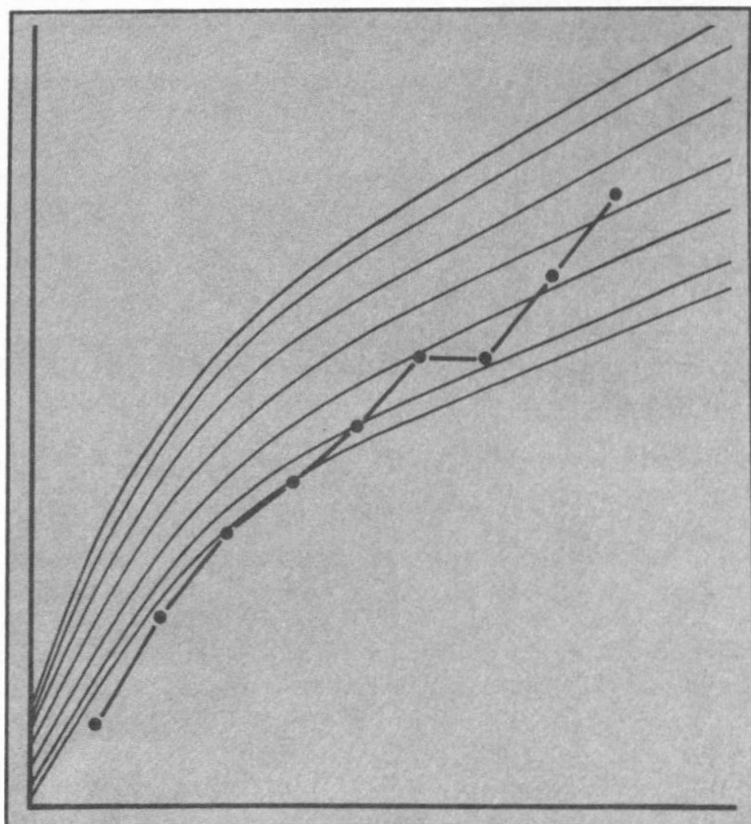


ANNUAL SUMMARY 1977  
ISSUED DECEMBER 1977

CENTER FOR DISEASE CONTROL

# NUTRITION

## SURVEILLANCE



## PREFACE

This report summarizes information, including selected indices of nutrition status, received from 15 participating states which comprise a group of contributors to a developing program of nutrition surveillance in the United States. We will consider adding other indices as their utility and availability become evident. To the extent possible, tabulations in subsequent issues will be presented in the same format unless experience indicates a change is appropriate.

The data presented in these tabulations come from a variety of sources including health department clinics, WIC screening, Head-start programs, and other health care situations. Because of the lack of uniformity of data sources, as well as methodology, direct comparisons among states should be made with caution.

Contributions to NUTRITION SURVEILLANCE are welcome. Please submit to:

Center for Disease Control  
Attention: Nutrition Division, BSE  
Atlanta, Georgia 30333

Center for Disease Control . . . . . William H. Foege, M.D.  
Director

## NUTRITION INDICES

Data presented in Tables 1-6 represent children examined during the third and fourth quarters of 1977. Data presented in Tables 7-9b represent children examined during the first and second halves of 1977. They reflect initial visits to the health system and do not represent either the results of nutrition intervention or the nutritional status of the general population.

### CRITERIA FOR IDENTIFYING INDIVIDUALS WITH LOW OR HIGH VALUES

1. Low Hemoglobin and Low Hematocrit: Hemoglobin or hematocrit below the level specified in the following table for appropriate age and sex.

| <u>Age</u>                 | <u>Hgb.</u> | <u>Hct.</u> |
|----------------------------|-------------|-------------|
| 6-23 months                | 10 grams    | 31%         |
| 2-5 years                  | 11 grams    | 34%         |
| 6-14 years                 | 12 grams    | 37%         |
| 15 or more years (females) | 12 grams    | 37%         |
| 15 or more years (males)   | 13 grams    | 40%         |

2. Low Height-For-Age: Height-for-age less than the 5th percentile of a person of the same sex and age in the reference population.
3. Low Weight-For-Age: Weight-for-age less than the 5th percentile of a person of the same sex and age in the reference population.
4. Low Weight-For-Height: Weight-for-height less than the 5th percentile of a person of the same sex and height in the reference population.
5. High Weight-For-Height: Weight-for-height greater than the 95th percentile of a person of the same sex and height in the reference population.

Reference Population: Smoothed distribution of percentiles of the following populations:

| <u>Age</u>        | <u>Reference Population Data</u>                         |
|-------------------|----------------------------------------------------------|
| Birth - 24 months | Fels Research Institute Growth Study                     |
| 25 - 59 months    | First Health and Nutrition Examination Survey (HANES)    |
| 60 - 143 months   | National Health Examination Survey, Cycle II; and HANES  |
| 144 - 215 months  | National Health Examination Survey, Cycle III; and HANES |

Note: Growth percentiles represent heights and weights which have been standardized for sex and age, and sex and height (for weight-for-height). Therefore, height and weight comparisons may be made between groups of individuals using percentiles without being concerned about the age and sex distributions of groups being compared. However, comparisons of height and weight among groups with persons of diverse ethnic origins should be made with care because of possible genetic differences in growth potential. Differences observed between groups may be due to differences in nutritional status of the individuals or in possible differences in the ethnic makeup of the groups.

Table 1

Nutrition Indices by State, July-September 1977  
Persons Less than 18 Years of Age

| State                           | <u>Hemoglobin</u> |      | <u>Hematocrit*</u> |      | <u>Height-For-Age</u> |      | <u>Weight-For-Age</u> |      | <u>Weight-For-Height</u> |     |      |
|---------------------------------|-------------------|------|--------------------|------|-----------------------|------|-----------------------|------|--------------------------|-----|------|
|                                 | No.               | %    | No.                | %    | No.                   | %    | No.                   | %    | No.                      | %   | %    |
|                                 | Exam.             | Low  | Exam.              | Low  | Exam.                 | Low  | Exam.                 | Low  | Exam.                    | Low | High |
| Arizona                         | 1,705             | 6.6  | 2,345              | 14.6 | 4,474                 | 12.9 | 4,413                 | 9.4  | 2,948                    | 5.9 | 10.8 |
| California (Los Angeles County) | 48                | 33.3 | 113                | 27.4 | 355                   | 10.1 | 355                   | 5.6  | 321                      | 1.2 | 10.6 |
| Florida                         | 520               | 17.1 | 426                | 24.2 | 1,282                 | 14.0 | 1,289                 | 8.8  | 942                      | 8.6 | 12.5 |
| Illinois                        | 1,050             | 13.6 | 1,353              | 17.7 | 2,141                 | 12.6 | 2,143                 | 6.3  | 2,122                    | 4.9 | 13.4 |
| Kentucky                        | 1,694             | 16.8 | 3,620              | 23.9 | 7,996                 | 11.7 | 8,008                 | 8.7  | 6,252                    | 8.1 | 8.8  |
| Louisiana                       | 2,735             | 19.8 | 3,001              | 16.2 | 8,308                 | 14.3 | 8,354                 | 8.8  | 6,550                    | 6.1 | 10.9 |
| Minnesota                       | 159               | 20.8 | 79                 | 17.7 | 270                   | 6.3  | 300                   | 8.3  | 252                      | 7.5 | 8.7  |
| Montana                         | 9                 | 88.9 | 587                | 25.0 | 980                   | 11.4 | 980                   | 5.9  | 809                      | 2.3 | 8.4  |
| New Jersey                      | 69                | 7.2  | 58                 | 29.3 | 202                   | 22.8 | 202                   | 10.4 | 152                      | 6.6 | 15.1 |
| Ohio                            | 706               | 9.2  | 1,163              | 16.1 | 2,629                 | 8.3  | 2,631                 | 6.7  | 2,022                    | 5.6 | 7.3  |
| Oregon                          | 334               | 10.2 | 958                | 14.5 | 2,325                 | 9.9  | 2,331                 | 7.0  | 2,013                    | 4.1 | 10.1 |
| Tennessee                       | 121               | 4.1  | 6,719              | 19.8 | 8,868                 | 10.4 | 8,949                 | 5.7  | 6,926                    | 5.0 | 11.7 |
| Washington                      | 290               | 11.7 | 2,701              | 11.4 | 4,103                 | 12.2 | 4,106                 | 7.2  | 3,360                    | 4.2 | 11.4 |
| Total                           | 9,440             | 14.5 | 23,123             | 18.2 | 43,933                | 11.9 | 44,061                | 7.6  | 34,669                   | 5.8 | 10.6 |

\*Includes unknown sex for children less than 15 years of age.



Table 2

Nutrition Indices by Sex and Ethnic Group, July-September 1977  
Persons Less than 18 Years of Age

| Sex and<br>Ethnic Group | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |      | Weight-For-Height |      |      |
|-------------------------|------------|------|------------|------|----------------|------|----------------|------|-------------------|------|------|
|                         | No.        | %    | No.        | %    | No.            | %    | No.            | %    | No.               | %    | %    |
|                         | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low  | High |
| Male                    |            |      |            |      |                |      |                |      |                   |      |      |
| Black                   | 1,910      | 18.0 | 3,516      | 19.2 | 7,207          | 14.1 | 7,244          | 8.2  | 5,839             | 6.2  | 10.9 |
| White                   | 2,038      | 12.6 | 6,770      | 18.7 | 12,118         | 10.9 | 12,157         | 7.4  | 10,135            | 5.7  | 9.0  |
| Sp. American            | 560        | 7.1  | 880        | 15.0 | 1,595          | 14.7 | 1,583          | 6.9  | 1,246             | 4.6  | 13.2 |
| Am. Indian              | 39         | 15.4 | 352        | 14.5 | 809            | 15.5 | 798            | 9.4  | 586               | 4.9  | 14.5 |
| Oriental                | 23         | 17.4 | 45         | 17.8 | 81             | 13.6 | 81             | 11.1 | 76                | 5.3  | 10.5 |
| Other                   | 19         | 21.1 | 54         | 14.8 | 102            | 22.5 | 105            | 16.2 | 86                | 10.5 | 11.6 |
| Unknown                 | 18         | 0.0  | 92         | 12.0 | 139            | 11.5 | 139            | 6.5  | 110               | 5.5  | 6.4  |
| Total                   | 4,607      | 14.2 | 11,709     | 18.4 | 22,051         | 12.4 | 22,107         | 7.8  | 18,078            | 5.8  | 10.1 |
| Female                  |            |      |            |      |                |      |                |      |                   |      |      |
| Black                   | 1,967      | 18.6 | 3,379      | 19.6 | 7,265          | 12.6 | 7,310          | 8.0  | 5,501             | 6.0  | 11.6 |
| White                   | 2,174      | 12.9 | 6,530      | 17.5 | 11,830         | 10.4 | 11,871         | 7.1  | 9,136             | 6.0  | 10.3 |
| Sp. American            | 588        | 9.7  | 944        | 17.4 | 1,665          | 13.4 | 1,647          | 7.4  | 1,175             | 3.8  | 14.6 |
| Am. Indian              | 49         | 20.4 | 384        | 18.8 | 823            | 11.1 | 824            | 7.9  | 538               | 5.0  | 15.1 |
| Oriental                | 18         | 16.7 | 38         | 2.6  | 67             | 14.9 | 69             | 14.5 | 57                | 7.0  | 1.8  |
| Other                   | 14         | 0.0  | 46         | 6.5  | 78             | 23.1 | 78             | 14.1 | 62                | 3.2  | 11.3 |
| Unknown                 | 23         | 8.7  | 92         | 16.3 | 154            | 5.2  | 155            | 5.2  | 122               | 7.4  | 11.5 |
| Total                   | 4,833      | 14.9 | 11,413     | 18.0 | 21,882         | 11.4 | 21,954         | 7.5  | 16,591            | 5.8  | 11.2 |

Table 3

Nutrition Indices by Sex and Age, July-September 1977  
Persons Less than 18 Years of Age

| Sex and<br>Age Group | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |     | Weight-For-Height |     |      |
|----------------------|------------|------|------------|------|----------------|------|----------------|-----|-------------------|-----|------|
|                      | No.        | %    | No.        | %    | No.            | %    | No.            | %   | No.               | %   | %    |
|                      | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low | Exam.             | Low | High |
| Male                 |            |      |            |      |                |      |                |     |                   |     |      |
| <1                   | 604        | 6.5  | 1,634      | 9.7  | 8,113          | 13.8 | 8,141          | 7.1 | 5,659             | 6.4 | 11.0 |
| 1                    | 991        | 9.2  | 2,326      | 9.2  | 3,238          | 15.6 | 3,253          | 9.3 | 3,205             | 6.6 | 14.1 |
| 2-5                  | 1,975      | 16.5 | 5,220      | 22.4 | 7,120          | 11.1 | 7,125          | 8.1 | 7,080             | 4.7 | 8.5  |
| 6-9                  | 473        | 21.1 | 1,383      | 29.5 | 1,872          | 7.7  | 1,875          | 7.0 | 1,834             | 6.9 | 5.9  |
| 10-12                | 254        | 16.5 | 587        | 21.3 | 844            | 9.8  | 844            | 7.0 | 300               | 4.7 | 13.0 |
| 13-17                | 310        | 18.1 | 559        | 13.6 | 864            | 10.9 | 869            | 8.7 | -                 | -   | -    |
| Total                | 4,607      | 14.2 | 11,709     | 18.4 | 22,051         | 12.4 | 22,107         | 7.8 | 18,078            | 5.8 | 10.1 |
| Female               |            |      |            |      |                |      |                |     |                   |     |      |
| <1                   | 637        | 5.7  | 1,515      | 9.2  | 7,960          | 12.1 | 8,004          | 6.9 | 5,173             | 6.6 | 11.2 |
| 1                    | 950        | 8.8  | 2,180      | 8.9  | 3,071          | 13.7 | 3,084          | 7.2 | 3,025             | 5.3 | 15.5 |
| 2-5                  | 1,920      | 16.3 | 4,961      | 20.0 | 6,856          | 11.1 | 6,858          | 7.9 | 6,811             | 4.8 | 10.0 |
| 6-9                  | 451        | 24.8 | 1,285      | 29.6 | 1,745          | 7.6  | 1,742          | 9.1 | 1,574             | 8.5 | 7.8  |
| 10-12                | 263        | 21.7 | 542        | 24.2 | 789            | 10.5 | 788            | 8.4 | 8                 | 0.0 | 12.5 |
| 13-17                | 612        | 19.0 | 930        | 23.5 | 1,461          | 9.7  | 1,478          | 6.6 | -                 | -   | -    |
| Total                | 4,833      | 14.9 | 11,413     | 18.0 | 21,882         | 11.4 | 21,954         | 7.5 | 16,591            | 5.8 | 11.2 |

Table 4

Nutrition Indices by State, October-December 1977  
Persons Less than 18 Years of Age

| State                           | <u>Hemoglobin</u> |          | <u>Hematocrit*</u> |          | <u>Height-For-Age</u> |          | <u>Weight-For-Age</u> |          | <u>Weight-For-Height</u> |          |           |
|---------------------------------|-------------------|----------|--------------------|----------|-----------------------|----------|-----------------------|----------|--------------------------|----------|-----------|
|                                 | No.<br>Exam.      | %<br>Low | No.<br>Exam.       | %<br>Low | No.<br>Exam.          | %<br>Low | No.<br>Exam.          | %<br>Low | No.<br>Exam.             | %<br>Low | %<br>High |
| Alabama                         | -                 | -        | 1                  | 0.0      | 1                     | 0.0      | 1                     | 0.0      | 1                        | 0.0      | 0.0       |
| Arizona                         | 1,590             | 4.8      | 2,344              | 12.8     | 4,515                 | 12.1     | 4,492                 | 8.9      | 2,971                    | 5.1      | 11.8      |
| California (Los Angeles County) | 20                | 30.0     | 68                 | 30.9     | 98                    | 8.2      | 98                    | 4.1      | 95                       | 2.1      | 10.5      |
| Florida                         | 317               | 19.2     | 273                | 26.0     | 747                   | 11.5     | 749                   | 6.9      | 590                      | 5.9      | 9.0       |
| Illinois                        | 537               | 16.8     | 1,034              | 19.1     | 1,354                 | 14.8     | 1,353                 | 6.6      | 1,346                    | 4.2      | 16.6      |
| Kentucky                        | 1,427             | 20.5     | 2,830              | 21.2     | 6,744                 | 12.0     | 6,735                 | 6.6      | 5,219                    | 5.0      | 11.4      |
| Louisiana                       | 2,511             | 15.9     | 969                | 19.1     | 5,001                 | 13.3     | 5,029                 | 7.2      | 3,690                    | 4.2      | 12.0      |
| Minnesota                       | 115               | 9.6      | 247                | 7.7      | 377                   | 4.2      | 390                   | 5.4      | 369                      | 5.7      | 4.6       |
| Montana                         | 7                 | 14.3     | 404                | 16.6     | 704                   | 9.1      | 710                   | 5.5      | 611                      | 2.6      | 7.7       |
| New Jersey                      | 70                | 2.9      | 50                 | 44.0     | 202                   | 19.3     | 202                   | 8.4      | 155                      | 3.2      | 14.8      |
| Ohio                            | 738               | 10.3     | 839                | 11.0     | 2,308                 | 8.7      | 2,323                 | 5.2      | 1,714                    | 6.0      | 8.5       |
| Oregon                          | 209               | 8.1      | 1,202              | 19.1     | 2,284                 | 9.5      | 2,289                 | 5.8      | 1,797                    | 3.8      | 10.8      |
| Tennessee                       | 97                | 3.1      | 6,279              | 20.4     | 9,289                 | 11.8     | 9,342                 | 5.8      | 7,014                    | 3.6      | 12.3      |
| Washington                      | 339               | 15.9     | 2,936              | 12.9     | 4,838                 | 13.2     | 4,838                 | 6.1      | 4,070                    | 3.0      | 13.3      |
| Total                           | 7,977             | 13.7     | 19,476             | 17.8     | 38,462                | 11.9     | 38,551                | 6.5      | 29,642                   | 4.2      | 11.8      |

\*Includes unknown sex for children less than 15 years of age

Table 5

Nutrition Indices by Sex and Ethnic Group, October-December 1977  
Persons Less than 18 Years of Age

| Sex and<br>Ethnic Group | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |      | Weight-For-Height |     |      |
|-------------------------|------------|------|------------|------|----------------|------|----------------|------|-------------------|-----|------|
|                         | No.        | %    | No.        | %    | No.            | %    | No.            | %    | No.               | %   | %    |
|                         | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low | High |
| Male                    |            |      |            |      |                |      |                |      |                   |     |      |
| Black                   | 1,392      | 18.4 | 2,039      | 22.3 | 4,728          | 13.3 | 4,746          | 6.8  | 3,727             | 4.2 | 11.5 |
| White                   | 1,951      | 12.4 | 6,120      | 16.9 | 11,454         | 11.4 | 11,478         | 6.5  | 9,355             | 4.4 | 11.1 |
| Sp. American            | 444        | 8.3  | 738        | 17.3 | 1,336          | 17.2 | 1,335          | 8.1  | 1,034             | 3.7 | 17.1 |
| Am. Indian              | 61         | 8.2  | 481        | 14.1 | 963            | 10.9 | 952            | 6.9  | 740               | 4.1 | 15.5 |
| Oriental                | 6          | 33.3 | 47         | 4.3  | 69             | 20.3 | 69             | 13.0 | 63                | 7.9 | 4.8  |
| Other                   | 8          | 0.0  | 59         | 6.8  | 77             | 19.5 | 77             | 9.1  | 72                | 4.2 | 13.9 |
| Unknown                 | 17         | 0.0  | 201        | 10.0 | 470            | 10.0 | 470            | 4.5  | 462               | 1.3 | 9.3  |
| Total                   | 3,879      | 13.9 | 9,685      | 17.6 | 19,097         | 12.3 | 19,127         | 6.7  | 15,453            | 4.2 | 11.7 |
| Female                  |            |      |            |      |                |      |                |      |                   |     |      |
| Black                   | 1,438      | 18.1 | 2,083      | 20.6 | 4,925          | 13.0 | 4,940          | 7.0  | 3,463             | 4.5 | 12.5 |
| White                   | 2,051      | 12.3 | 6,127      | 17.7 | 11,435         | 10.4 | 11,483         | 6.0  | 8,547             | 4.3 | 10.7 |
| Sp. American            | 477        | 5.9  | 791        | 16.3 | 1,406          | 14.8 | 1,402          | 7.1  | 944               | 4.2 | 16.0 |
| Am. Indian              | 75         | 8.0  | 497        | 16.5 | 962            | 10.2 | 961            | 6.8  | 635               | 4.9 | 16.7 |
| Oriental                | 11         | 0.0  | 38         | 18.4 | 63             | 14.3 | 63             | 15.9 | 56                | 5.4 | 7.1  |
| Other                   | 17         | 11.8 | 60         | 15.0 | 88             | 22.7 | 89             | 7.9  | 77                | 3.9 | 15.6 |
| Unknown                 | 29         | 10.3 | 192        | 7.3  | 486            | 12.8 | 486            | 4.1  | 467               | 1.3 | 15.2 |
| Total                   | 4,098      | 13.4 | 9,788      | 17.9 | 19,365         | 11.5 | 19,424         | 6.4  | 14,189            | 4.2 | 11.9 |

Table 6

Nutrition Indices by Sex and Age, October-December 1977  
Persons Less than 18 Years of Age

| Sex and<br>Age Group | <u>Hemoglobin</u> |      | <u>Hematocrit</u> |      | <u>Height-For-Age</u> |      | <u>Weight-For-Age</u> |     | <u>Weight-For-Height</u> |     |      |
|----------------------|-------------------|------|-------------------|------|-----------------------|------|-----------------------|-----|--------------------------|-----|------|
|                      | No.               | %    | No.               | %    | No.                   | %    | No.                   | %   | No.                      | %   | %    |
|                      | Exam.             | Low  | Exam.             | Low  | Exam.                 | Low  | Exam.                 | Low | Exam.                    | Low | High |
| Male                 |                   |      |                   |      |                       |      |                       |     |                          |     |      |
| <1                   | 510               | 7.8  | 1,315             | 8.4  | 7,360                 | 13.7 | 7,376                 | 6.8 | 5,079                    | 5.0 | 11.9 |
| 1                    | 798               | 10.7 | 2,027             | 10.5 | 2,750                 | 16.0 | 2,752                 | 7.5 | 2,722                    | 4.3 | 15.0 |
| 2-5                  | 1,651             | 15.7 | 4,361             | 21.8 | 6,077                 | 10.7 | 6,084                 | 6.4 | 6,056                    | 3.3 | 10.9 |
| 6-9                  | 433               | 19.6 | 933               | 31.4 | 1,370                 | 7.2  | 1,373                 | 5.7 | 1,349                    | 5.0 | 8.3  |
| 10-12                | 230               | 12.2 | 430               | 18.4 | 656                   | 7.8  | 657                   | 6.4 | 247                      | 3.2 | 10.5 |
| 13-17                | 257               | 16.7 | 619               | 10.3 | 884                   | 11.1 | 885                   | 7.7 | -                        | -   | -    |
| Total                | 3,879             | 13.9 | 9,685             | 17.6 | 19,097                | 12.3 | 19,127                | 6.7 | 15,453                   | 4.2 | 11.7 |
| Female               |                   |      |                   |      |                       |      |                       |     |                          |     |      |
| <1                   | 502               | 7.0  | 1,365             | 8.4  | 7,380                 | 13.0 | 7,405                 | 6.8 | 4,675                    | 5.8 | 9.9  |
| 1                    | 692               | 9.1  | 1,917             | 8.7  | 2,546                 | 12.5 | 2,554                 | 6.8 | 2,518                    | 4.4 | 15.8 |
| 2-5                  | 1,670             | 13.9 | 4,215             | 21.4 | 5,967                 | 11.1 | 5,977                 | 6.0 | 5,948                    | 2.7 | 12.4 |
| 6-9                  | 371               | 21.8 | 803               | 30.0 | 1,186                 | 7.9  | 1,189                 | 6.4 | 1,040                    | 5.5 | 8.3  |
| 10-12                | 268               | 18.3 | 463               | 17.3 | 717                   | 8.8  | 716                   | 8.0 | 8                        | 0.0 | 25.0 |
| 13-17                | 595               | 14.8 | 1,025             | 24.6 | 1,569                 | 8.9  | 1,583                 | 4.6 | -                        | -   | -    |
| Total                | 4,098             | 13.4 | 9,788             | 17.9 | 19,365                | 11.5 | 19,424                | 6.4 | 14,189                   | 4.2 | 11.9 |

Nutrition Indices by State, January-December 1977  
Persons Less than 18 Years of Age

Table 7

| State      | Date     | Hemoglobin*  |          | Hematocrit*  |          | Height-For-Age |          | Weight-For-Age |          | Weight-For-Height |          |           |
|------------|----------|--------------|----------|--------------|----------|----------------|----------|----------------|----------|-------------------|----------|-----------|
|            |          | No.<br>Exam. | %<br>Low | No.<br>Exam. | %<br>Low | No.<br>Exam.   | %<br>Low | No.<br>Exam.   | %<br>Low | No.<br>Exam.      | %<br>Low | %<br>High |
| Alabama    | 1977 1st | -            | -        | 93           | 6.5      | 149            | 6.0      | 151            | 6.6      | 86                | 11.6     | 3.5       |
|            | 2nd      | -            | -        | 1            | 0.0      | 1              | 0.0      | 1              | 0.0      | 1                 | 0.0      | 0.0       |
|            | Total    | -            | -        | 94           | 6.4      | 150            | 6.0      | 152            | 6.6      | 87                | 11.5     | 3.5       |
| Arizona    | 1977 1st | 2,808        | 7.3      | 4,216        | 17.2     | 7,657          | 16.1     | 7,574          | 9.5      | 5,238             | 5.7      | 14.0      |
|            | 2nd      | 3,295        | 5.7      | 4,689        | 13.7     | 8,989          | 12.5     | 8,905          | 9.2      | 5,919             | 5.5      | 11.3      |
|            | Total    | 6,103        | 6.5      | 8,905        | 15.4     | 16,646         | 14.2     | 16,479         | 9.3      | 11,157            | 5.6      | 12.5      |
| California | 1977 1st | 102          | 3.9      | 210          | 25.7     | 371            | 10.0     | 372            | 5.9      | 286               | 2.1      | 14.7      |
|            | 2nd      | 68           | 32.4     | 181          | 28.7     | 453            | 9.7      | 453            | 5.3      | 416               | 1.4      | 10.6      |
|            | Total    | 170          | 15.3     | 391          | 27.1     | 824            | 9.8      | 825            | 5.6      | 702               | 1.7      | 12.3      |
| Florida    | 1977 1st | 158          | 17.1     | 129          | 24.8     | 652            | 13.7     | 703            | 7.1      | 440               | 5.5      | 14.1      |
|            | 2nd      | 837          | 17.9     | 699          | 24.9     | 2,029          | 13.1     | 2,038          | 8.1      | 1,332             | 7.6      | 11.2      |
|            | Total    | 995          | 17.8     | 828          | 24.9     | 2,681          | 13.2     | 2,741          | 7.9      | 1,972             | 7.1      | 11.8      |
| Illinois   | 1977 1st | 1,340        | 14.3     | 1,873        | 22.2     | 2,884          | 13.6     | 2,893          | 7.3      | 2,848             | 4.5      | 14.6      |
|            | 2nd      | 1,587        | 14.7     | 2,387        | 18.3     | 3,495          | 13.4     | 3,496          | 6.4      | 3,468             | 4.6      | 14.6      |
|            | Total    | 2,927        | 14.5     | 4,260        | 20.0     | 6,379          | 13.5     | 6,389          | 6.8      | 6,316             | 4.6      | 14.6      |
| Kentucky   | 1977 1st | 3,317        | 19.3     | 3,460        | 22.7     | 10,177         | 12.0     | 10,193         | 6.3      | 7,894             | 5.7      | 12.5      |
|            | 2nd      | 3,121        | 18.5     | 6,450        | 22.7     | 14,740         | 11.8     | 14,743         | 7.7      | 11,471            | 6.7      | 10.0      |
|            | Total    | 6,438        | 18.9     | 9,910        | 22.7     | 24,917         | 11.9     | 24,936         | 7.1      | 19,365            | 6.3      | 11.0      |
| Louisiana  | 1977 1st | 4,822        | 19.1     | 2,852        | 23.7     | 9,285          | 10.9     | 9,401          | 6.7      | 5,978             | 4.9      | 10.5      |
|            | 2nd      | 5,246        | 18.0     | 3,970        | 16.9     | 13,309         | 14.0     | 13,383         | 8.2      | 10,240            | 5.4      | 11.3      |
|            | Total    | 10,068       | 18.5     | 6,822        | 19.8     | 22,594         | 12.7     | 22,784         | 7.6      | 16,218            | 5.2      | 11.0      |
| Minnesota  | 1977 1st | 257          | 16.7     | 158          | 23.4     | 408            | 10.5     | 455            | 7.9      | 371               | 4.3      | 12.1      |
|            | 2nd      | 274          | 16.1     | 326          | 10.1     | 647            | 5.1      | 690            | 6.7      | 621               | 6.4      | 6.3       |
|            | Total    | 531          | 16.4     | 484          | 14.5     | 1,055          | 7.2      | 1,145          | 7.2      | 992               | 5.7      | 8.5       |
| Montana    | 1977 1st | 12           | 16.7     | 1,564        | 18.4     | 2,197          | 12.2     | 2,203          | 7.4      | 1,767             | 3.6      | 8.3       |
|            | 2nd      | 16           | 56.3     | 991          | 21.6     | 1,684          | 10.5     | 1,690          | 5.7      | 1,420             | 2.5      | 8.1       |
|            | Total    | 28           | 39.3     | 2,555        | 19.7     | 3,881          | 11.5     | 3,893          | 6.7      | 3,187             | 3.1      | 8.2       |
| New Jersey | 1977 1st | 1            | 0.0      | -            | -        | 1              | 0.0      | 1              | 0.0      | 1                 | 0.0      | 0.0       |
|            | 2nd      | 139          | 5.0      | 108          | 36.1     | 404            | 21.0     | 404            | 9.4      | 307               | 4.9      | 15.0      |
|            | Total    | 140          | 5.0      | 108          | 36.1     | 405            | 21.0     | 405            | 9.4      | 308               | 4.9      | 14.9      |
| Nevada     | 1977 1st | 96           | 7.3      | 227          | 7.9      | 502            | 13.9     | 504            | 8.1      | 427               | 7.5      | 9.4       |
|            | 2nd      | -            | -        | -            | -        | -              | -        | -              | -        | -                 | -        | -         |
|            | Total    | 96           | 7.3      | 227          | 7.9      | 502            | 13.9     | 504            | 8.1      | 427               | 7.5      | 9.4       |
| Ohio       | 1977 1st | 826          | 4.5      | 1,465        | 16.0     | 3,319          | 8.4      | 3,330          | 5.2      | 2,551             | 4.6      | 8.1       |
|            | 2nd      | 1,444        | 9.8      | 2,002        | 13.9     | 4,937          | 8.5      | 4,954          | 6.0      | 3,736             | 5.8      | 7.8       |
|            | Total    | 2,270        | 7.8      | 3,467        | 14.8     | 8,256          | 8.4      | 8,284          | 5.7      | 6,287             | 5.3      | 8.0       |
| Oregon     | 1977 1st | 516          | 17.6     | 778          | 11.6     | 2,172          | 12.1     | 2,174          | 6.8      | 1,841             | 3.7      | 10.0      |
|            | 2nd      | 543          | 9.4      | 2,160        | 17.1     | 4,609          | 9.7      | 4,620          | 6.4      | 3,810             | 4.0      | 10.4      |
|            | Total    | 1,059        | 13.4     | 2,938        | 15.6     | 6,781          | 10.5     | 6,794          | 6.5      | 5,651             | 3.9      | 10.3      |
| Tennessee  | 1977 1st | 286          | 5.2      | 12,884       | 23.3     | 16,581         | 11.5     | 16,687         | 5.4      | 13,211            | 3.6      | 13.1      |
|            | 2nd      | 218          | 3.7      | 12,998       | 20.1     | 18,157         | 11.1     | 18,291         | 5.7      | 13,940            | 4.3      | 12.0      |
|            | Total    | 504          | 4.6      | 25,882       | 21.7     | 34,738         | 11.3     | 34,978         | 5.6      | 27,151            | 4.0      | 12.5      |
| Washington | 1977 1st | 296          | 15.2     | 2,946        | 12.2     | 4,421          | 12.5     | 4,427          | 6.3      | 3,772             | 3.4      | 14.4      |
|            | 2nd      | 629          | 14.0     | 5,637        | 12.2     | 8,941          | 12.7     | 8,944          | 6.6      | 7,430             | 3.5      | 12.5      |
|            | Total    | 925          | 14.4     | 8,583        | 12.2     | 13,362         | 12.7     | 13,371         | 6.5      | 11,202            | 3.5      | 13.1      |
| TOTAL      | 1977 1st | 14,837       | 15.0     | 32,855       | 20.5     | 60,776         | 12.1     | 61,068         | 6.6      | 46,711            | 4.5      | 12.4      |
|            | 2nd      | 17,417       | 14.1     | 42,599       | 18.0     | 82,395         | 11.9     | 82,612         | 7.1      | 64,311            | 5.1      | 11.2      |
|            | TOTAL    | 32,254       | 14.5     | 75,454       | 19.1     | 143,171        | 12.0     | 143,680        | 6.9      | 111,022           | 4.8      | 11.7      |

\*Includes unknown sex for children less than 15 years of age.



Table 8a

Nutrition Indices by Ethnic Group, January-December 1977  
Males Less than 18 Years of Age

| Ethnic Group          | Date  |     | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |      | Weight-For-Height |     |      |  |
|-----------------------|-------|-----|------------|------|------------|------|----------------|------|----------------|------|-------------------|-----|------|--|
|                       |       |     | No.        | %    | No.        | %    | No.            | %    | No.            | %    | No.               | %   | %    |  |
|                       |       |     | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low | High |  |
| <u>Black</u>          |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
|                       | 1977  | 1st | 2,854      | 18.7 | 4,118      | 25.5 | 8,558          | 12.9 | 8,645          | 6.7  | 6,398             | 4.7 | 11.5 |  |
|                       |       | 2nd | 3,302      | 18.1 | 5,555      | 20.3 | 11,935         | 13.8 | 11,990         | 7.7  | 9,566             | 5.4 | 11.1 |  |
|                       | Total |     | 6,156      | 18.4 | 9,673      | 22.6 | 20,493         | 13.4 | 20,635         | 7.3  | 15,964            | 5.1 | 11.3 |  |
| <u>White</u>          |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
|                       | 1977  | 1st | 3,565      | 14.3 | 9,900      | 19.2 | 17,610         | 12.0 | 17,680         | 6.5  | 14,759            | 4.3 | 12.0 |  |
|                       |       | 2nd | 3,989      | 12.5 | 12,890     | 17.8 | 23,572         | 11.1 | 23,635         | 7.0  | 19,490            | 5.0 | 10.0 |  |
|                       | Total |     | 7,554      | 13.3 | 22,790     | 18.4 | 41,182         | 11.5 | 41,315         | 6.8  | 34,249            | 4.7 | 10.9 |  |
| <u>Sp. American</u>   |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
|                       | 1977  | 1st | 761        | 10.4 | 1,066      | 19.2 | 1,921          | 13.8 | 1,909          | 6.9  | 1,525             | 4.1 | 13.8 |  |
|                       |       | 2nd | 1,004      | 7.7  | 1,618      | 16.1 | 2,931          | 15.8 | 2,918          | 7.4  | 2,280             | 4.2 | 15.0 |  |
|                       | Total |     | 1,765      | 8.8  | 2,684      | 17.3 | 4,852          | 15.1 | 4,827          | 7.2  | 3,805             | 4.1 | 14.5 |  |
| <u>Am. Indian</u>     |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
|                       | 1977  | 1st | 102        | 7.8  | 904        | 20.6 | 1,788          | 18.2 | 1,769          | 9.1  | 1,333             | 6.3 | 18.4 |  |
|                       |       | 2nd | 100        | 11.0 | 833        | 14.3 | 1,772          | 13.0 | 1,750          | 8.1  | 1,326             | 4.4 | 15.1 |  |
|                       | Total |     | 202        | 9.4  | 1,737      | 17.6 | 3,560          | 15.6 | 3,519          | 8.6  | 2,659             | 5.4 | 16.7 |  |
| <u>Orient., Other</u> |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
| <u>&amp; Unknown</u>  |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
|                       | 1977  | 1st | 72         | 11.1 | 281        | 16.7 | 441            | 14.7 | 442            | 11.1 | 380               | 6.1 | 10.0 |  |
|                       |       | 2nd | 91         | 11.0 | 498        | 10.6 | 938            | 13.4 | 941            | 7.7  | 869               | 3.8 | 9.3  |  |
|                       | Total |     | 163        | 11.0 | 779        | 12.8 | 1,379          | 13.9 | 1,383          | 8.8  | 1,249             | 4.5 | 9.5  |  |
| <u>TOTAL</u>          |       |     |            |      |            |      |                |      |                |      |                   |     |      |  |
|                       | 1977  | 1st | 7,354      | 15.5 | 16,269     | 20.8 | 30,318         | 12.8 | 30,445         | 6.8  | 24,395            | 4.5 | 12.3 |  |
|                       |       | 2nd | 8,486      | 14.1 | 21,394     | 18.1 | 41,148         | 12.4 | 41,234         | 7.3  | 33,531            | 5.0 | 10.8 |  |
|                       | TOTAL |     | 15,840     | 14.7 | 37,663     | 19.3 | 71,466         | 12.5 | 71,679         | 7.1  | 57,926            | 4.8 | 11.5 |  |

Nutrition Indices by Ethnic Group, January-December 1977  
Females Less than 18 Years of Age

| Ethnic Group                            | Date     | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |      | Weight-For-Height |     |      |
|-----------------------------------------|----------|------------|------|------------|------|----------------|------|----------------|------|-------------------|-----|------|
|                                         |          | No.        | %    | No.        | %    | No.            | %    | No.            | %    | No.               | %   | %    |
|                                         |          | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low | High |
| <u>Black</u>                            |          |            |      |            |      |                |      |                |      |                   |     |      |
|                                         | 1977 1st | 2,871      | 18.2 | 4,224      | 23.0 | 8,729          | 11.0 | 8,821          | 6.1  | 5,820             | 4.9 | 12.4 |
|                                         | 2nd      | 3,405      | 18.2 | 5,462      | 20.0 | 12,190         | 12.7 | 12,250         | 7.6  | 8,964             | 5.4 | 11.9 |
|                                         | Total    | 6,276      | 18.2 | 9,686      | 21.3 | 20,919         | 12.0 | 21,071         | 7.0  | 14,784            | 5.2 | 12.1 |
| <u>White</u>                            |          |            |      |            |      |                |      |                |      |                   |     |      |
|                                         | 1977 1st | 3,619      | 12.8 | 9,946      | 18.8 | 17,594         | 11.0 | 17,686         | 6.2  | 13,601            | 4.5 | 11.6 |
|                                         | 2nd      | 4,225      | 12.6 | 12,657     | 17.6 | 23,265         | 10.4 | 23,354         | 6.6  | 17,683            | 5.1 | 10.5 |
|                                         | Total    | 7,844      | 12.7 | 22,603     | 18.1 | 40,859         | 10.7 | 41,040         | 6.4  | 31,284            | 4.9 | 11.0 |
| <u>Sp. American</u>                     |          |            |      |            |      |                |      |                |      |                   |     |      |
|                                         | 1977 1st | 815        | 10.7 | 1,171      | 17.8 | 1,995          | 14.3 | 1,989          | 7.7  | 1,392             | 3.1 | 14.9 |
|                                         | 2nd      | 1,065      | 8.0  | 1,735      | 16.9 | 3,071          | 14.0 | 3,049          | 7.2  | 2,119             | 4.0 | 15.2 |
|                                         | Total    | 1,880      | 9.2  | 2,906      | 17.3 | 5,066          | 14.1 | 5,038          | 7.4  | 3,511             | 3.7 | 15.1 |
| <u>Am. Indian</u>                       |          |            |      |            |      |                |      |                |      |                   |     |      |
|                                         | 1977 1st | 103        | 3.9  | 990        | 22.9 | 1,774          | 15.4 | 1,756          | 8.1  | 1,205             | 5.3 | 20.8 |
|                                         | 2nd      | 124        | 12.9 | 881        | 17.5 | 1,785          | 10.6 | 1,785          | 7.3  | 1,173             | 4.9 | 15.9 |
|                                         | Total    | 227        | 8.8  | 1,871      | 20.4 | 3,559          | 13.0 | 3,541          | 7.7  | 2,378             | 5.1 | 18.4 |
| <u>Orient., Other<br/>&amp; Unknown</u> |          |            |      |            |      |                |      |                |      |                   |     |      |
|                                         | 1977 1st | 71         | 15.5 | 220        | 18.6 | 366            | 11.8 | 371            | 10.2 | 298               | 4.4 | 9.1  |
|                                         | 2nd      | 112        | 8.9  | 466        | 10.5 | 936            | 13.6 | 940            | 7.0  | 841               | 2.8 | 12.8 |
|                                         | Total    | 183        | 11.5 | 686        | 13.1 | 1,302          | 13.1 | 1,311          | 7.9  | 1,139             | 3.5 | 11.9 |
| <u>TOTAL</u>                            |          |            |      |            |      |                |      |                |      |                   |     |      |
|                                         | 1977 1st | 7,479      | 14.6 | 16,551     | 20.1 | 30,458         | 11.5 | 30,623         | 6.4  | 22,316            | 4.5 | 12.4 |
|                                         | 2nd      | 8,931      | 14.2 | 21,201     | 18.0 | 41,247         | 11.5 | 41,378         | 7.0  | 30,780            | 5.1 | 11.5 |
|                                         | TOTAL    | 16,410     | 14.4 | 37,752     | 18.9 | 71,705         | 11.5 | 72,001         | 6.7  | 53,096            | 4.9 | 11.9 |

Nutrition Indices by Age, January-December 1977  
Males Less than 18 Years of Age

| Age Group | Date     | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |     | Weight-For-Height |     |      |
|-----------|----------|------------|------|------------|------|----------------|------|----------------|-----|-------------------|-----|------|
|           |          | No.        | %    | No.        | %    | No.            | %    | No.            | %   | No.               | %   | %    |
|           |          | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low | Exam.             | Low | High |
| <1        | 1977 1st | 974        | 8.5  | 2,262      | 10.3 | 10,840         | 14.9 | 10,896         | 6.9 | 7,573             | 5.6 | 12.7 |
|           | 2nd      | 1,114      | 7.1  | 2,949      | 9.1  | 15,473         | 13.8 | 15,517         | 6.9 | 10,738            | 5.7 | 11.5 |
|           | Total    | 2,088      | 7.8  | 5,211      | 9.7  | 26,313         | 14.2 | 26,413         | 6.9 | 18,311            | 5.7 | 12.0 |
| 1         | 1977 1st | 1,470      | 12.8 | 3,378      | 12.2 | 4,594          | 15.9 | 4,622          | 7.9 | 4,533             | 5.4 | 16.3 |
|           | 2nd      | 1,789      | 9.8  | 4,353      | 9.8  | 5,988          | 15.8 | 6,005          | 8.4 | 5,927             | 5.5 | 14.5 |
|           | Total    | 3,259      | 11.2 | 7,731      | 10.9 | 10,582         | 15.8 | 10,627         | 8.2 | 10,460            | 5.4 | 15.3 |
| 2-5       | 1977 1st | 3,109      | 17.0 | 7,021      | 24.9 | 9,585          | 11.0 | 9,617          | 6.3 | 9,514             | 3.5 | 11.7 |
|           | 2nd      | 3,626      | 16.2 | 9,581      | 22.1 | 13,197         | 10.9 | 13,209         | 7.3 | 13,136            | 4.1 | 9.6  |
|           | Total    | 6,735      | 16.5 | 16,602     | 23.3 | 22,782         | 11.0 | 22,826         | 6.9 | 22,650            | 3.8 | 10.5 |
| 6-9       | 1977 1st | 757        | 21.8 | 1,628      | 35.4 | 2,290          | 7.2  | 2,298          | 4.7 | 2,218             | 3.6 | 6.8  |
|           | 2nd      | 906        | 20.4 | 2,316      | 30.3 | 3,242          | 7.5  | 3,248          | 6.4 | 3,183             | 6.1 | 6.9  |
|           | Total    | 1,663      | 21.1 | 3,944      | 32.4 | 5,532          | 7.4  | 5,546          | 5.7 | 5,401             | 5.1 | 6.9  |
| 10-12     | 1977 1st | 468        | 15.6 | 978        | 26.9 | 1,399          | 9.6  | 1,398          | 6.7 | 557               | 3.9 | 5.4  |
|           | 2nd      | 484        | 14.5 | 1,017      | 20.1 | 1,500          | 8.9  | 1,501          | 6.7 | 547               | 4.0 | 11.9 |
|           | Total    | 952        | 15.0 | 1,995      | 23.4 | 2,899          | 9.2  | 2,899          | 6.7 | 1,104             | 4.0 | 8.6  |
| 13-17     | 1977 1st | 576        | 17.7 | 1,002      | 15.8 | 1,610          | 11.1 | 1,614          | 8.4 | -                 | -   | -    |
|           | 2nd      | 567        | 17.5 | 1,178      | 11.9 | 1,748          | 11.0 | 1,754          | 8.2 | -                 | -   | -    |
|           | Total    | 1,143      | 17.6 | 2,180      | 13.7 | 3,358          | 11.0 | 3,368          | 8.3 | -                 | -   | -    |
| TOTAL     | 1977 1st | 7,354      | 15.5 | 16,269     | 20.8 | 30,318         | 12.8 | 30,445         | 6.8 | 24,395            | 4.5 | 12.3 |
|           | 2nd      | 8,486      | 14.1 | 21,394     | 18.1 | 41,148         | 12.4 | 41,234         | 7.3 | 33,531            | 5.0 | 10.8 |
|           | TOTAL    | 15,840     | 14.7 | 37,663     | 19.3 | 71,466         | 12.7 | 71,679         | 7.1 | 57,926            | 4.8 | 11.5 |

Nutrition Indices by Age, January-December 1977  
Females Less than 18 Years of Age

| Age Group | Date     | Hemoglobin |      | Hematocrit |      | Height-For-Age |      | Weight-For-Age |     | Weight-For-Height |     |      |
|-----------|----------|------------|------|------------|------|----------------|------|----------------|-----|-------------------|-----|------|
|           |          | No.        | %    | No.        | %    | No.            | %    | No.            | %   | No.               | %   | %    |
|           |          | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low | Exam.             | Low | High |
| <1        | 1977 1st | 962        | 7.3  | 2,266      | 9.5  | 10,581         | 13.0 | 10,649         | 6.3 | 6,992             | 5.3 | 12.2 |
|           | 2nd      | 1,139      | 6.2  | 2,880      | 8.8  | 15,340         | 12.5 | 15,409         | 6.9 | 9,848             | 6.2 | 10.6 |
|           | Total    | 2,101      | 6.7  | 5,146      | 9.1  | 25,921         | 12.7 | 26,058         | 6.7 | 16,840            | 5.9 | 11.3 |
| 1         | 1977 1st | 1,353      | 12.1 | 3,165      | 11.4 | 4,279          | 13.7 | 4,311          | 6.8 | 4,216             | 4.3 | 16.6 |
|           | 2nd      | 1,642      | 9.0  | 4,097      | 8.8  | 5,617          | 13.2 | 5,638          | 7.0 | 5,543             | 4.9 | 15.7 |
|           | Total    | 2,995      | 10.4 | 7,262      | 10.0 | 9,896          | 13.4 | 9,949          | 6.9 | 9,759             | 4.6 | 16.1 |
| 2-5       | 1977 1st | 2,892      | 15.2 | 6,827      | 23.6 | 9,228          | 11.4 | 9,262          | 7.1 | 9,157             | 4.0 | 11.9 |
|           | 2nd      | 3,590      | 15.2 | 9,176      | 20.6 | 12,823         | 11.1 | 12,835         | 7.0 | 12,759            | 3.8 | 11.1 |
|           | Total    | 6,482      | 15.2 | 16,003     | 21.9 | 22,051         | 11.2 | 22,097         | 7.0 | 21,916            | 3.9 | 11.5 |
| 6-9       | 1977 1st | 749        | 21.4 | 1,625      | 32.6 | 2,247          | 6.9  | 2,250          | 5.4 | 1,940             | 4.4 | 6.9  |
|           | 2nd      | 822        | 23.5 | 2,088      | 29.8 | 2,931          | 7.7  | 2,931          | 8.0 | 2,614             | 7.3 | 8.0  |
|           | Total    | 1,571      | 22.5 | 3,713      | 31.0 | 5,178          | 7.3  | 5,181          | 6.9 | 4,554             | 6.1 | 7.5  |
| 10-12     | 1977 1st | 510        | 14.9 | 1,007      | 22.7 | 1,490          | 8.6  | 1,492          | 6.3 | 11                | 9.1 | 18.2 |
|           | 2nd      | 531        | 20.0 | 1,005      | 21.0 | 1,506          | 9.7  | 1,504          | 8.2 | 16                | 0.0 | 18.8 |
|           | Total    | 1,041      | 17.5 | 2,012      | 21.9 | 2,996          | 9.2  | 2,996          | 7.2 | 27                | 3.7 | 18.5 |
| 13-17     | 1977 1st | 1,013      | 17.9 | 1,661      | 22.5 | 2,633          | 7.6  | 2,659          | 4.7 | -                 | -   | -    |
|           | 2nd      | 1,207      | 16.9 | 1,955      | 24.1 | 3,030          | 9.2  | 3,061          | 5.6 | -                 | -   | -    |
|           | Total    | 2,220      | 17.3 | 3,616      | 23.4 | 5,663          | 8.5  | 5,720          | 5.2 | -                 | -   | -    |
| TOTAL     | 1977 1st | 7,479      | 14.6 | 16,551     | 20.1 | 30,458         | 11.5 | 30,623         | 6.4 | 22,316            | 4.5 | 12.4 |
|           | 2nd      | 8,931      | 14.2 | 21,201     | 18.0 | 41,247         | 11.5 | 41,378         | 7.0 | 30,780            | 5.1 | 11.5 |
|           |          | 16,410     | 14.4 | 37,752     | 18.9 | 71,705         | 11.5 | 72,001         | 6.7 | 53,096            | 4.9 | 11.9 |

# SPECIAL REPORT

## THREE-YEAR TABULAR SUMMARY OF NUTRITION INDICES, 1975-1977

Nutrition Indices by State, January 1975-December 1977  
Persons Less than 18 Years of Age

| State             | Date  |     | Hemoglobin* |      | Hematocrit* |      | Height for Age |      | Weight for Age |      | Weight for Height |     |      |
|-------------------|-------|-----|-------------|------|-------------|------|----------------|------|----------------|------|-------------------|-----|------|
|                   |       |     | No.         | %    | No.         | %    | No.            | %    | No.            | %    | No.               | %   | %    |
|                   |       |     | Exam.       | Low  | Exam.       | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low | High |
| <u>Arizona</u>    | 1975  | 1st | 3,592       | 15.9 | 6,776       | 19.1 | 11,636         | 19.2 | 11,621         | 8.6  | 9,825             | 4.8 | 19.2 |
|                   |       | 2nd | 3,419       | 12.8 | 3,291       | 16.3 | 7,514          | 17.0 | 7,459          | 9.3  | 5,727             | 6.3 | 14.0 |
|                   | 1976  | 1st | 3,559       | 9.7  | 4,884       | 14.9 | 8,717          | 15.5 | 8,639          | 8.4  | 6,785             | 5.4 | 15.4 |
|                   |       | 2nd | 2,694       | 8.6  | 3,461       | 12.5 | 6,983          | 16.0 | 6,838          | 10.1 | 4,970             | 7.2 | 12.0 |
|                   | 1977  | 1st | 2,808       | 7.3  | 4,216       | 17.2 | 7,657          | 16.1 | 7,574          | 9.5  | 5,238             | 5.7 | 14.0 |
|                   |       | 2nd | 3,295       | 5.7  | 4,689       | 13.7 | 8,989          | 12.5 | 8,905          | 9.2  | 5,919             | 5.5 | 11.3 |
|                   | Total |     | 19,367      | 10.2 | 27,317      | 16.0 | 51,496         | 16.2 | 51,036         | 9.1  | 38,464            | 5.7 | 14.9 |
| <u>California</u> | 1975  | 1st | 4           | 0.0  | -           | -    | 5              | 0.0  | 5              | 0.0  | 5                 | 0.0 | 20.0 |
|                   |       | 2nd | 42          | 7.1  | 230         | 20.0 | 303            | 5.9  | 303            | 2.0  | 302               | 3.0 | 10.9 |
|                   | 1976  | 1st | 800         | 8.1  | 587         | 27.6 | 1,548          | 9.0  | 1,531          | 4.9  | 1,485             | 1.5 | 8.8  |
|                   |       | 2nd | 182         | 13.7 | 455         | 28.8 | 1,074          | 7.9  | 1,073          | 4.4  | 901               | 2.1 | 8.5  |
|                   | 1977  | 1st | 102         | 3.9  | 210         | 25.7 | 371            | 10.0 | 372            | 5.9  | 286               | 2.1 | 14.7 |
|                   |       | 2nd | 68          | 32.4 | 181         | 28.7 | 453            | 9.7  | 453            | 5.3  | 416               | 1.4 | 10.6 |
|                   | Total |     | 1,198       | 9.9  | 1,663       | 26.8 | 3,754          | 8.6  | 3,737          | 4.7  | 3,395             | 1.9 | 9.7  |
| <u>Illinois</u>   | 1975  | 1st | 205         | 38.5 | 183         | 8.7  | 462            | 18.2 | 464            | 7.3  | 458               | 4.4 | 21.6 |
|                   |       | 2nd | 5           | 0.0  | 31          | 9.7  | 44             | 20.5 | 44             | 11.4 | 44                | 2.3 | 18.2 |
|                   | 1976  | 1st | 408         | 16.7 | 172         | 29.7 | 595            | 15.0 | 594            | 3.7  | 584               | 4.1 | 16.1 |
|                   |       | 2nd | 343         | 21.6 | 1,019       | 20.1 | 1,311          | 13.5 | 1,307          | 5.4  | 1,295             | 3.2 | 12.5 |
|                   | 1977  | 1st | 1,340       | 14.3 | 1,873       | 22.2 | 2,884          | 13.6 | 2,893          | 7.3  | 2,848             | 4.5 | 14.6 |
|                   |       | 2nd | 1,587       | 14.7 | 2,387       | 18.3 | 3,495          | 13.4 | 3,496          | 6.4  | 3,468             | 4.6 | 14.6 |
|                   | Total |     | 3,888       | 16.6 | 5,665       | 19.9 | 8,791          | 13.9 | 8,798          | 6.4  | 8,697             | 4.3 | 14.8 |
| <u>Kentucky</u>   | 1975  | 1st | 1,661       | 17.3 | 1,999       | 18.0 | 5,331          | 14.4 | 5,338          | 7.5  | 3,821             | 6.4 | 14.7 |
|                   |       | 2nd | 2,751       | 14.7 | 3,692       | 18.3 | 8,478          | 10.7 | 8,512          | 6.7  | 5,726             | 6.0 | 9.2  |
|                   | 1976  | 1st | 1,483       | 13.1 | 2,045       | 14.1 | 5,318          | 12.5 | 5,340          | 6.4  | 3,529             | 4.7 | 12.2 |
|                   |       | 2nd | 2,301       | 15.3 | 3,595       | 17.4 | 8,694          | 11.7 | 8,709          | 6.8  | 6,222             | 5.8 | 11.7 |
|                   | 1977  | 1st | 3,317       | 19.3 | 3,460       | 22.7 | 10,177         | 12.0 | 10,193         | 6.3  | 7,894             | 5.7 | 12.5 |
|                   |       | 2nd | 3,121       | 18.5 | 6,450       | 22.7 | 14,740         | 11.8 | 14,743         | 7.7  | 11,471            | 6.7 | 10.0 |
|                   | Total |     | 14,634      | 16.8 | 21,241      | 19.8 | 52,738         | 12.0 | 52,835         | 7.0  | 38,663            | 6.0 | 11.3 |
| <u>Louisiana</u>  | 1975  | 1st | 9,411       | 20.2 | 2,659       | 16.8 | 12,409         | 10.9 | 12,558         | 7.4  | 6,224             | 4.9 | 9.4  |
|                   |       | 2nd | 6,677       | 18.9 | 2,439       | 19.2 | 9,860          | 11.3 | 10,007         | 7.5  | 5,799             | 5.8 | 10.5 |
|                   | 1976  | 1st | 6,090       | 16.0 | 11,351      | 31.8 | 19,454         | 11.8 | 19,601         | 7.7  | 10,345            | 4.4 | 8.6  |
|                   |       | 2nd | 6,020       | 18.9 | 3,192       | 15.9 | 10,721         | 10.1 | 10,909         | 6.8  | 6,744             | 5.7 | 9.6  |
|                   | 1977  | 1st | 4,822       | 19.1 | 2,852       | 23.7 | 9,285          | 10.9 | 9,401          | 6.7  | 5,978             | 4.9 | 10.5 |
|                   |       | 2nd | 5,246       | 18.0 | 3,970       | 16.9 | 13,309         | 14.0 | 13,383         | 8.2  | 10,240            | 5.4 | 11.3 |
|                   | Total |     | 38,266      | 18.7 | 26,463      | 24.1 | 75,038         | 11.6 | 75,859         | 7.5  | 45,330            | 5.1 | 10.0 |

Nutrition Indices by State, January 1975-December 1977  
Persons Less than 18 Years of Age (Continued)

| State      | Date  |     | Hemoglobin* |      | Hematocrit* |      | Height for Age |      | Weight for Age |      | Weight for Height |     |      |
|------------|-------|-----|-------------|------|-------------|------|----------------|------|----------------|------|-------------------|-----|------|
|            |       |     | No.         | %    | No.         | %    | No.            | %    | No.            | %    | No.               | %   | %    |
|            |       |     | Exam.       | Low  | Exam.       | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low | High |
| Montana    | 1975  | 1st | -           | -    | 35          | 8.6  | 56             | 17.9 | 57             | 10.5 | 51                | 3.9 | 9.8  |
|            |       | 2nd | -           | -    | 1,202       | 16.8 | 1,318          | 10.8 | 1,316          | 5.2  | 905               | 2.2 | 9.6  |
|            | 1976  | 1st | 1           | 0.0  | 2,083       | 11.6 | 2,400          | 8.9  | 2,399          | 6.1  | 1,723             | 2.4 | 7.7  |
|            |       | 2nd | 37          | 0.0  | 2,107       | 14.0 | 2,724          | 12.6 | 2,730          | 7.0  | 2,328             | 3.6 | 7.4  |
|            | 1977  | 1st | 12          | 16.7 | 1,564       | 18.4 | 2,197          | 12.2 | 2,203          | 7.4  | 1,767             | 3.6 | 8.3  |
|            |       | 2nd | 16          | 56.3 | 991         | 21.6 | 1,684          | 10.5 | 1,690          | 5.7  | 1,420             | 2.5 | 8.1  |
|            | Total |     | 66          | 16.7 | 7,982       | 15.6 | 10,379         | 11.1 | 10,395         | 6.5  | 8,194             | 3.0 | 8.0  |
| Oregon     | 1975  | 1st | 1           | 0.0  | 71          | 19.7 | 96             | 10.4 | 98             | 8.2  | 92                | 6.5 | 22.8 |
|            |       | 2nd | 35          | 20.0 | 85          | 36.5 | 799            | 6.3  | 799            | 3.1  | 449               | 2.7 | 10.5 |
|            | 1976  | 1st | 66          | 19.7 | 853         | 17.4 | 1,642          | 9.1  | 1,643          | 5.0  | 1,013             | 2.4 | 10.3 |
|            |       | 2nd | 465         | 14.0 | 1,400       | 10.2 | 2,543          | 9.9  | 2,543          | 5.3  | 2,075             | 2.7 | 10.1 |
|            | 1977  | 1st | 516         | 17.6 | 778         | 11.6 | 2,172          | 12.1 | 2,174          | 6.8  | 1,841             | 3.7 | 10.0 |
|            |       | 2nd | 543         | 9.4  | 2,160       | 17.1 | 4,609          | 9.7  | 4,620          | 6.4  | 3,810             | 4.0 | 10.4 |
|            | Total |     | 1,626       | 14.0 | 5,347       | 14.9 | 11,861         | 9.9  | 11,877         | 5.8  | 9,280             | 3.4 | 10.4 |
| Tennessee  | 1975  | 1st | 848         | 5.4  | 10,345      | 20.3 | 12,201         | 10.4 | 12,466         | 6.0  | 8,691             | 4.9 | 11.0 |
|            |       | 2nd | 781         | 6.8  | 10,387      | 20.4 | 12,848         | 11.2 | 12,981         | 6.6  | 9,116             | 5.1 | 10.7 |
|            | 1976  | 1st | 186         | 8.1  | 5,611       | 18.4 | 7,280          | 12.1 | 7,371          | 6.4  | 5,071             | 3.9 | 12.6 |
|            |       | 2nd | 279         | 3.6  | 10,321      | 19.2 | 13,533         | 11.0 | 13,677         | 5.6  | 9,971             | 4.2 | 12.3 |
|            | 1977  | 1st | 286         | 5.2  | 12,884      | 23.3 | 16,581         | 11.5 | 16,687         | 5.4  | 13,211            | 3.6 | 13.1 |
|            |       | 2nd | 218         | 3.7  | 12,998      | 20.1 | 18,157         | 11.1 | 18,291         | 5.7  | 13,940            | 4.3 | 12.0 |
|            | Total |     | 2,598       | 5.7  | 62,546      | 20.5 | 80,600         | 11.2 | 81,473         | 5.9  | 60,000            | 4.3 | 12.0 |
| Washington | 1975  | 1st | 762         | 9.3  | 5,197       | 11.0 | 7,241          | 13.7 | 7,250          | 7.1  | 6,336             | 3.2 | 12.9 |
|            |       | 2nd | 563         | 9.8  | 5,344       | 11.2 | 8,121          | 11.6 | 8,110          | 6.2  | 6,964             | 3.1 | 11.6 |
|            | 1976  | 1st | 366         | 10.7 | 3,421       | 13.5 | 5,181          | 13.8 | 5,174          | 7.1  | 4,351             | 3.7 | 13.7 |
|            |       | 2nd | 438         | 8.9  | 4,858       | 11.3 | 7,556          | 12.5 | 7,558          | 5.9  | 6,495             | 3.2 | 12.5 |
|            | 1977  | 1st | 296         | 15.2 | 2,946       | 12.2 | 4,421          | 12.5 | 4,427          | 6.3  | 3,772             | 3.4 | 14.4 |
|            |       | 2nd | 629         | 14.0 | 5,637       | 12.2 | 8,941          | 12.7 | 8,944          | 6.6  | 7,430             | 3.5 | 12.5 |
|            | Total |     | 3,054       | 11.0 | 27,403      | 11.8 | 41,461         | 12.8 | 41,463         | 6.5  | 35,348            | 3.3 | 12.7 |
| TOTAL      | 1975  | 1st | 16,484      | 17.9 | 27,265      | 17.6 | 49,437         | 13.6 | 49,857         | 7.3  | 35,503            | 4.7 | 13.9 |
|            |       | 2nd | 14,273      | 15.6 | 26,701      | 17.5 | 49,285         | 12.0 | 49,531         | 7.0  | 35,032            | 5.0 | 11.1 |
|            | 1976  | 1st | 12,959      | 13.2 | 31,007      | 21.7 | 52,135         | 12.5 | 52,292         | 7.1  | 34,886            | 4.2 | 11.6 |
|            |       | 2nd | 12,759      | 15.2 | 30,408      | 16.0 | 55,139         | 11.8 | 55,344         | 6.7  | 41,001            | 4.7 | 11.3 |
|            | 1977  | 1st | 13,499      | 15.7 | 30,783      | 20.8 | 55,745         | 12.4 | 55,924         | 6.6  | 42,835            | 4.5 | 12.6 |
|            |       | 2nd | 14,723      | 14.4 | 39,463      | 18.1 | 74,377         | 12.1 | 74,525         | 7.2  | 58,114            | 4.9 | 11.4 |
|            | Total |     | 84,697      | 15.4 | 185,627     | 18.6 | 336,118        | 12.4 | 337,473        | 7.0  | 247,371           | 4.7 | 12.0 |

\*Includes unknown sex for children less than 15 years of age.



Nutrition Indices by Ethnic Group, January 1975-December 1977  
Males Less than 18 Years of Age

| Ethnic Group                            | Date  | Hemoglobin |        | Hematocrit |        | Height for Age |         | Weight for Age |         | Weight for Height |         |      |      |
|-----------------------------------------|-------|------------|--------|------------|--------|----------------|---------|----------------|---------|-------------------|---------|------|------|
|                                         |       | No.        | %      | No.        | %      | No.            | %       | No.            | %       | No.               | %       | %    |      |
|                                         |       | Exam.      | Low    | Exam.      | Low    | Exam.          | Low     | Exam.          | Low     | Exam.             | Low     | High |      |
| <u>Black</u>                            |       |            |        |            |        |                |         |                |         |                   |         |      |      |
|                                         | 1975  | 1st        | 4,232  | 21.0       | 2,267  | 17.6           | 6,938   | 12.4           | 7,007   | 8.0               | 4,161   | 5.0  | 9.9  |
|                                         |       | 2nd        | 3,437  | 18.1       | 2,293  | 20.4           | 6,433   | 12.2           | 6,494   | 7.4               | 4,175   | 6.1  | 10.1 |
|                                         | 1976  | 1st        | 2,790  | 17.8       | 5,633  | 32.2           | 9,741   | 12.9           | 9,814   | 7.8               | 6,077   | 4.3  | 8.5  |
|                                         |       | 2nd        | 2,744  | 19.6       | 2,891  | 18.8           | 7,021   | 11.7           | 7,132   | 6.8               | 4,898   | 4.7  | 10.5 |
|                                         | 1977  | 1st        | 2,721  | 18.5       | 3,905  | 25.7           | 8,006   | 13.1           | 8,077   | 6.6               | 5,979   | 4.5  | 11.6 |
|                                         |       | 2nd        | 2,904  | 18.1       | 5,198  | 19.9           | 10,915  | 13.6           | 10,957  | 7.6               | 8,776   | 5.1  | 11.2 |
|                                         | Total |            | 18,828 | 19.0       | 22,187 | 23.7           | 49,054  | 12.8           | 49,481  | 7.4               | 34,066  | 4.9  | 10.4 |
| <u>White</u>                            |       |            |        |            |        |                |         |                |         |                   |         |      |      |
|                                         | 1975  | 1st        | 2,518  | 13.6       | 7,490  | 18.0           | 11,356  | 12.7           | 11,481  | 7.2               | 8,977   | 5.0  | 11.4 |
|                                         |       | 2nd        | 2,506  | 12.2       | 8,576  | 17.6           | 13,516  | 11.6           | 13,600  | 6.8               | 10,528  | 4.8  | 10.3 |
|                                         | 1976  | 1st        | 2,461  | 10.1       | 6,761  | 16.2           | 11,066  | 12.5           | 11,110  | 6.9               | 8,474   | 3.9  | 10.8 |
|                                         |       | 2nd        | 2,572  | 12.3       | 9,961  | 16.0           | 16,165  | 12.2           | 16,214  | 6.7               | 12,789  | 4.5  | 11.1 |
|                                         | 1977  | 1st        | 3,178  | 15.4       | 9,124  | 19.6           | 15,878  | 12.2           | 15,921  | 6.5               | 13,268  | 4.2  | 12.4 |
|                                         |       | 2nd        | 3,295  | 12.8       | 11,743 | 18.2           | 21,010  | 11.5           | 21,062  | 7.1               | 17,328  | 4.9  | 10.3 |
|                                         | Total |            | 16,530 | 12.8       | 53,655 | 17.7           | 88,991  | 12.1           | 89,388  | 6.9               | 71,364  | 4.6  | 11.0 |
| <u>Sp. American</u>                     |       |            |        |            |        |                |         |                |         |                   |         |      |      |
|                                         | 1975  | 1st        | 935    | 19.0       | 935    | 19.1           | 1,833   | 19.0           | 1,839   | 8.2               | 1,517   | 4.2  | 16.0 |
|                                         |       | 2nd        | 793    | 13.4       | 858    | 15.4           | 1,901   | 15.7           | 1,904   | 7.5               | 1,536   | 5.4  | 15.8 |
|                                         | 1976  | 1st        | 1,062  | 10.5       | 1,029  | 16.8           | 2,158   | 12.3           | 2,157   | 6.6               | 1,832   | 3.2  | 13.7 |
|                                         |       | 2nd        | 827    | 10.8       | 1,061  | 14.5           | 2,067   | 15.0           | 2,035   | 8.0               | 1,651   | 3.8  | 11.0 |
|                                         | 1977  | 1st        | 736    | 9.8        | 1,010  | 19.3           | 1,812   | 13.7           | 1,799   | 6.9               | 1,438   | 4.0  | 13.4 |
|                                         |       | 2nd        | 909    | 7.4        | 1,507  | 15.7           | 2,682   | 16.0           | 2,668   | 7.5               | 2,076   | 3.9  | 15.3 |
|                                         | Total |            | 5,262  | 11.8       | 6,400  | 16.7           | 12,453  | 15.3           | 12,402  | 7.4               | 10,050  | 4.1  | 14.2 |
| <u>Am. Indian</u>                       |       |            |        |            |        |                |         |                |         |                   |         |      |      |
|                                         | 1975  | 1st        | 211    | 11.4       | 2,339  | 19.5           | 3,632   | 20.4           | 3,602   | 8.9               | 3,270   | 4.3  | 20.8 |
|                                         |       | 2nd        | 242    | 12.8       | 918    | 22.2           | 1,694   | 17.5           | 1,667   | 9.4               | 1,323   | 5.5  | 15.1 |
|                                         | 1976  | 1st        | 114    | 9.6        | 1,309  | 17.8           | 2,035   | 16.2           | 1,981   | 8.1               | 1,625   | 7.0  | 18.3 |
|                                         |       | 2nd        | 100    | 4.0        | 798    | 14.7           | 1,588   | 17.9           | 1,575   | 9.3               | 1,231   | 7.6  | 14.8 |
|                                         | 1977  | 1st        | 96     | 8.3        | 901    | 20.6           | 1,780   | 18.3           | 1,759   | 9.2               | 1,326   | 6.3  | 18.2 |
|                                         |       | 2nd        | 88     | 10.2       | 833    | 14.3           | 1,760   | 13.1           | 1,736   | 8.1               | 1,314   | 4.4  | 15.1 |
|                                         | Total |            | 851    | 10.2       | 7,098  | 18.5           | 12,489  | 17.7           | 12,320  | 8.8               | 10,089  | 5.6  | 17.8 |
| <u>Orient., Other<br/>&amp; Unknown</u> |       |            |        |            |        |                |         |                |         |                   |         |      |      |
|                                         | 1975  | 1st        | 267    | 20.2       | 560    | 15.9           | 863     | 13.6           | 868     | 6.6               | 658     | 4.0  | 10.9 |
|                                         |       | 2nd        | 116    | 17.2       | 595    | 14.3           | 1,144   | 11.1           | 1,142   | 6.4               | 794     | 4.4  | 9.6  |
|                                         | 1976  | 1st        | 91     | 13.1       | 358    | 10.9           | 805     | 12.5           | 807     | 8.8               | 549     | 2.6  | 9.5  |
|                                         |       | 2nd        | 90     | 7.8        | 594    | 11.3           | 1,069   | 13.8           | 1,067   | 6.6               | 996     | 3.2  | 9.4  |
|                                         | 1977  | 1st        | 66     | 12.1       | 267    | 12.8           | 410     | 14.6           | 410     | 11.2              | 355     | 5.6  | 10.4 |
|                                         |       | 2nd        | 75     | 10.7       | 474    | 10.8           | 888     | 14.0           | 891     | 7.7               | 823     | 3.4  | 9.6  |
|                                         | Total |            | 705    | 15.5       | 2,848  | 13.3           | 5,179   | 13.1           | 5,185   | 7.4               | 4,175   | 3.7  | 9.8  |
| <u>TOTAL</u>                            |       |            |        |            |        |                |         |                |         |                   |         |      |      |
|                                         | 1975  | 1st        | 8,163  | 18.2       | 13,591 | 18.2           | 24,622  | 14.2           | 24,797  | 7.7               | 18,583  | 4.8  | 13.1 |
|                                         |       | 2nd        | 7,094  | 15.3       | 13,240 | 18.1           | 24,688  | 12.5           | 24,807  | 7.2               | 18,356  | 5.2  | 11.0 |
|                                         | 1976  | 1st        | 6,518  | 13.5       | 15,090 | 22.2           | 25,805  | 12.9           | 25,869  | 7.4               | 18,557  | 4.2  | 10.9 |
|                                         |       | 2nd        | 6,333  | 15.1       | 15,305 | 16.2           | 27,910  | 12.7           | 28,023  | 7.0               | 21,565  | 4.6  | 11.1 |
|                                         | 1977  | 1st        | 6,797  | 15.9       | 15,207 | 21.2           | 27,886  | 13.0           | 27,966  | 6.8               | 22,366  | 4.4  | 12.5 |
|                                         |       | 2nd        | 7,271  | 14.2       | 19,755 | 18.1           | 37,255  | 12.6           | 37,314  | 7.3               | 30,317  | 4.8  | 11.1 |
|                                         | Total |            | 42,176 | 15.5       | 92,188 | 19.0           | 168,166 | 12.9           | 168,776 | 7.2               | 129,744 | 4.7  | 11.6 |

Nutrition Indices by Ethnic Group, January 1975-December 1977  
Females Less than 18 Years of Age

| Ethnic Group                            | Date |  | Hemoglobin |      | Hematocrit |      | Height for Age |      | Weight for Age |     | Weight for Height |     |      |
|-----------------------------------------|------|--|------------|------|------------|------|----------------|------|----------------|-----|-------------------|-----|------|
|                                         |      |  | No.        | %    | No.        | %    | No.            | %    | No.            | %   | No.               | %   | %    |
|                                         |      |  | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low | Exam.             | Low | High |
| <u>Black</u>                            |      |  |            |      |            |      |                |      |                |     |                   |     |      |
| 1975                                    | 1st  |  | 4,271      | 21.0 | 2,226      | 18.6 | 6,978          | 11.0 | 7,066          | 6.3 | 3,460             | 4.8 | 10.9 |
|                                         | 2nd  |  | 3,359      | 19.2 | 2,438      | 20.7 | 6,424          | 10.6 | 6,497          | 6.6 | 3,707             | 5.3 | 11.5 |
| 1976                                    | 1st  |  | 2,777      | 16.7 | 6,163      | 29.9 | 10,297         | 11.1 | 10,369         | 7.2 | 4,832             | 4.6 | 10.3 |
|                                         | 2nd  |  | 2,825      | 20.2 | 2,927      | 18.0 | 7,043          | 9.7  | 7,128          | 6.2 | 4,442             | 5.7 | 11.1 |
| 1977                                    | 1st  |  | 2,682      | 18.5 | 4,014      | 23.4 | 8,107          | 11.1 | 8,177          | 6.2 | 5,449             | 4.8 | 12.4 |
|                                         | 2nd  |  | 2,918      | 18.2 | 5,135      | 19.8 | 11,101         | 12.9 | 11,147         | 7.6 | 8,236             | 5.4 | 12.1 |
| Total                                   |      |  | 18,832     | 19.1 | 22,903     | 22.9 | 49,950         | 11.2 | 50,384         | 6.8 | 30,126            | 5.1 | 11.5 |
| <u>White</u>                            |      |  |            |      |            |      |                |      |                |     |                   |     |      |
| 1975                                    | 1st  |  | 2,549      | 13.4 | 7,431      | 16.4 | 11,434         | 11.4 | 11,585         | 7.1 | 8,176             | 5.1 | 12.1 |
|                                         | 2nd  |  | 2,592      | 12.6 | 8,605      | 16.2 | 13,557         | 11.4 | 13,651         | 7.1 | 9,544             | 5.0 | 10.2 |
| 1976                                    | 1st  |  | 2,293      | 10.1 | 6,829      | 15.2 | 10,891         | 11.7 | 10,957         | 6.7 | 7,502             | 4.4 | 11.5 |
|                                         | 2nd  |  | 2,563      | 12.1 | 9,721      | 15.5 | 15,632         | 10.8 | 15,681         | 6.3 | 11,458            | 4.5 | 10.9 |
| 1977                                    | 1st  |  | 3,072      | 14.5 | 9,221      | 19.1 | 15,772         | 11.3 | 15,829         | 6.2 | 12,245            | 4.4 | 12.0 |
|                                         | 2nd  |  | 3,338      | 13.8 | 11,628     | 17.9 | 20,572         | 10.7 | 20,637         | 6.6 | 15,679            | 5.1 | 10.8 |
| Total                                   |      |  | 16,407     | 12.9 | 53,435     | 16.8 | 87,858         | 11.2 | 88,340         | 6.6 | 64,604            | 4.8 | 11.2 |
| <u>Sp. American</u>                     |      |  |            |      |            |      |                |      |                |     |                   |     |      |
| 1975                                    | 1st  |  | 1,007      | 15.5 | 981        | 18.3 | 1,916          | 16.6 | 1,934          | 6.9 | 1,445             | 4.5 | 16.4 |
|                                         | 2nd  |  | 809        | 13.6 | 827        | 15.0 | 1,820          | 12.7 | 1,823          | 7.1 | 1,425             | 4.5 | 13.5 |
| 1976                                    | 1st  |  | 1,113      | 9.7  | 1,053      | 15.7 | 2,185          | 13.5 | 2,176          | 6.3 | 1,786             | 2.5 | 15.2 |
|                                         | 2nd  |  | 804        | 9.3  | 1,047      | 16.1 | 1,998          | 12.5 | 1,964          | 7.4 | 1,461             | 5.1 | 13.6 |
| 1977                                    | 1st  |  | 795        | 9.9  | 1,120      | 17.6 | 1,897          | 14.2 | 1,884          | 7.7 | 1,320             | 2.9 | 15.2 |
|                                         | 2nd  |  | 981        | 7.7  | 1,625      | 16.3 | 2,798          | 13.9 | 2,775          | 7.1 | 1,926             | 3.8 | 15.3 |
| Total                                   |      |  | 5,509      | 11.0 | 6,653      | 16.5 | 12,614         | 13.9 | 12,556         | 7.1 | 9,363             | 3.8 | 14.9 |
| <u>Am. Indian</u>                       |      |  |            |      |            |      |                |      |                |     |                   |     |      |
| 1975                                    | 1st  |  | 200        | 7.0  | 2,329      | 17.7 | 3,632          | 19.8 | 3,614          | 7.6 | 3,252             | 3.5 | 25.5 |
|                                         | 2nd  |  | 290        | 11.7 | 921        | 18.9 | 1,713          | 14.5 | 1,669          | 6.7 | 1,287             | 4.4 | 16.7 |
| 1976                                    | 1st  |  | 146        | 10.3 | 1,416      | 18.2 | 2,188          | 15.6 | 2,156          | 7.4 | 1,693             | 4.5 | 20.1 |
|                                         | 2nd  |  | 134        | 7.5  | 805        | 14.4 | 1,548          | 15.3 | 1,541          | 7.9 | 1,156             | 6.0 | 18.3 |
| 1977                                    | 1st  |  | 90         | 2.2  | 985        | 22.9 | 1,753          | 15.6 | 1,734          | 8.1 | 1,185             | 5.4 | 20.6 |
|                                         | 2nd  |  | 114        | 10.5 | 881        | 17.5 | 1,772          | 10.7 | 1,771          | 7.3 | 1,160             | 5.0 | 15.8 |
| Total                                   |      |  | 974        | 8.9  | 7,337      | 18.2 | 12,606         | 15.9 | 12,485         | 7.5 | 9,733             | 4.5 | 20.8 |
| <u>Orient., Other<br/>&amp; Unknown</u> |      |  |            |      |            |      |                |      |                |     |                   |     |      |
| 1975                                    | 1st  |  | 262        | 20.2 | 556        | 13.7 | 855            | 12.7 | 861            | 6.3 | 587               | 3.6 | 13.5 |
|                                         | 2nd  |  | 112        | 20.5 | 559        | 11.8 | 1,083          | 11.0 | 1,084          | 6.2 | 713               | 2.8 | 9.3  |
| 1976                                    | 1st  |  | 102        | 11.8 | 374        | 13.6 | 769            | 13.1 | 765            | 6.9 | 516               | 2.5 | 11.0 |
|                                         | 2nd  |  | 89         | 12.4 | 548        | 10.8 | 1,008          | 10.2 | 1,007          | 5.1 | 919               | 2.6 | 9.6  |
| 1977                                    | 1st  |  | 59         | 18.6 | 201        | 19.9 | 330            | 11.2 | 334            | 9.3 | 270               | 4.8 | 9.3  |
|                                         | 2nd  |  | 101        | 8.9  | 435        | 10.6 | 879            | 12.7 | 881            | 6.8 | 796               | 3.0 | 13.4 |
| Total                                   |      |  | 725        | 16.4 | 2,673      | 12.6 | 4,924          | 11.8 | 4,932          | 6.4 | 3,801             | 3.0 | 11.1 |
| <u>TOTAL</u>                            |      |  |            |      |            |      |                |      |                |     |                   |     |      |
| 1975                                    | 1st  |  | 8,289      | 17.7 | 13,523     | 17.0 | 24,815         | 13.0 | 25,060         | 6.9 | 16,920            | 4.7 | 14.8 |
|                                         | 2nd  |  | 7,162      | 15.9 | 13,350     | 16.9 | 24,597         | 11.5 | 24,724         | 6.9 | 16,676            | 4.9 | 11.2 |
| 1976                                    | 1st  |  | 6,431      | 12.9 | 15,835     | 21.2 | 26,330         | 12.0 | 26,423         | 6.9 | 16,329            | 4.2 | 12.4 |
|                                         | 2nd  |  | 6,415      | 15.3 | 15,048     | 15.8 | 27,229         | 10.9 | 27,321         | 6.4 | 19,436            | 4.8 | 11.5 |
| 1977                                    | 1st  |  | 6,698      | 15.4 | 15,541     | 20.3 | 27,859         | 11.7 | 27,958         | 6.5 | 20,469            | 4.5 | 12.8 |
|                                         | 2nd  |  | 7,452      | 14.6 | 19,704     | 18.1 | 37,122         | 11.7 | 37,211         | 7.0 | 27,797            | 5.0 | 11.8 |
| Total                                   |      |  | 42,447     | 15.4 | 93,001     | 18.3 | 167,952        | 11.8 | 168,697        | 6.8 | 117,627           | 4.7 | 12.4 |

Nutrition Indices by Age, January 1975-December 1977  
Males Less than 18 Years of Age

| Age Group    | Date  |     | Hemoglobin |      | Hematocrit |      | Height for Age |      | Weight for Age |      | Weight for Height |     |      |
|--------------|-------|-----|------------|------|------------|------|----------------|------|----------------|------|-------------------|-----|------|
|              |       |     | No.        | %    | No.        | %    | No.            | %    | No.            | %    | No.               | %   | %    |
|              |       |     | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low  | Exam.             | Low | High |
| <u>&lt;1</u> | 1975  | 1st | 641        | 14.8 | 1,747      | 10.1 | 7,031          | 15.9 | 7,102          | 7.5  | 5,018             | 6.9 | 12.1 |
|              |       | 2nd | 684        | 10.7 | 1,432      | 9.8  | 7,620          | 14.3 | 7,676          | 7.0  | 5,089             | 7.1 | 12.2 |
|              | 1976  | 1st | 616        | 9.1  | 1,292      | 7.9  | 6,626          | 14.9 | 6,643          | 6.7  | 4,425             | 5.6 | 12.8 |
|              |       | 2nd | 733        | 10.0 | 1,936      | 8.0  | 9,493          | 14.4 | 9,563          | 6.8  | 6,358             | 6.3 | 12.2 |
|              | 1977  | 1st | 910        | 8.5  | 2,147      | 10.5 | 10,000         | 15.2 | 10,029         | 6.9  | 6,960             | 5.4 | 13.2 |
|              |       | 2nd | 966        | 6.4  | 2,781      | 8.9  | 14,168         | 14.0 | 14,190         | 7.1  | 9,807             | 5.4 | 11.7 |
|              | Total |     | 4,550      | 9.6  | 11,335     | 9.2  | 54,938         | 14.7 | 55,203         | 7.0  | 37,657            | 6.0 | 12.3 |
| <u>1</u>     | 1975  | 1st | 1,058      | 17.4 | 2,733      | 10.8 | 3,448          | 19.1 | 3,499          | 7.9  | 3,404             | 5.4 | 19.6 |
|              |       | 2nd | 1,012      | 12.6 | 1,981      | 9.3  | 2,634          | 19.1 | 2,676          | 7.8  | 2,601             | 5.4 | 17.3 |
|              | 1976  | 1st | 893        | 11.0 | 1,714      | 9.2  | 2,298          | 17.6 | 2,328          | 9.4  | 2,251             | 5.4 | 17.0 |
|              |       | 2nd | 973        | 11.5 | 2,548      | 8.9  | 3,247          | 17.4 | 3,264          | 8.9  | 3,203             | 5.7 | 16.5 |
|              | 1977  | 1st | 1,325      | 13.6 | 3,140      | 12.4 | 4,190          | 16.0 | 4,208          | 8.1  | 4,133             | 5.3 | 16.5 |
|              |       | 2nd | 1,462      | 10.3 | 4,035      | 9.6  | 5,431          | 15.9 | 5,445          | 8.3  | 5,375             | 5.1 | 14.8 |
|              | Total |     | 6,723      | 12.7 | 16,151     | 10.2 | 21,248         | 17.2 | 21,420         | 8.3  | 20,967            | 5.4 | 16.7 |
| <u>2-5</u>   | 1975  | 1st | 2,271      | 16.6 | 5,622      | 20.7 | 7,070          | 13.7 | 7,106          | 6.6  | 7,033             | 3.4 | 14.2 |
|              |       | 2nd | 2,254      | 14.2 | 5,348      | 18.4 | 7,059          | 11.6 | 7,081          | 6.2  | 7,003             | 3.8 | 10.4 |
|              | 1976  | 1st | 2,338      | 12.7 | 4,646      | 17.3 | 6,547          | 11.4 | 6,560          | 5.9  | 6,498             | 3.0 | 11.6 |
|              |       | 2nd | 2,338      | 13.8 | 6,486      | 17.4 | 8,494          | 11.1 | 8,502          | 6.0  | 8,435             | 2.9 | 9.9  |
|              | 1977  | 1st | 2,797      | 17.4 | 6,601      | 25.4 | 8,778          | 11.2 | 8,803          | 6.3  | 8,709             | 3.5 | 12.0 |
|              |       | 2nd | 3,070      | 16.1 | 8,857      | 22.4 | 11,891         | 11.2 | 11,901         | 7.3  | 11,835            | 3.9 | 9.8  |
|              | Total |     | 15,068     | 15.2 | 37,560     | 20.6 | 49,839         | 11.6 | 49,953         | 6.5  | 49,513            | 3.4 | 11.1 |
| <u>6-9</u>   | 1975  | 1st | 1,345      | 23.6 | 1,422      | 28.8 | 2,438          | 7.3  | 2,439          | 4.9  | 2,353             | 3.9 | 5.3  |
|              |       | 2nd | 1,084      | 22.4 | 2,123      | 31.3 | 3,064          | 6.9  | 3,057          | 5.5  | 2,985             | 4.6 | 5.8  |
|              | 1976  | 1st | 1,102      | 17.5 | 3,194      | 38.8 | 4,275          | 8.4  | 4,275          | 4.5  | 4,128             | 3.7 | 6.0  |
|              |       | 2nd | 908        | 25.0 | 2,068      | 29.2 | 3,039          | 7.8  | 3,051          | 5.5  | 2,986             | 4.7 | 7.0  |
|              | 1977  | 1st | 734        | 21.9 | 1,499      | 35.8 | 2,106          | 7.3  | 2,113          | 4.3  | 2,041             | 3.6 | 6.6  |
|              |       | 2nd | 784        | 21.0 | 2,148      | 30.3 | 2,880          | 7.8  | 2,886          | 6.8  | 2,828             | 6.5 | 7.0  |
|              | Total |     | 5,957      | 21.9 | 12,454     | 33.0 | 17,802         | 7.7  | 17,821         | 5.3  | 17,321            | 4.5 | 6.3  |
| <u>10-12</u> | 1975  | 1st | 1,199      | 19.3 | 926        | 20.6 | 1,948          | 8.9  | 1,958          | 6.8  | 775               | 3.7 | 3.7  |
|              |       | 2nd | 872        | 17.2 | 1,080      | 20.1 | 1,831          | 9.1  | 1,829          | 8.2  | 678               | 6.3 | 7.2  |
|              | 1976  | 1st | 766        | 13.8 | 2,388      | 28.7 | 3,105          | 12.0 | 3,110          | 8.9  | 1,255             | 4.2 | 6.0  |
|              |       | 2nd | 609        | 16.4 | 971        | 18.6 | 1,564          | 10.4 | 1,568          | 8.7  | 583               | 4.6 | 7.9  |
|              | 1977  | 1st | 461        | 15.6 | 899        | 27.7 | 1,301          | 9.4  | 1,298          | 6.9  | 523               | 3.6 | 5.4  |
|              |       | 2nd | 453        | 15.0 | 879        | 20.8 | 1,307          | 9.4  | 1,308          | 7.0  | 472               | 3.6 | 12.1 |
|              | Total |     | 4,360      | 16.7 | 7,143      | 23.9 | 11,056         | 10.1 | 11,071         | 7.9  | 4,286             | 4.4 | 6.6  |
| <u>13-17</u> | 1975  | 1st | 1,649      | 17.2 | 1,141      | 20.7 | 2,687          | 15.5 | 2,693          | 14.3 | -                 | -   | -    |
|              |       | 2nd | 1,188      | 14.5 | 1,276      | 15.8 | 2,480          | 11.9 | 2,488          | 10.9 | -                 | -   | -    |
|              | 1976  | 1st | 803        | 15.9 | 1,856      | 19.6 | 2,954          | 16.0 | 2,953          | 13.1 | -                 | -   | -    |
|              |       | 2nd | 772        | 15.5 | 1,296      | 13.7 | 2,073          | 12.7 | 2,075          | 9.5  | -                 | -   | -    |
|              | 1977  | 1st | 570        | 17.9 | 921        | 16.1 | 1,511          | 11.3 | 1,515          | 8.6  | -                 | -   | -    |
|              |       | 2nd | 536        | 17.4 | 1,055      | 12.0 | 1,578          | 10.8 | 1,584          | 8.4  | -                 | -   | -    |
|              | Total |     | 5,518      | 16.3 | 7,545      | 16.6 | 13,283         | 13.5 | 13,308         | 11.3 | -                 | -   | -    |
| TOTAL        | 1975  | 1st | 8,163      | 18.2 | 13,591     | 18.2 | 24,622         | 14.2 | 24,797         | 7.7  | 18,583            | 4.8 | 13.1 |
|              |       | 2nd | 7,094      | 15.3 | 13,240     | 18.1 | 24,688         | 12.5 | 24,807         | 7.2  | 18,356            | 5.2 | 11.0 |
|              | 1976  | 1st | 6,518      | 13.5 | 15,090     | 22.2 | 25,805         | 12.9 | 25,869         | 7.4  | 18,557            | 4.2 | 10.9 |
|              |       | 2nd | 6,333      | 15.1 | 15,305     | 16.2 | 27,910         | 12.7 | 28,023         | 7.0  | 21,565            | 4.6 | 11.1 |
|              | 1977  | 1st | 6,797      | 15.9 | 15,207     | 21.2 | 27,886         | 13.0 | 27,966         | 6.8  | 22,366            | 4.4 | 12.5 |
|              |       | 2nd | 7,271      | 14.2 | 19,755     | 18.1 | 37,255         | 12.6 | 37,314         | 7.3  | 30,317            | 4.8 | 11.1 |
|              | Total |     | 42,176     | 15.5 | 92,188     | 19.0 | 168,166        | 12.9 | 168,776        | 7.2  | 129,744           | 4.7 | 11.6 |

Nutrition Indices by Age, January 1975-December 1977  
Females Less than 18 Years of Age

| Age Group    | Date  |     | Hemoglobin |      | Hematocrit |      | Height for Age |      | Weight for Age |     | Weight for Height |      |      |
|--------------|-------|-----|------------|------|------------|------|----------------|------|----------------|-----|-------------------|------|------|
|              |       |     | No.        | %    | No.        | %    | No.            | %    | No.            | %   | No.               | %    | %    |
|              |       |     | Exam.      | Low  | Exam.      | Low  | Exam.          | Low  | Exam.          | Low | Exam.             | Low  | High |
| <u>&lt;1</u> | 1975  | 1st | 656        | 11.9 | 1,660      | 10.4 | 7,040          | 14.2 | 7,144          | 6.2 | 4,761             | 6.4  | 12.7 |
|              |       | 2nd | 724        | 8.8  | 1,351      | 8.8  | 7,427          | 12.8 | 7,473          | 6.3 | 4,606             | 6.1  | 12.2 |
|              | 1976  | 1st | 632        | 6.0  | 1,291      | 8.1  | 6,548          | 13.9 | 6,603          | 6.5 | 4,019             | 5.8  | 13.0 |
|              |       | 2nd | 756        | 7.7  | 1,825      | 9.3  | 9,008          | 12.5 | 9,065          | 6.2 | 5,610             | 5.9  | 12.7 |
|              | 1977  | 1st | 884        | 7.0  | 2,154      | 9.5  | 9,788          | 13.3 | 9,823          | 6.4 | 6,429             | 5.1  | 12.7 |
|              |       | 2nd | 994        | 5.9  | 2,697      | 8.9  | 13,926         | 12.7 | 13,968         | 6.9 | 8,914             | 6.2  | 11.0 |
|              | Total |     | 4,646      | 7.7  | 10,978     | 9.2  | 53,737         | 13.1 | 54,076         | 6.5 | 34,339            | 5.9  | 12.2 |
| <u>1</u>     | 1975  | 1st | 997        | 14.1 | 2,526      | 9.9  | 3,202          | 16.9 | 3,281          | 6.9 | 3,158             | 4.5  | 21.6 |
|              |       | 2nd | 943        | 12.0 | 1,896      | 8.8  | 2,511          | 16.3 | 2,542          | 7.8 | 2,468             | 4.8  | 16.4 |
|              | 1976  | 1st | 865        | 9.9  | 1,727      | 8.9  | 2,313          | 15.7 | 2,330          | 6.5 | 2,264             | 3.5  | 20.6 |
|              |       | 2nd | 965        | 8.5  | 2,379      | 9.7  | 3,048          | 14.5 | 3,071          | 7.5 | 2,992             | 4.7  | 16.2 |
|              | 1977  | 1st | 1,231      | 13.0 | 2,982      | 11.7 | 3,951          | 13.7 | 3,974          | 6.7 | 3,891             | 4.1  | 16.7 |
|              |       | 2nd | 1,347      | 9.6  | 3,795      | 8.7  | 5,106          | 13.2 | 5,125          | 6.9 | 5,037             | 4.8  | 15.9 |
|              | Total |     | 6,348      | 11.2 | 15,305     | 9.7  | 20,131         | 14.8 | 20,323         | 7.0 | 19,810            | 4.4  | 17.6 |
| <u>2-5</u>   | 1975  | 1st | 2,247      | 15.1 | 5,440      | 18.3 | 6,971          | 14.4 | 7,014          | 7.0 | 6,920             | 3.5  | 15.9 |
|              |       | 2nd | 2,271      | 15.1 | 5,247      | 16.9 | 6,951          | 12.5 | 6,984          | 7.2 | 6,909             | 3.6  | 10.7 |
|              | 1976  | 1st | 2,238      | 11.2 | 4,579      | 16.3 | 6,377          | 12.1 | 6,391          | 6.2 | 6,324             | 3.2  | 12.8 |
|              |       | 2nd | 2,303      | 12.8 | 6,249      | 16.1 | 8,270          | 10.6 | 8,263          | 6.3 | 8,192             | 3.6  | 10.7 |
|              | 1977  | 1st | 2,572      | 16.3 | 6,426      | 24.0 | 8,436          | 11.7 | 8,454          | 7.2 | 8,370             | 4.1  | 12.2 |
|              |       | 2nd | 3,034      | 15.0 | 8,487      | 20.7 | 11,532         | 11.2 | 11,542         | 7.1 | 11,470            | 3.7  | 11.3 |
|              | Total |     | 14,665     | 14.3 | 36,428     | 19.1 | 48,537         | 11.9 | 48,648         | 6.9 | 48,185            | 3.7  | 12.1 |
| <u>6-9</u>   | 1975  | 1st | 1,318      | 22.4 | 1,453      | 29.7 | 2,463          | 6.9  | 2,463          | 5.1 | 2,059             | 4.9  | 5.8  |
|              |       | 2nd | 1,094      | 22.1 | 2,089      | 29.5 | 3,043          | 6.1  | 3,043          | 5.8 | 2,665             | 6.0  | 6.0  |
|              | 1976  | 1st | 1,068      | 19.1 | 3,304      | 36.5 | 4,330          | 7.8  | 4,328          | 5.4 | 3,695             | 4.5  | 6.3  |
|              |       | 2nd | 864        | 24.3 | 2,065      | 27.7 | 2,960          | 6.0  | 2,965          | 5.3 | 2,621             | 6.3  | 6.1  |
|              | 1977  | 1st | 719        | 21.8 | 1,494      | 32.7 | 2,051          | 6.7  | 2,052          | 5.4 | 1,769             | 4.5  | 6.7  |
|              |       | 2nd | 728        | 24.6 | 1,962      | 29.9 | 2,645          | 8.1  | 2,644          | 8.1 | 2,362             | 7.5  | 8.0  |
|              | Total |     | 5,791      | 22.2 | 12,367     | 31.5 | 17,492         | 7.0  | 17,495         | 5.8 | 15,171            | 5.6  | 6.5  |
| <u>10-12</u> | 1975  | 1st | 1,257      | 18.9 | 1,047      | 19.1 | 2,113          | 9.2  | 2,119          | 8.5 | 22                | 9.1  | 9.1  |
|              |       | 2nd | 837        | 15.1 | 1,262      | 19.0 | 1,954          | 8.9  | 1,960          | 7.6 | 28                | 14.3 | 0.0  |
|              | 1976  | 1st | 746        | 14.1 | 2,599      | 25.8 | 3,287          | 10.8 | 3,293          | 9.3 | 27                | 11.1 | 0.0  |
|              |       | 2nd | 605        | 22.1 | 1,002      | 16.8 | 1,592          | 9.0  | 1,594          | 7.3 | 21                | 4.8  | 0.0  |
|              | 1977  | 1st | 499        | 15.2 | 932        | 23.2 | 1,393          | 8.7  | 1,395          | 6.4 | 10                | 10.0 | 10.0 |
|              |       | 2nd | 491        | 20.0 | 935        | 21.4 | 1,377          | 9.2  | 1,375          | 7.5 | 14                | 0.0  | 21.4 |
|              | Total |     | 4,435      | 17.5 | 7,777      | 21.8 | 11,716         | 9.5  | 11,736         | 8.0 | 122               | 9.0  | 4.9  |
| <u>13-17</u> | 1975  | 1st | 1,814      | 20.5 | 1,397      | 18.0 | 3,026          | 10.2 | 3,039          | 8.5 | -                 | -    | -    |
|              |       | 2nd | 1,293      | 19.4 | 1,505      | 15.4 | 2,711          | 9.2  | 2,722          | 7.5 | -                 | -    | -    |
|              | 1976  | 1st | 882        | 16.7 | 2,335      | 20.3 | 3,475          | 12.2 | 3,478          | 8.9 | -                 | -    | -    |
|              |       | 2nd | 922        | 21.7 | 1,528      | 15.1 | 2,351          | 8.5  | 2,363          | 6.6 | -                 | -    | -    |
|              | 1977  | 1st | 793        | 20.2 | 1,553      | 23.0 | 2,240          | 7.9  | 2,260          | 5.1 | -                 | -    | -    |
|              |       | 2nd | 858        | 19.3 | 1,828      | 24.8 | 2,536          | 9.5  | 2,557          | 5.7 | -                 | -    | -    |
|              | Total |     | 6,562      | 19.8 | 10,146     | 19.7 | 16,339         | 9.8  | 16,419         | 7.3 | -                 | -    | -    |
| TOTAL        | 1975  | 1st | 8,289      | 17.7 | 13,523     | 17.0 | 24,815         | 13.0 | 25,060         | 6.9 | 16,920            | 4.7  | 14.8 |
|              |       | 2nd | 7,162      | 15.9 | 13,350     | 16.9 | 24,597         | 11.5 | 24,724         | 6.9 | 16,676            | 4.9  | 11.2 |
|              | 1976  | 1st | 6,431      | 12.9 | 15,835     | 21.2 | 26,330         | 12.0 | 26,423         | 6.9 | 16,329            | 4.2  | 12.4 |
|              |       | 2nd | 6,415      | 15.3 | 15,048     | 15.8 | 27,229         | 10.9 | 27,321         | 6.4 | 19,436            | 4.8  | 11.5 |
|              | 1977  | 1st | 6,698      | 15.4 | 15,541     | 20.3 | 27,859         | 11.7 | 27,958         | 6.5 | 20,469            | 4.5  | 12.8 |
|              |       | 2nd | 7,452      | 14.6 | 19,704     | 18.1 | 37,122         | 11.7 | 37,211         | 7.0 | 27,797            | 5.0  | 11.8 |
|              | Total |     | 42,447     | 15.4 | 93,001     | 18.3 | 167,952        | 11.8 | 168,697        | 6.8 | 117,627           | 4.7  | 12.4 |