

**TUNISIA**

| Admin. level | Months    | Year    | Area | Sex  | Age group | Sample size | Percentage below / above median |      |            |      |               |      |      |      |      |           |      |      |      |      | Notes  | Ref   |     |
|--------------|-----------|---------|------|------|-----------|-------------|---------------------------------|------|------------|------|---------------|------|------|------|------|-----------|------|------|------|------|--|-------|-----|
|              |           |         |      |      |           |             | Weight/age                      |      | Height/age |      | Weight/height |      |      |      |      | BMI / age |      |      |      |      |  |       |     |
|              |           |         |      |      |           |             | -3SD                            | -2SD | -3SD       | -2SD | -3SD          | -2SD | +1SD | +2SD | +3SD | -3SD      | -2SD | +1SD | +2SD | +3SD |  |       |     |
| National     |           | 1973-75 |      |      | 0. -5.00  | 1519        | 6.5                             | 17.2 | 19.3       | 41.8 | 0.5           | 2.1  | 19.2 | 3.6  | 0.2  | 0.7       | 2.3  | 26.2 | 5.6  | 0.6  | Beja<br>Bizerte<br>Kairouan<br>Nabeul<br>Tunis Sud | 00240 |     |
|              |           |         |      |      | 0. -5.00  | 411         | 9.0                             | 23.1 | 25.2       | 46.7 | 0.5           | 2.2  | 18.3 | 2.9  | 0.2  | 1.2       | 3.2  | 23.7 | 5.1  | 0.2  |  |       |     |
|              |           |         |      |      | 0. -5.00  | 261         | 9.2                             | 23.0 | 21.6       | 47.5 | 0.4           | 3.5  | 10.0 | 2.3  | 0.0  | 0.4       | 3.1  | 18.5 | 4.2  | 0.0  |  |       |     |
|              |           |         |      |      | 0. -5.00  | 257         | 2.3                             | 8.9  | 11.7       | 32.0 | 0.0           | 0.4  | 28.0 | 6.7  | 0.0  | 0.0       | 1.2  | 36.1 | 7.1  | 0.8  |  |       |     |
|              |           |         |      |      | 0. -5.00  | 239         | 4.6                             | 12.6 | 13.4       | 34.5 | 0.9           | 3.0  | 16.6 | 2.1  | 0.4  | 0.9       | 2.6  | 19.1 | 3.4  | 0.4  |  |       |     |
|              |           |         |      |      | 0. -5.00  | 351         | 5.7                             | 15.4 | 20.5       | 44.1 | 0.6           | 1.4  | 22.6 | 4.0  | 0.3  | 0.6       | 1.4  | 32.3 | 7.7  | 1.4  |  |       |     |
|              |           |         |      |      | 0. -0.49  | 148         | 8.8                             | 16.9 | 9.6        | 18.5 | 1.4           | 2.1  | 9.0  | 2.8  | 0.0  | 2.1       | 8.2  | 11.6 | 2.1  | 1.4  |  |       |     |
|              |           |         |      |      | 0.50-0.99 | 144         | 9.0                             | 22.9 | 14.8       | 28.2 | 0.0           | 6.9  | 19.4 | 7.6  | 0.0  | 0.7       | 8.3  | 18.8 | 7.6  | 0.0  |  |       |     |
|              |           |         |      |      | 1. -1.99  | 277         | 8.3                             | 17.0 | 20.1       | 42.2 | 1.1           | 3.6  | 17.9 | 2.6  | 0.0  | 1.1       | 2.2  | 26.3 | 4.4  | 0.7  |  |       |     |
|              |           |         |      |      | 2. -2.99  | 272         | 4.4                             | 15.8 | 25.5       | 51.3 | 0.0           | 0.0  | 25.5 | 3.3  | 0.4  | 0.0       | 0.0  | 38.7 | 7.4  | 1.1  |  |       |     |
|              |           |         |      |      | 3. -3.99  | 308         | 7.1                             | 20.8 | 25.3       | 52.0 | 0.3           | 1.3  | 23.6 | 3.9  | 0.3  | 0.3       | 0.7  | 34.4 | 7.9  | 0.3  |  |       |     |
|              |           |         |      |      | 4. -5.00  | 370         | 4.1                             | 13.5 | 14.9       | 40.8 | 0.3           | 1.1  | 16.0 | 3.0  | 0.3  | 0.5       | 0.8  | 18.6 | 4.1  | 0.3  |  |       |     |
|              |           |         |      |      | M         | 0. -5.00    | 791                             | 6.4  | 15.5       | 18.3 | 39.6          | 0.8  | 2.5  | 21.5 | 5.1  | 0.4       | 1.1  | 2.8  | 30.2 | 7.3  |  |       | 0.9 |
|              |           |         |      |      | M         | 0. -0.49    | 86                              | 8.1  | 16.3       | 8.3  | 17.9          | 2.4  | 2.4  | 10.7 | 3.6  | 0.0       | 3.6  | 7.1  | 13.1 | 2.4  |  |       | 1.2 |
|              |           |         |      |      | M         | 0.50-0.99   | 84                              | 8.3  | 20.2       | 13.4 | 26.8          | 0.0  | 8.3  | 25.0 | 10.7 | 0.0       | 1.2  | 9.5  | 23.8 | 9.5  |  |       | 0.0 |
|              |           |         |      |      | M         | 1. -1.99    | 136                             | 6.6  | 14.7       | 20.3 | 38.3          | 1.5  | 3.7  | 20.9 | 4.5  | 0.0       | 1.5  | 2.2  | 31.3 | 7.5  |  |       | 1.5 |
|              |           |         |      |      | M         | 2. -2.99    | 136                             | 5.1  | 16.2       | 26.7 | 48.1          | 0.0  | 0.0  | 20.6 | 2.2  | 0.7       | 0.0  | 0.0  | 36.8 | 4.4  |  |       | 1.5 |
|              |           |         |      |      | M         | 3. -3.99    | 160                             | 7.5  | 19.4       | 23.2 | 51.0          | 0.6  | 1.9  | 27.0 | 6.3  | 0.6       | 0.6  | 1.3  | 40.9 | 11.9 |  |       | 0.6 |
|              |           |         |      |      | M         | 4. -5.00    | 189                             | 4.8  | 10.1       | 13.3 | 40.4          | 0.5  | 1.6  | 21.3 | 4.8  | 0.5       | 1.1  | 1.6  | 25.9 | 6.3  |  |       | 0.5 |
|              |           |         |      |      | F         | 0. -5.00    | 728                             | 6.5  | 19.1       | 20.5 | 44.2          | 0.1  | 1.5  | 16.7 | 1.9  | 0.0       | 0.1  | 1.8  | 21.8 | 3.9  |  |       | 0.3 |
| F            | 0. -0.49  | 62      | 9.7  | 17.7 | 11.3      | 19.4        | 0.0                             | 1.6  | 6.6        | 1.6  | 0.0           | 0.0  | 9.7  | 9.7  | 1.6  | 1.6       |      |      |      |      |  |       |     |
| F            | 0.50-0.99 | 60      | 10.0 | 26.7 | 16.7      | 30.0        | 0.0                             | 5.0  | 11.7       | 3.3  | 0.0           | 0.0  | 6.7  | 11.7 | 5.0  | 0.0       |      |      |      |      |  |       |     |
| F            | 1. -1.99  | 141     | 9.9  | 19.1 | 20.0      | 45.9        | 0.7                             | 3.6  | 15.0       | 0.7  | 0.0           | 0.7  | 2.1  | 21.4 | 1.4  | 0.0       |      |      |      |      |  |       |     |
| F            | 2. -2.99  | 136     | 3.7  | 15.4 | 24.3      | 54.4        | 0.0                             | 0.0  | 30.4       | 4.4  | 0.0           | 0.0  | 0.0  | 40.7 | 10.4 | 0.7       |      |      |      |      |  |       |     |
| F            | 3. -3.99  | 148     | 6.8  | 22.3 | 27.6      | 53.1        | 0.0                             | 0.7  | 19.9       | 1.4  | 0.0           | 0.0  | 0.0  | 27.4 | 3.4  | 0.0       |      |      |      |      |  |       |     |
| F            | 4. -5.00  | 181     | 3.3  | 17.1 | 16.7      | 41.1        | 0.0                             | 0.6  | 10.5       | 1.1  | 0.0           | 0.0  | 0.0  | 11.0 | 1.7  | 0.0       |      |      |      |      |  |       |     |
| National     | JUN-OCT   | 1988    |      |      | 0. -2.99  | 2015        | 2.4                             | 8.5  | 7.5        | 20.3 | 1.0           | 4.4  | 20.4 | 4.3  | 1.1  | 1.3       | 5.1  | 23.3 | 5.5  | 1.3  | Center<br>North-East<br>North-West                 | 00702 |     |
|              |           |         |      |      | 0. -2.99  | 370         | 3.0                             | 9.5  | 8.6        | 23.0 | 0.8           | 4.4  | 20.2 | 3.5  | 0.8  | 0.5       | 4.4  | 25.2 | 4.7  | 1.1  |  |       |     |
|              |           |         |      |      | 0. -2.99  | 316         | 2.5                             | 9.2  | 8.2        | 20.3 | 1.9           | 7.6  | 26.4 | 8.0  | 2.2  | 2.9       | 8.0  | 26.5 | 9.9  | 2.9  |  |       |     |
|              |           |         |      |      | 0. -2.99  | 328         | 1.8                             | 9.1  | 5.2        | 17.8 | 0.6           | 4.9  | 14.9 | 2.4  | 0.0  | 1.2       | 5.8  | 15.5 | 3.7  | 0.0  |  |       |     |

**TUNISIA**

| Admin. level | Months   | Year    | Area           | Sex | Age group | Sample size | Percentage below / above median |      |            |      |               |      |      |      |      |           |      |      |      |      |  | Notes | Ref |
|--------------|----------|---------|----------------|-----|-----------|-------------|---------------------------------|------|------------|------|---------------|------|------|------|------|-----------|------|------|------|------|--|-------|-----|
|              |          |         |                |     |           |             | Weight/age                      |      | Height/age |      | Weight/height |      |      |      |      | BMI / age |      |      |      |      |  |       |     |
|              |          |         |                |     |           |             | -3SD                            | -2SD | -3SD       | -2SD | -3SD          | -2SD | +1SD | +2SD | +3SD | -3SD      | -2SD | +1SD | +2SD | +3SD |  |       |     |
| National     | JUN-OCT  | 1988    | URBAN<br>RURAL |     | 0. -2.99  | 378         | 3.7                             | 7.9  | 8.0        | 22.5 | 0.8           | 3.2  | 23.8 | 4.0  | 1.1  | 1.1       | 4.0  | 27.5 | 6.1  | 1.6  | Sahel<br>South<br>Tunis  | 00702 |     |
|              |          |         |                |     | 0. -2.99  | 311         | 2.3                             | 11.6 | 12.8       | 28.2 | 0.7           | 3.6  | 16.7 | 2.6  | 1.0  | 0.7       | 3.9  | 23.9 | 3.3  | 0.3  |  |       |     |
|              |          |         |                |     | 0. -2.99  | 312         | 0.6                             | 3.8  | 1.9        | 9.0  | 1.3           | 3.2  | 19.9 | 5.4  | 1.9  | 1.3       | 4.5  | 20.4 | 5.5  | 1.6  |  |       |     |
|              |          |         |                |     | 0. -0.49  | 193         | 3.6                             | 15.0 | 5.2        | 12.0 | 1.0           | 8.8  | 14.0 | 3.1  | 0.5  | 2.1       | 12.4 | 10.9 | 3.1  | 0.5  |  |       |     |
|              |          |         |                |     | 0.50-0.99 | 384         | 4.9                             | 12.2 | 7.1        | 15.3 | 2.6           | 8.2  | 22.4 | 6.1  | 1.6  | 2.4       | 9.8  | 19.0 | 5.6  | 1.3  |  |       |     |
|              |          |         |                |     | 1. -1.99  | 728         | 1.6                             | 7.0  | 6.9        | 21.8 | 0.6           | 2.9  | 22.1 | 4.6  | 1.1  | 1.0       | 2.9  | 27.0 | 6.2  | 1.9  |  |       |     |
|              |          |         |                |     | 2. -2.99  | 710         | 1.4                             | 6.3  | 9.0        | 23.6 | 0.6           | 2.8  | 19.3 | 3.4  | 1.1  | 0.7       | 2.7  | 25.3 | 5.4  | 0.7  |  |       |     |
|              |          |         |                |     | 0. -2.99  | 993         | 1.3                             | 6.5  | 5.2        | 13.7 | 1.0           | 4.4  | 22.0 | 5.3  | 1.4  | 1.3       | 5.1  | 23.1 | 5.9  | 1.5  |  |       |     |
|              |          |         |                |     | 0. -2.99  | 1022        | 3.4                             | 10.5 | 9.7        | 26.6 | 1.0           | 4.5  | 18.9 | 3.3  | 0.9  | 1.2       | 5.0  | 23.5 | 5.1  | 1.0  |  |       |     |
|              |          |         |                |     | M         | 0. -2.99    | 1020                            | 2.3  | 9.3        | 7.6  | 20.9          | 1.1  | 4.9  | 20.6 | 4.4  | 1.4       | 1.5  | 5.0  | 23.9 | 5.6  |  |       | 1.3 |
|              |          |         |                |     | M         | 0. -0.49    | 96                              | 6.3  | 17.7       | 6.2  | 17.5          | 2.1  | 8.3  | 17.7 | 4.2  | 1.0       | 3.1  | 11.5 | 17.7 | 3.1  |  |       | 1.0 |
|              |          |         |                |     | M         | 0.50-0.99   | 197                             | 4.1  | 12.2       | 5.2  | 15.5          | 3.1  | 8.2  | 19.9 | 5.6  | 1.0       | 3.1  | 8.7  | 17.9 | 5.1  |  |       | 1.0 |
|              |          |         |                |     | M         | 1. -1.99    | 362                             | 1.4  | 7.7        | 8.0  | 22.2          | 0.6  | 4.2  | 22.6 | 5.0  | 1.7       | 1.4  | 4.2  | 26.5 | 6.7  |  |       | 1.7 |
|              |          |         |                |     | M         | 2. -2.99    | 365                             | 1.1  | 7.1        | 8.8  | 23.3          | 0.3  | 3.0  | 19.8 | 3.3  | 1.4       | 0.3  | 2.2  | 26.2 | 5.5  |  |       | 1.1 |
|              |          |         |                |     | F         | 0. -2.99    | 995                             | 2.5  | 7.7        | 7.4  | 19.7          | 0.9  | 4.0  | 20.2 | 4.2  | 0.9       | 1.0  | 5.1  | 22.7 | 5.4  |  |       | 1.2 |
|              |          |         |                |     | F         | 0. -0.49    | 97                              | 1.0  | 12.4       | 4.3  | 6.4           | 0.0  | 9.3  | 10.3 | 2.1  | 0.0       | 1.0  | 13.4 | 4.1  | 3.1  |  |       | 0.0 |
|              |          |         |                |     | F         | 0.50-0.99   | 187                             | 5.9  | 12.3       | 9.1  | 15.0          | 2.2  | 8.2  | 25.0 | 6.5  | 2.2       | 1.6  | 10.9 | 20.2 | 6.0  |  |       | 1.6 |
|              |          |         |                |     | F         | 1. -1.99    | 366                             | 1.9  | 6.3        | 5.8  | 21.4          | 0.5  | 1.6  | 21.6 | 4.1  | 0.5       | 0.5  | 1.6  | 27.4 | 5.8  |  |       | 2.2 |
| F            | 2. -2.99 | 345     | 1.7            | 5.5 | 9.1       | 24.0        | 0.9                             | 2.6  | 18.8       | 3.5  | 0.9           | 1.2  | 3.3  | 24.3 | 5.3  | 0.3       |      |      |      |      |  |       |     |
| National     | NOV-JAN  | 1994-95 |                |     | 0. -5.00  | 3382        | 2.9                             | 8.1  | 15.0       | 30.9 | 2.1           | 4.5  | 49.0 | 25.4 | 10.2 | 2.0       | 4.2  | 50.7 | 26.8 | 11.2 | Central West<br>Central East<br>Grand Tunis<br>North East<br>North<br>South West<br>South East | 01539 |     |
|              |          |         |                |     | 0. -5.00  | 628         | 3.3                             | 10.8 | 18.6       | 36.0 | 2.3           | 5.4  | 40.3 | 20.5 | 10.1 | 2.8       | 5.2  | 42.0 | 20.3 | 9.4  |  |       |     |
|              |          |         |                |     | 0. -5.00  | 581         | 2.7                             | 7.8  | 10.9       | 22.7 | 2.5           | 4.8  | 44.3 | 18.5 | 5.7  | 2.1       | 3.5  | 46.2 | 21.4 | 7.1  |  |       |     |
|              |          |         |                |     | 0. -5.00  | 611         | 0.6                             | 2.7  | 8.7        | 21.0 | 0.8           | 3.2  | 63.9 | 35.3 | 12.2 | 0.8       | 4.1  | 65.2 | 37.9 | 14.6 |  |       |     |
|              |          |         |                |     | 0. -5.00  | 499         | 2.0                             | 6.3  | 8.2        | 26.8 | 1.6           | 2.5  | 50.2 | 27.9 | 9.2  | 1.8       | 2.7  | 50.8 | 27.0 | 11.5 |  |       |     |
|              |          |         |                |     | 0. -5.00  | 508         | 4.6                             | 11.1 | 29.8       | 46.7 | 2.8           | 5.0  | 50.2 | 29.2 | 15.2 | 1.4       | 3.2  | 53.1 | 30.9 | 15.9 |  |       |     |
|              |          |         |                |     | 0. -5.00  | 209         | 4.7                             | 10.1 | 19.1       | 37.5 | 2.8           | 5.9  | 48.4 | 24.2 | 10.5 | 3.1       | 5.8  | 50.2 | 26.0 | 9.6  |  |       |     |
|              |          |         |                |     | 0. -5.00  | 347         | 4.5                             | 10.5 | 13.2       | 33.2 | 2.8           | 6.3  | 42.9 | 19.9 | 8.9  | 2.7       | 6.0  | 43.9 | 22.6 | 9.4  |  |       |     |
|              |          |         |                |     | 0. -0.49  | 321         | 4.5                             | 13.3 | 15.6       | 34.6 | 2.9           | 6.1  | 55.5 | 32.2 | 18.8 | 3.3       | 5.9  | 47.4 | 27.5 | 15.0 |  |       |     |
|              |          |         |                |     | 0.50-0.99 | 318         | 6.0                             | 14.0 | 18.7       | 37.9 | 2.2           | 8.1  | 56.2 | 37.9 | 16.4 | 2.4       | 8.5  | 55.4 | 37.7 | 16.9 |  |       |     |
|              |          |         |                |     | 1. -1.99  | 654         | 4.3                             | 8.3  | 18.3       | 37.7 | 3.4           | 4.9  | 51.8 | 27.3 | 12.1 | 2.6       | 3.8  | 58.9 | 30.8 | 15.7 |  |       |     |

**TUNISIA**

| TUNISIA      |         |         |                |     |             |             |                                 |      |            |      |               |      |      |      |      |           |      |      |      |                     |             |       |     |
|--------------|---------|---------|----------------|-----|-------------|-------------|---------------------------------|------|------------|------|---------------|------|------|------|------|-----------|------|------|------|---------------------|-------------|-------|-----|
| Admin. level | Months  | Year    | Area           | Sex | Age group   | Sample size | Percentage below / above median |      |            |      |               |      |      |      |      |           |      |      |      |                     |             | Notes | Ref |
|              |         |         |                |     |             |             | Weight/age                      |      | Height/age |      | Weight/height |      |      |      |      | BMI / age |      |      |      |                     |             |       |     |
|              |         |         |                |     |             |             | -3SD                            | -2SD | -3SD       | -2SD | -3SD          | -2SD | +1SD | +2SD | +3SD | -3SD      | -2SD | +1SD | +2SD | +3SD                |             |       |     |
| National     | NOV-JAN | 1994-95 | URBAN<br>RURAL |     | 2. -2.99    | 709         | 2.2                             | 7.6  | 13.7       | 28.5 | 2.6           | 5.8  | 51.1 | 25.6 | 9.0  | 2.1       | 5.3  | 53.4 | 29.5 | 11.8                |             | 01539 |     |
|              |         |         |                |     | 3. -3.99    | 682         | 1.5                             | 6.3  | 15.4       | 29.2 | 1.2           | 2.2  | 47.8 | 21.5 | 7.5  | 1.0       | 1.7  | 50.1 | 24.1 | 7.0                 |             |       |     |
|              |         |         |                |     | 4. -5.00    | 699         | 1.8                             | 5.1  | 11.1       | 24.4 | 1.0           | 3.1  | 40.0 | 19.0 | 6.3  | 1.5       | 3.1  | 40.5 | 18.3 | 6.6                 |             |       |     |
|              |         |         |                |     | 0. -5.00    | 1839        | 1.6                             | 5.4  | 9.2        | 21.5 | 1.7           | 3.8  | 51.1 | 24.2 | 8.8  | 1.6       | 3.7  | 52.1 | 25.8 | 9.4                 |             |       |     |
|              |         |         |                |     | 0. -5.00    | 1543        | 4.5                             | 11.4 | 22.0       | 42.4 | 2.6           | 5.4  | 46.5 | 26.8 | 11.9 | 2.4       | 4.8  | 48.9 | 28.2 | 13.4                |             |       |     |
|              |         |         |                |     | M 0. -5.00  | 1716        | 3.1                             | 8.0  | 15.6       | 30.9 | 2.1           | 4.2  | 49.3 | 25.8 | 10.8 | 1.9       | 4.1  | 52.2 | 27.4 | 11.9                |             |       |     |
|              |         |         |                |     | M 0. -0.49  | 151         | 4.1                             | 10.8 | 17.5       | 35.2 | 2.5           | 4.8  | 53.0 | 26.5 | 16.5 | 2.5       | 5.1  | 49.3 | 22.1 | 13.2                |             |       |     |
|              |         |         |                |     | M 0.50-0.99 | 165         | 4.8                             | 15.9 | 16.6       | 33.7 | 2.9           | 9.4  | 56.6 | 35.2 | 12.4 | 3.0       | 10.1 | 56.0 | 36.8 | 13.1                |             |       |     |
|              |         |         |                |     | M 1. -1.99  | 319         | 5.4                             | 9.9  | 19.9       | 38.5 | 3.6           | 5.2  | 48.0 | 25.3 | 12.2 | 3.1       | 4.0  | 56.7 | 28.5 | 15.8                |             |       |     |
|              |         |         |                |     | M 2. -2.99  | 353         | 1.9                             | 6.6  | 14.2       | 30.0 | 2.1           | 4.9  | 51.1 | 27.9 | 10.0 | 1.8       | 5.3  | 54.8 | 30.7 | 13.3                |             |       |     |
|              |         |         |                |     | M 3. -3.99  | 368         | 1.7                             | 5.9  | 15.3       | 27.1 | 0.7           | 1.9  | 48.2 | 21.8 | 9.5  | 0.5       | 1.2  | 49.6 | 24.6 | 8.0                 |             |       |     |
|              |         |         |                |     | M 4. -5.00  | 360         | 2.4                             | 4.8  | 12.4       | 26.3 | 1.7           | 2.5  | 45.2 | 23.9 | 9.1  | 1.9       | 2.7  | 47.6 | 23.6 | 10.0                |             |       |     |
|              |         |         |                |     | F 0. -5.00  | 1667        | 2.8                             | 8.3  | 14.3       | 30.9 | 2.1           | 4.9  | 48.7 | 24.9 | 9.6  | 2.0       | 4.3  | 49.2 | 26.3 | 10.4                |             |       |     |
|              |         |         |                |     | F 0. -0.49  | 170         | 5.0                             | 15.6 | 13.9       | 34.1 | 3.3           | 7.2  | 57.7 | 37.0 | 20.8 | 4.1       | 6.7  | 45.8 | 32.1 | 16.5                |             |       |     |
|              |         |         |                |     | F 0.50-0.99 | 153         | 7.2                             | 12.1 | 20.9       | 42.2 | 1.5           | 6.7  | 55.8 | 40.9 | 20.8 | 1.8       | 6.8  | 54.8 | 38.6 | 20.8                |             |       |     |
|              |         |         |                |     | F 1. -1.99  | 335         | 3.3                             | 6.8  | 16.7       | 36.9 | 3.2           | 4.5  | 55.4 | 29.2 | 12.0 | 2.0       | 3.7  | 60.9 | 33.0 | 15.5                |             |       |     |
|              |         |         |                |     | F 2. -2.99  | 356         | 2.4                             | 8.6  | 13.1       | 27.0 | 3.1           | 6.7  | 51.1 | 23.4 | 7.9  | 2.4       | 5.3  | 52.1 | 28.4 | 10.3                |             |       |     |
|              |         |         |                |     | F 3. -3.99  | 315         | 1.2                             | 6.7  | 15.5       | 31.7 | 1.7           | 2.5  | 47.4 | 21.2 | 5.3  | 1.5       | 2.2  | 50.8 | 23.6 | 5.9                 |             |       |     |
| F 4. -5.00   | 339     | 1.1     | 5.5            | 9.7 | 22.5        | 0.4         | 3.7                             | 34.6 | 14.1       | 3.5  | 1.1           | 3.6  | 33.3 | 13.0 | 3.1  |           |      |      |      |                     |             |       |     |
| National     | JUN-DEC | 1996-97 |                |     | 0. -4.99    | 891         |                                 | 3.3  |            | 11.9 |               | 7.2  |      | 1.4  |      |           |      |      |      | Converted estimates | 01969       |       |     |
| National     |         | 2000    |                |     | 0. -4.99    | 10553       |                                 | 3.5  |            | 16.8 |               | 2.9  |      |      |      |           |      |      |      | Converted estimates | 02373       |       |     |
| National     | JUN-AUG | 2006    |                |     | 0. -5.00    | 2842        | 0.9                             | 3.3  | 2.3        | 9.0  | 1.2           | 3.4  | 26.7 | 8.8  | 2.3  | 1.2       | 3.1  | 27.2 | 9.3  | 2.2                 |             |       |     |
|              |         |         |                |     | 0. -5.00    | 564         | 0.8                             | 1.9  | 0.7        | 8.0  | 1.0           | 2.8  | 30.4 | 10.0 | 1.4  | 1.0       | 2.4  | 30.7 | 9.4  | 0.7                 | Centre Est  |       |     |
|              |         |         |                |     | 0. -5.00    | 640         | 1.3                             | 4.0  | 1.1        | 6.2  | 1.0           | 3.5  | 22.5 | 8.5  | 2.8  | 1.1       | 2.7  | 22.7 | 8.7  | 2.4                 | Grand Tunis |       |     |
|              |         |         |                |     | 0. -5.00    | 202         | 0.8                             | 3.9  | 1.9        | 8.3  | 1.7           | 4.3  | 17.0 | 4.8  | 0.5  | 1.4       | 3.6  | 21.0 | 5.3  | 0.8                 | Kairoun     |       |     |
|              |         |         |                |     | 0. -5.00    | 156         | 1.3                             | 7.0  | 6.8        | 18.4 | 0.3           | 2.9  | 24.9 | 7.0  | 2.9  | 0.5       | 2.6  | 28.6 | 7.6  | 2.9                 | Kasserine   |       |     |
|              |         |         |                |     | 0. -5.00    | 407         | 0.3                             | 1.8  | 2.0        | 7.3  | 1.3           | 1.6  | 35.2 | 12.1 | 2.5  | 0.6       | 2.2  | 33.4 | 12.5 | 2.4                 | Nord Est    |       |     |
|              |         |         |                |     | 0. -5.00    | 311         | 1.3                             | 5.4  | 3.5        | 10.5 | 1.7           | 6.6  | 26.6 | 9.2  | 3.7  | 2.1       | 5.6  | 27.0 | 11.3 | 4.2                 | Nord Ouest  |       |     |
|              |         |         |                |     | 0. -5.00    | 146         | 0.5                             | 2.3  | 1.9        | 8.7  | 0.6           | 2.5  | 15.4 | 3.7  | 0.9  | 0.6       | 1.8  | 16.5 | 3.9  | 0.9                 | Sidi Bouzid |       |     |
|              |         |         |                |     | 0. -5.00    | 259         | 0.3                             | 1.6  | 3.9        | 11.9 | 1.0           | 1.9  | 34.3 | 10.3 | 3.1  | 1.0       | 2.5  | 34.1 | 11.4 | 3.0                 | Sud Est     |       |     |

**TUNISIA**

| Admin. level | Months   | Year | Area | Sex | Age group | Sample size | Percentage below / above median |      |            |      |               |      |      |      |      |           |      |      |      |      |           | Notes | Ref |
|--------------|----------|------|------|-----|-----------|-------------|---------------------------------|------|------------|------|---------------|------|------|------|------|-----------|------|------|------|------|-----------|-------|-----|
|              |          |      |      |     |           |             | Weight/age                      |      | Height/age |      | Weight/height |      |      |      |      | BMI / age |      |      |      |      |           |       |     |
|              |          |      |      |     |           |             | -3SD                            | -2SD | -3SD       | -2SD | -3SD          | -2SD | +1SD | +2SD | +3SD | -3SD      | -2SD | +1SD | +2SD | +3SD |           |       |     |
| National     | JUN-AUG  | 2006 |      |     | 0. -5.00  | 157         | 1.2                             | 5.5  | 4.5        | 12.8 | 3.2           | 7.3  | 20.8 | 6.3  | 2.6  | 4.0       | 6.6  | 21.8 | 6.9  | 3.3  | Sud Ouest | 02924 |     |
|              |          |      |      |     | 0. -0.49  | 265         | 3.0                             | 6.6  | 2.2        | 5.3  | 4.9           | 13.7 | 18.3 | 6.1  | 1.3  | 3.4       | 10.4 | 16.7 | 5.7  | 1.0  |           |       |     |
|              |          |      |      |     | 0.50-0.99 | 302         | 1.7                             | 3.4  | 2.1        | 7.8  | 2.0           | 4.3  | 27.4 | 11.4 | 3.4  | 2.3       | 4.3  | 25.8 | 10.6 | 1.6  |           |       |     |
|              |          |      |      |     | 1. -1.99  | 539         | 0.5                             | 3.3  | 3.6        | 11.1 | 0.9           | 3.0  | 35.5 | 11.7 | 2.9  | 1.0       | 2.9  | 36.7 | 12.7 | 3.4  |           |       |     |
|              |          |      |      |     | 2. -2.99  | 562         | 0.4                             | 2.4  | 2.1        | 12.0 | 1.4           | 2.8  | 33.8 | 10.1 | 3.1  | 1.4       | 2.4  | 35.4 | 12.0 | 3.1  |           |       |     |
|              |          |      |      |     | 3. -3.99  | 558         | 0.6                             | 2.3  | 2.5        | 8.7  | 0.5           | 1.4  | 25.0 | 9.7  | 1.3  | 0.5       | 1.4  | 26.0 | 10.0 | 1.4  |           |       |     |
|              |          |      |      |     | 4. -5.00  | 617         | 0.7                             | 3.8  | 1.3        | 6.9  | 0.2           | 1.6  | 17.4 | 4.3  | 1.9  | 0.5       | 1.7  | 17.7 | 4.1  | 1.8  |           |       |     |
|              |          |      |      |     | URBAN     | 0. -5.00    | 1785                            | 0.8  | 2.7        | 1.5  | 6.8           | 1.3  | 3.3  | 29.4 | 9.8  | 2.3       | 1.3  | 2.9  | 28.5 | 10.0 |           |       | 2.0 |
|              |          |      |      |     | RURAL     | 0. -5.00    | 1058                            | 1.1  | 4.5        | 3.5  | 12.7          | 1.2  | 3.7  | 22.3 | 7.2  | 2.4       | 1.1  | 3.4  | 24.9 | 8.1  |           |       | 2.5 |
|              |          |      |      |     | M         | 0. -5.00    | 1512                            | 1.2  | 3.7        | 2.3  | 9.9           | 1.4  | 3.6  | 28.1 | 8.5  | 2.2       | 1.4  | 3.3  | 27.7 | 9.3  |           |       | 1.8 |
|              |          |      |      |     | M         | 0. -0.49    | 154                             | 4.8  | 8.1        | 2.4  | 7.5           | 4.0  | 12.6 | 20.4 | 5.7  | 1.6       | 3.1  | 11.6 | 17.4 | 6.7  |           |       | 1.1 |
|              |          |      |      |     | M         | 0.50-0.99   | 156                             | 1.2  | 2.6        | 2.1  | 7.9           | 3.4  | 5.5  | 27.1 | 10.4 | 1.8       | 3.2  | 4.9  | 25.1 | 9.6  |           |       | 0.0 |
|              |          |      |      |     | M         | 1. -1.99    | 277                             | 0.3  | 3.9        | 4.5  | 13.1          | 0.6  | 3.1  | 36.7 | 11.5 | 3.7       | 1.3  | 2.7  | 36.6 | 12.5 |           |       | 3.9 |
|              |          |      |      |     | M         | 2. -2.99    | 309                             | 0.2  | 2.3        | 1.1  | 12.5          | 1.7  | 3.3  | 36.3 | 11.0 | 3.4       | 1.7  | 2.7  | 35.2 | 12.6 |           |       | 2.7 |
|              |          |      |      |     | M         | 3. -3.99    | 290                             | 1.1  | 3.8        | 3.2  | 8.6           | 0.9  | 2.1  | 27.7 | 10.0 | 1.1       | 1.0  | 2.2  | 28.2 | 11.0 |           |       | 1.4 |
|              |          |      |      |     | M         | 4. -5.00    | 326                             | 1.4  | 3.3        | 0.7  | 8.1           | 0.2  | 0.7  | 17.3 | 2.6  | 1.2       | 0.2  | 0.9  | 18.6 | 3.1  |           |       | 0.9 |
|              |          |      |      |     | F         | 0. -5.00    | 1331                            | 0.5  | 2.9        | 2.3  | 8.0           | 1.0  | 3.3  | 25.2 | 9.2  | 2.5       | 1.0  | 2.9  | 26.6 | 9.2  |           |       | 2.6 |
|              |          |      |      |     | F         | 0. -0.49    | 111                             | 0.4  | 4.5        | 1.9  | 2.4           | 6.0  | 15.2 | 15.6 | 6.6  | 0.9       | 3.8  | 8.9  | 15.7 | 4.3  |           |       | 1.0 |
|              |          |      |      |     | F         | 0.50-0.99   | 146                             | 2.2  | 4.2        | 2.0  | 7.7           | 0.5  | 3.1  | 27.8 | 12.5 | 5.2       | 1.4  | 3.7  | 26.5 | 11.6 |           |       | 3.4 |
|              |          |      |      |     | F         | 1. -1.99    | 262                             | 0.6  | 2.7        | 2.6  | 9.1           | 1.2  | 3.0  | 34.3 | 11.9 | 2.1       | 0.7  | 3.1  | 36.8 | 12.9 |           |       | 3.0 |
| F            | 2. -2.99 | 253  | 0.6  | 2.5 | 3.3       | 11.4        | 0.9                             | 2.2  | 30.8       | 9.0  | 2.8           | 1.1  | 2.1  | 35.5 | 11.2 | 3.6       |      |      |      |      |           |       |     |
| F            | 3. -3.99 | 267  | 0.0  | 0.7 | 1.8       | 8.7         | 0.0                             | 0.6  | 22.1       | 9.3  | 1.4           | 0.0  | 0.6  | 23.6 | 8.8  | 1.4       |      |      |      |      |           |       |     |
| F            | 4. -5.00 | 291  | 0.0  | 4.4 | 1.9       | 5.6         | 0.3                             | 2.6  | 17.4       | 6.2  | 2.7           | 0.9  | 2.6  | 16.7 | 5.4  | 2.7       |      |      |      |      |           |       |     |