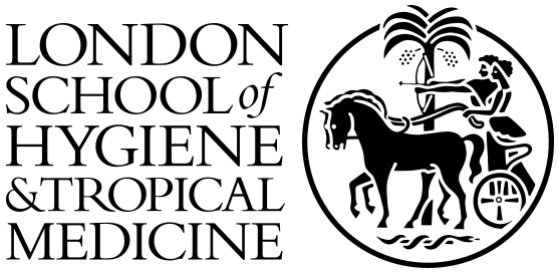

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# FACTORS INFLUENCING THE GROWTH AND NUTRITIONAL STATUS OF INFANTS AND YOUNG CHILDREN IN RURAL JORDAN

## - APPENDICES -

By

SAAD S. HIJAZI, M.D., M.P.H., D.C.H.

In part fulfilment of the requirements for the degree of Ph.D. in the Faculty of Medicine,
University of London

Department of Human Nutrition
L.S.H. & T.M.
University of London

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APPENDIX 1



A SURVEY OF GROWTH IN THE PRE-SCHOOL CHILD IN JORDAN

SPONSORED AND CONDUCTED BY

Ministry of Health - Jordan Research Council - Department of Nutrition
L.S.H. & T.M. London

Dr. Sa'ad S. Hijazi
Amman - Jordan, P.O. Box 7248

Name of Child _____

Address _____

1. Serial Number _____
2. Date of Interview: Day _____
   Month _____ Year _____
3. Date of Birth: Day _____
   Month _____ Year _____
4. Sex: Male _____ Female _____
5. Respondent relation to child:
   A. Mother _____
   B. Father _____
   C. Other _____
   (Specify )
6. People who live in the same house: (list all the people who usually live in the same house, including parents, the present child, any other children and any other adults who are members of the same household).

| Age (year) | Relationship to child |
|---|---|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |

From this list mark:

a. Total number of members in the household_____

b. Number of children less than 15 years old_____

c. Child's position among other children in the family (for eldest child write '1' and '99' if you don't know)

_____

d. Mother's age (in years)_____

e. Father's age (in years)_____

f. What is the average period between each pregnancy (in years)_____

7. Mother: The person acting as a mother to the child (responsible for the family), what is her relationship to the child:

1. Real mother_____
2. Mother by legal adoption_____
3. Stepmother_____
4. Grandmother_____
5. Eldest sister_____
6. Other (specify)_____
9. Don't know_____

8. Father: The person acting as a father to the child (responsible for the family), what is his relationship to the child:

1. Real father_____
2. Father by legal adoption_____
3. Stepfather_____
4. Grandfather_____
5. Eldest brother_____
6. Other (specify)_____
9. Don't know_____

9. Please state marital status of mother:
   1. Married_____
   2. Widowed_____
   3. Divorced/separated_____
   9. Not sure_____
10. If the man is married how many other wives are there in the house or elsewhere (excluding the present wife):
   1. None_____
   2. One_____
   3. Two_____
   4. Three_____
   9. Don't know_____
11. Indicate the relationship of mother to father:
   1. First cousins_____
   2. 2nd and 3rd cousins_____
   3. Distantly related or not related_____
   9. Don't know_____
12. What is the educational status of the mother:
   1. Illiterate_____
   2. Reads and writes without going to school_____
   3. Primary school_____
   4. Preparatory school_____
   5. Secondary school_____
   6. Professional, technical, trade or teachers' school_____
   7. University_____
   8. Otner_____
   9. Don't know_____
13. Age of mother when married_____

Questions 14 - 26 are now addressed to the mother

14. Are you doing a paid job:
   1. Yes_____
   2. No_____
   9. Don't know_____

15. If the answer to no. 14 is 'Yes', what type of work are you doing:

_____

16. What is the net monthly income:

1. Under 9.99 dinars_____
2. From 10 - 19.99 dinars_____
3. From 20 - 29.99 dinars_____
4. From 30 - 39.99 dinars_____
5. From 40 - 49.99 dinars_____
9. No reply_____

17. Did a nurse or midwife visit you at all during the last pregnancy:

1. Yes_____
2. No_____
9. Don't know_____

18. Did you visit a MCH centre during the last pregnancy:

1. Yes_____
2. No_____
9. Don't know_____

19. If the answer to no. 18 is 'Yes', when did you first visit the MCH centre during the last pregnancy:

1. When you were less than three months pregnant_____
2. When you were three - six months pregnant_____
3. When you were six - nine months pregnant_____
9. Don't know_____

20. How many times in your life have you been pregnant:

_____

21. How many of your children were born alive:

_____

(Number still born, if any_____ Number of abortions, if any_____)

22. Of those born alive, have any of the children died since:

1. Yes_____
2. No_____
9. Don't know_____

If the answer is 'Yes', how many children died at the age of:

Less than one month_____

From one month to one year_____

From one year to four years_____

Over four years_____

The number is not known_____

23. Would you like to have more children than you have now:

1. Yes_____
2. No_____
9. Don't know_____

24. If the answer to no. 23 is 'No', have you used any contraceptive means:

1. Yes_____
2. No_____
9. Don't know_____

25. If the answer to no. 24 is 'Yes', indicate the last contraceptive means used:

1. Contraceptive pill_____
2. IUD_____
3. Other (specify)_____
9. Don't know_____

26. Are you expecting a baby now:

1. Yes_____
2. No_____
3. Not indicated_____
9. Don't know_____

27. What is the educational status of the father:

1. Illiterate_____
2. Reads, writes, but has not joined any official school_____
3. Elementary school_____
4. Preparatory school_____
5. Secondary school_____
6. Industrial, trade or teachers' school_____
7. University_____
8. Other_____
9. Don't know_____

28. What is the religion and origin of the father:
    1. Moslem Jordanian_____
    2. Moslem Palestinian_____
    3. Christian Jordanian_____
    4. Christian Palestinian_____
    5. Other_____
    9. Not sure_____
29. What is the profession of the father:

    _____
30. Is the work of the father:
    1. Permanent_____
    2. Temporary_____
    9. Don't know_____
31. What is the net income of the father:
    1. Under 9.99 dinars_____
    2. From 10 - 19.99 dinars_____
    3. From 20 - 29.99 dinars_____
    4. From 30 - 39.99 dinars_____
    5. From 40 - 49.99 dinars_____
    6. 50 dinars and up_____
    9. Don't know_____

REGISTER THE SOCIAL CLASS: _____

Card No. 2 Serial No.:_____

32. Is the house where the father lives his own:
    1. Yes_____
    2. No_____
    9. Don't know_____
33. If the answer to no. 32 is 'No', then how much rent do you pay monthly:
    1. Nothing_____
    2. Up to 5 dinars_____
    3. From 5 - 10 dinars_____
    4. From 10 - 15 dinars_____
    5. 15 dinars and up_____
    9. Don't know_____

34. How many rooms in your house (excluding the kitchen, toilet and bathroom unless the kitchen is used as a bedroom)

_____

35. Does your house have:

| | Yes | No |
|---|---|---|
| Bathroom | _____ | _____ |
| Toilet | _____ | _____ |
| Refrigerator | _____ | _____ |
| Butane gas | _____ | _____ |

36. If there is a latrine in your house indicate the kind:

1. Latrine (soil ditch)_____
2. Latrine (cement)_____
3. Modern latrine with septic tank_____
9. Don't know_____

37. Source of water in the house:

1. Municipal tap in the house_____
2. Public tap in the village_____
3. Public spring in the village_____
4. Collection well_____
9. Other (specify)_____

38. Is there electricity in the house:

1. Yes_____
2. No_____
9. Not sure_____

39. Equipment and means of cooking in the house:

1. Wood fire_____
2. Kerosene_____
3. Butane gas_____
9. Other (specify)_____

40. Do you own a piece of land:

1. Yes_____
2. No_____
9. Don't know_____

41. If you own a piece of land, how many dunums:
(1 dunum = 1,000 sq.m.)
1. Up to 5 dunums_____
2. 5 - 9 dunums_____
3. 10 - 14 dunums_____
4. 15 - 19 dunums_____
5. 20 - 24 dunums_____
6. 25 - 29 dunums_____
7. 30 dunums and up_____ (register the quantity)
9. Don't know_____

42. Do you get any other income other than your monthly salary:
1. Yes_____
2. No_____
9. Don't know_____

43. Where was this child born:
1. House_____
2. Hospital_____
3. Other_____
9. Don't know_____

44. Who did the delivery:
1. The mother herself_____
2. An experienced woman in the village_____
3. Midwife or nurse_____
4. Doctor_____
5. Other (specify)_____
9. Don't know_____

45. Was this a single birth:
1. Yes_____
2. No_____
9. Don't know_____

46. If the answer to no. 45 is 'No', is the other child still living:

1. Yes_____
2. No_____
9. Don't know_____

47. Have you ever taken this child to the MCH centre:

1. Yes_____
2. No_____
9. Don't know_____

48. If the answer to no. 47 is 'Yes', how old was the child when he was first taken to the MCH centre:

1. Less than one month_____
2. 1 - 6 months_____
3. 6 - 12 months_____
4. Over one year_____
9. Don't know_____

49. Has this child ever been given a vaccination:

A. The triple injection (1) Yes_____ (2) No_____ (9) Don't know_____

If the answer is 'Yes', how many shots was he given:

B. Polio: (1) Yes_____ (2) No_____ (9) Don't know_____

C. B.C.G.: (1) Yes_____ (2) No_____ (9) Don't know_____

D. Smallpox: (1) Yes_____ (2) No_____ (9) Don't know_____

E. Measles: (1) Yes_____ (2) No_____ (9) Don't know_____

## CHILDREN'S DISEASES

50. Ask about all diseases:

A. Diarrhoea: (1) Current_____ (2) Recent_____ (3) Recurrent_____

B. Respiratory: (1) Current_____ (2) Recent_____ (3) Recurrent_____

C. Ear Discharge: (1) Current_____ (2) Recent_____ (3) Recurrent_____

If the answer is 'Yes' how many times a year does the ear discharge:

_____

D. Whooping cough: (1) Yes_____ (2) No_____ (9) Don't know_____

E. Measles: (1) Yes_____ (2) No_____ (9) Don't know_____

F. Mumps: (1) Yes_____ (2) No_____ (9) Don't know_____

G. Chicken pox: (1) Yes_____ (2) No_____ (9) Don't know_____

51. Has this child entered hospital during the last six months:

    1. Yes_____
    2. No_____
    9. Don't know_____

52. If the answer is 'Yes', what is the name of the disease:

    1._____
    2._____
    3._____
    9._____

53. Has this child been taken to a doctor, either to his surgery or the hospital (outpatients' department), or has a doctor visited the child when sick in his home during the last six months:

    1. Yes_____
    2. No_____
    9. Don't know_____

54. If the answer to no. 53 is 'Yes', specify the name of the disease:

    1._____
    2._____
    9._____

55. How many times have you visited the doctor during this period:

    _____

56. Do you think your child is:

    1. Fat_____
    2. Normal_____
    3. Skinny (thin)_____
    9. Don't know_____

    Don't ask: Report if child has a permanent disease or handicap and state what it is:

    _____
    _____
    _____

## FEEDING THE CHILD

Card No. 3 Serial No.____ ____ ____ ____ Serial No.

57. How long was this child fed by the mother:

1. He/she was never fed_____
2. Less than 6 months_____
3. From 7 - 12 months_____
4. From 13 to 18 months_____
5. From 25 months and up_____
9. Don't know_____

58. Does your child drink any other kind of milk (other than the mother's milk):

1. Yes_____
2. No_____
9. Don't know_____

59. If the answer to no. 58 is 'Yes', state the kind of milk:

1. Fresh cow's milk_____
2. Powdered full cream milk_____
3. Powdered half cream milk_____
4. Pasteurised milk_____
5. Evaporated milk_____
6. Other (specify kind and brand)_____
9. Don't know_____

(Brand_____)

60. Other than milk and juice, at what age did the child start to eat other kinds of food_____ months.

61. What was the first solid food the child was given other than milk and juice:

1._____
2._____
3._____
4._____
5._____
9._____

62. What was the weaning pattern:

1. Abrupt_____
2. Gradual_____
9. Don't know_____

63. At what age was the child completely weaned:

_____ months

64. What were the reasons for weaning:

1. Pregnancy of the mother_____
2. Sickness of the mother_____
3. Return of the mother to work_____
4. Cracked or painful nipples_____
5. Not enough milk_____
6. Sickness of the child_____
7. Child old enough to eat_____
9. Don't know_____

65. What were the means of weaning:

1. Painting the nipples_____
2. Hiding from the child for a day or two_____
3. Giving the child sedatives_____
4. Other_____
9. Don't know_____

Indicate the name of the substance used for painting the nipples:

1._____
2._____
3._____
4._____

66. Do you boil the water with which you prepare the formula:

1. Yes_____
2. No_____
9. Don't know_____

67. Do you boil the water used for drinking:

1. Yes_____
2. No_____
9. Don't know_____

68. Does your family receive milk donations:

1. Yes_____
2. No_____
9. Don't know_____

69.A. Do the older members of the family drink this milk:

1. Yes_____
2. No_____
9. Don't know_____

B. Do you sell this milk:

1. Yes_____
2. No_____
9. Don't know_____

C. Does the child drink this milk:

1. Yes_____
2. No_____
9. Don't know_____

70. The present food for this child includes (put '88' if you don't know the answer)

| Kind of food | Yes | No |
|---|---|---|
| 1. Milk | _____ | _____ |
| 2. Cereals (rice, Cerelac etc.) | _____ | _____ |
| 3. Fruits and vegetables | _____ | _____ |
| 4. Meat, chicken, fish | _____ | _____ |
| 5. Humus (WSB), fool (cooked beans) etc. | _____ | _____ |
| 6. Eggs | _____ | _____ |

71. Measurement of the mother:

Weight:_____Kg. _____gm.

Height:_____mm

72. Measurement of the child:

Weight_____Kg. _____gm.

Height (standing)_____mm

Length (supine)_____mm

Head circumference_____mm

Mid arm circumference_____mm

Skinfold thickness:

Triceps 1_____mm

2_____mm

Biceps 1_____mm

2_____mm

Subscapular 1_____mm

2_____mm

Suprailiac 1_____mm

2_____mm

## CLINICAL EXAMINATION

Serial no._____ _____ _____ _____

| | Yes | No |
|---|---|---|
| 73. Hair: | | |
| Lack of lustre | ____ | ____ |
| Thinness and sparseness | ____ | ____ |
| Dyspigmentation of Proximale | ____ | ____ |
| Easily pluckable | ____ | ____ |
| Pediculosis | ____ | ____ |
| 74. Face: | | |
| Moon face | ____ | ____ |
| Pallor | ____ | ____ |
| 75. Eyes: | | |
| Xerosis Conjunctiva | ____ | ____ |
| Xerophthalmia (Keratomalacia) | ____ | ____ |
| Bitots spots | ____ | ____ |
| Angular palpebritis | ____ | ____ |
| Pallor of mucous membranes | ____ | ____ |

| | | Yes | No |
|---|---|---|---|
| 76. | Lips: | | |
| | Angular Stamalitis, cheilosis | ____ | ____ |
| | Angular scars | ____ | ____ |
| | Pallor of mucous membrane | ____ | ____ |
| 77. | Tongue: | | |
| | Glossitis (scarlet and rowtongue) | ____ | ____ |
| | Atrophic Papillae | ____ | ____ |
| 78. | Teeth: | | |
| | Mottled enamel | ____ | ____ |
| | Dental Caries | ____ | ____ |
| 79. | Gums: | | |
| | Spongy bleeding gums | ____ | ____ |
| 80. | Glands: | | |
| | Thyroid enlargement | ____ | ____ |
| | Parotid enlargement | ____ | ____ |
| 81. | Skin: | | |
| | Xerosis | ____ | ____ |
| | Follicular hyperkeratosis | ____ | ____ |
| | Pellagrous dermatosis | ____ | ____ |
| | Flaky paint dermatosis | ____ | ____ |
| 82. | Subcutaneous Tissue: | | |
| | Reduced amount of fat | ____ | ____ |
| | Edema | ____ | ____ |
| 83. | Muscular and Skeletal System: | | |
| | Intramuscular or subcutaneous hematoma | ____ | ____ |
| | Cranictabes | ____ | ____ |
| | Frontal and parietal bossing | ____ | ____ |
| | Epiphyseal enlargement | ____ | ____ |
| | Beading of ribs | ____ | ____ |
| | Knock knees or bow legs | ____ | ____ |
| | Diffuse or local skeletal deformity | ____ | ____ |

| | | Yes | No |
|---|---|---|---|
| 84. | Gastrointestinal: | | |
| | Hepatomegaly | ____ | ____ |
| | Splenomegaly | ____ | ____ |
| | Ascites | ____ | ____ |
| 85. | Nervous: | | |
| | Psychomotor changes (apathy) | ____ | ____ |
| | Calf tenderness | ____ | ____ |
| 86. | Cardiovascular: | | |
| | Heart murmur | ____ | ____ |
| | Reduced pulse rate | ____ | ____ |
| | Scars | ____ | ____ |

## LABORATORY FINDINGS

87. Haemoglobin: ____ ____ ____ gm.

88. Haematocrit: ____ ____%

# APPENDIX II

## Measuring Procedure

### Weight

a. The child should be undressed, leaving only underpants. Please see that shoes and socks are removed before measurement.

b. Get the child to stand on the platform. In the case of smaller children who are incapable of standing without support, they should be placed on the pan fixed to the balance.

c. Adjust the weights on the lever arms, kilogrammes first and then grammes, until the pointer balances. Check again that the child is standing free.

d. Take the reading in kilogrammes and grammes to the nearest 50 grammes below and record, then release the child.

### Height (Children over 2 years of age will be measured by this technique)

a. Make sure that the child is not wearing shoes or socks.

b. Get the child to stand on the horizontal platform with the heels together touching the base plate, feet parallel to each other and pointing forwards, and the back of the child against the upright.

c. Make sure that the knees are straight and position the child's head so that the line between the lower border of the left orbit and the upper margin of the external auditory meatus (Frankfort plane) is horizontal.

d. Now ask the other fieldworker to stand directly in front of the child and to gently stretch the child as tall as possible, holding the child's head at each side over the mastoid process (just behind the ear). She should maintain her hold and keep the child stretched until the measurement has been taken.

e. Check that the child's heels are still on the platform and the Frankfort plane is horizontal.

f. Lower the headpiece to touch the child's head; take the reading to the nearest millimetre below on the counter and record.

g. If the portable equipment is used, once the headpiece rests on the child's head, its position can be fixed with the other hand.

Supine length (1) (All children between 1 and 3 years of age will be measured by this technique)

This is measured with the child lying supine. Portable equipment should rest on the floor before commencing measurements.

a. Get the child to lie with his/her face upwards on the platform.

b. Hold the child's head in the Frankfort plane and apply gentle traction to bring the top of the head into contact with the fixed headboard.

c. Ask the other fieldworker to hold the child's feet, toes pointing directly upwards, applying gentle traction and bring the moveable footboard to rest firmly against the child's heels. This manoeuvre should be done with the tip of the index finger on the constant pressure catch, so that when the correct pressure is exerted by the feet, the carriage gets automatically locked.

d. Take the reading to the nearest millimetre below, record and release the child.

Supine length (2) (Infants under 1 year of age will be measured by this technique)

a. Make sure that the child is not wearing socks or shoes.

b. Place the anthropometer horizontally on a flat surface.

c. Make sure that the thread carrying the weight is removed and the removeable plate in the carriage is placed so that the side with projections is facing the fixed board at the other end.

d. Now gently place the child, face upwards, on the smooth surface with his/her head towards the fixed board.

e. Hold the child's head in the Frankfort place and apply gentle traction to bring the top of the head into contact with the fixed headboard.

f. Now get the other fieldworker to hold the child's head with both hands with the two thumbs gripping the child's chin, the two index fingers just below the axilla and the other fingers around the head and neck, making sure that the child's shoulders are firmly fixed to the board. She should maintain gentle traction to keep the head fixed to the board.

g. Ensure that the child's body lies parallel to the long axis of the instrument and the Frankfort plane is vertical.

h. With the left hand, extend the child's right leg fully and hold the foot at right angles to the surface.

i. Move the carriage towards the child's foot with the tip of the right index finger on the constant pressure catch until the space between the two projections of the foot plate touches the child's heel.

j. When the correct pressure is applied on the foot plate the carriage automatically becomes locked.

k. Now take the reading to the nearest millimetre below and record. Release the child.

Head circumference

Steady the child's head and pass the tape around the head so that it passes horizontally over the eyebrows and the most prominent part at the back of the head. Take the reading to the nearest 0.1 cm below and record.

Mid-arm circumference

The subject (if able to stand) should be asked to stand with the left arm hanging freely (IBP 1969). Smaller children should be seated on the mother's lap (Jelliffe 1966). Stand on the left side of the subject and feel for the lower border of the acromial process of the scapula. This is easily located as the outermost and lowest border of the flat bony prominence over this point and run the tape down along the arm to touch the upper border of the olecranon process (the most prominent bony prominence on the back of the elbow joint). Read the distance between these two points and with a ballpoint pen mark the midpoint between them. The position of this mark can be referred to as the standard midpoint.

Make sure that the arm is hanging freely and run the tape round at the standard midpoint. This procedure should be done gently, so as to avoid compression of the soft tissue. Now read the arm circumference to the nearest millimetre below and record.

Triceps skinfold thickness

Positioning of the subject is as described under mid-arm circumference. Again, make sure the arm is hanging freely and pick up a skin fold parallel to the long

g. Ensure that the child's body lies parallel to the long axis of the instrument and the Frankfort plane is vertical.

h. With the left hand, extend the child's right leg fully and hold the foot at right angles to the surface.

i. Move the carriage towards the child's foot with the tip of the right index finger on the constant pressure catch until the space between the two projections of the foot plate touches the child's heel.

j. When the correct pressure is applied on the foot plate the carriage automatically becomes locked.

k. Now take the reading to the nearest millimetre below and record. Release the child.

Head circumference

Steady the child's head and pass the tape around the head so that it passes horizontally over the eyebrows and the most prominent part at the back of the head. Take the reading to the nearest 0.5 cm below and record.

Mid-arm circumference

The subject (if able to stand) should be asked to stand with the left arm hanging freely (IBP 1969). Smaller children should be seated on the mother's lap (Jelliffe 1966). Stand on the left side of the subject and feel for the lower border of the acromial process of the scapula. This is easily located as the outermost and lowest border of the flat bony prominence over this point and run the tape down along the arm to touch the upper border of the olecranon process (the most prominent bony prominence on the back of the elbow joint). Read the distance between these two points and with a ballpoint pen mark the midpoint between them. The position of this mark can be referred to as the standard midpoint.

Make sure that the arm is hanging freely and run the tape round at the standard midpoint. This procedure should be done gently, so as to avoid compression of the soft tissue. Now read the arm circumference to the nearest millimetre below and record.

Triceps skinfold thickness

Positioning of the subject is as described under mid-arm circumference. Again, make sure the arm is hanging freely and pick up a skin fold parallel to the long

axis of the arm with the thumb and forefinger of the left hand. This skinfold should be located 1 cm above the standard midpoint of the upper arm, directly in line with the point of the elbow, and care should be taken not to include the underlying muscles. Holding the calipers horizontally in the right hand, apply the jaws at exactly the level marked. When the full pressure of the caliper jaws is applied to the skinfold, wait for 2 seconds and note the reading to the nearest decimal millimetre below and record.

Repeat the procedure and record.

Biceps skinfold thickness

Get the subject to sit on a stool and place his/her arm on the thigh in the supinated position (arm rotated outwards). Now extend the standard midpoint to the anterior (front) aspect of the arm. Pick up the skinfold, as above, 1 cm above the midpoint, directly above the centre of the cubital fossa. Apply the calipers, wait for 2 seconds, and record the reading as above.

Repeat another measurement and record.

Subscapular skinfold thickness

Get the subject to sit on a stool with the chest bare. Stand behind the subject and feel for the inferior angle (lowest point) of the left scapula and pick up a fold of skin just below it, pointing slightly downwards and outwards. Apply the calipers, wait for 2 seconds and record as above. Repeat measurement and record.

Suprailiac skinfold thickness (Durnin and Rahaman 1967)

Feel for the iliac crest on the left side with the subject seated on a stool. Pick up a skinfold just above the iliac crest in the mid-axillary line. Apply the calipers 1 cm below, wait for 2 seconds, take the reading as above and record. Repeat the measurement and record.

## APPENDIX III

I Haemoglobin determination by cyanmethaemoglobin method (Cannon, 1958, Science, 127, 1376). In this method 0.02 ml of fresh or oxalated blood, obtained by finger or heel prick without squeezing is added to 4 ml of Drabkin's cyanide-ferricyanide solution, which acts as a preservative and which allows the resulting cyanmethaemoglobin to be estimated calorimetrically with an electrical photometer on return to hospital.

II Haematocrit estimation: A capillary tube of blood is centrifuged at 3000 r.p.m. on an electrical micro-haematocrit centrifuge to separate cells from plasma.

$$\text{Packed Cell Volume} = \left(\frac{\text{Height of cells}}{\text{Total height}}\right) \times 100 \quad \%$$

APPENDIX IV

COMPARISON OF MEAN WEIGHTS (1964) WITH MEAN WEIGHTS (1974)

| | 1964 | | 1974 | | |
|---|---|---|---|---|---|
| | No. | Mean | No. | Mean | |
| 0 - 6 | 153 | 5.600 | 165 | 5.69 | |
| 6 - 12 | 352 | 7.13 | 226 | 8.18 | |
| 12 - 18 | 290 | 8.74 | 201 | 9.42 | |
| 18 - 24 | 194 | 9.16 | 191 | 10.68 | |
| 24 - 30 | 147 | 10.07 | 170 | 11.50 | for 1974 |
| 30 - 36 | 84 | 10.88 | 175 | 12.53 | mean = 11.84 |
| 36 - 42 | 108 | 12.61 | 185 | 13.44 | S.D. = 3.211 |
| 42 - 48 | 38 | 13.68 | 168 | 14.66 | |
| 48 - 54 | 75 | 14.45 | 170 | 15.10 | |
| 54 - 60 | 27 | 15.66 | 127 | 15.91 | |
| 60 - 66 | 67 | 16.02 | 138 | 16.65 | |

It would not be correct to compare the populations as they stand because of the widely differing age structures. As we are given only the mean and S.D. for the whole populations. The best we can do is calculate a weighted mean for the first population (using the numbers in the age groups of the second population as the weights) and assume that the population S.D.'s will be equal. We then have the new overall mean (weighted) for 1964 = 10.93 and then:

$$t = \frac{\bar{X}_1 - \bar{X}_2}{S\sqrt{2/n}} = \frac{-0.91}{3.211\sqrt{2/1916}} = -8.77$$

This is still highly significant.

For the remaining tables, we obtain:

mean weights, females, $\bar{X}_1$ = 10.474, t = - 8.243

mean heights, males, $\bar{X}_1$ = 82.614, t = - 3.777

mean heights, females, $\bar{X}_1$ = 81.819, t = - 3.145

mean head circumference, males, $\bar{X}_1$ = 47.225, t = 5.918

mean head circumference, females, $\bar{X}_1$ = 46.320, t = 6.095

Thus all the recomputed values are significantly different with $P < 0.01$; in the case of head circumference, the earlier results are greater, in other cases, less.

These results are not completely reliable, due to the assumptions made in the method, but in view of the high levels of significance, the effects are almost certainly still real ones.

# APPENDIX V

## Special Instructions for Recording Illness History

1. Upper respiratory infection (URI): running nose, mild cough and fever.

2. Diarrhoea: A breastfed infant may pass a stool after each feed. Therefore 6-7 stools daily, if yellow and formed, are considered normal. An artificially fed infant usually passes 0-5 stools daily. The colour is light yellow. Consistency is soft and smell is not fetid.

   Diarrhoea: watery, green-coloured stools; 5-7 or more in 24 hours. Small or large in amount, with or without mucus and curds; with or without fever, with or without vomiting, with or without signs of dehydration.

   Current: during the last 24-48 hours
   Recent: during the last week
   Recurrent: more than three times during the last six months

## APPENDIX VI

CHILDREN'S WEIGHT (KG) BY AGE AND SEX 1

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 LESS 1 | 16 | 4.578 | 3.000 | 9.700 | 6.699 | 1.653 | 36.104 | 0.413 |
| 1 LESS 2 | 26 | 4.576 | 3.250 | 6.399 | 3.149 | 0.909 | 19.877 | 0.178 |
| 2 LESS 3 | 39 | 5.350 | 3.969 | 7.460 | 3.490 | 0.809 | 15.136 | 0.129 |
| 3 LESS 4 | 24 | 5.995 | 3.940 | 8.399 | 4.459 | 1.281 | 21.370 | 0.261 |
| 4 LESS 5 | 32 | 6.056 | 4.119 | 7.699 | 3.580 | 0.923 | 15.252 | 0.163 |
| 5 LESS 6 | 28 | 7.272 | 5.000 | 10.500 | 5.500 | 1.371 | 18.864 | 0.259 |
| 6 LESS 7 | 39 | 7.083 | 5.180 | 9.450 | 4.270 | 1.005 | 14.197 | 0.161 |
| 7 LESS 8 | 46 | 7.908 | 3.099 | 10.149 | 7.049 | 1.297 | 16.404 | 0.191 |
| 8 LESS 9 | 35 | 8.405 | 5.430 | 10.899 | 5.469 | 1.157 | 13.776 | 0.195 |
| 9 LESS 10 | 33 | 8.136 | 4.400 | 10.300 | 5.900 | 1.363 | 16.755 | 0.237 |
| 10 LESS 11 | 39 | 8.866 | 6.000 | 11.450 | 5.450 | 1.281 | 14.450 | 0.205 |
| 11 LESS 12 | 34 | 8.706 | 6.600 | 11.100 | 4.500 | 1.017 | 11.682 | 0.174 |

APPENDIX VI

CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 LESS 1 | 16 | 4.578 | 3.000 | 9.700 | 6.699 | 1.653 | 36.104 | 0.413 |
| 1 LESS 2 | 26 | 4.576 | 3.250 | 6.399 | 3.149 | 0.909 | 19.877 | 0.178 |
| 2 LESS 3 | 39 | 5.350 | 3.969 | 7.460 | 3.490 | 0.809 | 15.136 | 0.129 |
| 3 LESS 4 | 24 | 5.995 | 3.940 | 8.399 | 4.459 | 1.281 | 21.370 | 0.261 |
| 4 LESS 5 | 32 | 6.056 | 4.119 | 7.699 | 3.580 | 0.923 | 15.252 | 0.163 |
| 5 LESS 6 | 28 | 7.272 | 5.000 | 10.500 | 5.500 | 1.371 | 18.864 | 0.259 |
| 6 LESS 7 | 39 | 7.083 | 5.180 | 9.450 | 4.270 | 1.005 | 14.197 | 0.161 |
| 7 LESS 8 | 46 | 7.908 | 3.099 | 10.149 | 7.049 | 1.297 | 16.404 | 0.191 |
| 8 LESS 9 | 35 | 8.405 | 5.430 | 10.899 | 5.469 | 1.157 | 13.776 | 0.195 |
| 9 LESS 10 | 33 | 8.136 | 4.400 | 10.300 | 5.900 | 1.363 | 16.755 | 0.237 |
| 10 LESS 11 | 39 | 8.866 | 6.000 | 11.450 | 5.450 | 1.281 | 14.450 | 0.205 |
| 11 LESS 12 | 34 | 8.706 | 6.600 | 11.100 | 4.500 | 1.017 | 11.682 | 0.174 |

CHILDREN'S WEIGHT (KG) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 LESS 1 | 19 | 3.828 | 2.639 | 4.900 | 2.260 | 0.631 | 16.486 | 0.144 |
| 1 LESS 2 | 32 | 4.242 | 3.000 | 5.699 | 2.699 | 0.695 | 16.394 | 0.122 |
| 2 LESS 3 | 36 | 4.656 | 3.139 | 6.100 | 2.960 | 0.743 | 15.971 | 0.123 |
| 3 LESS 4 | 35 | 5.700 | 4.300 | 8.750 | 4.449 | 1.021 | 17.916 | 0.172 |
| 4 LESS 5 | 31 | 6.111 | 3.099 | 9.399 | 6.299 | 1.028 | 16.830 | 0.184 |
| 5 LESS 6 | 29 | 6.705 | 5.050 | 9.399 | 4.349 | 1.035 | 15.447 | 0.192 |
| 6 LESS 7 | 25 | 6.884 | 4.449 | 8.350 | 3.900 | 0.837 | 12.161 | 0.167 |
| 7 LESS 8 | 35 | 7.537 | 6.000 | 9.899 | 3.899 | 0.883 | 11.718 | 0.149 |
| 8 LESS 9 | 26 | 7.650 | 4.650 | 11.200 | 6.550 | 1.320 | 17.255 | 0.258 |
| 9 LESS 10 | 36 | 7.879 | 6.199 | 9.399 | 3.199 | 0.841 | 10.679 | 0.140 |
| 10 LESS 11 | 26 | 8.249 | 4.949 | 10.700 | 5.750 | 1.086 | 13.173 | 0.213 |
| 11 LESS 12 | 29 | 8.092 | 5.225 | 9.899 | 4.674 | 1.055 | 13.043 | 0.196 |

CHILDREN'S WEIGHT (KG) BY (SEX COMBINED) 3

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 35 | 4.171 | 7.060 | 1.248 | 29.940 | 0.211 |
| 1 LESS 2 | 58 | 4.392 | 3.399 | 0.808 | 18.415 | 0.106 |
| 2 LESS 3 | 75 | 5.017 | 4.320 | 0.848 | 16.913 | 0.097 |
| 3 LESS 4 | 59 | 5.820 | 4.809 | 1.133 | 19.466 | 0.147 |
| 4 LESS 5 | 63 | 6.083 | 6.299 | 0.969 | 15.932 | 0.122 |
| 5 LESS 6 | 57 | 6.983 | 5.500 | 1.235 | 17.686 | 0.163 |
| 6 LESS 7 | 64 | 7.005 | 5.000 | 0.941 | 13.441 | 0.117 |
| 7 LESS 8 | 81 | 7.748 | 7.049 | 1.145 | 14.786 | 0.127 |
| 8 LESS 9 | 61 | 8.083 | 6.550 | 1.275 | 15.782 | 0.163 |
| 9 LESS 10 | 69 | 8.002 | 5.900 | 1.120 | 14.003 | 0.134 |
| 10 LESS 11 | 65 | 8.619 | 6.500 | 1.236 | 14.345 | 0.153 |
| 11 LESS 12 | 63 | 8.423 | 5.875 | 1.071 | 12.724 | 0.135 |

MEAN WEIGHT INCREMENT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0 LESS 1 | 4.578 | 3.828 |
| 1 LESS 2 | -0.001 | 0.413 |
| 2 LESS 3 | 0.773 | 0.414 |
| 3 LESS 4 | 0.645 | 1.043 |
| 4 LESS 5 | 0.060 | 0.411 |
| 5 LESS 6 | 1.216 | 0.593 |
| 6 LESS 7 | -0.188 | 0.178 |
| 7 LESS 8 | 0.825 | 0.653 |
| 8 LESS 9 | 0.496 | 0.113 |
| 9 LESS 10 | -0.269 | 0.228 |
| 10 LESS 11 | 0.730 | 0.369 |
| 11 LESS 12 | -0.160 | -0.156 |

CHILDREN'S HEIGHT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 LESS 1 | 16 | 55.262 | 47.500 | 74.199 | 26.699 | 6.389 | 11.562 | 1.597 |
| 1 LESS 2 | 26 | 55.007 | 44.599 | 65.300 | 20.700 | 4.384 | 7.969 | 0.859 |
| 2 LESS 3 | 39 | 58.382 | 53.199 | 66.000 | 12.799 | 2.951 | 5.055 | 0.472 |
| 3 LESS 4 | 24 | 61.070 | 53.000 | 69.100 | 16.100 | 4.260 | 6.975 | 0.869 |
| 4 LESS 5 | 32 | 62.500 | 55.699 | 68.400 | 12.700 | 2.951 | 4.722 | 0.521 |
| 5 LESS 6 | 28 | 66.185 | 60.199 | 79.199 | 18.999 | 3.892 | 5.881 | 0.735 |
| 6 LESS 7 | 39 | 65.779 | 55.699 | 71.900 | 16.200 | 3.162 | 4.807 | 0.506 |
| 7 LESS 8 | 46 | 67.834 | 61.500 | 91.000 | 29.499 | 4.783 | 7.051 | 0.705 |
| 8 LESS 9 | 35 | 68.700 | 62.800 | 73.100 | 10.299 | 2.020 | 2.940 | 0.341 |
| 9 LESS 10 | 33 | 69.442 | 59.199 | 76.000 | 16.799 | 3.230 | 4.652 | 0.562 |
| 10 LESS 11 | 40 | 70.772 | 64.900 | 76.199 | 11.299 | 2.285 | 3.228 | 0.361 |
| 11 LESS 12 | 34 | 71.052 | 68.400 | 76.900 | 8.500 | 2.338 | 3.291 | 0.401 |

CHILDREN'S HEIGHT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 LESS 1 | 19 | 52.068 | 39.400 | 56.800 | 17.400 | 3.841 | 7.377 | 0.881 |
| 1 LESS 2 | 32 | 54.803 | 50.800 | 63.199 | 12.399 | 2.654 | 4.844 | 0.469 |
| 2 LESS 3 | 36 | 56.252 | 50.300 | 60.099 | 9.799 | 2.224 | 3.955 | 0.370 |
| 3 LESS 4 | 35 | 59.694 | 54.099 | 68.800 | 14.699 | 3.030 | 5.076 | 0.512 |
| 4 LESS 5 | 31 | 61.512 | 57.000 | 66.900 | 9.900 | 2.382 | 3.872 | 0.427 |
| 5 LESS 6 | 29 | 63.279 | 55.699 | 77.300 | 21.600 | 4.147 | 6.554 | 0.770 |
| 6 LESS 7 | 25 | 64.480 | 56.800 | 69.300 | 12.499 | 2.406 | 3.732 | 0.481 |
| 7 LESS 8 | 34 | 65.629 | 59.300 | 73.199 | 13.699 | 3.749 | 5.712 | 0.642 |
| 8 LESS 9 | 27 | 66.548 | 56.000 | 71.699 | 15.699 | 3.999 | 6.010 | 0.769 |
| 9 LESS 10 | 36 | 68.366 | 59.800 | 76.400 | 16.600 | 3.617 | 5.291 | 0.602 |
| 10 LESS 11 | 26 | 68.838 | 54.400 | 73.600 | 19.200 | 3.355 | 4.874 | 0.658 |
| 11 LESS 12 | 29 | 70.255 | 63.099 | 75.000 | 11.899 | 2.877 | 4.096 | 0.534 |

CHILDREN'S HEIGHT (CM) BY AGE (SEX COMBINED) 7

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 35 | 53.528 | 34.799 | 5.331 | 9.960 | 0.901 |
| 1 LESS 2 | 58 | 54.894 | 20.700 | 3.503 | 6.381 | 0.460 |
| 2 LESS 3 | 75 | 57.360 | 15.699 | 2.821 | 4.919 | 0.325 |
| 3 LESS 4 | 59 | 60.254 | 16.100 | 3.611 | 5.994 | 0.470 |
| 4 LESS 5 | 63 | 62.014 | 12.700 | 2.710 | 4.371 | 0.341 |
| 5 LESS 6 | 57 | 64.707 | 23.499 | 4.249 | 6.566 | 0.562 |
| 6 LESS 7 | 64 | 65.271 | 16.200 | 2.940 | 4.504 | 0.367 |
| 7 LESS 8 | 80 | 66.897 | 31.499 | 4.484 | 6.703 | 0.501 |
| 8 LESS 9 | 62 | 67.762 | 17.100 | 3.201 | 4.724 | 0.406 |
| 9 LESS 10 | 69 | 68.881 | 17.200 | 3.455 | 5.016 | 0.415 |
| 10 LESS 11 | 66 | 70.010 | 21.799 | 2.893 | 4.132 | 0.356 |
| 11 LESS 12 | 63 | 70.685 | 13.800 | 2.610 | 3.692 | 0.328 |

MEAN HEIGHT INCREMENT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0 LESS 1 | 55.262 | 52.068 |
| 1 LESS 2 | -0.254 | 2.734 |
| 2 LESS 3 | 3.374 | 1.449 |
| 3 LESS 4 | 2.688 | 3.441 |
| 4 LESS 5 | 1.429 | 1.818 |
| 5 LESS 6 | 3.685 | 1.766 |
| 6 LESS 7 | -0.406 | 1.200 |
| 7 LESS 8 | 2.055 | 1.149 |
| 8 LESS 9 | 0.865 | 0.918 |
| 9 LESS 10 | 0.742 | 1.818 |
| 10 LESS 11 | 1.330 | 0.471 |
| 11 LESS 12 | 0.280 | 1.416 |

MEAN WEIGHT/HEIGHT RATIO (KG/CM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 LESS 1 | 16 | 0.081 | 0.058 | 0.130 | 0.072 | 0.017 | 22.070 | 0.004 |
| 1 LESS 2 | 26 | 0.082 | 0.063 | 0.108 | 0.044 | 0.011 | 14.119 | 0.002 |
| 2 LESS 3 | 39 | 0.091 | 0.070 | 0.116 | 0.046 | 0.011 | 12.167 | 0.001 |
| 3 LESS 4 | 24 | 0.097 | 0.072 | 0.131 | 0.058 | 0.016 | 16.822 | 0.003 |
| 4 LESS 5 | 32 | 0.096 | 0.069 | 0.117 | 0.048 | 0.012 | 12.660 | 0.002 |
| 5 LESS 6 | 28 | 0.109 | 0.080 | 0.135 | 0.055 | 0.015 | 14.223 | 0.002 |
| 6 LESS 7 | 38 | 0.106 | 0.077 | 0.138 | 0.060 | 0.012 | 11.823 | 0.002 |
| 7 LESS 8 | 45 | 0.116 | 0.043 | 0.150 | 0.107 | 0.018 | 15.655 | 0.002 |
| 8 LESS 9 | 35 | 0.122 | 0.077 | 0.149 | 0.071 | 0.015 | 12.681 | 0.002 |
| 9 LESS 10 | 33 | 0.116 | 0.074 | 0.146 | 0.072 | 0.016 | 14.548 | 0.002 |
| 10 LESS 11 | 39 | 0.125 | 0.088 | 0.161 | 0.073 | 0.016 | 13.076 | 0.002 |
| 11 LESS 12 | 34 | 0.122 | 0.095 | 0.148 | 0.053 | 0.012 | 10.209 | 0.002 |

MEAN WEIGHT/HEIGHT RATIO (KG/CM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 LESS 1 | 19 | 0.073 | 0.051 | 0.086 | 0.034 | 0.008 | 11.908 | 0.002 |
| 1 LESS 2 | 32 | 0.077 | 0.058 | 0.103 | 0.044 | 0.010 | 13.525 | 0.001 |
| 2 LESS 3 | 36 | 0.082 | 0.058 | 0.102 | 0.043 | 0.011 | 13.677 | 0.001 |
| 3 LESS 4 | 35 | 0.095 | 0.072 | 0.128 | 0.055 | 0.013 | 13.834 | 0.002 |
| 4 LESS 5 | 31 | 0.093 | 0.052 | 0.160 | 0.107 | 0.016 | 16.345 | 0.002 |
| 5 LESS 6 | 29 | 0.105 | 0.084 | 0.153 | 0.068 | 0.014 | 13.498 | 0.002 |
| 6 LESS 7 | 25 | 0.106 | 0.078 | 0.128 | 0.050 | 0.011 | 10.365 | 0.002 |
| 7 LESS 8 | 34 | 0.115 | 0.099 | 0.152 | 0.053 | 0.011 | 9.823 | 0.001 |
| 8 LESS 9 | 26 | 0.114 | 0.083 | 0.156 | 0.073 | 0.015 | 13.121 | 0.002 |
| 9 LESS 10 | 36 | 0.115 | 0.095 | 0.133 | 0.037 | 0.010 | 8.756 | 0.001 |
| 10 LESS 11 | 26 | 0.119 | 0.090 | 0.156 | 0.065 | 0.013 | 11.154 | 0.002 |
| 11 LESS 12 | 29 | 0.115 | 0.082 | 0.136 | 0.053 | 0.013 | 11.494 | 0.002 |

MEAN EEIGHT/HEIGHT INCREMENT (KG/CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN



| AGE GROUP (MONTH) | MEAN VALUES MALES | MEAN VALUES FEMALES |
|---|---|---|
| 0 LESS 1 | 0.081 | 0.073 |
| 1 LESS 2 | 0.001 | 0.003 |
| 2 LESS 3 | 0.008 | 0.005 |
| 3 LESS 4 | 0.006 | 0.012 |
| 4 LESS 5 | -0.000 | 0.004 |
| 5 LESS 6 | 0.012 | 0.006 |
| 6 LESS 7 | -0.002 | 0.000 |
| 7 LESS 8 | 0.009 | 0.008 |
| 8 LESS 9 | 0.005 | -0.000 |
| 9 LESS 10 | -0.005 | 0.000 |
| 10 LESS 11 | 0.008 | 0.004 |
| 11 LESS 12 | -0.002 | -0.004 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 LESS 1 | 16 | 37.343 | 33.700 | 45.400 | 11.699 | 2.739 | 7.336 | 0.684 |
| 1 LESS 2 | 26 | 37.765 | 34.500 | 41.000 | 6.500 | 1.432 | 3.793 | 0.280 |
| 2 LESS 3 | 39 | 39.366 | 35.099 | 47.300 | 12.200 | 2.138 | 5.431 | 0.342 |
| 3 LESS 4 | 24 | 40.129 | 35.300 | 45.400 | 10.100 | 2.313 | 5.765 | 0.472 |
| 4 LESS 5 | 32 | 41.567 | 38.000 | 51.500 | 13.500 | 2.736 | 6.579 | 0.483 |
| 5 LESS 6 | 28 | 42.574 | 39.599 | 48.000 | 8.400 | 1.804 | 4.238 | 0.341 |
| 6 LESS 7 | 40 | 42.754 | 40.200 | 46.099 | 5.899 | 1.385 | 3.241 | 0.219 |
| 7 LESS 8 | 47 | 43.470 | 40.000 | 49.000 | 9.000 | 1.565 | 3.600 | 0.228 |
| 8 LESS 9 | 35 | 44.397 | 41.200 | 48.500 | 7.299 | 1.459 | 3.286 | 0.246 |
| 9 LESS 10 | 33 | 44.121 | 39.000 | 48.300 | 9.300 | 1.694 | 3.839 | 0.294 |
| 10 LESS 11 | 40 | 43.174 | 41.500 | 49.000 | 7.500 | 1.718 | 3.803 | 0.271 |
| 11 LESS 12 | 34 | 44.841 | 40.400 | 48.500 | 8.100 | 1.581 | 3.527 | 0.271 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 LESS 1 | 19 | 36.126 | 34.200 | 38.300 | 4.099 | 1.269 | 3.513 | 0.291 |
| 1 LESS 2 | 32 | 37.224 | 34.000 | 44.500 | 10.500 | 2.065 | 5.549 | 0.365 |
| 2 LESS 3 | 36 | 38.049 | 35.500 | 44.500 | 9.000 | 1.736 | 4.562 | 0.287 |
| 3 LESS 4 | 35 | 39.911 | 36.099 | 49.099 | 13.000 | 2.634 | 6.601 | 0.445 |
| 4 LESS 5 | 31 | 40.722 | 38.000 | 48.200 | 10.200 | 2.288 | 5.620 | 0.411 |
| 5 LESS 6 | 29 | 40.989 | 37.000 | 46.800 | 9.800 | 1.744 | 4.255 | 0.323 |
| 6 LESS 7 | 25 | 41.500 | 38.400 | 45.099 | 6.699 | 1.372 | 3.306 | 0.274 |
| 7 LESS 8 | 35 | 42.228 | 38.599 | 46.099 | 7.500 | 1.479 | 3.504 | 0.250 |
| 8 LESS 9 | 27 | 42.340 | 37.700 | 45.300 | 7.599 | 1.997 | 4.716 | 0.384 |
| 9 LESS 10 | 36 | 42.988 | 40.200 | 47.500 | 7.299 | 1.542 | 3.588 | 0.257 |
| 10 LESS 11 | 26 | 43.092 | 36.599 | 46.800 | 10.200 | 1.943 | 4.511 | 0.381 |
| 11 LESS 12 | 29 | 43.506 | 40.200 | 45.700 | 5.500 | 1.314 | 3.022 | 0.244 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN



| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 35 | 36.682 | 11.699 | 2.131 | 5.810 | 0.360 |
| 1 LESS 2 | 58 | 37.467 | 10.500 | 1.815 | 4.844 | 0.238 |
| 2 LESS 3 | 75 | 38.734 | 12.200 | 2.052 | 5.297 | 0.236 |
| 3 LESS 4 | 59 | 39.999 | 13.799 | 2.490 | 6.226 | 0.324 |
| 4 LESS 5 | 63 | 41.161 | 13.500 | 2.543 | 6.178 | 0.320 |
| 5 LESS 6 | 57 | 41.768 | 11.000 | 1.931 | 4.623 | 0.255 |
| 6 LESS 7 | 65 | 42.272 | 7.699 | 1.501 | 3.552 | 0.186 |
| 7 LESS 8 | 82 | 42.940 | 10.400 | 1.640 | 3.821 | 0.181 |
| 8 LESS 9 | 62 | 43.501 | 10.799 | 1.986 | 4.566 | 0.252 |
| 9 LESS 10 | 69 | 43.530 | 9.300 | 1.703 | 3.912 | 0.205 |
| 10 LESS 11 | 66 | 44.394 | 12.400 | 2.067 | 4.662 | 0.254 |
| 11 LESS 12 | 63 | 44.226 | 8.299 | 1.600 | 3.618 | 0.201 |

MEAN HEAD CIRCUMFERNCE INCREMENT (CM) BY AGE AND SEX 

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | MEAN VALUES FEMALES |
|---|---|---|
| 0 LESS 1 | 37.343 | 36.126 |
| 1 LESS 2 | 0.421 | 1.098 |
| 2 LESS 3 | 1.601 | 0.824 |
| 3 LESS 4 | 0.762 | 1.861 |
| 4 LESS 5 | 1.458 | 0.811 |
| 5 LESS 6 | 0.987 | 0.267 |
| 6 LESS 7 | 0.180 | 0.510 |
| 7 LESS 8 | 0.715 | 0.728 |
| 8 LESS 9 | 0.926 | 0.112 |
| 9 LESS 10 | -0.275 | 0.648 |
| 10 LESS 11 | 1.053 | 0.103 |
| 11 LESS 12 | -0.333 | 0.414 |

CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 LESS 1 | 16 | 11.799 | 9.300 | 14.000 | 4.699 | 1.276 | 10.817 | 0.319 |
| 1 LESS 2 | 25 | 11.379 | 8.500 | 14.000 | 5.500 | 1.542 | 13.554 | 0.308 |
| 2 LESS 3 | 39 | 12.379 | 10.399 | 15.500 | 5.100 | 1.124 | 9.082 | 0.180 |
| 3 LESS 4 | 24 | 12.762 | 10.000 | 15.500 | 5.500 | 1.449 | 11.356 | 0.295 |
| 4 LESS 5 | 32 | 12.559 | 9.399 | 15.000 | 5.600 | 1.480 | 11.780 | 0.261 |
| 5 LESS 6 | 28 | 12.989 | 9.399 | 15.200 | 5.800 | 1.452 | 11.184 | 0.274 |
| 6 LESS 7 | 40 | 13.297 | 9.500 | 16.700 | 7.199 | 1.504 | 11.316 | 0.237 |
| 7 LESS 8 | 47 | 13.772 | 11.200 | 16.100 | 4.900 | 1.162 | 8.440 | 0.169 |
| 8 LESS 9 | 35 | 14.002 | 11.399 | 16.500 | 5.099 | 1.391 | 9.938 | 0.235 |
| 9 LESS 10 | 33 | 13.681 | 10.500 | 16.000 | 5.500 | 1.360 | 9.943 | 0.236 |
| 10 LESS 11 | 40 | 14.074 | 11.000 | 17.000 | 5.999 | 1.275 | 9.059 | 0.201 |
| 11 LESS 12 | 34 | 13.964 | 12.300 | 16.500 | 4.199 | 0.992 | 7.110 | 0.170 |

CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 LESS 1 | 19 | 10.484 | 8.000 | 12.200 | 4.200 | 1.134 | 10.820 | 0.260 |
| 1 LESS 2 | 32 | 11.237 | 9.500 | 14.000 | 4.500 | 1.258 | 11.203 | 0.222 |
| 2 LESS 3 | 36 | 11.794 | 8.800 | 17.400 | 8.600 | 1.491 | 12.645 | 0.248 |
| 3 LESS 4 | 35 | 12.559 | 11.000 | 16.500 | 5.499 | 1.208 | 9.618 | 0.204 |
| 4 LESS 5 | 31 | 12.916 | 10.200 | 17.000 | 6.799 | 1.432 | 11.089 | 0.257 |
| 5 LESS 6 | 29 | 12.824 | 10.500 | 15.000 | 4.500 | 1.073 | 8.369 | 0.199 |
| 6 LESS 7 | 25 | 12.835 | 10.500 | 15.200 | 4.700 | 1.166 | 9.087 | 0.233 |
| 7 LESS 8 | 35 | 13.365 | 11.200 | 15.500 | 4.300 | 1.144 | 8.563 | 0.193 |
| 8 LESS 9 | 27 | 13.214 | 11.000 | 15.000 | 4.000 | 1.063 | 8.048 | 0.204 |
| 9 LESS 10 | 34 | 13.702 | 11.500 | 16.500 | 4.999 | 1.121 | 8.180 | 0.192 |
| 10 LESS 11 | 26 | 13.719 | 12.000 | 16.000 | 4.000 | 1.151 | 8.392 | 0.225 |
| 11 LESS 12 | 29 | 13.558 | 12.000 | 16.000 | 4.000 | 1.133 | 8.359 | 0.210 |

MEAN ARM CIRCUMFERENCE (CM) INCREMENT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | MEAN VALUES FEMALES |
|---|---|---|
| 0 LESS 1 | 11.799 | 10.484 |
| 1 LESS 2 | -0.420 | 0.753 |
| 2 LESS 3 | 0.999 | 0.556 |
| 3 LESS 4 | 0.383 | 0.765 |
| 4 LESS 5 | -0.203 | 0.356 |
| 5 LESS 6 | 0.429 | -0.091 |
| 6 LESS 7 | 0.308 | 0.011 |
| 7 LESS 8 | 0.474 | 0.529 |
| 8 LESS 9 | 0.230 | -0.150 |
| 9 LESS 10 | -0.321 | 0.488 |
| 10 LESS 11 | 0.393 | 0.016 |
| 11 LESS 12 | -0.110 | -0.160 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN



| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 LESS 1 | 16 | 5.349 | 3.200 | 7.000 | 3.799 | 0.983 | 18.390 | 0.245 |
| 1 LESS 2 | 26 | 5.811 | 2.800 | 11.500 | 8.699 | 2.023 | 34.819 | 0.396 |
| 2 LESS 3 | 39 | 6.443 | 4.000 | 11.399 | 7.399 | 1.434 | 22.262 | 0.229 |
| 3 LESS 4 | 24 | 6.624 | 4.199 | 11.500 | 7.300 | 1.885 | 28.452 | 0.384 |
| 4 LESS 5 | 32 | 6.753 | 3.000 | 11.000 | 7.999 | 2.047 | 30.312 | 0.361 |
| 5 LESS 6 | 28 | 7.142 | 3.400 | 9.800 | 6.400 | 1.722 | 24.120 | 0.325 |
| 6 LESS 7 | 40 | 6.699 | 2.800 | 10.200 | 7.399 | 1.721 | 25.700 | 0.272 |
| 7 LESS 8 | 47 | 7.740 | 4.500 | 13.000 | 8.500 | 2.242 | 28.973 | 0.327 |
| 8 LESS 9 | 34 | 7.614 | 3.599 | 13.200 | 9.600 | 1.924 | 25.269 | 0.329 |
| 9 LESS 10 | 33 | 7.112 | 4.199 | 13.500 | 9.300 | 1.908 | 26.836 | 0.332 |
| 10 LESS 11 | 40 | 7.237 | 4.800 | 9.800 | 5.000 | 1.414 | 19.541 | 0.223 |
| 11 LESS 12 | 34 | 6.447 | 4.400 | 12.000 | 7.599 | 1.529 | 23.727 | 0.262 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN



| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 LESS 1 | 18 | 4.444 | 2.400 | 7.199 | 4.800 | 1.449 | 32.616 | 0.341 |
| 1 LESS 2 | 31 | 5.799 | 3.200 | 10.200 | 7.000 | 2.016 | 34.768 | 0.362 |
| 2 LESS 3 | 36 | 5.644 | 3.000 | 8.200 | 5.199 | 1.305 | 23.120 | 0.217 |
| 3 LESS 4 | 35 | 7.137 | 3.599 | 11.399 | 7.799 | 1.980 | 27.747 | 0.334 |
| 4 LESS 5 | 31 | 7.058 | 4.000 | 11.500 | 7.499 | 1.910 | 27.075 | 0.343 |
| 5 LESS 6 | 29 | 7.331 | 4.000 | 13.500 | 9.500 | 2.508 | 34.218 | 0.465 |
| 6 LESS 7 | 24 | 6.899 | 4.600 | 10.000 | 5.399 | 1.352 | 19.603 | 0.276 |
| 7 LESS 8 | 35 | 7.125 | 5.000 | 12.399 | 7.399 | 1.869 | 26.242 | 0.316 |
| 8 LESS 9 | 27 | 6.418 | 2.400 | 10.500 | 8.100 | 1.712 | 26.682 | 0.329 |
| 9 LESS 10 | 36 | 7.199 | 4.000 | 12.200 | 8.200 | 1.858 | 25.811 | 0.309 |
| 10 LESS 11 | 26 | 6.442 | 4.800 | 11.399 | 6.599 | 1.431 | 22.223 | 0.280 |
| 11 LESS 12 | 29 | 6.493 | 4.000 | 9.500 | 5.499 | 1.435 | 22.104 | 0.266 |

CHILDREN'S TRICEPS SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)



CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 34 | 4.870 | 4.800 | 1.316 | 27.028 | 0.225 |
| 1 LESS 2 | 57 | 5.805 | 8.699 | 2.001 | 34.479 | 0.265 |
| 2 LESS 3 | 75 | 6.059 | 8.399 | 1.422 | 23.475 | 0.164 |
| 3 LESS 4 | 59 | 6.928 | 7.899 | 1.942 | 28.031 | 0.252 |
| 4 LESS 5 | 63 | 6.903 | 8.500 | 1.971 | 28.555 | 0.248 |
| 5 LESS 6 | 57 | 7.238 | 10.100 | 2.141 | 29.586 | 0.283 |
| 6 LESS 7 | 64 | 6.774 | 7.399 | 1.585 | 23.398 | 0.198 |
| 7 LESS 8 | 82 | 7.478 | 8.500 | 2.101 | 28.106 | 0.232 |
| 8 LESS 9 | 61 | 7.085 | 10.800 | 1.914 | 27.024 | 0.245 |
| 9 LESS 10 | 69 | 7.157 | 9.500 | 1.869 | 26.113 | 0.225 |
| 10 LESS 11 | 66 | 6.924 | 6.599 | 1.463 | 21.136 | 0.180 |
| 11 LESS 12 | 63 | 6.468 | 7.999 | 1.475 | 22.807 | 0.185 |

MEAN TRICEPS SKINFOLD THICKNESS INCREMENT (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | MEAN VALUES FEMALES |
|---|---|---|
| 0 LESS 1 | 5.349 | 4.444 |
| 1 LESS 2 | 0.461 | 1.355 |
| 2 LESS 3 | 0.632 | -0.155 |
| 3 LESS 4 | 0.181 | 1.492 |
| 4 LESS 5 | 0.128 | -0.079 |
| 5 LESS 6 | 0.389 | 0.272 |
| 6 LESS 7 | -0.442 | -0.431 |
| 7 LESS 8 | 1.040 | 0.225 |
| 8 LESS 9 | -0.125 | -0.707 |
| 9 LESS 10 | -0.502 | 0.781 |
| 10 LESS 11 | 0.125 | -0.757 |
| 11 LESS 12 | -0.790 | 0.050 |

MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN



| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 LESS 1 | 16 | 3.862 | 2.800 | 5.000 | 2.199 | 0.627 | 16.233 | 0.156 |
| 1 LESS 2 | 26 | 4.415 | 2.200 | 7.000 | 4.800 | 1.231 | 27.890 | 0.241 |
| 2 LESS 3 | 39 | 4.466 | 3.400 | 6.500 | 3.099 | 0.844 | 18.915 | 0.135 |
| 3 LESS 4 | 24 | 4.137 | 3.000 | 6.500 | 3.500 | 0.912 | 22.057 | 0.186 |
| 4 LESS 5 | 32 | 4.343 | 2.400 | 7.399 | 5.000 | 1.195 | 27.513 | 0.211 |
| 5 LESS 6 | 28 | 4.364 | 2.200 | 7.399 | 5.199 | 1.107 | 25.386 | 0.209 |
| 6 LESS 7 | 40 | 4.349 | 2.400 | 7.800 | 5.400 | 1.141 | 26.247 | 0.180 |
| 7 LESS 8 | 47 | 4.789 | 3.000 | 8.200 | 5.199 | 1.405 | 29.348 | 0.205 |
| 8 LESS 9 | 34 | 4.708 | 3.000 | 10.000 | 6.999 | 1.517 | 32.217 | 0.260 |
| 9 LESS 10 | 33 | 3.933 | 2.000 | 5.400 | 3.400 | 0.751 | 19.096 | 0.130 |
| 10 LESS 11 | 40 | 4.254 | 2.400 | 6.400 | 4.000 | 0.912 | 21.447 | 0.144 |
| 11 LESS 12 | 34 | 3.897 | 2.599 | 5.000 | 2.400 | 0.557 | 14.314 | 0.095 |

MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 LESS 1 | 18 | 3.377 | 2.000 | 5.000 | 2.999 | 0.848 | 25.111 | 0.199 |
| 1 LESS 2 | 31 | 4.019 | 2.400 | 7.500 | 5.100 | 1.186 | 29.580 | 0.213 |
| 2 LESS 3 | 36 | 3.994 | 2.200 | 6.199 | 3.999 | 1.075 | 26.936 | 0.179 |
| 3 LESS 4 | 35 | 4.897 | 2.800 | 7.600 | 4.800 | 1.241 | 25.343 | 0.209 |
| 4 LESS 5 | 31 | 4.103 | 2.400 | 6.199 | 3.799 | 0.995 | 24.269 | 0.178 |
| 5 LESS 6 | 29 | 4.358 | 2.800 | 7.399 | 4.599 | 1.108 | 25.434 | 0.205 |
| 6 LESS 7 | 25 | 4.271 | 2.300 | 5.800 | 3.500 | 0.960 | 22.476 | 0.192 |
| 7 LESS 8 | 35 | 4.222 | 3.000 | 8.800 | 5.800 | 1.053 | 24.956 | 0.178 |
| 8 LESS 9 | 27 | 4.385 | 2.000 | 8.800 | 6.800 | 1.570 | 35.821 | 0.302 |
| 9 LESS 10 | 36 | 4.505 | 2.800 | 8.500 | 5.699 | 1.121 | 24.902 | 0.186 |
| 10 LESS 11 | 26 | 4.488 | 3.200 | 10.200 | 7.000 | 1.554 | 34.631 | 0.304 |
| 11 LESS 12 | 29 | 4.266 | 2.800 | 7.000 | 4.199 | 1.133 | 26.562 | 0.210 |

CHILDREN'S BICEPS SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)



CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 34 | 3.605 | 2.999 | 0.780 | 21.653 | 0.133 |
| 1 LESS 2 | 57 | 4.199 | 5.300 | 1.214 | 28.906 | 0.160 |
| 2 LESS 3 | 75 | 4.239 | 4.300 | 0.985 | 23.234 | 0.113 |
| 3 LESS 4 | 59 | 4.588 | 4.600 | 1.172 | 25.556 | 0.152 |
| 4 LESS 5 | 63 | 4.225 | 5.000 | 1.099 | 26.019 | 0.138 |
| 5 LESS 6 | 57 | 4.361 | 5.199 | 1.098 | 25.183 | 0.145 |
| 6 LESS 7 | 65 | 4.319 | 5.500 | 1.068 | 24.733 | 0.132 |
| 7 LESS 8 | 82 | 4.547 | 5.800 | 1.291 | 28.397 | 0.142 |
| 8 LESS 9 | 61 | 4.565 | 7.999 | 1.536 | 33.657 | 0.196 |
| 9 LESS 10 | 69 | 4.231 | 6.499 | 0.996 | 23.586 | 0.120 |
| 10 LESS 11 | 66 | 4.346 | 7.800 | 1.200 | 27.626 | 0.147 |
| 11 LESS 12 | 63 | 4.068 | 4.400 | 0.883 | 21.726 | 0.111 |

MEAN BICEPS SKINFOLD THICKNESS INCREMENT (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0 LESS 1 | 3.862 | 3.377 |
| 1 LESS 2 | 0.552 | 0.641 |
| 2 LESS 3 | 0.051 | -0.024 |
| 3 LESS 4 | -0.329 | 0.902 |
| 4 LESS 5 | 0.206 | -0.793 |
| 5 LESS 6 | 0.020 | 0.255 |
| 6 LESS 7 | -0.014 | -0.086 |
| 7 LESS 8 | 0.439 | -0.049 |
| 8 LESS 9 | -0.080 | 0.102 |
| 9 LESS 10 | -0.775 | 0.120 |
| 10 LESS 11 | 0.321 | -0.017 |
| 11 LESS 12 | -0.357 | -0.219 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 LESS 1 | 16 | 5.324 | 3.800 | 8.600 | 5.000 | 1.342 | 25.209 | 0.335 |
| 1 LESS 2 | 26 | 4.942 | 2.400 | 8.800 | 6.400 | 1.602 | 32.424 | 0.314 |
| 2 LESS 3 | 39 | 5.882 | 2.400 | 9.800 | 7.400 | 1.377 | 23.411 | 0.220 |
| 3 LESS 4 | 24 | 5.733 | 3.400 | 9.200 | 5.800 | 1.616 | 28.202 | 0.330 |
| 4 LESS 5 | 32 | 5.140 | 2.400 | 8.000 | 5.600 | 1.467 | 28.546 | 0.259 |
| 5 LESS 6 | 28 | 5.299 | 3.000 | 7.800 | 4.800 | 1.170 | 22.087 | 0.221 |
| 6 LESS 7 | 40 | 5.477 | 2.800 | 8.800 | 6.000 | 1.394 | 25.463 | 0.220 |
| 7 LESS 8 | 47 | 6.063 | 3.400 | 11.000 | 7.599 | 1.665 | 27.469 | 0.242 |
| 8 LESS 9 | 33 | 6.048 | 3.599 | 9.200 | 5.600 | 1.551 | 25.650 | 0.270 |
| 9 LESS 10 | 33 | 5.066 | 3.200 | 8.800 | 5.600 | 1.193 | 23.555 | 0.207 |
| 10 LESS 11 | 40 | 5.634 | 3.599 | 9.000 | 5.399 | 1.295 | 22.996 | 0.204 |
| 11 LESS 12 | 34 | 5.094 | 3.000 | 8.000 | 5.000 | 1.016 | 19.795 | 0.174 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 LESS 1 | 18 | 4.338 | 2.800 | 6.000 | 3.199 | 1.064 | 24.533 | 0.250 |
| 1 LESS 2 | 31 | 5.293 | 3.200 | 9.000 | 5.799 | 1.557 | 29.431 | 0.279 |
| 2 LESS 3 | 36 | 5.288 | 3.000 | 9.000 | 5.999 | 1.645 | 31.110 | 0.274 |
| 3 LESS 4 | 35 | 6.022 | 4.000 | 9.000 | 4.999 | 1.406 | 23.353 | 0.237 |
| 4 LESS 5 | 31 | 5.729 | 3.200 | 9.600 | 6.399 | 1.517 | 26.487 | 0.272 |
| 5 LESS 6 | 29 | 5.620 | 3.000 | 9.200 | 6.199 | 1.454 | 25.875 | 0.270 |
| 6 LESS 7 | 25 | 5.503 | 3.400 | 7.199 | 3.799 | 0.927 | 16.852 | 0.185 |
| 7 LESS 8 | 35 | 5.671 | 3.400 | 8.000 | 4.600 | 1.025 | 18.085 | 0.173 |
| 8 LESS 9 | 27 | 5.407 | 2.000 | 8.600 | 6.599 | 1.391 | 25.737 | 0.267 |
| 9 LESS 10 | 36 | 5.830 | 3.599 | 9.800 | 6.200 | 1.349 | 23.137 | 0.224 |
| 10 LESS 11 | 26 | 5.565 | 3.599 | 8.500 | 4.899 | 1.393 | 25.047 | 0.273 |
| 11 LESS 12 | 29 | 5.255 | 3.200 | 7.399 | 4.199 | 0.902 | 17.168 | 0.167 |

CHILDREN'S SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 34 | 4.802 | 6.000 | 1.285 | 26.764 | 0.220 |
| 1 LESS 2 | 57 | 5.133 | 6.599 | 1.574 | 30.665 | 0.208 |
| 2 LESS 3 | 75 | 5.597 | 7.400 | 1.530 | 27.348 | 0.176 |
| 3 LESS 4 | 59 | 5.905 | 5.800 | 1.488 | 25.215 | 0.193 |
| 4 LESS 5 | 63 | 5.430 | 7.199 | 1.509 | 27.800 | 0.190 |
| 5 LESS 6 | 57 | 5.463 | 6.199 | 1.320 | 24.176 | 0.174 |
| 6 LESS 7 | 65 | 5.487 | 6.000 | 1.228 | 22.379 | 0.152 |
| 7 LESS 8 | 82 | 5.896 | 7.599 | 1.433 | 24.314 | 0.158 |
| 8 LESS 9 | 60 | 5.759 | 7.199 | 1.504 | 26.117 | 0.194 |
| 9 LESS 10 | 69 | 5.465 | 6.600 | 1.324 | 24.239 | 0.159 |
| 10 LESS 11 | 66 | 5.607 | 5.399 | 1.325 | 23.632 | 0.163 |
| 11 LESS 12 | 63 | 5.168 | 5.000 | 0.962 | 18.623 | 0.121 |

MEAN SUPRAILIAC SKINFOLD THICKNESS INCREMENT (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0 LESS 1 | 5.324 | 4.338 |
| 1 LESS 2 | -0.382 | 0.954 |
| 2 LESS 3 | 0.939 | -0.004 |
| 3 LESS 4 | -0.148 | 0.733 |
| 4 LESS 5 | -0.592 | -0.293 |
| 5 LESS 6 | 0.159 | -0.108 |
| 6 LESS 7 | 0.177 | -0.116 |
| 7 LESS 8 | 0.586 | 0.167 |
| 8 LESS 9 | -0.015 | -0.264 |
| 9 LESS 10 | -0.981 | 0.423 |
| 10 LESS 11 | 0.568 | -0.265 |
| 11 LESS 12 | -0.540 | -0.310 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 LESS 1 | 16 | 5.062 | 3.400 | 9.000 | 5.599 | 1.315 | 25.994 | 0.328 |
| 1 LESS 2 | 26 | 5.557 | 2.400 | 9.600 | 7.199 | 1.784 | 32.115 | 0.350 |
| 2 LESS 3 | 39 | 7.058 | 3.800 | 14.000 | 10.199 | 2.049 | 29.039 | 0.328 |
| 3 LESS 4 | 24 | 6.554 | 4.000 | 11.200 | 7.199 | 2.283 | 34.838 | 0.466 |
| 4 LESS 5 | 32 | 7.174 | 2.000 | 15.000 | 13.000 | 3.096 | 43.161 | 0.547 |
| 5 LESS 6 | 28 | 7.217 | 3.200 | 11.800 | 8.600 | 2.325 | 32.223 | 0.439 |
| 6 LESS 7 | 40 | 6.729 | 2.800 | 12.500 | 9.699 | 2.483 | 36.908 | 0.392 |
| 7 LESS 8 | 47 | 7.346 | 4.199 | 13.500 | 9.300 | 2.293 | 31.217 | 0.334 |
| 8 LESS 9 | 33 | 6.939 | 4.199 | 14.600 | 10.400 | 2.263 | 32.615 | 0.393 |
| 9 LESS 10 | 33 | 6.578 | 2.500 | 12.500 | 10.000 | 2.548 | 38.730 | 0.443 |
| 10 LESS 11 | 40 | 6.532 | 3.200 | 10.800 | 7.600 | 2.027 | 31.036 | 0.320 |
| 11 LESS 12 | 34 | 6.252 | 3.200 | 13.399 | 10.199 | 2.075 | 33.193 | 0.355 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | F E M A L E S | | | | |
| 0 LESS 1 | 16 | 4.266 | 2.400 | 5.800 | 3.400 | 1.031 | 24.170 | 0.243 |
| 1 LESS 2 | 31 | 7.012 | 3.800 | 14.799 | 10.999 | 2.811 | 40.088 | 0.504 |
| 2 LESS 3 | 36 | 6.888 | 3.000 | 13.500 | 10.500 | 2.607 | 37.857 | 0.434 |
| 3 LESS 4 | 35 | 7.651 | 4.400 | 17.000 | 12.599 | 2.665 | 34.833 | 0.450 |
| 4 LESS 5 | 31 | 8.012 | 3.400 | 13.000 | 9.600 | 2.701 | 33.710 | 0.485 |
| 5 LESS 6 | 29 | 7.662 | 3.200 | 15.799 | 12.599 | 3.153 | 41.154 | 0.585 |
| 6 LESS 7 | 25 | 6.383 | 2.800 | 9.800 | 7.000 | 1.893 | 29.664 | 0.378 |
| 7 LESS 8 | 35 | 6.959 | 3.800 | 12.000 | 8.199 | 2.168 | 31.153 | 0.366 |
| 8 LESS 9 | 27 | 6.440 | 2.000 | 10.500 | 8.500 | 1.710 | 26.560 | 0.329 |
| 9 LESS 10 | 36 | 6.869 | 3.400 | 14.500 | 11.100 | 2.500 | 36.397 | 0.416 |
| 10 LESS 11 | 26 | 6.407 | 3.000 | 10.200 | 7.199 | 2.211 | 34.517 | 0.433 |
| 11 LESS 12 | 29 | 6.220 | 3.200 | 11.500 | 8.299 | 2.061 | 33.146 | 0.382 |

CHILDREN'S SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 LESS 1 | 34 | 4.641 | 6.599 | 1.223 | 26.367 | 0.209 |
| 1 LESS 2 | 57 | 6.349 | 12.399 | 2.488 | 39.189 | 0.329 |
| 2 LESS 3 | 75 | 6.977 | 11.000 | 2.319 | 33.249 | 0.267 |
| 3 LESS 4 | 59 | 7.205 | 12.999 | 2.554 | 35.459 | 0.332 |
| 4 LESS 5 | 63 | 7.587 | 13.000 | 2.916 | 38.434 | 0.367 |
| 5 LESS 6 | 57 | 7.443 | 12.599 | 2.762 | 37.107 | 0.365 |
| 6 LESS 7 | 65 | 6.596 | 9.699 | 2.265 | 34.344 | 0.281 |
| 7 LESS 8 | 82 | 7.181 | 9.699 | 2.235 | 31.128 | 0.246 |
| 8 LESS 9 | 60 | 6.714 | 12.600 | 2.032 | 30.265 | 0.262 |
| 9 LESS 10 | 69 | 6.730 | 12.000 | 2.508 | 37.275 | 0.302 |
| 10 LESS 11 | 66 | 6.483 | 7.800 | 2.086 | 32.175 | 0.256 |
| 11 LESS 12 | 63 | 6.238 | 10.199 | 2.052 | 32.905 | 0.258 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS INCREMENTS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0 LESS 1 | 5.062 | 4.266 |
| 1 LESS 2 | 0.495 | 2.746 |
| 2 LESS 3 | 1.501 | -0.124 |
| 3 LESS 4 | -0.504 | 0.762 |
| 4 LESS 5 | 0.620 | 0.361 |
| 5 LESS 6 | 0.042 | -0.350 |
| 6 LESS 7 | -0.487 | -1.278 |
| 7 LESS 8 | 0.616 | 0.575 |
| 8 LESS 9 | -0.407 | -0.519 |
| 9 LESS 10 | -0.360 | 0.428 |
| 10 LESS 11 | -0.046 | -0.461 |
| 11 LESS 12 | -0.279 | -0.187 |

APPENDIX VII

CHILDREN'S WEIGHT (KG) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | MALES | | | | | | |
| 0 LESS 1 | 16 | 3.093 | 3.290 | 3.712 | 4.416 | 5.211 | 6.035 | 9.661 |
| 1 LESS 2 | 26 | 3.121 | 3.388 | 3.923 | 4.444 | 5.321 | 6.071 | 6.391 |
| 2 LESS 3 | 39 | 3.987 | 4.227 | 4.742 | 5.254 | 5.892 | 6.563 | 7.364 |
| 3 LESS 4 | 24 | 4.049 | 4.418 | 5.060 | 5.940 | 6.970 | 8.125 | 8.865 |
| 4 LESS 5 | 32 | 4.057 | 4.451 | 5.430 | 6.083 | 6.651 | 7.255 | 7.879 |
| 5 LESS 6 | 28 | 4.955 | 5.387 | 6.310 | 7.185 | 8.140 | 9.269 | 10.224 |
| 6 LESS 7 | 39 | 5.028 | 5.628 | 6.490 | 7.614 | 7.804 | 8.741 | 9.142 |
| 7 LESS 8 | 46 | 5.734 | 6.442 | 7.096 | 7.990 | 8.883 | 9.665 | 10.334 |
| 8 LESS 9 | 35 | 6.534 | 6.894 | 7.543 | 8.243 | 9.384 | 9.898 | 10.479 |
| 9 LESS 10 | 33 | 5.648 | 6.156 | 7.245 | 8.403 | 9.063 | 9.984 | 10.644 |
| 10 LESS 11 | 39 | 6.176 | 7.092 | 8.244 | 8.880 | 9.678 | 10.512 | 11.307 |
| 11 LESS 12 | 34 | 6.833 | 7.443 | 7.942 | 8.621 | 9.240 | 9.988 | 10.946 |

CHILDREN'S WEIGHT (KG) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | FEMALES | | | | | | |
| 0 LESS 1 | 19 | 3.054 | 3.171 | 3.422 | 3.840 | 4.352 | 4.666 | 5.182 |
| 1 LESS 2 | 32 | 3.063 | 3.204 | 3.506 | 4.060 | 4.767 | 5.471 | 6.119 |
| 2 LESS 3 | 36 | 3.165 | 3.535 | 4.086 | 4.695 | 5.232 | 5.549 | 6.066 |
| 3 LESS 4 | 35 | 4.018 | 4.326 | 4.892 | 5.533 | 6.282 | 7.080 | 8.279 |
| 4 LESS 5 | 31 | 3.862 | 4.970 | 5.424 | 5.988 | 6.475 | 7.215 | 9.265 |
| 5 LESS 6 | 29 | 4.894 | 5.192 | 5.803 | 6.671 | 7.380 | 8.130 | 9.318 |
| 6 LESS 7 | 25 | 4.583 | 5.834 | 6.306 | 6.883 | 7.383 | 8.024 | 8.543 |
| 7 LESS 8 | 35 | 5.881 | 6.420 | 6.844 | 7.437 | 8.029 | 8.734 | 9.599 |
| 8 LESS 9 | 26 | 4.610 | 6.571 | 6.883 | 7.410 | 8.600 | 9.090 | 11.157 |
| 9 LESS 10 | 36 | 6.137 | 6.681 | 7.209 | 7.877 | 8.548 | 9.023 | 9.586 |
| 10 LESS 11 | 26 | 5.490 | 7.003 | 7.624 | 8.196 | 8.822 | 9.357 | 10.277 |
| 11 LESS 12 | 29 | 5.569 | 6.765 | 7.311 | 7.923 | 8.772 | 9.538 | 9.895 |

CHILDREN'S WEIGHT (KG) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 LESS 1 | 19 | 3.054 | 3.171 | 3.422 | 3.840 | 4.352 | 4.666 | 5.182 |
| 1 LESS 2 | 32 | 3.063 | 3.204 | 3.506 | 4.060 | 4.767 | 5.471 | 6.119 |
| 2 LESS 3 | 36 | 3.165 | 3.535 | 4.086 | 4.695 | 5.232 | 5.549 | 6.066 |
| 3 LESS 4 | 35 | 4.018 | 4.326 | 4.892 | 5.533 | 6.282 | 7.080 | 8.279 |
| 4 LESS 5 | 31 | 3.862 | 4.970 | 5.424 | 5.988 | 6.475 | 7.215 | 9.265 |
| 5 LESS 6 | 29 | 4.894 | 5.192 | 5.803 | 6.671 | 7.380 | 8.130 | 9.318 |
| 6 LESS 7 | 25 | 4.583 | 5.834 | 6.306 | 6.883 | 7.383 | 8.024 | 8.543 |
| 7 LESS 8 | 35 | 5.881 | 6.420 | 6.844 | 7.437 | 8.029 | 8.734 | 9.599 |
| 8 LESS 9 | 26 | 4.610 | 6.571 | 6.883 | 7.410 | 8.600 | 9.090 | 11.157 |
| 9 LESS 10 | 36 | 6.137 | 6.681 | 7.209 | 7.877 | 8.548 | 9.023 | 9.586 |
| 10 LESS 11 | 26 | 5.490 | 7.003 | 7.624 | 8.196 | 8.822 | 9.357 | 10.277 |
| 11 LESS 12 | 29 | 5.569 | 6.765 | 7.311 | 7.923 | 8.772 | 9.538 | 9.895 |

CHILDREN'S HEIGHT (CM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | | | | MALES | | | |
| 0 LESS 1 | 16 | 47.213 | 49.352 | 50.655 | 52.894 | 56.547 | 62.110 | 73.965 |
| 1 LESS 2 | 26 | 44.554 | 50.044 | 52.514 | 54.889 | 57.777 | 61.254 | 65.225 |
| 2 LESS 3 | 39 | 51.462 | 54.944 | 57.009 | 58.434 | 59.859 | 63.123 | 66.581 |
| 3 LESS 4 | 24 | 53.531 | 55.127 | 58.157 | 61.558 | 63.838 | 66.717 | 69.253 |
| 4 LESS 5 | 32 | 56.605 | 57.821 | 60.412 | 62.439 | 64.698 | 66.978 | 68.341 |
| 5 LESS 6 | 28 | 59.981 | 61.278 | 63.273 | 65.944 | 68.665 | 71.324 | 76.397 |
| 6 LESS 7 | 39 | 60.475 | 61.419 | 63.439 | 65.634 | 67.486 | 69.994 | 71.723 |
| 7 LESS 8 | 46 | 61.003 | 62.363 | 64.770 | 67.340 | 70.320 | 72.902 | 75.349 |
| 8 LESS 9 | 35 | 64.234 | 65.080 | 66.894 | 69.004 | 70.587 | 71.537 | 73.699 |
| 9 LESS 10 | 33 | 60.552 | 65.055 | 68.057 | 69.624 | 71.192 | 73.462 | 75.827 |
| 10 LESS 11 | 40 | 65.783 | 68.153 | 69.030 | 70.491 | 72.199 | 74.479 | 75.542 |
| 11 LESS 12 | 34 | 68.184 | 68.595 | 69.476 | 70.944 | 73.298 | 75.452 | 78.171 |

CHILDREN'S HEIGHT (CM) PERCENTILES BY AGE AND SE

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** |
|---|---|---|---|---|---|---|
| | | | | | FEMALES | |
| 0 LESS 1 | 19 | 39.956 | 49.361 | 50.444 | 52.248 | 54.591 |
| 1 LESS 2 | 32 | 49.479 | 50.543 | 52.810 | 54.499 | 56.188 |
| 2 LESS 3 | 36 | 51.146 | 53.084 | 54.017 | 55.572 | 57.565 |
| 3 LESS 4 | 35 | 53.845 | 56.172 | 57.429 | 58.940 | 60.562 |
| 4 LESS 5 | 31 | 57.065 | 58.096 | 60.304 | 61.834 | 63.306 |
| 5 LESS 6 | 29 | 56.295 | 58.082 | 60.752 | 62.720 | 65.340 |
| 6 LESS 7 | 25 | 59.639 | 60.988 | 62.413 | 64.653 | 66.480 |
| 7 LESS 8 | 34 | 57.955 | 60.590 | 62.743 | 65.676 | 68.348 |
| 8 LESS 9 | 27 | 56.068 | 60.970 | 64.048 | 66.965 | 69.485 |
| 9 LESS 10 | 36 | 60.564 | 63.756 | 65.479 | 67.759 | 70.780 |
| 10 LESS 11 | 26 | 55.954 | 65.454 | 68.110 | 69.410 | 70.710 |
| 11 LESS 12 | 29 | 63.895 | 65.126 | 67.192 | 69.917 | 72.559 |

| **90** | **97** |
|---|---|
| 56.138 | 58.423 |
| 58.765 | 60.741 |
| 59.275 | 60.073 |
| 63.412 | 69.899 |
| 64.190 | 66.885 |
| 68.285 | 76.283 |
| 67.576 | 69.139 |
| 71.578 | 74.371 |
| 70.884 | 71.537 |
| 73.662 | 75.577 |
| 71.490 | 72.825 |
| 74.396 | 75.253 |

CHILDREN'S HEIGHT (CM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 LESS 1 | 19 | 39.956 | 49.361 | 50.444 | 52.248 | 54.591 | 56.138 | 58.423 |
| 1 LESS 2 | 32 | 49.479 | 50.543 | 52.810 | 54.499 | 56.188 | 58.765 | 60.741 |
| 2 LESS 3 | 36 | 51.146 | 53.084 | 54.017 | 55.572 | 57.565 | 59.275 | 60.073 |
| 3 LESS 4 | 35 | 53.845 | 56.172 | 57.429 | 58.940 | 60.562 | 63.412 | 69.899 |
| 4 LESS 5 | 31 | 57.065 | 58.096 | 60.304 | 61.834 | 63.306 | 64.190 | 66.885 |
| 5 LESS 6 | 29 | 56.295 | 58.082 | 60.752 | 62.720 | 65.340 | 68.285 | 76.283 |
| 6 LESS 7 | 25 | 59.639 | 60.988 | 62.413 | 64.653 | 66.480 | 67.576 | 69.139 |
| 7 LESS 8 | 34 | 57.955 | 60.590 | 62.743 | 65.676 | 68.348 | 71.578 | 74.371 |
| 8 LESS 9 | 27 | 56.068 | 60.970 | 64.048 | 66.965 | 69.485 | 70.884 | 71.537 |
| 9 LESS 10 | 36 | 60.564 | 63.756 | 65.479 | 67.759 | 70.780 | 73.662 | 75.577 |
| 10 LESS 11 | 26 | 55.954 | 65.454 | 68.110 | 69.410 | 70.710 | 71.490 | 72.825 |
| 11 LESS 12 | 29 | 63.895 | 65.126 | 67.192 | 69.917 | 72.559 | 74.396 | 75.253 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) PERCENTILES

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** |
|---|---|---|---|---|---|---|
| | | | | | MALES | |
| 0 LESS 1 | 16 | 33.386 | 34.463 | 35.928 | 36.568 | 38.183 |
| 1 LESS 2 | 26 | 34.636 | 35.968 | 36.885 | 37.578 | 38.568 |
| 2 LESS 3 | 39 | 35.385 | 37.632 | 38.475 | 39.122 | 39.849 |
| 3 LESS 4 | 24 | 35.539 | 37.823 | 38.975 | 40.085 | 41.052 |
| 4 LESS 5 | 32 | 38.642 | 39.180 | 39.866 | 40.569 | 42.491 |
| 5 LESS 6 | 28 | 39.494 | 40.676 | 41.252 | 42.486 | 43.325 |
| 6 LESS 7 | 40 | 39.900 | 40.583 | 41.873 | 42.675 | 43.315 |
| 7 LESS 8 | 47 | 40.300 | 41.730 | 42.543 | 43.480 | 44.348 |
| 8 LESS 9 | 35 | 42.493 | 42.829 | 43.499 | 44.145 | 45.407 |
| 9 LESS 10 | 33 | 41.558 | 42.609 | 43.084 | 43.925 | 45.312 |
| 10 LESS 11 | 40 | 42.519 | 42.968 | 43.928 | 45.076 | 46.329 |
| 11 LESS 12 | 34 | 41.587 | 42.944 | 44.008 | 45.045 | 46.026 |

BY AGE AND SEX

| **90** | **97** |
|---|---|
| 40.031 | 45.907 |
| 39.468 | 40.819 |
| 41.075 | 46.204 |
| 43.103 | 45.676 |
| 44.256 | 51.206 |
| 45.479 | 47.481 |
| 44.447 | 45.951 |
| 45.472 | 46.934 |
| 46.248 | 47.279 |
| 46.272 | 48.297 |
| 47.783 | 48.832 |
| 46.828 | 48.268 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| FEMALES | | | | | | | | |
| 0 LESS 1 | 19 | 33.988 | 34.307 | 34.992 | 36.057 | 37.136 | 38.047 | 38.473 |
| 1 LESS 2 | 32 | 34.163 | 34.880 | 35.956 | 36.729 | 38.098 | 39.456 | 44.486 |
| 2 LESS 3 | 36 | 35.342 | 35.986 | 36.726 | 37.898 | 38.921 | 39.744 | 40.550 |
| 3 LESS 4 | 35 | 36.767 | 37.746 | 38.375 | 39.211 | 40.632 | 43.704 | 47.279 |
| 4 LESS 5 | 31 | 37.993 | 38.655 | 39.152 | 40.086 | 41.385 | 42.935 | 47.817 |
| 5 LESS 6 | 29 | 37.603 | 38.944 | 40.041 | 41.045 | 41.856 | 42.377 | 46.492 |
| 6 LESS 7 | 25 | 38.064 | 39.776 | 40.716 | 41.466 | 42.216 | 42.975 | 44.687 |
| 7 LESS 8 | 35 | 39.695 | 40.708 | 41.212 | 41.963 | 43.031 | 44.575 | 45.360 |
| 8 LESS 9 | 27 | 37.955 | 38.559 | 41.472 | 42.555 | 43.512 | 44.512 | 45.116 |
| 9 LESS 10 | 36 | 40.584 | 41.068 | 41.845 | 42.805 | 43.928 | 45.183 | 46.305 |
| 10 LESS 11 | 26 | 36.556 | 41.183 | 42.201 | 43.445 | 44.226 | 45.183 | 46.579 |
| 11 LESS 12 | 29 | 40.483 | 41.987 | 42.700 | 43.396 | 44.372 | 45.407 | 46.057 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| LESS 1 | 35 | 33.859 | 34.429 | 35.337 | 36.331 | 37.545 | 38.563 | 40.559 |
| LESS 2 | 58 | 34.269 | 35.244 | 36.243 | 37.272 | 38.311 | 39.456 | 41.188 |
| LESS 3 | 75 | 35.352 | 36.186 | 37.536 | 38.701 | 39.451 | 40.506 | 45.167 |
| LESS 4 | 59 | 36.153 | 37.762 | 38.535 | 39.569 | 40.835 | 43.512 | 46.588 |
| LESS 5 | 63 | 38.145 | 38.813 | 39.511 | 40.375 | 41.888 | 43.400 | 47.971 |
| LESS 6 | 57 | 38.409 | 39.540 | 40.697 | 41.560 | 42.695 | 44.192 | 46.646 |
| LESS 7 | 65 | 38.639 | 40.223 | 41.260 | 42.204 | 43.055 | 44.052 | 45.711 |
| LESS 8 | 82 | 40.083 | 40.930 | 41.786 | 42.843 | 44.073 | 45.130 | 46.221 |
| LESS 9 | 62 | 38.291 | 41.183 | 42.586 | 43.612 | 44.585 | 45.816 | 46.891 |
| LESS 10 | 69 | 40.583 | 41.510 | 42.495 | 43.366 | 44.509 | 45.929 | 47.270 |
| LESS 11 | 66 | 40.574 | 42.028 | 43.138 | 44.334 | 45.666 | 47.031 | 48.582 |
| LESS 12 | 63 | 40.531 | 42.355 | 43.129 | 44.292 | 45.473 | 46.298 | 47.118 |

CHILDREN'S ARM CIRCUMFERENCE (CM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 LESS 1 | 16 | 9.087 | 9.356 | 11.371 | 12.167 | 12.612 | 13.015 | 14.033 |
| 1 LESS 2 | 25 | 8.864 | 9.332 | 10.236 | 11.623 | 12.303 | 13.225 | 13.903 |
| 2 LESS 3 | 39 | 10.895 | 11.082 | 11.576 | 12.394 | 13.007 | 13.943 | 15.142 |
| 3 LESS 4 | 24 | 10.104 | 10.951 | 11.611 | 12.812 | 13.860 | 14.206 | 15.358 |
| 4 LESS 5 | 32 | 9.202 | 10.039 | 11.845 | 12.803 | 13.447 | 14.215 | 14.981 |
| 5 LESS 6 | 28 | 9.387 | 11.016 | 12.420 | 13.092 | 14.087 | 14.760 | 15.073 |
| 6 LESS 7 | 40 | 10.920 | 11.371 | 12.483 | 13.442 | 14.083 | 14.971 | 16.603 |
| 7 LESS 8 | 47 | 11.580 | 12.169 | 13.027 | 13.895 | 14.522 | 15.121 | 15.942 |
| 8 LESS 9 | 35 | 11.535 | 12.372 | 12.876 | 14.185 | 14.983 | 15.811 | 16.399 |
| 9 LESS 10 | 33 | 10.649 | 11.684 | 13.063 | 13.847 | 14.637 | 15.170 | 15.934 |
| 10 LESS 11 | 40 | 11.399 | 12.331 | 13.489 | 14.122 | 14.669 | 15.527 | 16.843 |
| 11 LESS 12 | 34 | 12.328 | 12.613 | 13.225 | 13.860 | 14.676 | 15.166 | 16.174 |

CHILDREN'S ARM CIRCUMFERENCE (CM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | FEMALES | | | | | | |
| 0 LESS 1 | 19 | 8.297 | 8.936 | 9.887 | 10.648 | 11.407 | 11.875 | 12.195 |
| 1 LESS 2 | 32 | 9.601 | 9.937 | 10.266 | 11.157 | 11.863 | 13.416 | 13.803 |
| 2 LESS 3 | 36 | 9.022 | 9.836 | 11.048 | 11.842 | 12.445 | 13.191 | 14.225 |
| 3 LESS 4 | 35 | 11.012 | 11.305 | 11.743 | 12.292 | 12.955 | 14.167 | 15.679 |
| 4 LESS 5 | 31 | 10.390 | 11.138 | 11.695 | 13.140 | 13.711 | 14.233 | 16.697 |
| 5 LESS 6 | 29 | 10.841 | 11.473 | 12.151 | 12.906 | 13.496 | 14.311 | 15.003 |
| 6 LESS 7 | 25 | 10.784 | 11.252 | 12.060 | 12.865 | 13.615 | 14.167 | 15.031 |
| 7 LESS 8 | 35 | 11.375 | 11.767 | 12.492 | 13.403 | 14.054 | 14.968 | 15.439 |
| 8 LESS 9 | 27 | 11.292 | 11.979 | 12.303 | 13.106 | 14.023 | 14.775 | 15.078 |
| 9 LESS 10 | 34 | 11.856 | 12.391 | 12.974 | 13.557 | 14.327 | 15.143 | 16.174 |
| 10 LESS 11 | 26 | 11.972 | 12.263 | 12.843 | 13.643 | 14.487 | 15.415 | 15.984 |
| 11 LESS 12 | 29 | 11.913 | 12.075 | 12.631 | 13.543 | 14.367 | 15.063 | 15.766 |

CHILDREN'S ARM CIRCUMFERENCE (CM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| E(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| LESS 1 | 19 | 8.297 | 8.936 | 9.887 | 10.648 | 11.407 | 11.875 | 12.195 |
| LESS 2 | 32 | 9.601 | 9.937 | 10.266 | 11.157 | 11.863 | 13.416 | 13.803 |
| LESS 3 | 36 | 9.022 | 9.835 | 11.048 | 11.842 | 12.445 | 13.191 | 14.225 |
| LESS 4 | 35 | 11.012 | 11.305 | 11.743 | 12.292 | 12.955 | 14.167 | 15.677 |
| LESS 5 | 31 | 10.390 | 11.138 | 11.695 | 13.140 | 13.711 | 14.233 | 16.697 |
| LESS 6 | 29 | 10.841 | 11.473 | 12.151 | 12.906 | 13.496 | 14.311 | 15.003 |
| LESS 7 | 25 | 10.784 | 11.252 | 12.060 | 12.865 | 13.615 | 14.167 | 15.031 |
| LESS 8 | 35 | 11.375 | 11.767 | 12.492 | 13.403 | 14.054 | 14.968 | 15.439 |
| LESS 9 | 27 | 11.292 | 11.979 | 12.303 | 13.106 | 14.023 | 14.775 | 15.078 |
| LESS 10 | 34 | 11.856 | 12.391 | 12.974 | 13.557 | 14.327 | 15.143 | 16.174 |
| LESS 11 | 26 | 11.972 | 12.763 | 12.843 | 13.843 | 14.487 | 15.415 | 15.984 |
| LESS 12 | 29 | 11.913 | 12.075 | 12.631 | 13.543 | 14.367 | 15.063 | 15.766 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | M A L E S | | | | | | |
| 0 LESS 1 | 16 | 3.518 | 4.189 | 4.809 | 5.457 | 5.965 | 6.934 | 7.270 |
| 1 LESS 2 | 26 | 3.098 | 3.447 | 4.564 | 5.736 | 6.170 | 8.869 | 11.161 |
| 2 LESS 3 | 39 | 4.444 | 4.989 | 5.698 | 6.236 | 6.911 | 8.044 | 10.927 |
| 3 LESS 4 | 24 | 4.262 | 4.617 | 5.314 | 6.210 | 7.257 | 9.994 | 11.197 |
| 4 LESS 5 | 32 | 3.203 | 3.875 | 5.678 | 6.904 | 8.307 | 9.709 | 10.453 |
| 5 LESS 6 | 28 | 3.733 | 4.654 | 6.009 | 7.409 | 8.486 | 9.449 | 9.925 |
| 6 LESS 7 | 40 | 3.275 | 4.429 | 5.604 | 6.804 | 8.006 | 9.214 | 10.054 |
| 7 LESS 8 | 47 | 4.692 | 5.524 | 6.007 | 7.170 | 9.059 | 11.809 | 12.727 |
| 8 LESS 9 | 34 | 4.441 | 5.654 | 6.829 | 7.293 | 8.305 | 10.294 | 12.817 |
| 9 LESS 10 | 33 | 4.423 | 5.202 | 5.829 | 6.903 | 7.559 | 10.024 | 13.435 |
| 10 LESS 11 | 40 | 4.774 | 5.663 | 6.022 | 7.102 | 8.010 | 9.807 | 10.227 |
| 11 LESS 12 | 34 | 4.528 | 4.814 | 5.266 | 6.514 | 7.252 | 7.929 | 11.617 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | FEMALES | | | | | | |
| 0 LESS 1 | 18 | 2.118 | 2.369 | 3.065 | 4.609 | 5.510 | 6.049 | 7.105 |
| 1 LESS 2 | 31 | 3.347 | 3.672 | 4.520 | 5.164 | 6.859 | 8.584 | 10.223 |
| 2 LESS 3 | 36 | 3.277 | 3.997 | 4.645 | 5.875 | 6.505 | 7.167 | 7.981 |
| 3 LESS 4 | 35 | 3.859 | 4.632 | 5.719 | 6.991 | 8.690 | 10.032 | 10.399 |
| 4 LESS 5 | 31 | 4.093 | 4.744 | 5.719 | 6.916 | 8.260 | 9.789 | 11.071 |
| 5 LESS 6 | 29 | 4.352 | 4.692 | 5.460 | 6.865 | 8.840 | 11.689 | 13.507 |
| 6 LESS 7 | 24 | 4.861 | 5.434 | 5.861 | 6.609 | 7.304 | 8.989 | 9.997 |
| 7 LESS 8 | 35 | 4.729 | 5.232 | 5.786 | 6.505 | 7.859 | 10.129 | 12.199 |
| 8 LESS 9 | 27 | 2.516 | 4.512 | 5.159 | 6.309 | 7.329 | 8.704 | 10.543 |
| 9 LESS 10 | 36 | 4.138 | 5.164 | 5.704 | 7.103 | 8.466 | 9.489 | 10.981 |
| 10 LESS 11 | 26 | 4.565 | 4.930 | 5.532 | 6.118 | 7.054 | 8.734 | 11.161 |
| 11 LESS 12 | 29 | 4.352 | 4.789 | 5.395 | 6.309 | 7.879 | 8.497 | 9.307 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| ) LESS 1 | 18 | 2.118 | 2.369 | 3.065 | 4.609 | 5.510 | 6.049 | 7.105 |
| L LESS 2 | 31 | 3.347 | 3.672 | 4.520 | 5.164 | 6.859 | 8.584 | 10.223 |
| 2 LESS 3 | 36 | 3.277 | 3.997 | 4.645 | 5.875 | 6.505 | 7.167 | 7.981 |
| 3 LESS 4 | 35 | 3.859 | 4.632 | 5.719 | 6.991 | 8.690 | 10.032 | 10.399 |
| 4 LESS 5 | 31 | 4.093 | 4.744 | 5.719 | 6.916 | 8.260 | 9.789 | 11.071 |
| 5 LESS 6 | 29 | 4.352 | 4.692 | 5.460 | 6.865 | 8.840 | 11.689 | 13.507 |
| 6 LESS 7 | 24 | 4.861 | 5.434 | 5.861 | 6.609 | 7.304 | 8.989 | 9.997 |
| 7 LESS 8 | 35 | 4.729 | 5.232 | 5.786 | 6.505 | 7.859 | 10.129 | 12.199 |
| 8 LESS 9 | 27 | 2.516 | 4.512 | 5.159 | 6.509 | 7.329 | 8.704 | 10.543 |
| 9 LESS 10 | 36 | 4.138 | 5.164 | 5.704 | 7.103 | 8.486 | 9.489 | 10.981 |
| 10 LESS 11 | 26 | 4.565 | 4.930 | 5.532 | 6.118 | 7.054 | 8.734 | 11.161 |
| 11 LESS 12 | 29 | 4.352 | 4.789 | 5.395 | 6.309 | 7.879 | 8.497 | 9.307 |

MEAN BICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | MALES | | | | | | |
| 0 LESS 1 | 16 | 2.657 | 2.949 | 3.395 | 3.877 | 4.346 | 4.717 | 5.008 |
| 1 LESS 2 | 26 | 2.431 | 2.806 | 3.675 | 4.189 | 5.388 | 6.276 | 6.820 |
| 2 LESS 3 | 39 | 3.145 | 3.382 | 3.757 | 4.285 | 5.139 | 5.519 | 6.388 |
| 3 LESS 4 | 24 | 2.920 | 3.165 | 3.477 | 3.888 | 4.476 | 5.548 | 6.331 |
| 4 LESS 5 | 32 | 2.262 | 2.736 | 3.638 | 4.293 | 5.197 | 5.554 | 7.246 |
| 5 LESS 6 | 28 | 2.462 | 3.113 | 3.477 | 4.314 | 4.866 | 5.769 | 7.309 |
| 6 LESS 7 | 40 | 2.325 | 3.043 | 3.489 | 4.176 | 5.125 | 5.912 | 7.121 |
| 7 LESS 8 | 47 | 3.063 | 3.235 | 3.601 | 4.301 | 6.033 | 6.623 | 7.886 |
| 8 LESS 9 | 34 | 2.798 | 3.134 | 3.465 | 4.431 | 5.489 | 6.446 | 9.815 |
| 9 LESS 10 | 33 | 2.530 | 3.062 | 3.384 | 3.848 | 4.475 | 5.087 | 5.477 |
| 10 LESS 11 | 40 | 2.325 | 3.149 | 3.666 | 4.186 | 4.866 | 5.470 | 6.380 |
| 11 LESS 12 | 34 | 2.798 | 3.165 | 3.580 | 3.896 | 4.264 | 4.529 | 4.867 |

MEAN BICEPS SKINFOLD THICKNESS (MM) PERCENTILES

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** |
|---|---|---|---|---|---|---|
| | | | | | FEMALES | |
| 0 LESS 1 | 18 | 2.102 | 2.320 | 2.721 | 3.563 | 3.898 |
| 1 LESS 2 | 31 | 2.509 | 2.799 | 3.201 | 3.694 | 4.508 |
| 2 LESS 3 | 36 | 2.293 | 2.734 | 3.184 | 3.669 | 4.612 |
| 3 LESS 4 | 35 | 2.806 | 3.308 | 3.889 | 4.761 | 5.579 |
| 4 LESS 5 | 31 | 2.509 | 2.799 | 3.331 | 3.972 | 4.769 |
| 5 LESS 6 | 29 | 2.639 | 2.903 | 3.468 | 4.214 | 4.891 |
| 6 LESS 7 | 25 | 2.208 | 2.806 | 3.611 | 4.310 | 5.067 |
| 7 LESS 8 | 35 | 2.806 | 3.174 | 3.594 | 3.973 | 4.652 |
| 8 LESS 9 | 27 | 2.447 | 2.671 | 3.022 | 4.033 | 5.197 |
| 9 LESS 10 | 36 | 2.715 | 3.152 | 3.786 | 4.318 | 5.211 |
| 10 LESS 11 | 26 | 3.101 | 3.236 | 3.526 | 4.085 | 4.868 |
| 11 LESS 12 | 29 | 2.679 | 3.031 | 3.487 | 3.938 | 5.067 |

BY AGE AND SEX

| **90** | **97** |
|---|---|
| 4.209 | 4.865 |
| 5.886 | 7.262 |
| 5.568 | 6.412 |
| 6.775 | 7.199 |
| 5.626 | 6.222 |
| 5.717 | 7.293 |
| 5.581 | 5.977 |
| 5.385 | 5.639 |
| 6.510 | 8.884 |
| 5.756 | 6.664 |
| 6.393 | 9.940 |
| 6.198 | 6.773 |

MEAN BICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 LESS 1 | 18 | 2.102 | 2.320 | 2.721 | 3.563 | 3.898 | 4.209 | 4.865 |
| 1 LESS 2 | 31 | 2.509 | 2.799 | 3.201 | 3.694 | 4.508 | 5.886 | 7.262 |
| 2 LESS 3 | 36 | 2.293 | 2.734 | 3.184 | 3.669 | 4.612 | 5.568 | 6.412 |
| 3 LESS 4 | 35 | 2.806 | 3.308 | 3.889 | 4.761 | 5.579 | 6.775 | 7.199 |
| 4 LESS 5 | 31 | 2.509 | 2.799 | 3.331 | 3.972 | 4.769 | 5.626 | 6.222 |
| 5 LESS 6 | 29 | 2.639 | 2.903 | 3.469 | 4.214 | 4.891 | 5.717 | 7.293 |
| 6 LESS 7 | 25 | 2.208 | 2.806 | 3.611 | 4.310 | 5.067 | 5.581 | 5.977 |
| 7 LESS 8 | 35 | 2.806 | 3.174 | 3.594 | 3.973 | 4.652 | 5.385 | 5.639 |
| 8 LESS 9 | 27 | 2.447 | 2.671 | 3.022 | 4.033 | 5.197 | 6.510 | 8.884 |
| 9 LESS 10 | 36 | 2.715 | 3.152 | 3.786 | 4.318 | 5.211 | 5.756 | 6.664 |
| 10 LESS 11 | 26 | 3.101 | 3.236 | 3.526 | 4.085 | 4.868 | 6.393 | 9.940 |
| 11 LESS 12 | 29 | 2.679 | 3.031 | 3.487 | 3.938 | 5.067 | 6.198 | 6.773 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** |
|---|---|---|---|---|---|
| | | | | | MALES |
| 0 LESS 1 | 16 | 3.697 | 3.989 | 4.435 | 5.124 |
| 1 LESS 2 | 26 | 2.215 | 2.857 | 3.867 | 4.736 |
| 2 LESS 3 | 39 | 3.674 | 4.418 | 5.016 | 5.680 |
| 3 LESS 4 | 24 | 3.440 | 3.811 | 4.605 | 5.652 |
| 4 LESS 5 | 32 | 2.522 | 3.083 | 4.257 | 5.125 |
| 5 LESS 6 | 28 | 2.751 | 3.707 | 4.603 | 5.145 |
| 6 LESS 7 | 40 | 3.083 | 3.568 | 4.604 | 5.420 |
| 7 LESS 8 | 47 | 3.619 | 4.047 | 4.585 | 5.308 |
| 8 LESS 9 | 33 | 3.830 | 4.220 | 4.769 | 5.908 |
| 9 LESS 10 | 33 | 3.310 | 3.700 | 4.164 | 5.155 |
| 10 LESS 11 | 40 | 3.722 | 4.083 | 4.473 | 5.557 |
| 11 LESS 12 | 34 | 3.076 | 3.811 | 4.541 | 5.018 |

PERCENTILEBY AGE AND SEX

| **75** | **90** | **97** |
|---|---|---|
| 5.471 | 7.953 | 9.056 |
| 6.255 | 7.056 | 8.900 |
| 6.588 | 7.869 | 8.224 |
| 6.692 | 8.149 | 9.105 |
| 5.957 | 7.440 | 7.766 |
| 6.033 | 6.744 | 7.829 |
| 6.269 | 7.225 | 8.681 |
| 7.127 | 8.127 | 9.217 |
| 6.888 | 8.207 | 9.117 |
| 5.744 | 6.463 | 8.791 |
| 6.798 | 7.145 | 7.680 |
| 5.460 | 6.068 | 7.987 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) PERCENT

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** |
|---|---|---|---|---|---|---|
| | | | | | | FEMALES |
| 0 LESS 1 | 18 | 2.622 | 2.840 | 3.607 | 3.997 | 5.385 |
| 1 LESS 2 | 31 | 3.167 | 3.449 | 4.267 | 5.073 | 5.865 |
| 2 LESS 3 | 36 | 2.715 | 3.209 | 3.981 | 5.125 | 6.342 |
| 3 LESS 4 | 35 | 3.846 | 4.281 | 4.964 | 5.841 | 7.023 |
| 4 LESS 5 | 31 | 3.209 | 3.598 | 4.738 | 5.532 | 6.732 |
| 5 LESS 6 | 29 | 2.998 | 3.807 | 4.423 | 5.581 | 6.654 |
| 6 LESS 7 | 25 | 3.456 | 4.241 | 4.678 | 5.593 | 6.315 |
| 7 LESS 8 | 35 | 3.611 | 4.281 | 5.161 | 5.616 | 6.446 |
| 8 LESS 9 | 27 | 2.447 | 3.755 | 4.565 | 5.451 | 6.329 |
| 9 LESS 10 | 36 | 4.091 | 4.309 | 4.777 | 5.700 | 6.688 |
| 10 LESS 11 | 26 | 3.703 | 4.019 | 4.387 | 5.256 | 6.446 |
| 11 LESS 12 | 29 | 3.518 | 4.067 | 4.732 | 5.160 | 5.778 |

ILEBY AGE AND SEX

| **90** | **97** |
|---|---|
| 5.704 | 6.032 |
| 7.966 | 9.051 |
| 7.797 | 8.234 |
| 7.988 | 9.019 |
| 7.706 | 9.342 |
| 7.277 | 8.853 |
| 6.640 | 7.017 |
| 7.011 | 7.719 |
| 7.031 | 8.364 |
| 7.624 | 8.744 |
| 7.953 | 8.570 |
| 6.532 | 7.293 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) PERCENTILEBY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 LESS 1 | 34 | 2.705 | 3.273 | 3.855 | 4.782 | 5.429 | 5.809 | 8.775 |
| 1 LESS 2 | 57 | 2.457 | 3.397 | 4.034 | 4.920 | 6.003 | 7.381 | 8.992 |
| 2 LESS 3 | 75 | 2.745 | 3.694 | 4.585 | 5.461 | 6.479 | 7.835 | 8.225 |
| 3 LESS 4 | 59 | 3.645 | 4.074 | 4.782 | 5.774 | 6.925 | 8.047 | 9.056 |
| 4 LESS 5 | 63 | 2.764 | 3.330 | 4.392 | 5.360 | 6.458 | 7.524 | 8.323 |
| 5 LESS 6 | 57 | 2.825 | 3.742 | 4.473 | 5.489 | 6.315 | 7.057 | 8.068 |
| 6 LESS 7 | 65 | 3.170 | 3.828 | 4.619 | 5.490 | 6.292 | 6.881 | 8.291 |
| 7 LESS 8 | 82 | 3.613 | 4.139 | 4.821 | 5.708 | 6.769 | 7.704 | 9.035 |
| 8 LESS 9 | 60 | 3.481 | 4.083 | 4.668 | 5.643 | 6.578 | 8.037 | 8.976 |
| 9 LESS 10 | 69 | 3.570 | 3.988 | 4.425 | 5.360 | 6.072 | 7.349 | 8.749 |
| 10 LESS 11 | 66 | 3.710 | 4.053 | 4.434 | 5.434 | 6.747 | 7.176 | 8.518 |
| 11 LESS 12 | 63 | 3.284 | 3.908 | 4.649 | 5.080 | 5.557 | 6.387 | 7.761 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | MALES | | | | | | |
| 0 LESS 1 | 16 | 3.359 | 3.694 | 4.210 | 4.857 | 5.457 | 6.469 | 8.941 |
| 1 LESS 2 | 26 | 2.498 | 3.447 | 4.482 | 5.457 | 6.664 | 8.289 | 9.361 |
| 2 LESS 3 | 39 | 4.426 | 4.753 | 5.380 | 7.054 | 8.430 | 9.629 | 10.363 |
| 3 LESS 4 | 24 | 3.954 | 4.289 | 4.857 | 5.809 | 8.614 | 10.294 | 11.197 |
| 4 LESS 5 | 32 | 2.302 | 3.449 | 5.010 | 6.904 | 9.409 | 11.854 | 14.653 |
| 5 LESS 6 | 28 | 3.467 | 4.654 | 5.804 | 6.925 | 8.315 | 11.074 | 11.725 |
| 6 LESS 7 | 40 | 3.349 | 4.107 | 4.885 | 5.962 | 8.209 | 10.429 | 11.554 |
| 7 LESS 8 | 47 | 4.427 | 4.625 | 5.233 | 7.170 | 8.529 | 10.609 | 12.583 |
| 8 LESS 9 | 33 | 4.404 | 4.635 | 5.260 | 6.664 | 7.759 | 9.724 | 14.635 |
| 9 LESS 10 | 33 | 3.211 | 3.904 | 4.795 | 5.941 | 7.219 | 10.849 | 12.517 |
| 10 LESS 11 | 40 | 3.849 | 4.403 | 4.803 | 6.210 | 8.010 | 9.957 | 10.377 |
| 11 LESS 12 | 34 | 3.520 | 4.017 | 4.706 | 6.104 | 7.225 | 8.389 | 12.817 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) PERCENTILES BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| | | FEMALES | | | | | | |
| 0 LESS 1 | 18 | 2.354 | 2.855 | 3.509 | 4.257 | 5.109 | 5.674 | 6.052 |
| 1 LESS 2 | 31 | 3.897 | 4.114 | 4.760 | 6.664 | 8.180 | 10.384 | 14.671 |
| 2 LESS 3 | 36 | 3.225 | 3.730 | 4.707 | 6.889 | 8.409 | 10.167 | 12.181 |
| 3 LESS 4 | 35 | 4.531 | 4.826 | 5.779 | 7.105 | 9.260 | 10.729 | 12.799 |
| 4 LESS 5 | 31 | 3.493 | 4.029 | 6.359 | 7.729 | 9.889 | 11.884 | 12.871 |
| 5 LESS 6 | 29 | 3.751 | 4.542 | 5.260 | 7.182 | 9.139 | 12.289 | 15.307 |
| 6 LESS 7 | 25 | 3.079 | 4.265 | 4.729 | 6.132 | 8.270 | 9.065 | 9.979 |
| 7 LESS 8 | 25 | 4.130 | 4.555 | 5.159 | 6.854 | 8.459 | 10.264 | 10.999 |
| 8 LESS 9 | 27 | 2.516 | 4.324 | 5.679 | 6.432 | 7.579 | 8.502 | 10.543 |
| 9 LESS 10 | 36 | 3.539 | 4.443 | 4.803 | 6.104 | 8.514 | 10.213 | 10.981 |
| 10 LESS 11 | 26 | 3.098 | 3.994 | 4.909 | 5.614 | 8.465 | 10.017 | 10.290 |
| 11 LESS 12 | 29 | 3.751 | 3.994 | 4.489 | 5.954 | 7.125 | 9.844 | 11.107 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 LESS 1 | 34 | 2.620 | 3.254 | 3.847 | 4.575 | 5.304 | 5.929 | 8.617 |
| 1 LESS 2 | 57 | 3.314 | 3.864 | 4.597 | 5.904 | 7.382 | 9.604 | 13.603 |
| 2 LESS 3 | 75 | 3.460 | 4.332 | 5.119 | 6.963 | 8.420 | 9.954 | 12.079 |
| 3 LESS 4 | 59 | 4.164 | 4.596 | 5.279 | 6.582 | 8.859 | 10.444 | 12.367 |
| 4 LESS 5 | 63 | 2.582 | 3.722 | 5.559 | 7.157 | 9.629 | 11.862 | 12.895 |
| 5 LESS 6 | 57 | 3.552 | 4.574 | 5.619 | 7.036 | 8.839 | 11.669 | 14.203 |
| 6 LESS 7 | 65 | 3.199 | 4.154 | 4.798 | 6.009 | 8.239 | 10.032 | 11.329 |
| 7 LESS 8 | 82 | 4.302 | 4.596 | 5.185 | 7.041 | 8.503 | 10.377 | 12.076 |
| 8 LESS 9 | 60 | 3.969 | 4.575 | 5.486 | 6.505 | 7.707 | 9.214 | 11.149 |
| 9 LESS 10 | 69 | 3.368 | 4.189 | 4.798 | 6.009 | 8.359 | 10.314 | 12.493 |
| 10 LESS 11 | 66 | 3.508 | 4.237 | 4.827 | 5.965 | 8.185 | 9.983 | 10.330 |
| 11 LESS 12 | 63 | 3.587 | 4.001 | 4.640 | 6.027 | 7.164 | 9.049 | 11.095 |

CHILDREN'S WEIGHT (KG)

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 81 | 4.949 |
| 3 - 6 | 84 | 6.444 |
| 6 - 9 | 120 | 7.785 |
| 9 - 12 | 106 | 8.587 |
| 12 - 15 | 104 | 9.228 |
| 15 - 18 | 97 | 9.617 |
| 18 - 21 | 96 | 10.578 |
| 21 - 24 | 95 | 10.781 |
| 24 - 27 | 76 | 11.225 |
| 27 - 30 | 94 | 11.784 |
| 30 - 33 | 83 | 12.358 |
| 33 - 36 | 92 | 12.704 |
| 36 - 39 | 107 | 13.272 |
| 39 - 42 | 78 | 13.610 |
| 42 - 45 | 71 | 14.309 |
| 45 - 48 | 97 | 14.829 |
| 48 - 51 | 80 | 14.842 |
| 51 - 54 | 90 | 15.371 |
| 54 - 57 | 62 | 15.464 |
| 57 - 60 | 65 | 16.371 |
| 60 - 63 | 139 | 16.647 |

APPENDIX VIII

BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | M A L E S | | | | |
| 3.000 | 9.700 | 6.699 | 1.110 | 22.439 | 0.123 |
| 3.940 | 10.500 | 6.559 | 1.316 | 20.430 | 0.143 |
| 3.099 | 10.899 | 7.799 | 1.273 | 16.362 | 0.116 |
| 4.400 | 11.450 | 7.050 | 1.258 | 14.652 | 0.122 |
| 4.699 | 11.950 | 7.250 | 1.300 | 14.087 | 0.127 |
| 6.149 | 12.600 | 6.450 | 1.348 | 14.022 | 0.136 |
| 6.760 | 16.430 | 9.669 | 1.418 | 13.408 | 0.144 |
| 5.350 | 13.750 | 8.399 | 1.302 | 12.081 | 0.133 |
| 8.050 | 13.670 | 5.619 | 1.123 | 10.009 | 0.128 |
| 8.500 | 14.500 | 6.000 | 1.223 | 10.384 | 0.126 |
| 8.200 | 15.299 | 7.099 | 1.346 | 10.896 | 0.147 |
| 8.600 | 15.700 | 7.100 | 1.390 | 10.944 | 0.144 |
| 9.380 | 18.600 | 9.220 | 1.734 | 13.071 | 0.167 |
| 10.600 | 18.750 | 8.149 | 1.728 | 12.701 | 0.195 |
| 10.450 | 18.600 | 8.150 | 1.580 | 10.892 | 0.187 |
| 9.600 | 19.000 | 9.399 | 1.556 | 10.498 | 0.158 |
| 10.899 | 21.900 | 11.000 | 1.736 | 11.700 | 0.194 |
| 10.350 | 21.100 | 10.750 | 1.759 | 11.443 | 0.185 |
| 10.600 | 20.750 | 10.149 | 1.746 | 11.291 | 0.221 |
| 10.750 | 22.000 | 11.250 | 1.868 | 11.412 | 0.231 |
| 6.550 | 22.400 | 15.850 | 2.136 | 12.833 | 0.181 |

CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 87 | 4.323 | 2.639 | 6.100 | 3.460 | 0.765 | 17.704 | 0.082 |
| 3 - 6 | 95 | 6.141 | 3.099 | 9.399 | 6.299 | 1.097 | 17.876 | 0.112 |
| 6 - 9 | 86 | 7.381 | 4.449 | 11.200 | 6.750 | 1.061 | 14.384 | 0.114 |
| 9 - 12 | 91 | 8.053 | 4.949 | 10.700 | 5.750 | 0.986 | 12.252 | 0.103 |
| 12 - 15 | 96 | 8.427 | 5.699 | 11.130 | 5.430 | 1.160 | 13.773 | 0.118 |
| 15 - 18 | 100 | 9.144 | 5.199 | 14.549 | 9.350 | 1.282 | 14.020 | 0.128 |
| 18 - 21 | 71 | 9.575 | 6.500 | 11.950 | 5.450 | 1.182 | 12.347 | 0.140 |
| 21 - 24 | 83 | 10.316 | 6.800 | 15.750 | 8.950 | 1.606 | 15.573 | 0.176 |
| 24 - 27 | 115 | 10.849 | 7.000 | 14.000 | 7.000 | 1.309 | 12.080 | 0.122 |
| 27 - 30 | 69 | 11.433 | 7.500 | 14.299 | 6.799 | 1.285 | 11.246 | 0.154 |
| 30 - 33 | 92 | 11.997 | 8.800 | 15.000 | 6.199 | 1.261 | 10.517 | 0.131 |
| 33 - 36 | 82 | 12.270 | 6.550 | 17.600 | 11.050 | 1.637 | 13.346 | 0.180 |
| 36 - 39 | 95 | 12.908 | 10.300 | 16.500 | 6.199 | 1.309 | 10.143 | 0.134 |
| 39 - 42 | 71 | 13.475 | 10.000 | 18.400 | 8.400 | 1.657 | 12.302 | 0.196 |
| 42 - 45 | 73 | 14.014 | 10.250 | 18.250 | 7.999 | 1.624 | 11.588 | 0.190 |
| 45 - 48 | 93 | 14.204 | 9.800 | 17.700 | 7.899 | 1.589 | 11.187 | 0.164 |
| 48 - 51 | 86 | 14.473 | 10.600 | 19.700 | 9.100 | 1.628 | 11.250 | 0.175 |
| 51 - 54 | 58 | 14.710 | 9.540 | 18.650 | 9.110 | 1.766 | 12.011 | 0.232 |
| 54 - 57 | 40 | 15.235 | 11.899 | 20.549 | 8.649 | 1.649 | 10.824 | 0.260 |
| 57 - 60 | 67 | 15.686 | 12.000 | 21.000 | 9.000 | 1.912 | 12.194 | 0.233 |
| 60 - 63 | 158 | 16.183 | 6.100 | 23.200 | 17.099 | 2.196 | 13.573 | 0.174 |

CHILDREN'S WEIGHT (KG) BY (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 163 | 4.625 | 7.060 | 0.995 | 21.523 | 0.076 |
| 3 - 6 | 179 | 6.283 | 7.399 | 1.211 | 19.280 | 0.090 |
| 6 - 9 | 206 | 7.616 | 8.100 | 1.203 | 15.805 | 0.083 |
| 9 - 12 | 197 | 8.340 | 7.050 | 1.169 | 14.016 | 0.083 |
| 12 - 15 | 200 | 8.843 | 7.250 | 1.295 | 14.650 | 0.091 |
| 15 - 18 | 197 | 9.377 | 9.350 | 1.333 | 14.216 | 0.094 |
| 18 - 21 | 167 | 10.152 | 9.929 | 1.409 | 13.886 | 0.109 |
| 21 - 24 | 178 | 10.565 | 10.399 | 1.466 | 13.881 | 0.109 |
| 24 - 27 | 191 | 10.992 | 7.000 | 1.250 | 11.372 | 0.090 |
| 27 - 30 | 163 | 11.635 | 7.000 | 1.258 | 10.816 | 0.098 |
| 30 - 33 | 175 | 12.168 | 7.099 | 1.311 | 10.777 | 0.099 |
| 33 - 36 | 174 | 12.499 | 11.050 | 1.523 | 12.185 | 0.115 |
| 36 - 39 | 202 | 13.101 | 9.220 | 1.556 | 11.878 | 0.109 |
| 39 - 42 | 149 | 13.546 | 8.750 | 1.690 | 12.482 | 0.138 |
| 42 - 45 | 144 | 14.258 | 8.350 | 1.616 | 11.335 | 0.134 |
| 45 - 48 | 190 | 14.523 | 9.399 | 1.599 | 11.013 | 0.116 |
| 48 - 51 | 166 | 14.651 | 11.300 | 1.686 | 11.510 | 0.130 |
| 51 - 54 | 148 | 15.112 | 11.560 | 1.785 | 11.816 | 0.146 |
| 54 - 57 | 102 | 15.374 | 10.149 | 1.704 | 11.084 | 0.168 |
| 57 - 60 | 132 | 16.023 | 11.250 | 1.914 | 11.950 | 0.166 |
| 60 - 63 | 296 | 16.400 | 17.099 | 2.177 | 13.277 | 0.126 |

MEAN WEIGHT INCREMENT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0- 3 | 4.949 | 4.323 |
| 3- 6 | 1.494 | 1.817 |
| 6- 9 | 1.341 | 1.240 |
| 9-12 | 0.802 | 0.671 |
| 12-15 | 0.640 | 0.374 |
| 15-18 | 0.389 | 0.716 |
| 18-21 | 0.960 | 0.431 |
| 21-24 | 0.203 | 0.742 |
| 24-27 | 0.443 | 0.520 |
| 27-30 | 0.559 | 0.594 |
| 30-33 | 0.574 | 0.563 |
| 33-36 | 0.345 | 0.272 |
| 36-39 | 0.568 | 0.638 |
| 39-42 | 0.337 | 0.566 |
| 42-45 | 0.899 | 0.539 |
| 45-48 | 0.319 | 0.189 |
| 48-51 | 0.612 | 0.268 |
| 51-54 | 0.529 | 0.237 |
| 54-57 | 0.092 | 0.525 |
| 57-60 | 0.906 | 0.451 |
| 60-63 | 0.276 | 0.496 |

CHILDREN'S HEIGHT (CM)

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 81 | 56.682 |
| 3 - 6 | 84 | 63.320 |
| 6 - 9 | 120 | 67.419 |
| 9 - 12 | 107 | 70.451 |
| 12 - 15 | 102 | 73.555 |
| 15 - 18 | 96 | 76.562 |
| 18 - 21 | 96 | 78.287 |
| 21 - 24 | 93 | 80.683 |
| 24 - 27 | 76 | 81.943 |
| 27 - 30 | 93 | 83.462 |
| 30 - 33 | 84 | 85.782 |
| 33 - 36 | 93 | 87.803 |
| 36 - 39 | 106 | 89.254 |
| 39 - 42 | 78 | 91.225 |
| 42 - 45 | 71 | 94.201 |
| 45 - 48 | 97 | 96.347 |
| 48 - 51 | 80 | 96.512 |
| 51 - 54 | 90 | 97.882 |
| 54 - 57 | 61 | 100.665 |
| 57 - 60 | 65 | 102.824 |
| 60 - 63 | 138 | 102.597 |

BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | M A L E S | | | | |
| 44.599 | 74.199 | 29.599 | 4.530 | 7.992 | 0.503 |
| 53.000 | 79.199 | 26.199 | 4.208 | 6.645 | 0.459 |
| 55.699 | 91.000 | 35.300 | 3.800 | 5.637 | 0.346 |
| 59.199 | 76.900 | 17.700 | 2.692 | 3.821 | 0.260 |
| 59.800 | 80.900 | 21.100 | 3.663 | 4.980 | 0.362 |
| 63.400 | 84.400 | 21.000 | 3.454 | 4.511 | 0.352 |
| 39.500 | 96.100 | 56.600 | 6.500 | 8.303 | 0.663 |
| 71.199 | 90.000 | 18.800 | 4.072 | 5.047 | 0.422 |
| 71.000 | 92.000 | 21.000 | 4.154 | 5.070 | 0.476 |
| 34.300 | 95.000 | 60.699 | 7.198 | 8.624 | 0.746 |
| 48.099 | 98.900 | 50.800 | 6.467 | 7.539 | 0.705 |
| 43.000 | 103.000 | 60.000 | 6.516 | 7.422 | 0.675 |
| 67.699 | 99.000 | 31.300 | 5.060 | 5.669 | 0.491 |
| 79.000 | 103.500 | 24.500 | 4.397 | 4.820 | 0.497 |
| 83.400 | 111.500 | 28.099 | 4.532 | 4.611 | 0.537 |
| 72.600 | 109.100 | 36.500 | 4.334 | 4.499 | 0.440 |
| 67.100 | 110.300 | 43.200 | 5.094 | 5.278 | 0.569 |
| 76.500 | 111.899 | 35.400 | 5.226 | 5.339 | 0.550 |
| 91.199 | 114.300 | 23.100 | 4.083 | 4.056 | 0.522 |
| 94.900 | 114.899 | 19.999 | 4.124 | 4.010 | 0.511 |
| 40.099 | 123.300 | 83.200 | 9.377 | 9.140 | 0.798 |

BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | F E M A L E S | | | | |
| 39.400 | 63.199 | 23.799 | 3.190 | 5.820 | 0.342 |
| 54.099 | 77.300 | 23.200 | 3.526 | 5.745 | 0.361 |
| 56.000 | 73.199 | 17.199 | 3.555 | 5.421 | 0.383 |
| 54.400 | 76.400 | 22.000 | 3.385 | 4.898 | 0.354 |
| 63.000 | 94.400 | 31.400 | 4.430 | 6.127 | 0.454 |
| 65.500 | 84.100 | 18.600 | 3.949 | 5.305 | 0.392 |
| 35.300 | 86.400 | 51.100 | 5.912 | 7.716 | 0.701 |
| 65.800 | 101.000 | 35.200 | 4.539 | 5.711 | 0.504 |
| 54.300 | 90.300 | 36.000 | 4.508 | 5.567 | 0.422 |
| 68.800 | 94.100 | 25.300 | 4.377 | 5.248 | 0.526 |
| 65.800 | 101.900 | 36.100 | 4.810 | 5.612 | 0.504 |
| 54.900 | 99.199 | 44.299 | 6.023 | 6.973 | 0.665 |
| 63.699 | 109.100 | 45.400 | 5.120 | 5.746 | 0.525 |
| 72.699 | 109.000 | 36.300 | 5.415 | 5.900 | 0.642 |
| 60.800 | 109.600 | 48.800 | 6.455 | 6.891 | 0.755 |
| 82.900 | 104.399 | 21.499 | 4.582 | 4.827 | 0.475 |
| 82.800 | 107.100 | 24.300 | 4.192 | 4.390 | 0.452 |
| 78.300 | 112.199 | 33.900 | 5.547 | 5.692 | 0.728 |
| 91.400 | 112.600 | 21.200 | 4.379 | 4.418 | 0.692 |
| 60.900 | 112.500 | 51.599 | 6.802 | 6.775 | 0.831 |
| 64.699 | 120.300 | 55.600 | 6.789 | 6.592 | 0.540 |

CHILDREN'S HEIGHT (CM)

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 87 | 54.805 |
| 3 - 6 | 95 | 61.382 |
| 6 - 9 | 86 | 65.583 |
| 9 - 12 | 91 | 69.103 |
| 12 - 15 | 95 | 72.308 |
| 15 - 18 | 101 | 74.443 |
| 18 - 21 | 71 | 76.614 |
| 21 - 24 | 81 | 79.485 |
| 24 - 27 | 114 | 80.983 |
| 27 - 30 | 69 | 83.392 |
| 30 - 33 | 91 | 85.708 |
| 33 - 36 | 82 | 86.374 |
| 36 - 39 | 95 | 89.094 |
| 39 - 42 | 71 | 91.781 |
| 42 - 45 | 73 | 93.672 |
| 45 - 48 | 93 | 94.926 |
| 48 - 51 | 86 | 95.491 |
| 51 - 54 | 58 | 97.444 |
| 54 - 57 | 40 | 99.102 |
| 57 - 60 | 67 | 100.395 |
| 60 - 63 | 158 | 102.987 |

CHILDREN'S HEIGHT

| AGE(MONTHS) |
| --- |
| 0 - 3 |
| 3 - 6 |
| 6 - 9 |
| 9 - 12 |
| 12 - 15 |
| 15 - 18 |
| 18 - 21 |
| 21 - 24 |
| 24 - 27 |
| 27 - 30 |
| 30 - 33 |
| 33 - 36 |
| 36 - 39 |
| 39 - 42 |
| 42 - 45 |
| 45 - 48 |
| 48 - 51 |
| 51 - 54 |
| 54 - 57 |
| 57 - 60 |
| 60 - 63 |

(CM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|
| 168 | 55.710 | 34.799 | 3.994 | 7.170 | 0.308 |
| 179 | 62.291 | 26.199 | 3.970 | 6.374 | 0.296 |
| 206 | 66.653 | 35.300 | 3.801 | 5.703 | 0.264 |
| 198 | 69.831 | 22.500 | 3.096 | 4.434 | 0.220 |
| 197 | 72.954 | 34.600 | 4.089 | 5.604 | 0.291 |
| 197 | 75.476 | 21.000 | 3.855 | 5.108 | 0.274 |
| 167 | 77.576 | 60.800 | 6.293 | 8.113 | 0.487 |
| 174 | 80.125 | 35.200 | 4.325 | 5.398 | 0.327 |
| 190 | 81.367 | 37.699 | 4.384 | 5.388 | 0.318 |
| 162 | 83.432 | 60.699 | 6.140 | 7.359 | 0.482 |
| 175 | 85.744 | 53.800 | 5.649 | 6.588 | 0.427 |
| 175 | 87.133 | 60.000 | 6.312 | 7.245 | 0.477 |
| 201 | 89.179 | 45.400 | 5.076 | 5.692 | 0.358 |
| 149 | 91.490 | 36.300 | 4.899 | 5.355 | 0.401 |
| 144 | 93.933 | 50.699 | 5.577 | 5.937 | 0.464 |
| 190 | 95.652 | 36.500 | 4.502 | 4.707 | 0.326 |
| 166 | 95.983 | 43.200 | 4.662 | 4.858 | 0.361 |
| 148 | 97.710 | 35.700 | 5.340 | 5.465 | 0.438 |
| 101 | 100.046 | 23.100 | 4.251 | 4.249 | 0.423 |
| 132 | 101.591 | 53.999 | 5.753 | 5.663 | 0.500 |
| 296 | 102.805 | 83.200 | 8.087 | 7.866 | 0.470 |

MEAN HEIGHT INCREMENT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0- 3 | 56.682 | 54.805 |
| 3- 6 | 6.637 | 6.576 |
| 6- 9 | 4.098 | 4.201 |
| 9-12 | 3.032 | 3.519 |
| 12-15 | 3.104 | 3.205 |
| 15-18 | 3.006 | 2.135 |
| 18-21 | 1.725 | 2.170 |
| 21-24 | 2.396 | 2.871 |
| 24-27 | 1.259 | 1.498 |
| 27-30 | 1.518 | 2.409 |
| 30-33 | 2.319 | 2.316 |
| 33-36 | 2.021 | 0.665 |
| 36-39 | 1.451 | 2.720 |
| 39-42 | 1.970 | 2.686 |
| 42-45 | 2.975 | 1.890 |
| 45-48 | 2.146 | 1.254 |
| 48-51 | 0.165 | 0.564 |
| 51-54 | 1.369 | 1.952 |
| 54-57 | 2.783 | 1.657 |
| 57-60 | 2.159 | 1.293 |
| 60-63 | -0.227 | 2.591 |

MEAN WEIGHT/HEIGHT RATIO

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 81 | 0.086 |
| 3 - 6 | 84 | 0.101 |
| 6 - 9 | 118 | 0.115 |
| 9 - 12 | 106 | 0.121 |
| 12 - 15 | 102 | 0.125 |
| 15 - 18 | 96 | 0.125 |
| 18 - 21 | 95 | 0.136 |
| 21 - 24 | 93 | 0.133 |
| 24 - 27 | 76 | 0.136 |
| 27 - 30 | 93 | 0.142 |
| 30 - 33 | 83 | 0.144 |
| 33 - 36 | 92 | 0.145 |
| 36 - 39 | 106 | 0.148 |
| 39 - 42 | 78 | 0.148 |
| 42 - 45 | 71 | 0.153 |
| 45 - 48 | 97 | 0.153 |
| 48 - 51 | 80 | 0.153 |
| 51 - 54 | 90 | 0.156 |
| 54 - 57 | 61 | 0.153 |
| 57 - 60 | 65 | 0.158 |
| 60 - 63 | 138 | 0.163 |

(KG/CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | | M A L E S | | | |
| 0.058 | 0.130 | 0.072 | 0.013 | 15.656 | 0.001 |
| 0.069 | 0.135 | 0.066 | 0.015 | 15.469 | 0.001 |
| 0.043 | 0.150 | 0.107 | 0.016 | 14.662 | 0.001 |
| 0.074 | 0.161 | 0.087 | 0.015 | 12.892 | 0.001 |
| 0.065 | 0.153 | 0.088 | 0.015 | 12.033 | 0.001 |
| 0.078 | 0.151 | 0.073 | 0.014 | 11.405 | 0.001 |
| 0.090 | 0.265 | 0.175 | 0.021 | 15.750 | 0.002 |
| 0.068 | 0.174 | 0.106 | 0.013 | 9.765 | 0.001 |
| 0.112 | 0.161 | 0.049 | 0.010 | 7.369 | 0.001 |
| 0.105 | 0.325 | 0.219 | 0.025 | 17.671 | 0.002 |
| 0.116 | 0.249 | 0.133 | 0.018 | 12.599 | 0.002 |
| 0.117 | 0.311 | 0.193 | 0.021 | 14.450 | 0.002 |
| 0.111 | 0.216 | 0.105 | 0.016 | 10.817 | 0.001 |
| 0.115 | 0.195 | 0.079 | 0.015 | 10.309 | 0.001 |
| 0.120 | 0.185 | 0.065 | 0.013 | 8.546 | 0.001 |
| 0.123 | 0.194 | 0.070 | 0.013 | 8.614 | 0.001 |
| 0.112 | 0.215 | 0.103 | 0.015 | 9.984 | 0.001 |
| 0.126 | 0.194 | 0.068 | 0.013 | 8.725 | 0.001 |
| 0.099 | 0.196 | 0.096 | 0.014 | 9.406 | 0.001 |
| 0.105 | 0.191 | 0.085 | 0.013 | 8.691 | 0.001 |
| 0.104 | 0.431 | 0.326 | 0.028 | 17.500 | 0.002 |

MEAN WEIGHT/HEIGHT RATIO

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 87 | 0.078 |
| 3 - 6 | 95 | 0.099 |
| 6 - 9 | 85 | 0.112 |
| 9 - 12 | 91 | 0.116 |
| 12 - 15 | 95 | 0.116 |
| 15 - 18 | 100 | 0.122 |
| 18 - 21 | 71 | 0.125 |
| 21 - 24 | 81 | 0.129 |
| 24 - 27 | 114 | 0.133 |
| 27 - 30 | 69 | 0.136 |
| 30 - 33 | 91 | 0.140 |
| 33 - 36 | 82 | 0.142 |
| 36 - 39 | 95 | 0.144 |
| 39 - 42 | 71 | 0.146 |
| 42 - 45 | 73 | 0.149 |
| 45 - 48 | 93 | 0.149 |
| 48 - 51 | 86 | 0.151 |
| 51 - 54 | 58 | 0.150 |
| 54 - 57 | 40 | 0.153 |
| 57 - 60 | 67 | 0.156 |
| 60 - 63 | 158 | 0.156 |

(KG/CM) BY AGE AND SEX



CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | F E M A L E S | | | | |
| 0.051 | 0.103 | 0.051 | 0.011 | 14.008 | 0.001 |
| 0.052 | 0.160 | 0.107 | 0.015 | 15.106 | 0.001 |
| 0.078 | 0.156 | 0.077 | 0.012 | 11.478 | 0.001 |
| 0.082 | 0.156 | 0.073 | 0.012 | 10.438 | 0.001 |
| 0.083 | 0.146 | 0.062 | 0.013 | 11.768 | 0.001 |
| 0.074 | 0.184 | 0.110 | 0.014 | 11.954 | 0.001 |
| 0.089 | 0.264 | 0.175 | 0.021 | 16.698 | 0.002 |
| 0.090 | 0.189 | 0.099 | 0.016 | 12.916 | 0.001 |
| 0.103 | 0.195 | 0.091 | 0.014 | 10.709 | 0.001 |
| 0.106 | 0.166 | 0.060 | 0.012 | 8.814 | 0.001 |
| 0.096 | 0.170 | 0.073 | 0.011 | 8.314 | 0.001 |
| 0.089 | 0.204 | 0.115 | 0.017 | 12.486 | 0.001 |
| 0.115 | 0.211 | 0.096 | 0.012 | 8.964 | 0.001 |
| 0.113 | 0.183 | 0.069 | 0.013 | 9.521 | 0.001 |
| 0.109 | 0.197 | 0.087 | 0.015 | 10.483 | 0.001 |
| 0.107 | 0.182 | 0.074 | 0.013 | 8.786 | 0.001 |
| 0.121 | 0.212 | 0.090 | 0.014 | 9.818 | 0.001 |
| 0.121 | 0.183 | 0.061 | 0.013 | 8.792 | 0.001 |
| 0.126 | 0.189 | 0.063 | 0.012 | 8.421 | 0.002 |
| 0.129 | 0.197 | 0.067 | 0.014 | 9.517 | 0.001 |
| 0.094 | 0.223 | 0.128 | 0.017 | 10.893 | 0.001 |

MEAN WEIGHT/HEIGHT

| AGE(MONTHS) |
| --- |
| 0 - 3 |
| 3 - 6 |
| 6 - 9 |
| 9 - 12 |
| 12 - 15 |
| 15 - 18 |
| 18 - 21 |
| 21 - 24 |
| 24 - 27 |
| 27 - 30 |
| 30 - 33 |
| 33 - 36 |
| 36 - 39 |
| 39 - 42 |
| 42 - 45 |
| 45 - 48 |
| 48 - 51 |
| 51 - 54 |
| 54 - 57 |
| 57 - 60 |
| 60 - 63 |

RATIO (KG/CM) BY AGE (SEX COMBINED) 11

CHILD GROWTH SURVEY - AMMAN

| NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|
| 168 | 0.082 | 0.078 | 0.012 | 15.657 | 0.000 |
| 179 | 0.100 | 0.107 | 0.015 | 15.253 | 0.001 |
| 203 | 0.113 | 0.112 | 0.015 | 13.476 | 0.001 |
| 197 | 0.119 | 0.087 | 0.014 | 12.051 | 0.001 |
| 197 | 0.120 | 0.088 | 0.015 | 12.446 | 0.001 |
| 196 | 0.123 | 0.110 | 0.014 | 11.702 | 0.001 |
| 166 | 0.131 | 0.176 | 0.021 | 16.541 | 0.001 |
| 174 | 0.131 | 0.120 | 0.014 | 11.367 | 0.001 |
| 190 | 0.134 | 0.091 | 0.012 | 9.525 | 0.000 |
| 162 | 0.140 | 0.219 | 0.020 | 14.858 | 0.001 |
| 174 | 0.142 | 0.152 | 0.015 | 10.741 | 0.001 |
| 174 | 0.143 | 0.222 | 0.019 | 13.591 | 0.001 |
| 201 | 0.146 | 0.105 | 0.014 | 10.040 | 0.001 |
| 149 | 0.147 | 0.081 | 0.014 | 9.946 | 0.001 |
| 144 | 0.151 | 0.087 | 0.014 | 9.612 | 0.001 |
| 190 | 0.151 | 0.086 | 0.013 | 8.791 | 0.000 |
| 166 | 0.152 | 0.103 | 0.015 | 9.898 | 0.001 |
| 148 | 0.154 | 0.072 | 0.013 | 8.939 | 0.001 |
| 101 | 0.153 | 0.096 | 0.013 | 8.986 | 0.001 |
| 132 | 0.157 | 0.091 | 0.014 | 9.119 | 0.001 |
| 296 | 0.159 | 0.337 | 0.023 | 14.609 | 0.001 |

MEAN WEIGHT/HEIGHT INCREMENT (KG/CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES | |
|---|---|---|
| | MALES | FEMALES |
| 0- 3 | 0.086 | 0.078 |
| 3- 6 | 0.014 | 0.021 |
| 6- 9 | 0.013 | 0.012 |
| 9-12 | 0.006 | 0.004 |
| 12-15 | 0.003 | -0.000 |
| 15-18 | -0.000 | 0.006 |
| 18-21 | 0.010 | 0.003 |
| 21-24 | -0.002 | 0.003 |
| 24-27 | 0.003 | 0.004 |
| 27-30 | 0.006 | 0.003 |
| 30-33 | 0.001 | 0.003 |
| 33-36 | 0.000 | 0.002 |
| 36-39 | 0.002 | 0.002 |
| 39-42 | 0.000 | 0.001 |
| 42-45 | 0.004 | 0.003 |
| 45-48 | -0.000 | -0.000 |
| 48-51 | -0.000 | 0.002 |
| 51-54 | 0.003 | -0.000 |
| 54-57 | -0.003 | 0.002 |
| 57-60 | 0.005 | 0.002 |
| 60-63 | 0.004 | 0.000 |

CHILDREN'S HEAD CIRCUMFER

| AGE (MONTHS) | NUMBER | M E A N |
|---|---|---|
| 0 - 3 | 81 | 38.453 |
| 3 - 6 | 84 | 41.499 |
| 6 - 9 | 122 | 43.501 |
| 9 - 12 | 107 | 44.743 |
| 12 - 15 | 103 | 45.266 |
| 15 - 18 | 97 | 45.918 |
| 18 - 21 | 97 | 46.336 |
| 21 - 24 | 95 | 46.677 |
| 24 - 27 | 76 | 46.855 |
| 27 - 30 | 94 | 47.248 |
| 30 - 33 | 84 | 47.548 |
| 33 - 36 | 93 | 47.798 |
| 36 - 39 | 107 | 48.227 |
| 39 - 42 | 78 | 48.105 |
| 42 - 45 | 71 | 48.907 |
| 45 - 48 | 97 | 48.860 |
| 48 - 51 | 80 | 48.688 |
| 51 - 54 | 90 | 49.087 |
| 54 - 57 | 62 | 49.051 |
| 57 - 60 | 65 | 49.336 |
| 60 - 63 | 137 | 49.395 |

ENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | | M A L E S | | | |
| 33.700 | 47.300 | 13.600 | 2.242 | 5.830 | 0.249 |
| 35.300 | 51.500 | 16.200 | 2.504 | 6.036 | 0.273 |
| 40.000 | 49.000 | 9.000 | 1.601 | 3.682 | 0.145 |
| 39.000 | 49.000 | 10.000 | 1.710 | 3.822 | 0.165 |
| 40.000 | 49.800 | 9.800 | 1.737 | 3.838 | 0.171 |
| 42.200 | 49.300 | 7.099 | 1.476 | 3.215 | 0.149 |
| 41.200 | 50.500 | 9.299 | 1.484 | 3.204 | 0.150 |
| 42.000 | 50.200 | 8.200 | 1.594 | 3.402 | 0.163 |
| 41.000 | 50.500 | 9.500 | 1.465 | 3.127 | 0.168 |
| 42.600 | 50.500 | 7.699 | 1.431 | 3.030 | 0.147 |
| 41.800 | 50.300 | 8.500 | 1.365 | 2.914 | 0.151 |
| 42.200 | 52.000 | 9.799 | 1.731 | 3.622 | 0.179 |
| 44.500 | 51.800 | 7.300 | 1.278 | 2.650 | 0.123 |
| 41.000 | 52.000 | 11.000 | 1.791 | 3.723 | 0.202 |
| 45.500 | 51.500 | 6.000 | 1.241 | 2.537 | 0.147 |
| 44.500 | 51.400 | 6.900 | 1.284 | 2.628 | 0.130 |
| 46.000 | 51.599 | 5.599 | 1.270 | 2.608 | 0.142 |
| 45.599 | 52.000 | 6.400 | 1.243 | 2.532 | 0.131 |
| 46.500 | 52.000 | 5.500 | 1.404 | 2.863 | 0.178 |
| 45.599 | 52.000 | 6.400 | 1.337 | 2.711 | 0.165 |
| 41.000 | 52.699 | 11.699 | 1.683 | 3.407 | 0.143 |

CHILDREN'S HEAD CIRCUMF

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 87 | 37.326 |
| 3 - 6 | 95 | 40.505 |
| 6 - 9 | 87 | 42.054 |
| 9 - 12 | 91 | 43.183 |
| 12 - 15 | 96 | 44.006 |
| 15 - 18 | 101 | 44.780 |
| 18 - 21 | 71 | 44.990 |
| 21 - 24 | 83 | 45.536 |
| 24 - 27 | 114 | 46.144 |
| 27 - 30 | 89 | 46.315 |
| 30 - 33 | 91 | 46.564 |
| 33 - 36 | 82 | 46.876 |
| 36 - 39 | 95 | 47.146 |
| 39 - 42 | 72 | 47.322 |
| 42 - 45 | 73 | 47.521 |
| 45 - 48 | 92 | 47.609 |
| 48 - 51 | 85 | 47.645 |
| 51 - 54 | 58 | 47.734 |
| 54 - 57 | 40 | 48.432 |
| 57 - 60 | 67 | 48.477 |
| 60 - 63 | 158 | 48.502 |

ERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | F E M A L E S | | | | |
| 34.000 | 44.500 | 10.500 | 1.908 | 5.113 | 0.204 |
| 36.099 | 49.099 | 13.000 | 2.303 | 5.687 | 0.236 |
| 37.700 | 46.099 | 8.399 | 1.650 | 3.925 | 0.176 |
| 36.599 | 47.500 | 10.900 | 1.601 | 3.708 | 0.167 |
| 39.500 | 48.800 | 9.300 | 1.628 | 3.700 | 0.166 |
| 40.500 | 52.000 | 11.500 | 1.745 | 3.896 | 0.173 |
| 41.500 | 49.500 | 8.000 | 1.450 | 3.224 | 0.172 |
| 41.500 | 48.800 | 7.300 | 1.513 | 3.324 | 0.166 |
| 41.000 | 49.599 | 8.600 | 1.573 | 3.409 | 0.147 |
| 42.400 | 52.000 | 9.600 | 1.737 | 3.735 | 0.209 |
| 43.000 | 50.000 | 7.000 | 1.336 | 2.870 | 0.140 |
| 42.800 | 52.000 | 9.199 | 1.635 | 3.486 | 0.180 |
| 40.800 | 51.000 | 10.199 | 1.541 | 3.269 | 0.158 |
| 43.800 | 49.900 | 6.099 | 1.234 | 2.609 | 0.145 |
| 44.400 | 51.000 | 6.599 | 1.437 | 3.024 | 0.168 |
| 40.400 | 51.200 | 10.800 | 1.511 | 3.175 | 0.157 |
| 41.500 | 51.699 | 10.199 | 2.015 | 4.230 | 0.218 |
| 44.500 | 51.500 | 7.000 | 1.527 | 3.200 | 0.200 |
| 45.000 | 52.000 | 7.000 | 1.504 | 3.107 | 0.237 |
| 46.000 | 51.000 | 5.000 | 1.245 | 2.569 | 0.152 |
| 41.599 | 52.000 | 10.400 | 1.330 | 2.743 | 0.105 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 87 | 37.326 | 34.000 | 44.500 | 10.500 | 1.908 | 5.113 | 0.204 |
| 3 - 6 | 95 | 46.505 | 36.099 | 49.099 | 13.000 | 2.303 | 5.687 | 0.236 |
| 6 - 9 | 87 | 42.054 | 37.700 | 46.099 | 8.399 | 1.650 | 3.925 | 0.176 |
| 9 - 12 | 91 | 43.183 | 36.599 | 47.500 | 10.900 | 1.601 | 3.708 | 0.167 |
| 12 - 15 | 96 | 44.006 | 39.500 | 48.800 | 9.300 | 1.628 | 3.700 | 0.166 |
| 15 - 18 | 101 | 44.780 | 40.500 | 52.000 | 11.500 | 1.745 | 3.896 | 0.173 |
| 18 - 21 | 71 | 44.990 | 41.500 | 49.500 | 8.000 | 1.450 | 3.224 | 0.172 |
| 21 - 24 | 63 | 45.536 | 41.500 | 48.800 | 7.300 | 1.513 | 3.324 | 0.166 |
| 24 - 27 | 114 | 46.144 | 41.000 | 49.599 | 8.600 | 1.573 | 3.409 | 0.147 |
| 27 - 30 | 69 | 46.315 | 42.400 | 52.000 | 9.600 | 1.737 | 3.735 | 0.209 |
| 30 - 33 | 91 | 46.564 | 43.000 | 50.000 | 7.000 | 1.336 | 2.870 | 0.140 |
| 33 - 36 | 82 | 46.876 | 42.800 | 52.000 | 9.199 | 1.635 | 3.488 | 0.180 |
| 36 - 39 | 95 | 47.146 | 40.800 | 51.000 | 10.199 | 1.541 | 3.269 | 0.158 |
| 39 - 42 | 72 | 47.322 | 43.800 | 49.900 | 6.099 | 1.234 | 2.609 | 0.145 |
| 42 - 45 | 73 | 47.521 | 44.400 | 51.000 | 6.599 | 1.437 | 3.024 | 0.168 |
| 45 - 48 | 92 | 47.609 | 40.400 | 51.200 | 10.800 | 1.511 | 3.175 | 0.157 |
| 48 - 51 | 85 | 47.645 | 41.500 | 51.699 | 10.199 | 2.015 | 4.230 | 0.218 |
| 51 - 54 | 58 | 47.734 | 44.500 | 51.500 | 7.000 | 1.527 | 3.200 | 0.200 |
| 54 - 57 | 40 | 48.432 | 45.000 | 52.000 | 7.000 | 1.504 | 3.107 | 0.237 |
| 57 - 60 | 67 | 48.477 | 46.000 | 51.000 | 5.000 | 1.245 | 2.569 | 0.152 |
| 60 - 63 | 158 | 48.502 | 41.599 | 52.000 | 10.400 | 1.330 | 2.743 | 0.105 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 168 | 37.869 | 13.600 | 2.145 | 5.665 | 0.165 |
| 3 - 6 | 179 | 40.972 | 16.200 | 2.444 | 5.966 | 0.182 |
| 6 - 9 | 209 | 42.899 | 11.299 | 1.769 | 4.124 | 0.122 |
| 9 - 12 | 198 | 44.026 | 12.400 | 1.831 | 4.159 | 0.130 |
| 12 - 15 | 199 | 44.658 | 10.300 | 1.795 | 4.021 | 0.127 |
| 15 - 18 | 198 | 45.337 | 11.500 | 1.712 | 3.777 | 0.121 |
| 18 - 21 | 168 | 45.767 | 9.299 | 1.610 | 3.519 | 0.124 |
| 21 - 24 | 178 | 46.252 | 8.700 | 1.691 | 3.658 | 0.126 |
| 24 - 27 | 190 | 46.428 | 9.500 | 1.566 | 3.373 | 0.113 |
| 27 - 30 | 163 | 46.938 | 9.600 | 1.604 | 3.418 | 0.125 |
| 30 - 33 | 175 | 47.037 | 8.500 | 1.443 | 3.068 | 0.109 |
| 33 - 36 | 175 | 47.366 | 9.799 | 1.744 | 3.682 | 0.131 |
| 36 - 39 | 202 | 47.719 | 11.000 | 1.505 | 3.154 | 0.105 |
| 39 - 42 | 150 | 47.729 | 11.000 | 1.593 | 3.338 | 0.130 |
| 42 - 45 | 144 | 48.204 | 7.099 | 1.508 | 3.130 | 0.125 |
| 45 - 48 | 189 | 48.251 | 11.000 | 1.530 | 3.171 | 0.111 |
| 48 - 51 | 165 | 48.151 | 10.199 | 1.769 | 3.674 | 0.137 |
| 51 - 54 | 148 | 48.557 | 7.500 | 1.509 | 3.109 | 0.124 |
| 54 - 57 | 102 | 48.808 | 7.000 | 1.468 | 3.009 | 0.145 |
| 57 - 60 | 132 | 48.900 | 6.400 | 1.357 | 2.775 | 0.118 |
| 60 - 63 | 295 | 48.918 | 11.699 | 1.567 | 3.204 | 0.091 |

MEAN HEAD CIRCUMFERNCE INCREMENT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0- 3 | 38.453 | 37.326 |
| 3- 6 | 3.046 | 3.178 |
| 6- 9 | 2.001 | 1.548 |
| 9-12 | 1.242 | 1.129 |
| 12-15 | 0.523 | 0.822 |
| 15-18 | 0.651 | 0.773 |
| 18-21 | 0.417 | 0.209 |
| 21-24 | 0.541 | 0.546 |
| 24-27 | -0.022 | 0.608 |
| 27-30 | 0.393 | 0.371 |
| 30-33 | 0.299 | 0.048 |
| 33-36 | 0.250 | 0.311 |
| 36-39 | 0.429 | 0.269 |
| 39-42 | -0.122 | 0.175 |
| 42-45 | 0.801 | 0.199 |
| 45-48 | -0.046 | 0.087 |
| 48-51 | -0.172 | 0.036 |
| 51-54 | 0.399 | 0.088 |
| 54-57 | -0.036 | 0.698 |
| 57-60 | 0.285 | 0.045 |
| 60-63 | 0.062 | 0.024 |

CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 87 | 11.303 | 8.000 | 17.400 | 9.399 | 1.413 | 12.501 | 0.151 |
| 3 - 6 | 93 | 12.756 | 10.200 | 17.000 | 6.799 | 1.244 | 9.759 | 0.127 |
| 6 - 9 | 87 | 13.166 | 10.500 | 15.500 | 5.000 | 1.135 | 8.620 | 0.121 |
| 9 - 12 | 89 | 13.660 | 11.500 | 16.500 | 4.999 | 1.123 | 8.222 | 0.119 |
| 12 - 15 | 96 | 13.521 | 8.800 | 17.000 | 8.199 | 1.338 | 9.897 | 0.136 |
| 15 - 18 | 101 | 13.495 | 9.000 | 16.000 | 7.000 | 1.185 | 8.784 | 0.117 |
| 18 - 21 | 71 | 13.818 | 11.200 | 16.299 | 5.099 | 1.154 | 8.357 | 0.137 |
| 21 - 24 | 83 | 14.055 | 12.000 | 17.000 | 4.999 | 1.206 | 8.580 | 0.132 |
| 24 - 27 | 114 | 14.372 | 11.000 | 18.400 | 7.400 | 1.252 | 8.716 | 0.117 |
| 27 - 30 | 68 | 14.569 | 10.000 | 18.000 | 7.999 | 1.441 | 9.890 | 0.174 |
| 30 - 33 | 92 | 14.984 | 12.700 | 19.000 | 6.299 | 0.998 | 6.661 | 0.104 |
| 33 - 36 | 82 | 14.854 | 9.000 | 19.000 | 10.000 | 1.411 | 9.504 | 0.155 |
| 36 - 39 | 94 | 15.158 | 13.000 | 19.500 | 6.499 | 1.259 | 8.310 | 0.129 |
| 39 - 42 | 71 | 15.160 | 12.399 | 17.500 | 5.099 | 1.138 | 7.509 | 0.135 |
| 42 - 45 | 72 | 15.373 | 13.000 | 18.000 | 4.999 | 1.186 | 7.720 | 0.139 |
| 45 - 48 | 93 | 15.283 | 12.500 | 18.500 | 5.999 | 1.134 | 7.421 | 0.117 |
| 48 - 51 | 85 | 15.482 | 12.500 | 18.500 | 5.999 | 1.183 | 7.646 | 0.128 |
| 51 - 54 | 58 | 15.348 | 11.000 | 20.000 | 9.000 | 1.345 | 8.763 | 0.176 |
| 54 - 57 | 40 | 15.159 | 12.700 | 18.000 | 5.299 | 1.088 | 7.177 | 0.172 |
| 57 - 60 | 67 | 15.599 | 13.000 | 19.200 | 6.199 | 1.158 | 7.425 | 0.141 |
| 60 - 63 | 158 | 15.548 | 10.500 | 19.000 | 8.500 | 1.266 | 8.142 | 0.100 |

CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 80 | 11.951 | 8.500 | 15.500 | 7.000 | 1.356 | 11.346 | 0.151 |
| 3 - 6 | 84 | 12.760 | 9.399 | 15.500 | 6.100 | 1.456 | 11.412 | 0.158 |
| 6 - 9 | 122 | 13.682 | 9.500 | 16.700 | 7.199 | 1.367 | 9.993 | 0.123 |
| 9 - 12 | 107 | 13.918 | 10.500 | 17.000 | 6.499 | 1.221 | 8.774 | 0.118 |
| 12 - 15 | 103 | 14.099 | 11.399 | 18.500 | 7.099 | 1.309 | 9.284 | 0.128 |
| 15 - 18 | 96 | 13.943 | 10.500 | 17.500 | 6.999 | 1.263 | 9.064 | 0.128 |
| 18 - 21 | 97 | 14.362 | 11.500 | 16.600 | 5.100 | 1.139 | 7.933 | 0.115 |
| 21 - 24 | 95 | 14.335 | 11.200 | 17.500 | 6.299 | 1.025 | 7.151 | 0.105 |
| 24 - 27 | 76 | 14.546 | 12.000 | 17.000 | 4.999 | 0.977 | 6.719 | 0.112 |
| 27 - 30 | 94 | 14.684 | 12.000 | 17.500 | 5.499 | 1.168 | 7.960 | 0.120 |
| 30 - 33 | 84 | 14.796 | 11.600 | 17.200 | 5.599 | 1.101 | 7.441 | 0.120 |
| 33 - 36 | 93 | 14.932 | 12.399 | 18.000 | 5.599 | 1.069 | 7.131 | 0.110 |
| 36 - 39 | 107 | 15.028 | 11.800 | 18.000 | 6.199 | 1.114 | 7.416 | 0.107 |
| 39 - 42 | 76 | 15.156 | 13.200 | 19.000 | 5.799 | 1.126 | 7.432 | 0.129 |
| 42 - 45 | 71 | 15.425 | 13.000 | 19.000 | 5.999 | 1.229 | 7.971 | 0.145 |
| 45 - 48 | 97 | 15.389 | 12.300 | 18.100 | 5.800 | 1.010 | 6.563 | 0.102 |
| 48 - 51 | 80 | 15.156 | 13.200 | 18.000 | 4.799 | 1.050 | 6.931 | 0.117 |
| 51 - 54 | 90 | 15.545 | 10.000 | 18.500 | 8.500 | 1.193 | 7.676 | 0.125 |
| 54 - 57 | 61 | 15.419 | 13.000 | 20.000 | 6.999 | 1.306 | 8.470 | 0.167 |
| 57 - 60 | 65 | 15.564 | 13.700 | 18.000 | 4.299 | 1.011 | 6.501 | 0.125 |
| 60 - 63 | 136 | 15.491 | 12.200 | 19.000 | 6.799 | 1.163 | 7.515 | 0.099 |

CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 167 | 11.613 | 9.399 | 1.419 | 12.222 | 0.109 |
| 3 - 6 | 179 | 12.758 | 7.599 | 1.344 | 10.537 | 0.100 |
| 6 - 9 | 209 | 13.467 | 7.199 | 1.298 | 9.639 | 0.089 |
| 9 - 12 | 196 | 13.801 | 6.499 | 1.181 | 8.563 | 0.084 |
| 12 - 15 | 199 | 13.821 | 9.699 | 1.351 | 9.777 | 0.095 |
| 15 - 18 | 197 | 13.713 | 8.500 | 1.241 | 9.054 | 0.088 |
| 18 - 21 | 168 | 14.132 | 5.400 | 1.173 | 8.306 | 0.090 |
| 21 - 24 | 178 | 14.205 | 6.299 | 1.118 | 7.875 | 0.083 |
| 24 - 27 | 190 | 14.442 | 7.400 | 1.150 | 7.969 | 0.083 |
| 27 - 30 | 162 | 14.635 | 7.999 | 1.287 | 8.794 | 0.101 |
| 30 - 33 | 176 | 14.894 | 7.399 | 1.049 | 7.047 | 0.079 |
| 33 - 36 | 175 | 14.927 | 10.000 | 1.239 | 8.305 | 0.093 |
| 36 - 39 | 201 | 15.089 | 7.699 | 1.183 | 7.843 | 0.083 |
| 39 - 42 | 147 | 15.158 | 6.599 | 1.128 | 7.443 | 0.093 |
| 42 - 45 | 143 | 15.399 | 5.999 | 1.204 | 7.820 | 0.100 |
| 45 - 48 | 190 | 15.337 | 6.199 | 1.071 | 6.984 | 0.077 |
| 48 - 51 | 165 | 15.324 | 5.999 | 1.129 | 7.371 | 0.087 |
| 51 - 54 | 148 | 15.468 | 10.000 | 1.254 | 8.108 | 0.103 |
| 54 - 57 | 101 | 15.316 | 7.299 | 1.225 | 8.000 | 0.121 |
| 57 - 60 | 132 | 15.582 | 6.199 | 1.084 | 6.961 | 0.094 |
| 60 - 63 | 294 | 15.517 | 8.500 | 1.218 | 7.849 | 0.071 |

MEAN ARM CIRCUMFERENCE (CM) INCREMENT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | MEAN VALUES FEMALES |
|---|---|---|
| 0- 3 | 11.351 | 11.303 |
| 3- 6 | 0.809 | 1.453 |
| 6- 9 | 0.922 | 0.409 |
| 9-12 | 0.235 | 0.494 |
| 12-15 | 0.181 | -0.138 |
| 15-18 | -0.156 | -0.026 |
| 18-21 | 0.419 | 0.323 |
| 21-24 | -0.027 | 0.237 |
| 24-27 | 0.210 | 0.317 |
| 27-30 | 0.137 | 0.196 |
| 30-33 | 0.112 | 0.415 |
| 33-36 | 0.196 | -0.129 |
| 36-39 | 0.035 | 0.303 |
| 39-42 | 0.128 | 0.002 |
| 42-45 | 0.268 | 0.213 |
| 45-48 | -0.035 | -0.089 |
| 48-51 | -0.233 | 0.198 |
| 51-54 | 0.389 | -0.134 |
| 54-57 | -0.125 | -0.188 |
| 57-60 | 0.144 | 0.439 |
| 60-63 | -0.083 | -0.091 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | MALES | | | | | |
| 0 - 3 | 81 | 6.024 | 2.800 | 11.500 | 8.699 | 1.621 | 26.917 | 0.180 |
| 3 - 6 | 84 | 6.846 | 3.000 | 11.500 | 8.500 | 1.887 | 27.568 | 0.205 |
| 6 - 9 | 121 | 7.361 | 2.800 | 13.200 | 10.399 | 2.032 | 27.608 | 0.184 |
| 9 - 12 | 107 | 6.947 | 4.199 | 13.500 | 9.300 | 1.638 | 23.584 | 0.158 |
| 12 - 15 | 100 | 6.665 | 3.400 | 11.200 | 7.800 | 1.497 | 22.459 | 0.149 |
| 15 - 18 | 97 | 6.524 | 3.400 | 12.800 | 9.400 | 1.771 | 27.143 | 0.179 |
| 18 - 21 | 94 | 7.017 | 3.200 | 11.200 | 8.000 | 1.615 | 23.020 | 0.164 |
| 21 - 24 | 94 | 6.895 | 4.199 | 10.000 | 5.800 | 1.383 | 20.062 | 0.142 |
| 24 - 27 | 76 | 6.688 | 2.800 | 12.200 | 9.399 | 1.626 | 24.318 | 0.186 |
| 27 - 30 | 93 | 7.093 | 4.199 | 12.800 | 8.600 | 1.739 | 24.522 | 0.180 |
| 30 - 33 | 83 | 7.383 | 3.400 | 13.000 | 9.600 | 1.957 | 26.511 | 0.214 |
| 33 - 36 | 92 | 7.158 | 4.400 | 12.500 | 8.100 | 1.744 | 24.373 | 0.181 |
| 36 - 39 | 106 | 7.177 | 4.199 | 13.500 | 9.300 | 1.699 | 23.681 | 0.165 |
| 39 - 42 | 77 | 7.161 | 4.400 | 12.600 | 8.200 | 1.699 | 23.737 | 0.193 |
| 42 - 45 | 71 | 6.822 | 3.599 | 12.800 | 9.200 | 1.656 | 24.286 | 0.196 |
| 45 - 48 | 96 | 6.709 | 4.199 | 12.899 | 8.700 | 1.550 | 23.112 | 0.158 |
| 48 - 51 | 80 | 6.612 | 4.000 | 11.800 | 7.800 | 1.590 | 24.047 | 0.177 |
| 51 - 54 | 90 | 6.919 | 3.599 | 16.000 | 12.399 | 1.842 | 26.627 | 0.194 |
| 54 - 57 | 61 | 6.222 | 3.000 | 13.399 | 10.399 | 1.750 | 28.129 | 0.224 |
| 57 - 60 | 65 | 6.301 | 4.199 | 10.000 | 5.800 | 1.347 | 21.385 | 0.167 |
| 60 - 63 | 137 | 6.066 | 2.800 | 14.500 | 11.699 | 1.617 | 26.682 | 0.138 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 85 | 5.447 | 2.400 | 10.200 | 7.800 | 1.692 | 31.076 | 0.183 |
| 3 - 6 | 95 | 7.170 | 3.599 | 13.500 | 9.899 | 2.114 | 29.488 | 0.216 |
| 6 - 9 | 86 | 6.840 | 2.400 | 12.399 | 10.000 | 1.697 | 24.816 | 0.183 |
| 9 - 12 | 91 | 6.758 | 4.000 | 12.200 | 8.200 | 1.637 | 24.236 | 0.171 |
| 12 - 15 | 94 | 6.498 | 3.599 | 12.200 | 8.600 | 1.546 | 23.794 | 0.159 |
| 15 - 18 | 101 | 6.623 | 3.000 | 12.000 | 9.000 | 1.600 | 24.167 | 0.159 |
| 18 - 21 | 71 | 6.719 | 4.199 | 12.500 | 8.300 | 1.547 | 23.034 | 0.183 |
| 21 - 24 | 83 | 6.821 | 3.599 | 11.700 | 8.100 | 1.744 | 25.573 | 0.191 |
| 24 - 27 | 115 | 7.153 | 4.000 | 13.200 | 9.200 | 1.627 | 25.550 | 0.170 |
| 27 - 30 | 69 | 7.240 | 3.400 | 11.500 | 8.100 | 1.743 | 24.078 | 0.209 |
| 30 - 33 | 92 | 7.566 | 4.199 | 13.500 | 9.300 | 1.894 | 25.044 | 0.197 |
| 33 - 36 | 82 | 7.679 | 2.400 | 12.500 | 10.100 | 1.971 | 25.670 | 0.217 |
| 36 - 39 | 95 | 7.384 | 2.599 | 12.800 | 10.200 | 1.785 | 24.173 | 0.183 |
| 39 - 42 | 72 | 7.130 | 4.400 | 11.000 | 6.599 | 1.473 | 20.657 | 0.173 |
| 42 - 45 | 73 | 7.304 | 3.800 | 13.000 | 9.199 | 1.903 | 26.066 | 0.222 |
| 45 - 48 | 92 | 7.223 | 3.800 | 14.500 | 10.699 | 1.896 | 26.249 | 0.197 |
| 48 - 51 | 85 | 7.130 | 3.800 | 12.200 | 8.399 | 1.712 | 24.018 | 0.185 |
| 51 - 54 | 58 | 6.586 | 3.400 | 12.399 | 9.000 | 1.686 | 25.613 | 0.221 |
| 54 - 57 | 40 | 6.357 | 4.000 | 10.399 | 6.399 | 1.414 | 22.233 | 0.223 |
| 57 - 60 | 66 | 6.883 | 4.199 | 12.600 | 8.400 | 1.689 | 24.537 | 0.207 |
| 60 - 63 | 157 | 6.632 | 3.800 | 13.000 | 9.199 | 1.572 | 23.705 | 0.125 |

CHILDREN'S TRICEPS SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 165 | 5.728 | 9.100 | 1.678 | 29.300 | 0.130 |
| 3 - 6 | 179 | 7.018 | 10.500 | 2.012 | 28.669 | 0.150 |
| 6 - 9 | 207 | 7.144 | 10.800 | 1.913 | 26.780 | 0.132 |
| 9 - 12 | 196 | 6.860 | 9.500 | 1.636 | 23.858 | 0.116 |
| 12 - 15 | 194 | 6.585 | 8.800 | 1.519 | 23.075 | 0.109 |
| 15 - 18 | 198 | 6.575 | 9.800 | 1.682 | 25.592 | 0.119 |
| 18 - 21 | 167 | 6.891 | 9.299 | 1.589 | 23.063 | 0.122 |
| 21 - 24 | 177 | 6.861 | 8.100 | 1.559 | 22.723 | 0.117 |
| 24 - 27 | 191 | 6.968 | 10.399 | 1.761 | 25.270 | 0.127 |
| 27 - 30 | 162 | 7.156 | 9.400 | 1.737 | 24.276 | 0.136 |
| 30 - 33 | 175 | 7.479 | 10.100 | 1.921 | 25.689 | 0.145 |
| 33 - 36 | 174 | 7.404 | 10.100 | 1.867 | 25.227 | 0.141 |
| 36 - 39 | 201 | 7.275 | 10.899 | 1.739 | 23.906 | 0.122 |
| 39 - 42 | 149 | 7.146 | 8.200 | 1.589 | 22.235 | 0.130 |
| 42 - 45 | 144 | 7.066 | 9.399 | 1.796 | 25.422 | 0.149 |
| 45 - 48 | 186 | 6.961 | 10.699 | 1.742 | 25.038 | 0.127 |
| 48 - 51 | 165 | 6.879 | 8.399 | 1.669 | 24.270 | 0.129 |
| 51 - 54 | 148 | 6.789 | 12.600 | 1.784 | 26.289 | 0.146 |
| 54 - 57 | 101 | 6.276 | 10.399 | 1.619 | 25.806 | 0.161 |
| 57 - 60 | 131 | 6.594 | 8.400 | 1.551 | 23.519 | 0.135 |
| 60 - 63 | 294 | 6.365 | 11.699 | 1.616 | 25.385 | 0.094 |

MEAN TRICEPS SKINFOLD THICKNESS INCREMENT (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES | |
|---|---|---|
| | MALES | FEMALES |
| 0- 3 | 6.024 | 5.447 |
| 3- 6 | 0.821 | 1.723 |
| 6- 9 | 0.514 | -0.329 |
| 9-12 | -0.413 | -0.082 |
| 12-15 | -0.281 | -0.259 |
| 15-18 | -0.141 | 0.124 |
| 18-21 | 0.492 | 0.095 |
| 21-24 | -0.121 | 0.101 |
| 24-27 | -0.207 | 0.332 |
| 27-30 | 0.405 | 0.086 |
| 30-33 | 0.289 | 0.325 |
| 33-36 | -0.224 | 0.112 |
| 36-39 | 0.018 | -0.295 |
| 39-42 | -0.016 | -0.253 |
| 42-45 | -0.338 | 0.173 |
| 45-48 | -0.113 | -0.080 |
| 48-51 | -0.096 | -0.093 |
| 51-54 | 0.307 | -0.544 |
| 54-57 | -0.697 | -0.228 |
| 57-60 | 0.078 | 0.525 |
| 60-63 | -0.240 | -0.250 |

MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 - 3 | 81 | 4.330 | 2.200 | 7.000 | 4.800 | 0.970 | 22.409 | 0.107 |
| 3 - 6 | 84 | 4.291 | 2.200 | 7.399 | 5.199 | 1.083 | 25.239 | 0.118 |
| 6 - 9 | 121 | 4.621 | 2.400 | 10.000 | 7.599 | 1.360 | 29.444 | 0.123 |
| 9 - 12 | 107 | 4.042 | 2.000 | 6.400 | 4.400 | 0.775 | 19.181 | 0.074 |
| 12 - 15 | 100 | 4.171 | 2.400 | 6.800 | 4.400 | 0.922 | 22.100 | 0.092 |
| 15 - 18 | 97 | 4.315 | 2.400 | 9.600 | 7.199 | 1.250 | 28.970 | 0.126 |
| 18 - 21 | 96 | 4.285 | 2.000 | 7.199 | 5.199 | 1.093 | 25.519 | 0.111 |
| 21 - 24 | 94 | 4.286 | 2.800 | 7.500 | 4.699 | 1.000 | 23.352 | 0.103 |
| 24 - 27 | 76 | 4.165 | 2.599 | 7.000 | 4.400 | 0.885 | 21.246 | 0.101 |
| 27 - 30 | 93 | 4.216 | 2.400 | 7.399 | 5.000 | 1.094 | 25.952 | 0.113 |
| 30 - 33 | 83 | 4.253 | 2.400 | 6.800 | 4.400 | 1.041 | 24.488 | 0.114 |
| 33 - 36 | 92 | 4.379 | 2.800 | 7.199 | 4.399 | 0.907 | 20.726 | 0.094 |
| 36 - 39 | 106 | 4.329 | 2.200 | 9.200 | 7.000 | 1.307 | 30.196 | 0.126 |
| 39 - 42 | 77 | 4.254 | 2.800 | 8.600 | 5.799 | 1.105 | 25.979 | 0.125 |
| 42 - 45 | 71 | 4.050 | 2.400 | 7.399 | 5.000 | 0.847 | 20.926 | 0.100 |
| 45 - 48 | 96 | 3.971 | 2.200 | 8.000 | 5.800 | 1.097 | 27.634 | 0.112 |
| 48 - 51 | 80 | 3.891 | 2.400 | 8.200 | 5.800 | 1.028 | 26.436 | 0.115 |
| 51 - 54 | 90 | 3.922 | 2.400 | 8.000 | 5.600 | 0.957 | 24.418 | 0.100 |
| 54 - 57 | 61 | 3.859 | 2.000 | 7.000 | 5.000 | 0.986 | 25.558 | 0.126 |
| 57 - 60 | 65 | 3.523 | 2.200 | 5.800 | 3.599 | 0.800 | 22.728 | 0.099 |
| 60 - 63 | 137 | 3.658 | 2.000 | 6.800 | 4.800 | 0.873 | 23.870 | 0.074 |

MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 - 3 | 85 | 3.872 | 2.000 | 7.500 | 5.500 | 1.095 | 28.280 | 0.118 |
| 3 - 6 | 95 | 4.473 | 2.400 | 7.600 | 5.200 | 1.164 | 26.027 | 0.119 |
| 6 - 9 | 87 | 4.267 | 2.000 | 8.800 | 6.800 | 1.202 | 28.058 | 0.128 |
| 9 - 12 | 91 | 4.425 | 2.800 | 10.200 | 7.399 | 1.253 | 28.335 | 0.131 |
| 12 - 15 | 94 | 4.104 | 2.000 | 7.800 | 5.800 | 0.942 | 22.962 | 0.097 |
| 15 - 18 | 101 | 4.049 | 2.200 | 6.199 | 3.999 | 0.907 | 22.409 | 0.090 |
| 18 - 21 | 71 | 4.135 | 2.000 | 6.800 | 4.800 | 1.023 | 24.756 | 0.121 |
| 21 - 24 | 83 | 4.224 | 2.400 | 9.800 | 7.400 | 1.191 | 28.202 | 0.130 |
| 24 - 27 | 115 | 4.449 | 2.200 | 9.800 | 7.600 | 1.224 | 27.509 | 0.114 |
| 27 - 30 | 69 | 4.450 | 2.400 | 7.199 | 4.800 | 1.097 | 24.665 | 0.132 |
| 30 - 33 | 92 | 4.564 | 2.200 | 8.399 | 6.199 | 1.158 | 25.718 | 0.120 |
| 33 - 36 | 82 | 4.629 | 2.000 | 8.000 | 6.000 | 1.454 | 31.422 | 0.160 |
| 36 - 39 | 95 | 4.401 | 2.400 | 8.000 | 5.600 | 1.102 | 25.061 | 0.113 |
| 39 - 42 | 72 | 4.116 | 2.200 | 7.000 | 4.800 | 0.977 | 23.737 | 0.115 |
| 42 - 45 | 73 | 4.249 | 2.200 | 7.399 | 5.199 | 1.136 | 26.754 | 0.133 |
| 45 - 48 | 92 | 4.327 | 2.400 | 8.399 | 5.999 | 1.187 | 27.453 | 0.123 |
| 48 - 51 | 85 | 4.247 | 2.400 | 8.800 | 6.400 | 1.172 | 27.601 | 0.127 |
| 51 - 54 | 58 | 4.082 | 2.000 | 8.200 | 6.199 | 1.146 | 28.092 | 0.150 |
| 54 - 57 | 40 | 3.977 | 2.400 | 5.800 | 3.400 | 0.803 | 20.718 | 0.127 |
| 57 - 60 | 66 | 3.974 | 2.800 | 6.199 | 3.399 | 0.863 | 21.732 | 0.106 |
| 60 - 63 | 157 | 3.917 | 2.000 | 7.600 | 5.600 | 0.953 | 24.341 | 0.076 |

CHILDREN'S BICEPS SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 166 | 4.096 | 5.500 | 1.058 | 25.836 | 0.082 |
| 3 - 6 | 179 | 4.388 | 5.400 | 1.127 | 25.694 | 0.084 |
| 6 - 9 | 208 | 4.481 | 7.999 | 1.304 | 29.109 | 0.090 |
| 9 - 12 | 198 | 4.218 | 8.200 | 1.038 | 24.619 | 0.073 |
| 12 - 15 | 194 | 4.139 | 5.800 | 0.930 | 22.472 | 0.066 |
| 15 - 18 | 198 | 4.179 | 7.399 | 1.094 | 26.180 | 0.077 |
| 18 - 21 | 167 | 4.221 | 5.199 | 1.063 | 25.202 | 0.082 |
| 21 - 24 | 177 | 4.257 | 7.400 | 1.091 | 25.641 | 0.082 |
| 24 - 27 | 191 | 4.336 | 7.600 | 1.107 | 25.549 | 0.080 |
| 27 - 30 | 162 | 4.316 | 5.000 | 1.098 | 25.451 | 0.086 |
| 30 - 33 | 175 | 4.385 | 6.199 | 1.108 | 25.279 | 0.083 |
| 33 - 36 | 174 | 4.497 | 6.000 | 1.199 | 26.681 | 0.090 |
| 36 - 39 | 201 | 4.363 | 7.000 | 1.212 | 27.790 | 0.085 |
| 39 - 42 | 149 | 4.187 | 6.399 | 1.044 | 24.932 | 0.085 |
| 42 - 45 | 144 | 4.151 | 5.199 | 1.006 | 24.237 | 0.083 |
| 45 - 48 | 188 | 4.145 | 6.199 | 1.153 | 27.823 | 0.084 |
| 48 - 51 | 165 | 4.074 | 6.400 | 1.115 | 27.389 | 0.086 |
| 51 - 54 | 148 | 3.985 | 6.199 | 1.035 | 25.976 | 0.085 |
| 54 - 57 | 101 | 3.866 | 5.000 | 0.914 | 23.640 | 0.090 |
| 57 - 60 | 131 | 3.750 | 3.999 | 0.860 | 22.935 | 0.075 |
| 60 - 63 | 294 | 3.796 | 5.600 | 0.924 | 24.351 | 0.053 |

MEAN BICEPS SKINFOLD THICKNESS INCREMENT (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0- 3 | 4.330 | 3.872 |
| 3- 6 | -0.039 | 0.600 |
| 6- 9 | 0.329 | -0.186 |
| 9-12 | -0.579 | 0.137 |
| 12-15 | 0.129 | -0.321 |
| 15-18 | 0.143 | -0.054 |
| 18-21 | -0.030 | 0.085 |
| 21-24 | 0.000 | 0.088 |
| 24-27 | -0.120 | 0.225 |
| 27-30 | 0.050 | 0.001 |
| 30-33 | 0.036 | 0.053 |
| 33-36 | 0.126 | 0.124 |
| 36-39 | -0.050 | -0.228 |
| 39-42 | -0.074 | -0.284 |
| 42-45 | -0.203 | 0.132 |
| 45-48 | -0.078 | 0.077 |
| 48-51 | -0.080 | -0.080 |
| 51-54 | 0.030 | -0.164 |
| 54-57 | -0.063 | -0.205 |
| 57-60 | -0.335 | 0.096 |
| 60-63 | 0.135 | -0.057 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 81 | 5.470 | 2.400 | 9.800 | 7.400 | 1.489 | 27.228 | 0.165 |
| 3 - 6 | 84 | 5.363 | 2.400 | 9.200 | 6.800 | 1.426 | 26.596 | 0.155 |
| 6 - 9 | 120 | 5.864 | 2.800 | 11.000 | 8.199 | 1.559 | 26.599 | 0.142 |
| 9 - 12 | 107 | 5.287 | 3.000 | 9.000 | 5.999 | 1.201 | 22.723 | 0.116 |
| 12 - 15 | 100 | 5.099 | 3.200 | 9.200 | 6.000 | 1.225 | 24.035 | 0.122 |
| 15 - 18 | 97 | 4.802 | 3.000 | 8.200 | 5.199 | 1.136 | 23.661 | 0.115 |
| 18 - 21 | 96 | 5.135 | 3.000 | 8.200 | 5.199 | 1.149 | 22.384 | 0.117 |
| 21 - 24 | 94 | 5.162 | 3.599 | 9.000 | 5.399 | 1.044 | 20.229 | 0.107 |
| 24 - 27 | 76 | 4.761 | 3.200 | 7.800 | 4.600 | 0.973 | 20.441 | 0.111 |
| 27 - 30 | 93 | 5.035 | 2.800 | 12.000 | 9.199 | 1.300 | 25.818 | 0.134 |
| 30 - 33 | 83 | 4.981 | 2.400 | 10.399 | 7.999 | 1.418 | 28.482 | 0.155 |
| 33 - 36 | 92 | 5.071 | 3.200 | 8.000 | 4.800 | 1.043 | 20.578 | 0.108 |
| 36 - 39 | 106 | 4.965 | 3.000 | 10.200 | 7.199 | 1.455 | 29.318 | 0.141 |
| 39 - 42 | 77 | 4.919 | 3.000 | 9.000 | 5.999 | 1.310 | 26.632 | 0.149 |
| 42 - 45 | 71 | 4.807 | 2.400 | 9.399 | 6.999 | 1.248 | 25.981 | 0.148 |
| 45 - 48 | 96 | 4.482 | 2.400 | 7.800 | 5.400 | 1.107 | 24.712 | 0.113 |
| 48 - 51 | 80 | 4.404 | 2.800 | 9.800 | 7.000 | 1.088 | 24.699 | 0.121 |
| 51 - 54 | 90 | 4.558 | 2.599 | 10.500 | 7.899 | 1.222 | 26.820 | 0.128 |
| 54 - 57 | 61 | 4.293 | 2.599 | 8.399 | 5.799 | 1.089 | 25.364 | 0.139 |
| 57 - 60 | 65 | 4.106 | 2.800 | 6.400 | 3.600 | 0.744 | 18.132 | 0.092 |
| 60 - 63 | 137 | 4.265 | 2.400 | 7.300 | 4.900 | 0.901 | 21.126 | 0.076 |

MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 85 | 5.089 | 2.800 | 9.000 | 6.199 | 1.541 | 30.295 | 0.167 |
| 3 - 6 | 95 | 5.804 | 3.000 | 9.600 | 6.599 | 1.452 | 25.030 | 0.149 |
| 6 - 9 | 87 | 5.541 | 2.000 | 8.600 | 6.599 | 1.120 | 20.213 | 0.120 |
| 9 - 12 | 91 | 5.571 | 3.200 | 9.800 | 6.600 | 1.248 | 22.417 | 0.130 |
| 12 - 15 | 94 | 5.011 | 2.800 | 7.399 | 4.599 | 1.109 | 22.139 | 0.114 |
| 15 - 18 | 101 | 4.915 | 2.200 | 7.399 | 5.199 | 1.032 | 20.994 | 0.102 |
| 18 - 21 | 71 | 5.211 | 3.400 | 9.000 | 5.599 | 1.168 | 22.431 | 0.138 |
| 21 - 24 | 83 | 5.104 | 3.400 | 10.000 | 6.599 | 1.348 | 26.415 | 0.148 |
| 24 - 27 | 115 | 5.399 | 3.200 | 9.200 | 6.000 | 1.276 | 23.645 | 0.119 |
| 27 - 30 | 69 | 5.524 | 3.000 | 13.000 | 10.000 | 1.721 | 31.153 | 0.207 |
| 30 - 33 | 92 | 5.626 | 3.200 | 10.399 | 7.199 | 1.490 | 26.492 | 0.155 |
| 33 - 36 | 82 | 5.578 | 2.000 | 9.500 | 7.499 | 1.484 | 26.620 | 0.163 |
| 36 - 39 | 95 | 5.398 | 3.000 | 9.500 | 6.499 | 1.300 | 24.084 | 0.133 |
| 39 - 42 | 72 | 5.131 | 3.200 | 9.399 | 6.199 | 1.213 | 23.655 | 0.143 |
| 42 - 45 | 73 | 5.379 | 3.200 | 9.399 | 6.199 | 1.383 | 25.726 | 0.161 |
| 45 - 48 | 92 | 4.977 | 3.200 | 9.800 | 6.600 | 1.305 | 26.220 | 0.136 |
| 48 - 51 | 85 | 5.047 | 2.800 | 10.500 | 7.699 | 1.402 | 27.792 | 0.152 |
| 51 - 54 | 58 | 4.849 | 2.800 | 11.500 | 8.699 | 1.421 | 29.307 | 0.186 |
| 54 - 57 | 40 | 4.644 | 3.000 | 9.800 | 6.800 | 1.307 | 28.149 | 0.206 |
| 57 - 60 | 66 | 4.727 | 3.000 | 8.000 | 5.000 | 1.106 | 23.396 | 0.136 |
| 60 - 63 | 157 | 4.800 | 2.599 | 13.799 | 11.199 | 1.415 | 29.479 | 0.112 |

CHILDREN'S SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 166 | 5.275 | 7.400 | 1.523 | 28.888 | 0.118 |
| 3 - 6 | 179 | 5.597 | 7.199 | 1.453 | 25.964 | 0.108 |
| 6 - 9 | 207 | 5.728 | 9.000 | 1.398 | 24.406 | 0.097 |
| 9 - 12 | 198 | 5.418 | 6.800 | 1.228 | 22.676 | 0.087 |
| 12 - 15 | 194 | 5.057 | 6.399 | 1.168 | 23.110 | 0.083 |
| 15 - 18 | 198 | 4.860 | 6.000 | 1.083 | 22.285 | 0.076 |
| 18 - 21 | 167 | 5.167 | 5.999 | 1.154 | 22.349 | 0.089 |
| 21 - 24 | 177 | 5.135 | 6.599 | 1.193 | 23.239 | 0.089 |
| 24 - 27 | 191 | 5.145 | 6.000 | 1.204 | 23.399 | 0.087 |
| 27 - 30 | 162 | 5.243 | 10.199 | 1.508 | 28.768 | 0.118 |
| 30 - 33 | 175 | 5.320 | 7.999 | 1.488 | 27.970 | 0.112 |
| 33 - 36 | 174 | 5.310 | 7.499 | 1.292 | 24.332 | 0.097 |
| 36 - 39 | 201 | 5.170 | 7.199 | 1.397 | 27.039 | 0.098 |
| 39 - 42 | 149 | 5.022 | 6.399 | 1.264 | 25.185 | 0.103 |
| 42 - 45 | 144 | 5.097 | 6.999 | 1.345 | 26.396 | 0.112 |
| 45 - 48 | 188 | 4.724 | 7.400 | 1.230 | 26.041 | 0.089 |
| 48 - 51 | 165 | 4.735 | 7.699 | 1.296 | 27.382 | 0.100 |
| 51 - 54 | 148 | 4.672 | 8.899 | 1.307 | 27.975 | 0.107 |
| 54 - 57 | 101 | 4.432 | 7.200 | 1.186 | 26.771 | 0.118 |
| 57 - 60 | 131 | 4.419 | 5.199 | 0.990 | 22.421 | 0.086 |
| 60 - 63 | 294 | 4.551 | 11.399 | 1.230 | 27.041 | 0.071 |

MEAN SUPRAILIAC SKINFOLD THICKNESS INCREMENT (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | MEAN VALUES FEMALES |
|---|---|---|
| 0- 3 | 5.470 | 5.089 |
| 3- 6 | -0.107 | 0.714 |
| 6- 9 | 0.501 | -0.262 |
| 9-12 | -0.576 | 0.030 |
| 12-15 | -0.187 | -0.559 |
| 15-18 | -0.297 | -0.095 |
| 18-21 | 0.333 | 0.295 |
| 21-24 | 0.027 | -0.106 |
| 24-27 | -0.400 | 0.294 |
| 27-30 | 0.273 | 0.125 |
| 30-33 | -0.053 | 0.101 |
| 33-36 | 0.089 | -0.048 |
| 36-39 | -0.106 | -0.179 |
| 39-42 | -0.045 | -0.266 |
| 42-45 | -0.112 | 0.247 |
| 45-48 | -0.324 | -0.402 |
| 48-51 | -0.077 | 0.069 |
| 51-54 | 0.153 | -0.197 |
| 54-57 | -0.265 | -0.204 |
| 57-60 | -0.187 | 0.082 |
| 60-63 | 0.159 | 0.073 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 81 | 6.182 | 2.400 | 14.000 | 11.600 | 2.017 | 32.624 | 0.224 |
| 3 - 6 | 84 | 7.011 | 2.000 | 15.000 | 13.000 | 2.621 | 37.385 | 0.286 |
| 6 - 9 | 120 | 7.029 | 2.800 | 14.600 | 11.799 | 2.346 | 33.379 | 0.214 |
| 9 - 12 | 107 | 6.457 | 2.500 | 13.399 | 10.899 | 2.198 | 34.044 | 0.212 |
| 12 - 15 | 100 | 5.800 | 3.000 | 14.799 | 11.799 | 1.805 | 31.132 | 0.180 |
| 15 - 18 | 97 | 5.420 | 2.800 | 11.500 | 8.699 | 1.805 | 33.304 | 0.183 |
| 18 - 21 | 96 | 5.818 | 2.400 | 16.000 | 13.600 | 2.192 | 37.678 | 0.223 |
| 21 - 24 | 94 | 5.535 | 3.000 | 11.500 | 8.500 | 1.736 | 31.365 | 0.179 |
| 24 - 27 | 76 | 5.823 | 2.800 | 14.399 | 11.599 | 2.242 | 38.505 | 0.257 |
| 27 - 30 | 93 | 5.427 | 2.800 | 11.800 | 9.000 | 1.773 | 32.666 | 0.183 |
| 30 - 33 | 83 | 5.483 | 2.400 | 15.500 | 13.100 | 2.122 | 38.705 | 0.232 |
| 33 - 36 | 92 | 5.534 | 2.400 | 11.800 | 9.400 | 1.747 | 31.569 | 0.182 |
| 36 - 39 | 106 | 5.600 | 2.000 | 12.399 | 10.399 | 2.186 | 39.045 | 0.212 |
| 39 - 42 | 77 | 5.602 | 3.200 | 10.500 | 7.299 | 1.856 | 33.127 | 0.211 |
| 42 - 45 | 71 | 5.174 | 2.800 | 11.000 | 8.199 | 1.630 | 31.505 | 0.193 |
| 45 - 48 | 96 | 5.110 | 2.200 | 10.500 | 8.299 | 1.982 | 38.797 | 0.202 |
| 48 - 51 | 80 | 4.663 | 2.599 | 9.200 | 6.600 | 1.370 | 29.386 | 0.153 |
| 51 - 54 | 90 | 4.732 | 2.400 | 11.500 | 9.100 | 1.455 | 30.756 | 0.153 |
| 54 - 57 | 61 | 4.506 | 2.200 | 9.000 | 6.799 | 1.362 | 30.224 | 0.174 |
| 57 - 60 | 65 | 4.564 | 2.200 | 9.800 | 7.600 | 1.182 | 25.899 | 0.146 |
| 60 - 63 | 137 | 4.433 | 2.400 | 10.000 | 7.599 | 1.328 | 29.964 | 0.113 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 85 | 6.378 | 2.400 | 14.799 | 12.399 | 2.662 | 41.736 | 0.288 |
| 3 - 6 | 95 | 7.472 | 3.200 | 17.000 | 13.799 | 2.808 | 36.134 | 0.288 |
| 6 - 9 | 87 | 6.633 | 2.000 | 12.000 | 10.000 | 1.953 | 29.454 | 0.209 |
| 9 - 12 | 91 | 6.530 | 3.000 | 14.500 | 11.500 | 2.279 | 34.896 | 0.238 |
| 12 - 15 | 94 | 6.037 | 3.000 | 13.399 | 10.399 | 2.035 | 33.709 | 0.209 |
| 15 - 18 | 101 | 5.814 | 2.200 | 13.000 | 10.799 | 2.115 | 36.385 | 0.210 |
| 18 - 21 | 71 | 5.715 | 2.400 | 10.000 | 7.599 | 1.791 | 31.349 | 0.212 |
| 21 - 24 | 83 | 5.651 | 2.400 | 10.399 | 7.999 | 1.809 | 32.009 | 0.198 |
| 24 - 27 | 115 | 6.242 | 3.200 | 13.799 | 10.599 | 2.084 | 33.393 | 0.194 |
| 27 - 30 | 69 | 6.628 | 3.200 | 13.500 | 10.299 | 2.370 | 35.757 | 0.285 |
| 30 - 33 | 92 | 6.278 | 2.500 | 12.800 | 10.300 | 2.329 | 37.110 | 0.242 |
| 33 - 36 | 82 | 6.593 | 2.400 | 13.000 | 10.600 | 2.316 | 35.130 | 0.255 |
| 36 - 39 | 95 | 6.470 | 3.200 | 13.200 | 10.000 | 2.134 | 32.991 | 0.219 |
| 39 - 42 | 72 | 5.873 | 3.200 | 13.500 | 10.299 | 2.134 | 36.340 | 0.251 |
| 42 - 45 | 73 | 5.964 | 2.400 | 12.500 | 10.100 | 1.873 | 31.409 | 0.219 |
| 45 - 48 | 92 | 5.834 | 2.599 | 11.800 | 9.200 | 1.913 | 32.794 | 0.199 |
| 48 - 51 | 85 | 6.195 | 2.400 | 12.300 | 9.900 | 2.331 | 37.626 | 0.252 |
| 51 - 54 | 58 | 5.793 | 2.599 | 11.500 | 8.899 | 2.192 | 37.839 | 0.287 |
| 54 - 57 | 40 | 5.522 | 3.000 | 12.500 | 9.500 | 2.235 | 40.487 | 0.353 |
| 57 - 60 | 66 | 5.626 | 3.000 | 12.000 | 9.000 | 1.912 | 33.977 | 0.235 |
| 60 - 63 | 157 | 5.411 | 2.700 | 13.799 | 11.099 | 1.895 | 35.022 | 0.151 |

CHILDREN'S SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | NUMBER | MEAN | RANGE | S.D | C.V | S.E. |
|---|---|---|---|---|---|---|
| 0 - 3 | 166 | 6.283 | 12.399 | 2.364 | 37.631 | 0.183 |
| 3 - 6 | 179 | 7.415 | 14.999 | 2.741 | 36.966 | 0.204 |
| 6 - 9 | 207 | 6.862 | 12.600 | 2.193 | 31.964 | 0.152 |
| 9 - 12 | 198 | 6.491 | 12.000 | 2.230 | 34.360 | 0.158 |
| 12 - 15 | 194 | 5.915 | 11.799 | 1.919 | 32.441 | 0.137 |
| 15 - 18 | 198 | 5.621 | 10.799 | 1.974 | 35.126 | 0.140 |
| 18 - 21 | 167 | 5.774 | 13.600 | 2.026 | 35.094 | 0.156 |
| 21 - 24 | 177 | 5.589 | 9.100 | 1.766 | 31.604 | 0.132 |
| 24 - 27 | 191 | 6.075 | 11.599 | 2.152 | 35.432 | 0.155 |
| 27 - 30 | 162 | 5.939 | 10.699 | 2.127 | 35.812 | 0.167 |
| 30 - 33 | 175 | 5.901 | 13.100 | 2.262 | 38.344 | 0.171 |
| 33 - 36 | 174 | 6.033 | 10.600 | 2.097 | 34.762 | 0.159 |
| 36 - 39 | 201 | 6.011 | 11.200 | 2.200 | 36.601 | 0.155 |
| 39 - 42 | 149 | 5.733 | 10.299 | 1.993 | 34.764 | 0.163 |
| 42 - 45 | 144 | 5.574 | 10.100 | 1.795 | 32.212 | 0.149 |
| 45 - 48 | 188 | 5.464 | 9.600 | 1.977 | 36.186 | 0.144 |
| 48 - 51 | 165 | 5.452 | 9.900 | 2.068 | 37.930 | 0.161 |
| 51 - 54 | 148 | 5.147 | 9.100 | 1.848 | 35.901 | 0.151 |
| 54 - 57 | 101 | 4.908 | 10.299 | 1.819 | 37.074 | 0.181 |
| 57 - 60 | 131 | 5.100 | 9.799 | 1.673 | 32.816 | 0.146 |
| 60 - 63 | 294 | 4.955 | 11.399 | 1.723 | 34.777 | 0.100 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS INCREMENTS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE GROUP (MONTH) | MEAN VALUES MALES | FEMALES |
|---|---|---|
| 0- 3 | 6.182 | 6.378 |
| 3- 6 | 0.829 | 1.393 |
| 6- 9 | 0.017 | -1.139 |
| 9-12 | -0.571 | -0.102 |
| 12-15 | -0.656 | -0.493 |
| 15-18 | -0.380 | -0.222 |
| 18-21 | 0.398 | -0.099 |
| 21-24 | -0.283 | -0.063 |
| 24-27 | 0.288 | 0.590 |
| 27-30 | -0.395 | 0.386 |
| 30-33 | 0.055 | -0.350 |
| 33-36 | 0.051 | 0.315 |
| 36-39 | 0.066 | -0.123 |
| 39-42 | 0.001 | -0.596 |
| 42-45 | -0.427 | 0.090 |
| 45-48 | -0.064 | -0.129 |
| 48-51 | -0.446 | 0.360 |
| 51-54 | 0.068 | -0.402 |
| 54-57 | -0.225 | -0.270 |
| 57-60 | 0.058 | 0.106 |
| 60-63 | -0.131 | -0.217 |

CHILDREN'S WEIGHT (KG) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 168 | 3.109 | 3.361 | 3.896 | 4.544 | 5.285 | 5.945 | 6.522 |
| 3 - 6 | 179 | 4.123 | 4.780 | 5.356 | 6.144 | 7.026 | 7.977 | 9.119 |
| 6 - 9 | 206 | 5.233 | 6.128 | 6.798 | 7.488 | 8.449 | 9.319 | 9.987 |
| 9 - 12 | 197 | 5.965 | 6.785 | 7.551 | 8.344 | 9.043 | 9.830 | 10.668 |
| 12 - 15 | 200 | 6.521 | 7.014 | 7.865 | 8.850 | 9.760 | 10.549 | 11.255 |
| 15 - 18 | 197 | 6.160 | 7.594 | 8.572 | 9.415 | 10.249 | 10.982 | 11.621 |
| 18 - 21 | 167 | 7.407 | 8.454 | 9.266 | 10.031 | 11.004 | 12.010 | 12.908 |
| 21 - 24 | 178 | 7.705 | 8.821 | 9.544 | 10.458 | 11.503 | 12.459 | 13.528 |
| 24 - 27 | 191 | 8.410 | 9.280 | 10.186 | 10.983 | 11.859 | 12.601 | 13.436 |
| 27 - 30 | 163 | 9.146 | 10.156 | 10.808 | 11.576 | 12.511 | 13.304 | 14.017 |
| 30 - 33 | 175 | 9.666 | 10.443 | 11.209 | 12.111 | 13.053 | 13.885 | 14.747 |
| 33 - 36 | 174 | 9.532 | 10.524 | 11.402 | 12.574 | 13.528 | 14.334 | 15.303 |
| 36 - 39 | 202 | 10.266 | 11.014 | 12.047 | 13.004 | 13.973 | 15.201 | 16.550 |
| 39 - 42 | 149 | 10.594 | 11.383 | 12.284 | 13.455 | 14.779 | 15.697 | 17.250 |
| 42 - 45 | 144 | 10.974 | 12.101 | 13.121 | 14.371 | 15.491 | 16.104 | 17.460 |
| 45 - 48 | 190 | 11.727 | 12.536 | 13.311 | 14.550 | 15.515 | 16.668 | 17.603 |
| 48 - 51 | 166 | 11.586 | 12.776 | 13.434 | 14.616 | 15.532 | 16.704 | 17.841 |
| 51 - 54 | 148 | 12.073 | 12.946 | 13.965 | 15.011 | 16.202 | 17.435 | 18.534 |
| 54 - 57 | 162 | 11.896 | 13.465 | 14.360 | 15.223 | 16.423 | 17.613 | 18.837 |
| 57 - 60 | 132 | 12.462 | 13.659 | 14.861 | 15.945 | 17.406 | 18.453 | 19.519 |
| 60 - 63 | 296 | 12.452 | 13.852 | 15.072 | 16.282 | 17.750 | 19.057 | 20.649 |

CHILDREN'S HEIGHT (CM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 168 | 49.240 | 50.594 | 53.143 | 55.925 | 58.252 | 60.059 | 64.209 |
| 3 - 6 | 179 | 54.859 | 57.229 | 59.354 | 62.020 | 64.473 | 67.661 | 71.065 |
| 6 - 9 | 206 | 59.814 | 61.552 | 64.162 | 66.537 | 69.259 | 71.249 | 73.827 |
| 9 - 12 | 198 | 62.672 | 65.417 | 68.158 | 69.884 | 71.610 | 74.225 | 75.669 |
| 12 - 15 | 197 | 64.638 | 67.720 | 69.991 | 72.962 | 75.392 | 78.008 | 79.318 |
| 15 - 18 | 197 | 66.294 | 69.543 | 72.802 | 75.915 | 78.284 | 80.496 | 82.878 |
| 18 - 21 | 167 | 69.304 | 72.574 | 75.080 | 77.736 | 80.498 | 82.568 | 85.758 |
| 21 - 24 | 174 | 72.029 | 74.233 | 77.038 | 80.174 | 82.757 | 85.486 | 86.979 |
| 24 - 27 | 190 | 72.512 | 76.448 | 78.855 | 81.374 | 84.043 | 86.562 | 89.644 |
| 27 - 30 | 162 | 69.729 | 78.449 | 81.071 | 83.974 | 86.379 | 89.392 | 92.531 |
| 30 - 33 | 175 | 72.369 | 80.415 | 83.363 | 85.921 | 89.045 | 91.760 | 94.346 |
| 33 - 36 | 175 | 76.169 | 81.309 | 84.505 | 87.757 | 90.202 | 93.369 | 97.205 |
| 36 - 39 | 201 | 79.430 | 83.626 | 86.722 | 89.316 | 92.400 | 95.190 | 98.003 |
| 39 - 42 | 149 | 82.287 | 85.424 | 88.291 | 91.397 | 94.346 | 97.295 | 100.850 |
| 42 - 45 | 144 | 84.622 | 87.704 | 90.955 | 93.691 | 97.211 | 100.529 | 104.391 |
| 45 - 48 | 190 | 86.762 | 90.542 | 92.775 | 95.832 | 98.547 | 101.254 | 103.791 |
| 48 - 51 | 166 | 87.642 | 90.979 | 93.682 | 96.210 | 98.231 | 101.311 | 104.952 |
| 51 - 54 | 148 | 87.310 | 91.458 | 94.471 | 97.713 | 101.028 | 104.267 | 108.479 |
| 54 - 57 | 101 | 91.775 | 94.014 | 96.797 | 100.041 | 102.959 | 105.358 | 108.868 |
| 57 - 60 | 132 | 93.087 | 95.747 | 98.689 | 101.824 | 105.030 | 107.970 | 109.970 |
| 60 - 63 | 296 | 87.504 | 95.575 | 99.821 | 103.501 | 107.250 | 109.768 | 114.974 |

CHILDREN'S HEAD CIRCUMFERENCE (CM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 168 | 34.276 | 35.305 | 36.331 | 37.737 | 38.961 | 40.058 | 44.404 |
| 3 - 6 | 179 | 37.494 | 38.397 | 39.346 | 40.575 | 42.036 | 43.784 | 47.443 |
| 6 - 9 | 209 | 39.630 | 40.742 | 41.739 | 42.831 | 44.005 | 45.216 | 46.229 |
| 9 - 12 | 198 | 40.557 | 41.848 | 42.849 | 43.966 | 45.288 | 46.412 | 47.955 |
| 12 - 15 | 199 | 40.947 | 42.516 | 43.575 | 44.663 | 45.747 | 46.984 | 48.259 |
| 15 - 18 | 198 | 41.838 | 43.036 | 44.453 | 45.465 | 46.335 | 47.199 | 48.785 |
| 18 - 21 | 168 | 42.702 | 43.651 | 44.657 | 45.926 | 46.946 | 47.797 | 48.721 |
| 21 - 24 | 178 | 42.841 | 43.945 | 45.257 | 46.237 | 47.435 | 48.479 | 49.571 |
| 24 - 27 | 190 | 43.139 | 44.329 | 45.445 | 46.555 | 47.589 | 48.243 | 49.094 |
| 27 - 30 | 163 | 43.425 | 44.866 | 46.144 | 46.935 | 47.806 | 48.736 | 50.236 |
| 30 - 33 | 175 | 44.073 | 45.179 | 46.147 | 47.060 | 48.036 | 48.913 | 49.711 |
| 33 - 36 | 175 | 44.176 | 45.452 | 46.133 | 47.339 | 48.452 | 49.652 | 50.889 |
| 36 - 39 | 202 | 44.731 | 45.825 | 46.879 | 47.734 | 48.576 | 49.604 | 50.432 |
| 39 - 42 | 150 | 44.807 | 45.736 | 46.702 | 47.846 | 48.778 | 49.553 | 51.011 |
| 42 - 45 | 144 | 45.469 | 46.276 | 47.128 | 48.212 | 49.293 | 50.319 | 50.923 |
| 45 - 48 | 189 | 45.306 | 46.384 | 47.307 | 48.295 | 49.368 | 50.224 | 50.972 |
| 48 - 51 | 165 | 44.400 | 45.873 | 47.150 | 48.302 | 49.370 | 50.334 | 51.139 |
| 51 - 54 | 148 | 45.490 | 46.367 | 47.487 | 48.601 | 49.644 | 50.625 | 51.377 |
| 54 - 57 | 102 | 46.475 | 47.003 | 47.723 | 48.702 | 49.908 | 50.903 | 51.667 |
| 57 - 60 | 132 | 46.129 | 46.929 | 48.002 | 48.825 | 49.888 | 50.764 | 51.329 |
| 60 - 63 | 295 | 45.947 | 46.944 | 47.827 | 48.931 | 49.958 | 50.851 | 51.671 |

CHILDREN'S ARM CIRCUMFERENCE (CM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 167 | 9.061 | 9.904 | 10.752 | 11.699 | 12.522 | 13.360 | 14.105 |
| 3 - 6 | 179 | 10.090 | 11.102 | 11.811 | 12.808 | 13.647 | 14.411 | 15.136 |
| 6 - 9 | 209 | 11.139 | 11.862 | 12.556 | 13.485 | 14.285 | 15.059 | 16.042 |
| 9 - 12 | 196 | 11.594 | 12.233 | 13.008 | 13.833 | 14.576 | 15.223 | 16.034 |
| 12 - 15 | 199 | 11.441 | 12.317 | 12.975 | 13.836 | 14.682 | 15.291 | 16.529 |
| 15 - 18 | 197 | 10.875 | 12.334 | 12.931 | 13.713 | 14.546 | 15.086 | 15.931 |
| 18 - 21 | 168 | 11.752 | 12.552 | 13.376 | 14.093 | 14.978 | 15.591 | 16.340 |
| 21 - 24 | 178 | 12.191 | 12.827 | 13.495 | 14.091 | 14.915 | 15.559 | 16.516 |
| 24 - 27 | 190 | 12.295 | 12.803 | 13.820 | 14.375 | 15.088 | 15.961 | 16.560 |
| 27 - 30 | 162 | 12.450 | 13.174 | 13.712 | 14.625 | 15.416 | 16.330 | 17.295 |
| 30 - 33 | 176 | 12.959 | 13.666 | 14.187 | 14.851 | 15.521 | 16.187 | 16.967 |
| 33 - 36 | 175 | 12.663 | 13.522 | 14.249 | 14.790 | 15.661 | 16.582 | 17.038 |
| 36 - 39 | 201 | 13.169 | 13.674 | 14.145 | 15.022 | 15.850 | 16.610 | 17.313 |
| 39 - 42 | 147 | 12.916 | 13.806 | 14.379 | 15.058 | 15.882 | 16.534 | 17.382 |
| 42 - 45 | 143 | 13.216 | 13.906 | 14.541 | 15.241 | 16.173 | 17.069 | 17.587 |
| 45 - 48 | 190 | 13.420 | 13.977 | 14.606 | 15.200 | 16.029 | 16.747 | 17.102 |
| 48 - 51 | 165 | 13.348 | 13.907 | 14.535 | 15.265 | 16.002 | 16.732 | 17.851 |
| 51 - 54 | 148 | 13.338 | 14.170 | 14.699 | 15.378 | 16.117 | 16.981 | 17.573 |
| 54 - 57 | 101 | 13.452 | 13.905 | 14.338 | 15.096 | 16.042 | 17.010 | 17.604 |
| 57 - 60 | 132 | 13.804 | 14.207 | 14.697 | 15.561 | 16.246 | 16.951 | 17.621 |
| 60 - 63 | 294 | 13.267 | 14.037 | 14.700 | 15.451 | 16.313 | 17.017 | 17.622 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 166 | 2.904 | 3.726 | 4.677 | 5.761 | 6.546 | 7.348 | 10.110 |
| 3 - 6 | 179 | 3.831 | 4.585 | 5.659 | 6.897 | 8.386 | 9.868 | 11.251 |
| 6 - 9 | 207 | 4.177 | 5.061 | 5.831 | 6.933 | 8.135 | 9.889 | 12.151 |
| 9 - 12 | 198 | 4.485 | 5.039 | 5.657 | 6.838 | 7.656 | 9.094 | 10.432 |
| 12 - 15 | 194 | 4.187 | 4.761 | 5.517 | 6.381 | 7.331 | 8.532 | 10.168 |
| 15 - 18 | 198 | 4.098 | 4.696 | 5.457 | 6.305 | 7.323 | 8.649 | 10.210 |
| 18 - 21 | 167 | 4.287 | 5.091 | 5.772 | 6.784 | 7.947 | 9.100 | 10.555 |
| 21 - 24 | 177 | 4.518 | 4.955 | 5.741 | 6.809 | 7.709 | 9.100 | 10.291 |
| 24 - 27 | 191 | 4.442 | 4.763 | 5.662 | 6.950 | 8.123 | 9.281 | 10.663 |
| 27 - 30 | 162 | 4.514 | 5.177 | 5.920 | 6.947 | 8.177 | 9.938 | 10.918 |
| 30 - 33 | 175 | 4.538 | 5.194 | 6.019 | 7.183 | 8.582 | 10.102 | 12.079 |
| 33 - 36 | 174 | 4.632 | 5.217 | 5.997 | 7.100 | 8.522 | 10.127 | 11.565 |
| 36 - 39 | 201 | 4.567 | 5.204 | 5.913 | 7.138 | 8.417 | 9.729 | 10.803 |
| 39 - 42 | 149 | 4.671 | 5.247 | 5.939 | 6.970 | 8.193 | 9.577 | 10.589 |
| 42 - 45 | 144 | 4.542 | 5.073 | 5.715 | 6.917 | 8.057 | 9.843 | 10.918 |
| 45 - 48 | 188 | 4.507 | 5.025 | 5.746 | 6.744 | 7.642 | 9.811 | 10.645 |
| 48 - 51 | 165 | 4.399 | 4.861 | 5.665 | 6.659 | 8.053 | 9.418 | 10.273 |
| 51 - 54 | 148 | 4.298 | 4.711 | 5.619 | 6.416 | 7.736 | 8.886 | 9.753 |
| 54 - 57 | 101 | 4.049 | 4.565 | 5.198 | 5.967 | 7.004 | 8.742 | 10.003 |
| 57 - 60 | 131 | 4.436 | 4.780 | 5.487 | 6.154 | 7.422 | 8.512 | 10.273 |
| 60 - 63 | 294 | 4.093 | 4.606 | 5.206 | 6.034 | 7.216 | 8.532 | 9.967 |

MEAN BICEPS SKINFOLD THICKNESS (MM) PERCENTILES BY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 166 | 2.373 | 2.815 | 3.325 | 3.911 | 4.625 | 5.561 | 6.462 |
| 3 - 6 | 179 | 2.569 | 3.003 | 3.556 | 4.226 | 5.058 | 5.913 | 7.062 |
| 6 - 9 | 208 | 2.567 | 3.066 | 3.517 | 4.203 | 5.302 | 6.257 | 7.825 |
| 9 - 12 | 198 | 2.661 | 3.129 | 3.574 | 4.034 | 4.616 | 5.464 | 6.516 |
| 12 - 15 | 194 | 2.619 | 3.060 | 3.469 | 4.006 | 4.663 | 5.396 | 6.353 |
| 15 - 18 | 198 | 2.587 | 2.900 | 3.380 | 3.953 | 4.811 | 5.723 | 6.525 |
| 18 - 21 | 167 | 2.438 | 2.869 | 3.487 | 4.015 | 4.854 | 5.717 | 6.684 |
| 21 - 24 | 177 | 2.671 | 3.071 | 3.547 | 3.971 | 4.778 | 5.571 | 6.981 |
| 24 - 27 | 191 | 2.605 | 3.013 | 3.521 | 4.223 | 5.008 | 5.581 | 6.591 |
| 27 - 30 | 162 | 2.590 | 3.012 | 3.511 | 4.145 | 4.983 | 5.636 | 6.916 |
| 30 - 33 | 175 | 2.531 | 2.986 | 3.588 | 4.251 | 5.148 | 5.824 | 6.783 |
| 33 - 36 | 174 | 2.641 | 3.075 | 3.645 | 4.266 | 5.257 | 6.216 | 7.123 |
| 36 - 39 | 201 | 2.576 | 2.961 | 3.483 | 4.194 | 5.043 | 5.845 | 7.205 |
| 39 - 42 | 149 | 2.580 | 2.998 | 3.483 | 3.975 | 4.658 | 5.505 | 6.885 |
| 42 - 45 | 144 | 2.559 | 2.850 | 3.412 | 4.064 | 4.559 | 5.517 | 6.644 |
| 45 - 48 | 188 | 2.422 | 2.844 | 3.320 | 3.947 | 4.586 | 5.712 | 6.993 |
| 48 - 51 | 165 | 2.519 | 2.820 | 3.304 | 3.900 | 4.561 | 5.511 | 6.445 |
| 51 - 54 | 148 | 2.333 | 2.734 | 3.279 | 3.857 | 4.410 | 5.304 | 6.092 |
| 54 - 57 | 101 | 2.228 | 2.645 | 3.236 | 3.837 | 4.375 | 5.116 | 5.905 |
| 57 - 60 | 131 | 2.517 | 2.696 | 3.069 | 3.605 | 4.252 | 5.001 | 5.785 |
| 60 - 63 | 294 | 2.242 | 2.620 | 3.045 | 3.731 | 4.331 | 4.987 | 5.805 |

MEAN SUPRAILIAG SKINFOLD THICKNESS (MM) PERCENTILEBY AGE (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** | **75** | **90** | **97** |
|---|---|---|---|---|---|---|---|---|
| 0 - 3 | 166 | 2.670 | 3.533 | 4.149 | 5.169 | 6.047 | 7.648 | 8.871 |
| 3 - 6 | 179 | 2.979 | 3.731 | 4.545 | 5.505 | 6.597 | 7.613 | 8.830 |
| 6 - 9 | 207 | 3.356 | 4.069 | 4.689 | 5.604 | 6.542 | 7.663 | 8.896 |
| 9 - 12 | 198 | 3.586 | 3.989 | 4.486 | 5.254 | 6.085 | 7.110 | 8.259 |
| 12 - 15 | 194 | 3.234 | 3.664 | 4.178 | 4.878 | 5.802 | 6.583 | 7.535 |
| 15 - 18 | 198 | 3.079 | 3.587 | 4.028 | 4.774 | 5.485 | 6.289 | 7.402 |
| 18 - 21 | 167 | 3.303 | 3.743 | 4.267 | 5.050 | 5.821 | 6.815 | 7.726 |
| 21 - 24 | 177 | 3.615 | 3.908 | 4.303 | 4.883 | 5.560 | 6.601 | 8.624 |
| 24 - 27 | 191 | 3.290 | 3.729 | 4.243 | 4.925 | 5.924 | 6.938 | 7.857 |
| 27 - 30 | 162 | 3.208 | 3.696 | 4.263 | 4.915 | 5.750 | 7.033 | 8.029 |
| 30 - 33 | 175 | 3.124 | 3.680 | 4.242 | 5.162 | 5.826 | 7.401 | 9.089 |
| 33 - 36 | 174 | 3.323 | 3.833 | 4.320 | 5.140 | 6.099 | 6.994 | 8.151 |
| 36 - 39 | 201 | 3.185 | 3.659 | 4.133 | 4.883 | 5.942 | 7.024 | 8.763 |
| 39 - 42 | 149 | 3.203 | 3.651 | 4.067 | 4.848 | 5.584 | 6.699 | 8.021 |
| 42 - 45 | 144 | 3.194 | 3.665 | 4.167 | 4.887 | 5.641 | 6.894 | 8.886 |
| 45 - 48 | 188 | 3.061 | 3.463 | 3.856 | 4.404 | 5.370 | 6.528 | 7.617 |
| 48 - 51 | 165 | 2.891 | 3.315 | 3.873 | 4.458 | 5.386 | 6.294 | 8.005 |
| 51 - 54 | 148 | 2.779 | 3.242 | 3.842 | 4.456 | 5.274 | 6.084 | 7.166 |
| 54 - 57 | 101 | 2.786 | 3.183 | 3.677 | 4.251 | 4.741 | 5.977 | 7.098 |
| 57 - 60 | 131 | 3.037 | 3.290 | 3.714 | 4.230 | 4.945 | 5.605 | 6.971 |
| 60 - 63 | 294 | 2.834 | 3.269 | 3.772 | 4.343 | 5.087 | 6.014 | 7.039 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM

CHILD GROWTH SURVEY - AMMAN

| AGE(MONTHS) | | **3** | **10** | **25** | **50** |
|---|---|---|---|---|---|
| 0 - 3 | 166 | 3.201 | 3.782 | 4.570 | 5.730 |
| 3 - 6 | 179 | 3.456 | 4.329 | 5.452 | 7.005 |
| 6 - 9 | 207 | 3.913 | 4.483 | 5.083 | 6.577 |
| 9 - 12 | 198 | 3.466 | 4.095 | 4.773 | 6.007 |
| 12 - 15 | 194 | 3.411 | 3.961 | 4.582 | 5.652 |
| 15 - 18 | 198 | 2.898 | 3.644 | 4.264 | 5.168 |
| 18 - 21 | 167 | 3.059 | 3.696 | 4.456 | 5.415 |
| 21 - 24 | 177 | 3.317 | 3.856 | 4.403 | 4.968 |
| 24 - 27 | 191 | 3.374 | 3.931 | 4.592 | 5.611 |
| 27 - 30 | 162 | 3.288 | 3.808 | 4.522 | 5.389 |
| 30 - 33 | 175 | 2.772 | 3.557 | 4.323 | 5.358 |
| 33 - 36 | 174 | 2.992 | 3.863 | 4.518 | 5.673 |
| 36 - 39 | 201 | 3.203 | 3.765 | 4.450 | 5.545 |
| 39 - 42 | 149 | 3.393 | 3.825 | 4.422 | 5.181 |
| 42 - 45 | 144 | 3.217 | 3.682 | 4.344 | 5.268 |
| 45 - 48 | 188 | 2.801 | 3.447 | 4.069 | 4.904 |
| 48 - 51 | 165 | 2.840 | 3.423 | 4.047 | 5.017 |
| 51 - 54 | 148 | 2.778 | 3.428 | 4.055 | 4.777 |
| 54 - 57 | 101 | 2.605 | 3.136 | 3.894 | 4.581 |
| 57 - 60 | 131 | 3.196 | 3.565 | 4.095 | 4.685 |
| 60 - 63 | 294 | 2.740 | 3.221 | 3.862 | 4.674 |

PERCENTILES BY AGE (SEX COMBINED)

| **75** | **90** | **97** |
|---|---|---|
| 7.585 | 9.581 | 11.641 |
| 9.264 | 11.429 | 12.751 |
| 8.237 | 10.023 | 11.575 |
| 7.389 | 10.034 | 11.032 |
| 6.970 | 8.491 | 9.937 |
| 6.627 | 8.393 | 10.310 |
| 6.848 | 8.669 | 10.177 |
| 6.586 | 8.234 | 10.008 |
| 7.143 | 9.196 | 10.795 |
| 7.084 | 8.984 | 11.113 |
| 7.198 | 9.016 | 10.879 |
| 7.207 | 8.912 | 10.897 |
| 7.183 | 9.367 | 11.602 |
| 6.379 | 8.857 | 10.747 |
| 6.547 | 8.097 | 9.637 |
| 6.904 | 8.243 | 10.161 |
| 6.169 | 8.545 | 10.459 |
| 5.789 | 7.349 | 10.582 |
| 5.698 | 7.138 | 9.811 |
| 5.827 | 7.396 | 9.823 |
| 5.803 | 7.063 | 9.245 |

APPENDIX X

COMPLETELY BREAST FED CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 32 | 4.577 | 3.000 | 7.279 | 4.279 | 1.004 | 21.946 | 0.177 |
| 3 - 6 | 18 | 6.630 | 3.940 | 8.550 | 4.610 | 1.061 | 16.004 | 0.250 |
| 6 - 9 | 37 | 7.894 | 5.180 | 10.149 | 4.969 | 1.040 | 13.181 | 0.171 |
| 9 - 12 | 19 | 8.703 | 6.000 | 10.800 | 4.800 | 1.372 | 15.772 | 0.314 |
| 12 - 15 | 20 | 8.460 | 4.699 | 10.719 | 6.019 | 1.474 | 17.428 | 0.329 |
| 15 - 18 | 10 | 9.841 | 8.670 | 11.100 | 2.430 | 0.983 | 9.996 | 0.311 |
| 18 - 21 | 4 | 10.774 | 9.450 | 12.299 | 2.849 | 1.219 | 11.319 | 0.609 |
| 21 - 24 | 2 | 11.274 | 10.000 | 12.549 | 2.549 | 1.803 | 15.992 | 1.274 |
| 24 - 27 | 1 | 13.500 | 13.500 | 13.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 8.500 | 8.500 | 8.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 13.000 | 13.000 | 13.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 3 | 13.149 | 6.550 | 17.000 | 10.449 | 5.742 | 43.666 | 3.315 |

COMPLETELY BREAST FED CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 38 | 4.307 | 3.050 | 6.100 | 3.050 | 0.786 | 18.265 | 0.127 |
| 3 - 6 | 17 | 6.132 | 5.079 | 7.250 | 2.170 | 0.675 | 11.022 | 0.163 |
| 6 - 9 | 22 | 7.434 | 5.199 | 8.850 | 3.650 | 0.858 | 11.546 | 0.183 |
| 9 - 12 | 18 | 8.295 | 6.569 | 10.700 | 4.130 | 1.031 | 12.430 | 0.244 |
| 12 - 15 | 16 | 8.541 | 6.869 | 11.130 | 4.260 | 1.123 | 13.149 | 0.280 |
| 15 - 18 | 4 | 9.475 | 8.899 | 9.950 | 1.050 | 0.433 | 4.570 | 0.216 |
| 18 - 21 | 4 | 8.477 | 7.500 | 9.700 | 2.200 | 1.054 | 12.442 | 0.527 |
| 21 - 24 | 2 | 9.149 | 8.649 | 9.649 | 1.000 | 0.707 | 7.727 | 0.499 |
| 24 - 27 | 1 | 8.220 | 8.220 | 8.220 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 12.899 | 12.899 | 12.899 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 11.350 | 9.750 | 12.950 | 3.200 | 2.262 | 19.936 | 1.600 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 13.700 | 13.700 | 13.700 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 14.200 | 14.200 | 14.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 16.799 | 16.799 | 16.799 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 13.000 | 13.000 | 13.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 15.950 | 15.950 | 15.950 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREAST FED CHILDRENS LENGTH (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 32 | 54.793 | 44.599 | 63.599 | 19.000 | 4.048 | 7.386 | 0.715 |
| 3 - 6 | 18 | 62.683 | 53.000 | 67.699 | 14.699 | 3.416 | 5.449 | 0.805 |
| 6 - 9 | 18 | 67.510 | 61.300 | 72.900 | 11.600 | 2.873 | 4.182 | 0.458 |
| 9 - 12 | 20 | 70.710 | 64.900 | 74.800 | 9.899 | 2.354 | 3.329 | 0.526 |
| 12 - 15 | 19 | 72.057 | 59.800 | 78.900 | 19.100 | 4.393 | 6.097 | 1.007 |
| 15 - 18 | 9 | 76.255 | 72.500 | 80.300 | 7.800 | 2.403 | 3.152 | 0.801 |
| 18 - 21 | 4 | 78.949 | 74.199 | 84.900 | 10.700 | 5.036 | 6.378 | 2.518 |
| 21 - 24 | 2 | 74.150 | 71.900 | 76.400 | 4.500 | 3.181 | 4.291 | 2.249 |
| 24 - 27 | 1 | 83.699 | 83.699 | 83.699 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 75.900 | 75.900 | 75.900 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 86.199 | 86.199 | 86.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 89.300 | 62.699 | 105.000 | 42.300 | 23.353 | 26.073 | 13.482 |

COMPLETELY BREAST FED CHILDREN'S LENGTH (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 38 | 54.450 | 49.900 | 59.699 | 9.799 | 2.837 | 5.211 | 0.460 |
| 3 - 6 | 17 | 61.523 | 55.699 | 70.699 | 14.999 | 3.506 | 5.699 | 0.850 |
| 6 - 9 | 22 | 64.931 | 57.599 | 71.400 | 13.800 | 3.162 | 4.871 | 0.674 |
| 9 - 12 | 18 | 69.072 | 63.199 | 75.100 | 11.900 | 3.210 | 4.647 | 0.756 |
| 12 - 15 | 16 | 71.487 | 67.199 | 75.900 | 8.700 | 2.525 | 3.532 | 0.631 |
| 15 - 18 | 4 | 76.175 | 75.000 | 77.800 | 2.800 | 1.255 | 1.647 | 0.627 |
| 18 - 21 | 4 | 74.675 | 71.699 | 77.400 | 5.700 | 2.756 | 3.690 | 1.378 |
| 21 - 24 | 2 | 73.699 | 71.900 | 75.500 | 3.599 | 2.545 | 3.453 | 1.799 |
| 24 - 27 | 1 | 74.100 | 74.100 | 74.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 83.600 | 83.600 | 83.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 78.600 | 65.800 | 91.400 | 25.600 | 18.101 | 23.030 | 12.799 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 91.800 | 91.800 | 91.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 97.500 | 97.500 | 97.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 100.800 | 100.800 | 100.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 92.600 | 92.800 | 92.600 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 103.800 | 103.800 | 103.800 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREAST FED CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D. | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | MALES | | | | | |
| 0 - 3 | 32 | 37.684 | 33.700 | 41.500 | 7.799 | 1.913 | 5.077 | 0.336 |
| 3 - 6 | 18 | 41.094 | 35.300 | 46.800 | 11.500 | 2.536 | 6.171 | 0.597 |
| 6 - 9 | 38 | 43.778 | 40.400 | 46.500 | 6.099 | 1.436 | 3.280 | 0.232 |
| 9 - 12 | 20 | 44.599 | 41.500 | 47.000 | 5.500 | 1.419 | 3.181 | 0.317 |
| 12 - 15 | 19 | 44.357 | 40.000 | 47.000 | 7.000 | 1.548 | 3.491 | 0.355 |
| 15 - 18 | 10 | 46.750 | 45.000 | 49.200 | 4.200 | 1.229 | 2.629 | 0.388 |
| 18 - 21 | 4 | 47.000 | 46.599 | 47.400 | 0.800 | 0.326 | 0.694 | 0.163 |
| 21 - 24 | 2 | 44.950 | 43.200 | 46.700 | 3.500 | 2.474 | 5.505 | 1.749 |
| 24 - 27 | 1 | 48.599 | 48.599 | 48.599 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 45.500 | 45.500 | 45.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 47.400 | 47.400 | 47.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 3 | 44.933 | 41.000 | 48.599 | 7.599 | 3.807 | 8.472 | 2.197 |

COMPLETELY BREAST FED CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 - 3 | 38 | 37.031 | 34.200 | 40.400 | 6.199 | 1.570 | 4.240 | 0.254 |
| 3 - 6 | 17 | 40.429 | 38.000 | 48.200 | 10.200 | 2.376 | 5.877 | 0.576 |
| 6 - 9 | 22 | 42.154 | 38.000 | 45.300 | 7.300 | 1.427 | 3.385 | 0.304 |
| 9 - 12 | 18 | 43.377 | 41.800 | 45.700 | 3.900 | 1.175 | 2.708 | 0.276 |
| 12 - 15 | 16 | 43.393 | 41.000 | 46.000 | 5.000 | 1.312 | 3.025 | 0.328 |
| 15 - 18 | 4 | 45.925 | 44.500 | 47.200 | 2.700 | 1.117 | 2.433 | 0.558 |
| 18 - 21 | 4 | 44.449 | 43.599 | 45.300 | 1.700 | 0.925 | 2.082 | 0.462 |
| 21 - 24 | 2 | 46.299 | 44.000 | 48.599 | 4.599 | 3.252 | 7.025 | 2.299 |
| 24 - 27 | 1 | 45.200 | 45.200 | 45.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 47.599 | 47.599 | 47.599 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 44.450 | 43.700 | 45.200 | 1.500 | 1.060 | 2.386 | 0.749 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 47.000 | 47.000 | 47.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 49.300 | 49.300 | 49.300 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 50.800 | 50.800 | 50.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 49.000 | 49.000 | 49.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 47.200 | 47.200 | 47.200 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREAST FED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 32 | 11.953 | 9.300 | 15.500 | 6.199 | 1.378 | 11.533 | 0.243 |
| 3 - 6 | 18 | 12.883 | 11.300 | 15.000 | 3.699 | 1.076 | 8.352 | 0.253 |
| 6 - 9 | 38 | 13.423 | 9.500 | 16.500 | 6.999 | 1.260 | 9.387 | 0.204 |
| 9 - 12 | 20 | 13.969 | 11.000 | 15.700 | 4.700 | 1.194 | 8.549 | 0.267 |
| 12 - 15 | 19 | 13.978 | 12.000 | 16.400 | 4.400 | 1.183 | 8.469 | 0.271 |
| 15 - 18 | 10 | 14.339 | 12.500 | 17.500 | 4.999 | 1.419 | 9.895 | 0.448 |
| 18 - 21 | 4 | 14.899 | 13.200 | 16.000 | 2.799 | 1.205 | 8.090 | 0.602 |
| 21 - 24 | 2 | 14.199 | 13.399 | 15.000 | 1.600 | 1.131 | 7.967 | 0.799 |
| 24 - 27 | 1 | 17.000 | 17.000 | 17.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 12.500 | 12.500 | 12.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 17.000 | 17.000 | 17.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 3 | 13.266 | 12.200 | 15.200 | 3.000 | 1.677 | 12.642 | 0.968 |

COMPLETELY BREAST FED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 38 | 11.347 | 9.500 | 17.400 | 7.900 | 1.529 | 13.477 | 0.248 |
| 3 - 6 | 17 | 12.776 | 11.300 | 13.799 | 2.499 | 0.782 | 6.122 | 0.189 |
| 6 - 9 | 22 | 13.131 | 11.200 | 14.600 | 3.400 | 0.838 | 6.381 | 0.178 |
| 9 - 12 | 18 | 13.777 | 12.000 | 16.000 | 4.000 | 1.151 | 8.359 | 0.271 |
| 12 - 15 | 16 | 13.981 | 11.000 | 17.000 | 5.999 | 1.488 | 10.644 | 0.372 |
| 15 - 18 | 4 | 14.674 | 14.299 | 15.000 | 0.700 | 0.377 | 2.572 | 0.188 |
| 18 - 21 | 4 | 12.624 | 12.000 | 13.500 | 1.500 | 0.699 | 5.453 | 0.349 |
| 21 - 24 | 2 | 13.399 | 13.000 | 13.799 | 0.799 | 0.565 | 4.221 | 0.399 |
| 24 - 27 | 1 | 13.500 | 13.500 | 13.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 16.500 | 16.500 | 16.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 14.549 | 13.799 | 15.299 | 1.500 | 1.060 | 7.289 | 0.749 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 14.500 | 14.500 | 14.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 14.299 | 14.299 | 14.299 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 16.299 | 16.299 | 16.299 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 14.399 | 14.399 | 14.399 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 14.500 | 14.500 | 14.500 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREAST FED CHILDREN'S MEAN TRICEPS SKINFOLD THICKNESS(MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 32 | 5.493 | 3.200 | 7.199 | 3.999 | 1.084 | 19.745 | 0.191 |
| 3 - 6 | 18 | 6.611 | 5.000 | 9.200 | 4.200 | 1.275 | 19.286 | 0.300 |
| 6 - 9 | 37 | 7.048 | 2.800 | 12.200 | 9.399 | 1.895 | 26.886 | 0.311 |
| 9 - 12 | 20 | 6.264 | 4.199 | 8.600 | 4.400 | 1.154 | 18.428 | 0.258 |
| 12 - 15 | 19 | 6.421 | 3.400 | 9.500 | 6.099 | 1.405 | 21.893 | 0.322 |
| 15 - 18 | 10 | 6.169 | 4.400 | 9.899 | 5.499 | 2.080 | 33.721 | 0.657 |
| 18 - 21 | 3 | 6.266 | 5.800 | 7.000 | 1.200 | 0.642 | 10.259 | 0.371 |
| 21 - 24 | 2 | 6.899 | 5.800 | 8.000 | 2.200 | 1.555 | 22.545 | 1.099 |
| 24 - 27 | 1 | 9.200 | 9.200 | 9.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 10.600 | 10.600 | 10.600 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 3 | 6.133 | 5.199 | 7.399 | 2.200 | 1.137 | 18.542 | 0.656 |

COMPLETELY BREAST FED CHILDREN'S MEAN TRICEPS SKINFOLD THICKNESS(MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 - 3 | 37 | 5.405 | 2.400 | 10.000 | 7.599 | 1.734 | 32.096 | 0.285 |
| 3 - 6 | 17 | 6.705 | 4.199 | 10.000 | 5.800 | 1.765 | 26.321 | 0.428 |
| 6 - 9 | 22 | 7.213 | 4.800 | 11.000 | 6.199 | 1.733 | 24.027 | 0.369 |
| 9 - 12 | 18 | 7.305 | 4.000 | 9.500 | 5.499 | 1.614 | 22.093 | 0.380 |
| 12 - 15 | 16 | 6.562 | 5.199 | 9.800 | 4.600 | 1.460 | 22.262 | 0.365 |
| 15 - 18 | 4 | 7.449 | 6.800 | 8.000 | 1.200 | 0.550 | 7.392 | 0.275 |
| 18 - 21 | 4 | 6.349 | 6.000 | 6.800 | 0.800 | 0.341 | 5.378 | 0.170 |
| 21 - 24 | 2 | 5.400 | 4.400 | 6.400 | 2.000 | 1.414 | 26.189 | 0.999 |
| 24 - 27 | 1 | 4.800 | 4.800 | 4.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 6.800 | 6.800 | 6.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 7.899 | 5.800 | 10.000 | 4.199 | 2.969 | 37.592 | 2.099 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 6.400 | 6.400 | 6.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 5.199 | 5.199 | 5.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 7.399 | 7.399 | 7.399 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 4.800 | 4.800 | 4.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 4.400 | 4.400 | 4.400 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREAST FED CHILDREN'S MEAN BICEPS SKINFOLD THICKNESS(MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | MALES | | | | | |
| 0 - 3 | 32 | 4.174 | 2.800 | 6.199 | 3.399 | 0.933 | 22.361 | 0.165 |
| 3 - 6 | 18 | 3.811 | 3.000 | 5.600 | 2.600 | 0.680 | 17.861 | 0.160 |
| 6 - 9 | 37 | 4.451 | 2.400 | 8.200 | 5.800 | 1.179 | 26.489 | 0.193 |
| 9 - 12 | 20 | 3.859 | 2.000 | 5.600 | 3.599 | 0.889 | 23.055 | 0.198 |
| 12 - 15 | 19 | 3.957 | 2.400 | 6.199 | 3.799 | 0.937 | 23.676 | 0.214 |
| 15 - 18 | 10 | 4.179 | 2.599 | 7.399 | 4.800 | 1.538 | 36.817 | 0.486 |
| 18 - 21 | 3 | 3.933 | 3.000 | 5.000 | 1.999 | 1.006 | 25.592 | 0.581 |
| 21 - 24 | 2 | 4.300 | 4.000 | 4.600 | 0.600 | 0.424 | 9.866 | 0.299 |
| 24 - 27 | 1 | 5.000 | 5.000 | 5.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 4.400 | 4.400 | 4.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 4.199 | 1.000 | 5.400 | 2.400 | 1.199 | 28.571 | 0.692 |

COMPLETELY BREAST FED CHILDREN'S MEAN BICEPS SKINFOLD THICKNESS(MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 - 3 | 37 | 3.721 | 2.200 | 6.199 | 3.999 | 0.984 | 26.442 | 0.161 |
| 3 - 6 | 17 | 4.388 | 2.800 | 7.600 | 4.800 | 1.209 | 27.557 | 0.293 |
| 6 - 9 | 22 | 4.609 | 3.400 | 7.199 | 3.799 | 1.005 | 21.818 | 0.214 |
| 9 - 12 | 18 | 4.899 | 3.000 | 10.200 | 7.199 | 1.594 | 32.540 | 0.375 |
| 12 - 15 | 16 | 4.524 | 3.599 | 5.400 | 1.800 | 0.672 | 14.868 | 0.168 |
| 15 - 18 | 4 | 5.099 | 4.000 | 6.000 | 1.999 | 0.959 | 18.807 | 0.479 |
| 18 - 21 | 4 | 3.199 | 2.599 | 3.800 | 1.200 | 0.516 | 16.137 | 0.258 |
| 21 - 24 | 2 | 4.599 | 3.000 | 6.199 | 3.199 | 2.262 | 49.190 | 1.599 |
| 24 - 27 | 1 | 3.400 | 3.400 | 3.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 5.000 | 5.000 | 5.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 6.199 | 4.000 | 8.399 | 4.399 | 3.111 | 50.181 | 2.199 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 2.200 | 2.200 | 2.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 3.200 | 3.200 | 3.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 3.400 | 3.400 | 3.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 3.800 | 3.800 | 3.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 2.000 | 2.000 | 2.000 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREAST FED CHILDREN'S MEAN SURAILIAC SKINFOLD THICKNESS(MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | MALES | | | | | |
| 0 - 3 | 32 | 5.337 | 3.599 | 8.800 | 5.200 | 1.308 | 24.514 | 0.231 |
| 3 - 6 | 18 | 5.155 | 3.400 | 8.000 | 4.600 | 1.039 | 20.160 | 0.244 |
| 6 - 9 | 37 | 5.781 | 2.800 | 11.000 | 8.199 | 1.607 | 27.801 | 0.264 |
| 9 - 12 | 20 | 5.319 | 3.200 | 7.399 | 4.199 | 1.219 | 22.929 | 0.272 |
| 12 - 15 | 19 | 5.036 | 3.200 | 8.500 | 5.299 | 1.455 | 28.901 | 0.333 |
| 15 - 18 | 10 | 4.509 | 3.000 | 6.800 | 3.800 | 1.069 | 23.707 | 0.338 |
| 18 - 21 | 3 | 5.266 | 3.800 | 6.400 | 2.600 | 1.331 | 25.284 | 0.768 |
| 21 - 24 | 2 | 5.300 | 4.199 | 6.400 | 2.200 | 1.555 | 29.351 | 1.099 |
| 24 - 27 | 1 | 7.399 | 7.399 | 7.399 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 1 | 5.199 | 5.199 | 5.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 3 | 4.533 | 3.000 | 5.400 | 2.400 | 1.331 | 29.374 | 0.768 |

COMPLETELY BREAST FED CHILDREN'S MEAN SURAILIAC SKINFOLD THICKNESS(MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 - 3 | 37 | 5.148 | 2.800 | 9.000 | 6.199 | 1.516 | 29.461 | 0.249 |
| 3 - 6 | 17 | 6.011 | 3.400 | 9.000 | 5.599 | 1.504 | 25.019 | 0.364 |
| 6 - 9 | 22 | 5.936 | 4.199 | 8.000 | 3.800 | 1.024 | 17.253 | 0.218 |
| 9 - 12 | 18 | 6.072 | 4.199 | 9.800 | 5.600 | 1.454 | 23.950 | 0.342 |
| 12 - 15 | 16 | 5.449 | 1.599 | 7.399 | 5.799 | 0.928 | 17.029 | 0.232 |
| 15 - 18 | 4 | 5.449 | 4.800 | 6.199 | 1.399 | 0.754 | 13.852 | 0.377 |
| 18 - 21 | 4 | 4.699 | 3.800 | 6.000 | 2.199 | 0.959 | 20.407 | 0.479 |
| 21 - 24 | 2 | 5.099 | 5.000 | 5.199 | 0.199 | 0.141 | 2.772 | 0.099 |
| 24 - 27 | 1 | 4.800 | 4.800 | 4.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 5.000 | 5.000 | 5.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 7.799 | 5.199 | 10.399 | 5.199 | 3.678 | 47.140 | 2.599 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 4.199 | 4.199 | 4.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 3.800 | 3.800 | 3.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 5.400 | 5.400 | 5.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 5.000 | 5.000 | 5.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 1.599 | 1.599 | 1.599 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY BREASTFED CH

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 32 | 5.624 |
| 3 - 6 | 18 | 6.055 |
| 6 - 9 | 37 | 6.078 |
| 9 - 12 | 20 | 5.334 |
| 12 - 15 | 19 | 5.099 |
| 15 - 18 | 10 | 5.099 |
| 18 - 21 | 3 | 6.199 |
| 21 - 24 | 2 | 5.899 |
| 24 - 27 | 1 | 12.200 |
| 27 - 30 | 0 | 0.000 |
| 30 - 33 | 1 | 6.400 |
| 33 - 36 | 0 | 0.000 |
| 36 - 39 | 0 | 0.000 |
| 39 - 42 | 0 | 0.000 |
| 42 - 45 | 0 | 0.000 |
| 45 - 48 | 0 | 0.000 |
| 48 - 51 | 0 | 0.000 |
| 51 - 54 | 0 | 0.000 |
| 54 - 57 | 0 | 0.000 |
| 57 - 60 | 0 | 0.000 |
| 60 - 63 | 3 | 6.666 |

LDREN'S MEAN SUBSCAPULAR SKINGULA 18932555S '44' 2Y AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | M A L E S | | | | |
| 3.200 | 9.600 | 6.399 | 1.767 | 31.424 | 0.312 |
| 3.800 | 8.800 | 5.000 | 1.518 | 25.071 | 0.357 |
| 2.800 | 11.000 | 8.199 | 1.785 | 29.371 | 0.293 |
| 2.500 | 8.600 | 6.099 | 1.658 | 31.082 | 0.370 |
| 3.400 | 8.000 | 4.600 | 1.076 | 21.108 | 0.246 |
| 4.000 | 7.199 | 3.199 | 1.189 | 23.328 | 0.376 |
| 4.000 | 9.399 | 5.399 | 2.835 | 45.733 | 1.637 |
| 4.800 | 7.000 | 2.200 | 1.555 | 26.366 | 1.099 |
| 12.200 | 12.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6.400 | 6.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2.800 | 9.800 | 7.000 | 3.557 | 53.357 | 2.053 |

COMPLETELY BREASTFED CHILDREN'S MEAN SUBSCAPULAR SKINFOLD THICKNESS '44' BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | FEMALES | | | | | |
| 0 - 3 | 37 | 6.745 | 3.200 | 12.000 | 8.799 | 2.540 | 37.661 | 0.417 |
| 3 - 6 | 17 | 7.847 | 3.400 | 14.399 | 11.000 | 2.989 | 38.098 | 0.725 |
| 6 - 9 | 22 | 6.940 | 4.199 | 10.500 | 6.300 | 1.528 | 22.019 | 0.325 |
| 9 - 12 | 18 | 6.488 | 3.000 | 10.399 | 7.399 | 2.158 | 33.267 | 0.508 |
| 12 - 15 | 16 | 6.724 | 4.000 | 10.000 | 5.999 | 1.665 | 24.760 | 0.416 |
| 15 - 18 | 4 | 7.099 | 4.400 | 9.399 | 4.999 | 2.055 | 28.956 | 1.027 |
| 18 - 21 | 4 | 5.849 | 3.599 | 8.800 | 5.200 | 2.660 | 45.473 | 1.330 |
| 21 - 24 | 2 | 4.199 | 3.400 | 5.000 | 1.599 | 1.131 | 26.937 | 0.799 |
| 24 - 27 | 1 | 4.800 | 4.800 | 4.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 1 | 8.800 | 8.800 | 8.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 9.100 | 7.399 | 10.800 | 3.400 | 2.404 | 26.419 | 1.700 |
| 33 - 36 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 1 | 5.000 | 5.000 | 5.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 1 | 3.599 | 3.599 | 3.599 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 1 | 5.400 | 5.400 | 5.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 1 | 3.000 | 3.000 | 3.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 1 | 3.200 | 3.200 | 3.200 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPLETELY WEANED CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 5.292 | 3.250 | 9.700 | 6.449 | 1.334 | 25.210 | 0.278 |
| 3 - 6 | 40 | 6.342 | 4.000 | 10.500 | 6.499 | 1.411 | 22.256 | 0.223 |
| 6 - 9 | 54 | 7.495 | 3.099 | 10.200 | 7.100 | 1.413 | 18.853 | 0.192 |
| 9 - 12 | 58 | 8.464 | 4.400 | 11.450 | 7.050 | 1.263 | 14.926 | 0.165 |
| 12 - 15 | 64 | 9.399 | 6.149 | 11.700 | 5.550 | 1.207 | 12.850 | 0.150 |
| 15 - 18 | 75 | 9.559 | 6.149 | 12.600 | 6.450 | 1.455 | 15.224 | 0.168 |
| 18 - 21 | 81 | 10.529 | 6.760 | 16.430 | 9.669 | 1.472 | 13.986 | 0.163 |
| 21 - 24 | 90 | 10.769 | 5.350 | 13.750 | 8.399 | 1.313 | 12.199 | 0.138 |
| 24 - 27 | 73 | 11.185 | 8.050 | 13.670 | 5.619 | 1.112 | 9.949 | 0.130 |
| 27 - 30 | 91 | 11.783 | 8.850 | 14.500 | 5.650 | 1.161 | 9.852 | 0.121 |
| 30 - 33 | 81 | 12.401 | 9.000 | 15.299 | 6.300 | 1.278 | 10.311 | 0.142 |
| 33 - 36 | 91 | 12.692 | 8.600 | 15.700 | 7.100 | 1.393 | 10.977 | 0.146 |
| 36 - 39 | 106 | 13.291 | 9.380 | 18.600 | 9.220 | 1.731 | 13.027 | 0.168 |
| 39 - 42 | 78 | 13.610 | 10.600 | 18.750 | 8.149 | 1.728 | 12.701 | 0.195 |
| 42 - 45 | 71 | 14.509 | 10.450 | 18.600 | 8.150 | 1.580 | 10.892 | 0.187 |
| 45 - 48 | 95 | 14.845 | 9.600 | 19.000 | 9.399 | 1.556 | 10.486 | 0.159 |
| 48 - 51 | 80 | 14.842 | 10.899 | 21.900 | 11.000 | 1.736 | 11.700 | 0.194 |
| 51 - 54 | 90 | 15.371 | 10.350 | 21.100 | 10.750 | 1.759 | 11.443 | 0.185 |
| 54 - 57 | 62 | 15.464 | 10.600 | 20.750 | 10.149 | 1.746 | 11.291 | 0.221 |
| 57 - 60 | 65 | 16.371 | 10.750 | 22.000 | 11.250 | 1.868 | 11.412 | 0.231 |
| 60 - 63 | 135 | 16.725 | 11.950 | 22.400 | 10.450 | 1.973 | 11.799 | 0.169 |

COMPLETELY WEANED CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 26 | 4.289 | 2.800 | 5.550 | 2.750 | 0.645 | 15.053 | 0.126 |
| 3 - 6 | 52 | 6.301 | 3.099 | 9.399 | 6.299 | 1.258 | 19.966 | 0.174 |
| 6 - 9 | 43 | 7.414 | 4.449 | 11.200 | 6.750 | 1.218 | 16.436 | 0.185 |
| 9 - 12 | 50 | 7.977 | 5.225 | 9.700 | 4.475 | 0.858 | 10.764 | 0.121 |
| 12 - 15 | 67 | 8.427 | 5.699 | 10.780 | 5.080 | 1.204 | 14.295 | 0.147 |
| 15 - 18 | 87 | 9.179 | 5.199 | 14.549 | 9.350 | 1.307 | 14.247 | 0.140 |
| 18 - 21 | 64 | 9.647 | 6.500 | 11.950 | 5.450 | 1.190 | 12.345 | 0.148 |
| 21 - 24 | 80 | 10.367 | 6.800 | 15.750 | 8.950 | 1.613 | 15.563 | 0.180 |
| 24 - 27 | 114 | 10.862 | 7.000 | 14.000 | 7.000 | 1.291 | 11.891 | 0.120 |
| 27 - 30 | 68 | 11.412 | 7.500 | 14.299 | 6.799 | 1.282 | 11.241 | 0.155 |
| 30 - 33 | 88 | 12.024 | 8.800 | 15.000 | 6.199 | 1.260 | 10.483 | 0.134 |
| 33 - 36 | 80 | 12.310 | 6.550 | 17.600 | 11.050 | 1.620 | 13.160 | 0.181 |
| 36 - 39 | 93 | 12.882 | 10.300 | 16.500 | 6.199 | 1.307 | 10.146 | 0.135 |
| 39 - 42 | 69 | 13.448 | 10.000 | 18.400 | 8.400 | 1.669 | 12.417 | 0.201 |
| 42 - 45 | 73 | 14.014 | 10.250 | 18.250 | 7.999 | 1.624 | 11.588 | 0.190 |
| 45 - 48 | 92 | 14.204 | 9.800 | 17.700 | 7.899 | 1.597 | 11.248 | 0.166 |
| 48 - 51 | 85 | 14.445 | 10.600 | 19.700 | 9.100 | 1.617 | 11.200 | 0.175 |
| 51 - 54 | 55 | 14.675 | 9.540 | 18.650 | 9.110 | 1.748 | 11.915 | 0.235 |
| 54 - 57 | 40 | 15.235 | 11.899 | 20.549 | 8.649 | 1.649 | 10.824 | 0.260 |
| 57 - 60 | 67 | 15.686 | 12.000 | 21.000 | 9.000 | 1.912 | 12.194 | 0.233 |
| 60 - 63 | 157 | 16.185 | 6.100 | 23.200 | 17.099 | 2.203 | 13.615 | 0.175 |

COMPLETELY WEANED CHILDREN'S HEIGHT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 58.121 | 51.099 | 74.199 | 23.099 | 4.989 | 8.584 | 1.040 |
| 3 - 6 | 40 | 63.762 | 53.699 | 79.199 | 25.499 | 4.801 | 7.530 | 0.759 |
| 6 - 9 | 54 | 67.338 | 55.699 | 91.000 | 35.300 | 4.840 | 7.187 | 0.658 |
| 9 - 12 | 58 | 70.103 | 59.199 | 76.900 | 17.700 | 3.046 | 4.346 | 0.400 |
| 12 - 15 | 63 | 74.069 | 65.000 | 80.900 | 15.900 | 3.504 | 4.731 | 0.441 |
| 15 - 18 | 75 | 76.604 | 63.400 | 84.400 | 21.000 | 3.732 | 4.872 | 0.431 |
| 18 - 21 | 81 | 78.117 | 39.500 | 96.100 | 56.600 | 6.879 | 8.806 | 0.764 |
| 21 - 24 | 88 | 80.839 | 71.199 | 90.000 | 18.800 | 4.032 | 4.988 | 0.429 |
| 24 - 27 | 73 | 81.858 | 71.000 | 92.000 | 21.000 | 4.207 | 5.139 | 0.492 |
| 27 - 30 | 90 | 83.332 | 34.300 | 95.000 | 60.699 | 7.124 | 8.550 | 0.751 |
| 30 - 33 | 82 | 86.001 | 48.099 | 98.900 | 50.800 | 6.215 | 7.227 | 0.686 |
| 33 - 36 | 92 | 87.786 | 43.000 | 103.000 | 60.000 | 6.550 | 7.461 | 0.682 |
| 36 - 39 | 105 | 89.460 | 72.300 | 99.000 | 26.700 | 4.620 | 5.164 | 0.450 |
| 39 - 42 | 78 | 91.225 | 79.000 | 103.500 | 24.500 | 4.397 | 4.820 | 0.497 |
| 42 - 45 | 71 | 94.201 | 83.400 | 111.500 | 28.099 | 4.532 | 4.811 | 0.537 |
| 45 - 48 | 95 | 96.321 | 72.600 | 109.100 | 36.500 | 4.341 | 4.507 | 0.445 |
| 48 - 51 | 80 | 96.512 | 87.100 | 110.300 | 43.200 | 5.094 | 5.278 | 0.569 |
| 51 - 54 | 90 | 97.882 | 76.500 | 111.899 | 35.400 | 5.226 | 5.339 | 0.550 |
| 54 - 57 | 61 | 100.665 | 91.199 | 114.300 | 23.100 | 4.083 | 4.056 | 0.522 |
| 57 - 60 | 65 | 102.824 | 94.900 | 114.899 | 19.999 | 4.124 | 4.010 | 0.511 |
| 60 - 63 | 135 | 102.886 | 40.099 | 123.300 | 83.200 | 8.825 | 8.577 | 0.759 |

COMPLETELY WEANED CHILDREN'S HEIGHT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 26 | 54.511 | 39.400 | 60.099 | 20.700 | 3.932 | 7.214 | 0.771 |
| 3 - 6 | 52 | 61.796 | 55.199 | 77.300 | 22.100 | 3.685 | 5.963 | 0.511 |
| 6 - 9 | 43 | 66.253 | 56.000 | 73.199 | 17.199 | 3.994 | 6.029 | 0.609 |
| 9 - 12 | 50 | 69.406 | 63.099 | 76.400 | 13.300 | 2.540 | 3.659 | 0.359 |
| 12 - 15 | 66 | 72.459 | 63.000 | 94.400 | 31.400 | 5.044 | 6.961 | 0.620 |
| 15 - 18 | 88 | 74.537 | 65.500 | 84.100 | 18.600 | 4.046 | 5.428 | 0.431 |
| 18 - 21 | 64 | 76.664 | 35.300 | 86.400 | 51.100 | 6.169 | 8.047 | 0.771 |
| 21 - 24 | 78 | 79.660 | 65.800 | 101.000 | 35.200 | 4.513 | 5.666 | 0.511 |
| 24 - 27 | 113 | 81.644 | 54.300 | 90.300 | 36.000 | 4.481 | 5.529 | 0.421 |
| 27 - 30 | 68 | 83.386 | 68.800 | 94.100 | 25.300 | 4.409 | 5.288 | 0.534 |
| 30 - 33 | 87 | 85.842 | 70.800 | 101.900 | 31.100 | 4.365 | 5.085 | 0.468 |
| 33 - 36 | 80 | 86.521 | 54.900 | 99.199 | 44.299 | 5.863 | 6.777 | 0.655 |
| 36 - 39 | 93 | 89.348 | 80.600 | 109.100 | 28.500 | 4.435 | 4.964 | 0.459 |
| 39 - 42 | 69 | 91.749 | 72.699 | 109.000 | 36.300 | 5.488 | 5.981 | 0.660 |
| 42 - 45 | 73 | 93.672 | 60.800 | 109.600 | 48.800 | 6.455 | 6.891 | 0.755 |
| 45 - 48 | 92 | 94.698 | 82.900 | 104.399 | 21.499 | 4.599 | 4.847 | 0.479 |
| 48 - 51 | 85 | 95.429 | 82.800 | 107.100 | 24.300 | 4.176 | 4.377 | 0.453 |
| 51 - 54 | 55 | 97.603 | 78.300 | 112.199 | 33.900 | 5.572 | 5.709 | 0.751 |
| 54 - 57 | 40 | 99.102 | 91.400 | 112.600 | 21.200 | 4.379 | 4.418 | 0.692 |
| 57 - 60 | 67 | 100.395 | 80.900 | 112.500 | 31.599 | 6.802 | 6.775 | 0.831 |
| 60 - 63 | 157 | 102.982 | 84.699 | 120.300 | 35.600 | 6.810 | 6.613 | 0.543 |

COMPLETELY WEANED CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 38.895 | 34.500 | 45.500 | 11.000 | 2.557 | 6.575 | 0.533 |
| 3 - 6 | 40 | 41.734 | 37.800 | 51.500 | 13.699 | 2.692 | 6.452 | 0.425 |
| 6 - 9 | 55 | 43.287 | 40.000 | 49.000 | 9.000 | 1.843 | 4.258 | 0.248 |
| 9 - 12 | 58 | 44.636 | 39.000 | 49.000 | 10.000 | 2.057 | 4.608 | 0.270 |
| 12 - 15 | 64 | 45.484 | 40.500 | 49.800 | 9.300 | 1.768 | 3.888 | 0.221 |
| 15 - 18 | 75 | 45.831 | 42.200 | 49.300 | 7.099 | 1.554 | 3.391 | 0.179 |
| 18 - 21 | 82 | 46.359 | 41.200 | 50.500 | 9.299 | 1.542 | 3.328 | 0.170 |
| 21 - 24 | 90 | 46.932 | 42.000 | 50.200 | 8.200 | 1.567 | 3.340 | 0.165 |
| 24 - 27 | 73 | 46.793 | 41.000 | 50.500 | 9.500 | 1.461 | 3.122 | 0.171 |
| 27 - 30 | 91 | 47.227 | 42.800 | 50.500 | 7.699 | 1.416 | 2.999 | 0.148 |
| 30 - 33 | 82 | 47.596 | 41.800 | 50.300 | 8.500 | 1.338 | 2.812 | 0.147 |
| 33 - 36 | 92 | 47.805 | 42.200 | 52.000 | 9.799 | 1.739 | 3.639 | 0.181 |
| 36 - 39 | 106 | 48.263 | 45.300 | 51.800 | 6.500 | 1.231 | 2.550 | 0.119 |
| 39 - 42 | 78 | 48.105 | 41.000 | 52.000 | 11.000 | 1.791 | 3.723 | 0.202 |
| 42 - 45 | 71 | 48.907 | 45.500 | 51.500 | 6.000 | 1.241 | 2.537 | 0.147 |
| 45 - 48 | 95 | 48.856 | 44.500 | 51.400 | 6.900 | 1.295 | 2.652 | 0.132 |
| 48 - 51 | 80 | 48.688 | 46.000 | 51.599 | 5.599 | 1.270 | 2.608 | 0.142 |
| 51 - 54 | 90 | 49.087 | 45.599 | 52.000 | 6.400 | 1.243 | 2.532 | 0.131 |
| 54 - 57 | 62 | 49.051 | 46.500 | 52.000 | 5.500 | 1.404 | 2.863 | 0.178 |
| 57 - 60 | 65 | 49.336 | 45.599 | 52.000 | 6.400 | 1.337 | 2.711 | 0.165 |
| 60 - 63 | 134 | 49.499 | 45.200 | 52.699 | 7.499 | 1.469 | 3.009 | 0.128 |

COMPLETELY WEANED CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | F E M A L E S | | | | |
| 0 - 3 | 26 | 37.730 | 34.000 | 44.500 | 10.500 | 2.570 | 6.812 | 0.504 |
| 3 - 6 | 52 | 41.040 | 37.000 | 49.099 | 12.100 | 2.453 | 5.979 | 0.340 |
| 6 - 9 | 44 | 42.145 | 37.700 | 46.099 | 8.399 | 1.852 | 4.395 | 0.279 |
| 9 - 12 | 50 | 43.241 | 40.200 | 47.500 | 7.299 | 1.620 | 3.747 | 0.229 |
| 12 - 15 | 67 | 44.180 | 39.500 | 48.800 | 9.300 | 1.775 | 4.018 | 0.216 |
| 15 - 18 | 88 | 44.749 | 40.500 | 52.000 | 11.500 | 1.791 | 4.004 | 0.191 |
| 18 - 21 | 64 | 45.034 | 41.500 | 49.500 | 8.000 | 1.493 | 3.316 | 0.186 |
| 21 - 24 | 80 | 45.513 | 41.500 | 48.800 | 7.300 | 1.492 | 3.279 | 0.166 |
| 24 - 27 | 113 | 46.153 | 41.000 | 49.599 | 8.600 | 1.577 | 3.418 | 0.148 |
| 27 - 30 | 68 | 46.499 | 42.400 | 52.000 | 9.600 | 1.745 | 3.753 | 0.211 |
| 30 - 33 | 87 | 46.614 | 43.000 | 50.000 | 7.000 | 1.322 | 2.837 | 0.141 |
| 33 - 36 | 80 | 46.931 | 43.500 | 52.000 | 8.500 | 1.589 | 3.387 | 0.177 |
| 36 - 39 | 93 | 47.203 | 42.099 | 51.000 | 8.900 | 1.405 | 2.976 | 0.145 |
| 39 - 42 | 70 | 47.331 | 43.800 | 49.900 | 6.099 | 1.251 | 2.644 | 0.149 |
| 42 - 45 | 73 | 47.521 | 44.400 | 51.000 | 6.599 | 1.437 | 3.024 | 0.168 |
| 45 - 48 | 91 | 47.591 | 40.400 | 51.200 | 10.800 | 1.509 | 3.172 | 0.158 |
| 48 - 51 | 84 | 47.608 | 41.500 | 51.699 | 10.199 | 1.997 | 4.195 | 0.217 |
| 51 - 54 | 55 | 47.679 | 44.500 | 51.500 | 7.000 | 1.532 | 3.214 | 0.206 |
| 54 - 57 | 40 | 48.432 | 45.000 | 52.000 | 7.000 | 1.504 | 3.107 | 0.237 |
| 57 - 60 | 67 | 48.477 | 46.000 | 51.000 | 5.000 | 1.245 | 2.569 | 0.152 |
| 60 - 63 | 157 | 48.510 | 41.599 | 52.000 | 10.400 | 1.330 | 2.743 | 0.106 |

COMPLETELY [illegible] CHILDR

| AGE (MONTHS) | NUMBER | MEAN |
|---|---|---|
| 0 - 3 | 23 | 12.021 |
| 3 - 6 | 40 | 12.472 |
| 6 - 9 | 55 | 13.767 |
| 9 - 12 | 58 | 13.874 |
| 12 - 15 | 64 | 14.181 |
| 15 - 18 | 74 | 13.866 |
| 18 - 21 | 82 | 14.326 |
| 21 - 24 | 90 | 14.327 |
| 24 - 27 | 73 | 14.521 |
| 27 - 30 | 91 | 14.696 |
| 30 - 33 | 82 | 14.779 |
| 33 - 36 | 92 | 14.979 |
| 36 - 39 | 106 | 15.058 |
| 39 - 42 | 76 | 15.156 |
| 42 - 45 | 71 | 15.425 |
| 45 - 48 | 95 | 15.410 |
| 48 - 51 | 80 | 15.156 |
| 51 - 54 | 90 | 15.543 |
| 54 - 57 | 61 | 15.419 |
| 57 - 60 | 65 | 15.564 |
| 60 - 63 | 133 | 15.531 |

...'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|
| | | M A L E 'S | | | |
| 9.000 | 15.000 | 6.000 | 1.496 | 12.452 | 0.312 |
| 9.399 | 15.200 | 5.800 | 1.578 | 12.656 | 0.249 |
| 11.000 | 16.700 | 5.699 | 1.424 | 10.344 | 0.192 |
| 10.500 | 17.000 | 6.499 | 1.304 | 9.837 | 0.179 |
| 11.399 | 18.500 | 7.099 | 1.392 | 9.819 | 0.174 |
| 10.500 | 17.000 | 6.499 | 1.275 | 9.197 | 0.148 |
| 11.500 | 16.600 | 5.100 | 1.152 | 8.043 | 0.127 |
| 11.200 | 17.500 | 6.299 | 1.038 | 7.250 | 0.109 |
| 12.000 | 16.600 | 4.600 | 0.950 | 6.544 | 0.111 |
| 12.000 | 17.500 | 5.499 | 1.162 | 7.911 | 0.121 |
| 11.600 | 17.200 | 5.599 | 1.083 | 7.331 | 0.119 |
| 12.399 | 18.000 | 5.599 | 1.067 | 7.126 | 0.111 |
| 12.500 | 18.000 | 5.499 | 1.074 | 7.135 | 0.104 |
| 13.200 | 19.000 | 5.799 | 1.126 | 7.432 | 0.129 |
| 13.000 | 19.000 | 5.999 | 1.229 | 7.971 | 0.145 |
| 12.300 | 18.100 | 5.800 | 1.003 | 6.512 | 0.102 |
| 13.200 | 18.000 | 4.799 | 1.050 | 6.931 | 0.117 |
| 10.000 | 18.500 | 8.500 | 1.193 | 7.676 | 0.125 |
| 13.000 | 20.000 | 6.999 | 1.306 | 8.470 | 0.167 |
| 13.700 | 18.000 | 4.299 | 1.011 | 6.501 | 0.125 |
| 13.000 | 19.000 | 5.999 | 1.108 | 7.134 | 0.096 |

COMPLETELY WEANED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 26 | 11.115 | 8.500 | 14.000 | 5.500 | 1.235 | 11.114 | 0.242 |
| 3 - 6 | 52 | 12.903 | 10.500 | 17.000 | 6.499 | 1.434 | 11.120 | 0.198 |
| 6 - 9 | 44 | 13.190 | 10.500 | 15.500 | 5.000 | 1.294 | 9.813 | 0.195 |
| 9 - 12 | 49 | 13.583 | 11.500 | 16.500 | 4.999 | 1.234 | 9.086 | 0.176 |
| 12 - 15 | 67 | 13.435 | 8.800 | 16.000 | 7.199 | 1.228 | 9.145 | 0.150 |
| 15 - 18 | 88 | 13.435 | 9.000 | 16.000 | 7.000 | 1.159 | 8.626 | 0.123 |
| 18 - 21 | 64 | 13.903 | 11.200 | 16.299 | 5.099 | 1.169 | 8.410 | 0.146 |
| 21 - 24 | 80 | 14.091 | 12.000 | 17.000 | 4.999 | 1.209 | 8.583 | 0.135 |
| 24 - 27 | 113 | 14.380 | 11.000 | 18.400 | 7.400 | 1.255 | 8.731 | 0.118 |
| 27 - 30 | 67 | 14.540 | 10.000 | 18.000 | 7.999 | 1.432 | 9.848 | 0.174 |
| 30 - 33 | 88 | 15.002 | 12.700 | 19.000 | 6.299 | 1.010 | 6.737 | 0.107 |
| 33 - 36 | 80 | 14.888 | 9.000 | 19.000 | 10.000 | 1.403 | 9.428 | 0.156 |
| 36 - 39 | 92 | 15.156 | 13.000 | 19.500 | 6.499 | 1.228 | 8.108 | 0.128 |
| 39 - 42 | 69 | 15.162 | 12.399 | 17.500 | 5.099 | 1.150 | 7.587 | 0.138 |
| 42 - 45 | 72 | 15.373 | 13.000 | 18.000 | 4.999 | 1.186 | 7.720 | 0.139 |
| 45 - 48 | 92 | 15.294 | 12.500 | 18.500 | 5.999 | 1.135 | 7.426 | 0.118 |
| 48 - 51 | 84 | 15.472 | 12.500 | 18.500 | 5.999 | 1.187 | 7.674 | 0.129 |
| 51 - 54 | 55 | 15.287 | 11.000 | 20.000 | 9.000 | 1.310 | 8.573 | 0.176 |
| 54 - 57 | 40 | 15.159 | 12.700 | 18.000 | 5.299 | 1.088 | 7.177 | 0.172 |
| 57 - 60 | 67 | 15.599 | 13.000 | 19.200 | 6.199 | 1.158 | 7.425 | 0.141 |
| 60 - 63 | 157 | 15.555 | 10.500 | 19.000 | 8.500 | 1.267 | 8.147 | 0.101 |

COMPLETELY WEANED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 26 | 11.115 | 8.500 | 14.000 | 5.500 | 1.235 | 11.114 | 0.242 |
| 3 - 6 | 52 | 12.903 | 10.500 | 17.000 | 6.499 | 1.434 | 11.120 | 0.198 |
| 6 - 9 | 44 | 13.190 | 10.500 | 15.500 | 5.000 | 1.294 | 9.813 | 0.195 |
| 9 - 12 | 49 | 13.583 | 11.500 | 16.500 | 4.999 | 1.234 | 9.086 | 0.176 |
| 12 - 15 | 67 | 13.435 | 8.800 | 16.000 | 7.199 | 1.228 | 9.145 | 0.150 |
| 15 - 18 | 88 | 13.435 | 9.000 | 16.000 | 7.000 | 1.159 | 8.626 | 0.123 |
| 18 - 21 | 64 | 13.903 | 11.200 | 16.299 | 5.099 | 1.169 | 8.410 | 0.146 |
| 21 - 24 | 80 | 14.091 | 12.000 | 17.000 | 4.999 | 1.209 | 8.583 | 0.135 |
| 24 - 27 | 113 | 14.380 | 11.000 | 18.400 | 7.400 | 1.255 | 8.731 | 0.118 |
| 27 - 30 | 67 | 14.540 | 10.000 | 18.000 | 7.999 | 1.432 | 9.848 | 0.174 |
| 30 - 33 | 88 | 15.002 | 12.700 | 19.000 | 6.299 | 1.010 | 6.737 | 0.107 |
| 33 - 36 | 80 | 14.888 | 9.000 | 19.000 | 10.000 | 1.403 | 9.428 | 0.156 |
| 36 - 39 | 92 | 15.156 | 13.000 | 19.500 | 6.499 | 1.228 | 8.108 | 0.128 |
| 39 - 42 | 69 | 15.162 | 12.399 | 17.500 | 5.099 | 1.150 | 7.587 | 0.138 |
| 42 - 45 | 72 | 15.373 | 13.000 | 18.000 | 4.999 | 1.186 | 7.720 | 0.139 |
| 45 - 48 | 92 | 15.294 | 12.500 | 18.500 | 5.999 | 1.135 | 7.426 | 0.118 |
| 48 - 51 | 84 | 15.472 | 12.500 | 18.500 | 5.999 | 1.187 | 7.674 | 0.129 |
| 51 - 54 | 55 | 15.287 | 11.000 | 20.000 | 9.000 | 1.310 | 8.573 | 0.176 |
| 54 - 57 | 40 | 15.159 | 12.700 | 18.000 | 5.299 | 1.088 | 7.177 | 0.172 |
| 57 - 60 | 67 | 15.599 | 13.000 | 19.200 | 6.199 | 1.158 | 7.425 | 0.141 |
| 60 - 63 | 157 | 15.555 | 10.500 | 19.000 | 8.500 | 1.267 | 8.147 | 0.101 |

COMPLETELY WEANED CHILDREN'S MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 6.543 | 2.800 | 11.500 | 8.699 | 2.171 | 33.182 | 0.452 |
| 3 - 6 | 40 | 6.894 | 3.000 | 11.000 | 7.999 | 2.004 | 29.067 | 0.316 |
| 6 - 9 | 55 | 7.712 | 3.599 | 13.200 | 9.600 | 2.083 | 27.013 | 0.280 |
| 9 - 12 | 58 | 7.281 | 4.400 | 13.500 | 9.100 | 1.905 | 26.175 | 0.250 |
| 12 - 15 | 61 | 6.850 | 4.199 | 11.200 | 7.000 | 1.540 | 22.489 | 0.197 |
| 15 - 18 | 75 | 6.579 | 3.400 | 12.800 | 9.400 | 1.763 | 26.796 | 0.203 |
| 18 - 21 | 82 | 7.045 | 3.200 | 11.200 | 8.000 | 1.672 | 23.741 | 0.184 |
| 21 - 24 | 89 | 6.862 | 4.199 | 10.000 | 5.800 | 1.394 | 20.313 | 0.147 |
| 24 - 27 | 73 | 6.632 | 2.800 | 12.200 | 9.399 | 1.627 | 24.536 | 0.190 |
| 27 - 30 | 91 | 7.099 | 4.199 | 12.800 | 8.600 | 1.751 | 24.673 | 0.183 |
| 30 - 33 | 81 | 7.320 | 3.400 | 13.000 | 9.600 | 1.937 | 26.459 | 0.215 |
| 33 - 36 | 91 | 7.169 | 4.400 | 12.500 | 8.100 | 1.751 | 24.431 | 0.183 |
| 36 - 39 | 105 | 7.193 | 4.199 | 13.500 | 9.300 | 1.699 | 23.631 | 0.165 |
| 39 - 42 | 77 | 7.161 | 4.400 | 12.600 | 8.200 | 1.699 | 23.737 | 0.193 |
| 42 - 45 | 71 | 6.922 | 3.599 | 12.800 | 9.200 | 1.656 | 24.286 | 0.196 |
| 45 - 48 | 94 | 6.737 | 4.199 | 12.899 | 8.700 | 1.548 | 22.981 | 0.159 |
| 48 - 51 | 80 | 6.612 | 4.000 | 11.800 | 7.800 | 1.590 | 24.047 | 0.177 |
| 51 - 54 | 90 | 6.919 | 3.599 | 16.000 | 12.399 | 1.842 | 26.627 | 0.194 |
| 54 - 57 | 61 | 6.222 | 3.000 | 13.399 | 10.399 | 1.750 | 28.129 | 0.224 |
| 57 - 60 | 65 | 6.301 | 4.199 | 10.000 | 5.800 | 1.347 | 21.385 | 0.167 |
| 60 - 63 | 134 | 6.058 | 2.800 | 14.500 | 11.699 | 1.629 | 26.890 | 0.140 |

COMPLETELY WEANED CHILDREN'S MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 26 | 5.076 | 2.599 | 10.000 | 7.399 | 1.552 | 30.576 | 0.304 |
| 3 - 6 | 52 | 7.715 | 4.000 | 13.500 | 9.500 | 2.332 | 30.234 | 0.323 |
| 6 - 9 | 43 | 6.539 | 2.400 | 12.399 | 10.000 | 1.624 | 24.835 | 0.247 |
| 9 - 12 | 50 | 6.613 | 4.000 | 12.200 | 8.200 | 1.837 | 27.785 | 0.259 |
| 12 - 15 | 65 | 6.647 | 3.599 | 12.200 | 8.600 | 1.616 | 24.317 | 0.200 |
| 15 - 18 | 88 | 6.647 | 3.000 | 12.000 | 9.000 | 1.645 | 24.753 | 0.175 |
| 18 - 21 | 64 | 6.792 | 4.199 | 12.500 | 8.300 | 1.603 | 23.609 | 0.200 |
| 21 - 24 | 80 | 6.874 | 3.599 | 11.700 | 8.100 | 1.747 | 25.419 | 0.195 |
| 24 - 27 | 114 | 7.174 | 4.000 | 13.200 | 9.200 | 1.822 | 25.401 | 0.170 |
| 27 - 30 | 68 | 7.247 | 3.400 | 11.500 | 8.100 | 1.755 | 24.224 | 0.212 |
| 30 - 33 | 84 | 7.598 | 4.800 | 13.500 | 8.700 | 1.876 | 24.691 | 0.200 |
| 33 - 36 | 80 | 7.713 | 2.400 | 12.500 | 10.100 | 1.975 | 25.615 | 0.220 |
| 36 - 39 | 93 | 7.370 | 2.599 | 12.800 | 10.200 | 1.795 | 24.365 | 0.186 |
| 39 - 42 | 70 | 7.137 | 4.400 | 11.000 | 6.599 | 1.491 | 20.894 | 0.178 |
| 42 - 45 | 73 | 7.304 | 3.800 | 13.000 | 9.199 | 1.903 | 26.066 | 0.222 |
| 45 - 48 | 91 | 7.246 | 3.800 | 14.500 | 10.699 | 1.894 | 26.146 | 0.198 |
| 48 - 51 | 84 | 7.127 | 3.800 | 12.200 | 8.399 | 1.722 | 24.169 | 0.187 |
| 51 - 54 | 55 | 6.574 | 3.400 | 12.399 | 9.000 | 1.671 | 25.430 | 0.225 |
| 54 - 57 | 40 | 6.357 | 4.000 | 10.399 | 6.399 | 1.414 | 22.253 | 0.223 |
| 57 - 60 | 66 | 6.883 | 4.199 | 12.600 | 8.400 | 1.689 | 24.537 | 0.207 |
| 60 - 63 | 156 | 6.646 | 3.800 | 13.000 | 9.199 | 1.567 | 23.575 | 0.125 |

COMPLETELY WEANED CHILDREN'S MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 4.769 | 2.800 | 7.000 | 4.199 | 1.119 | 23.478 | 0.233 |
| 3 - 6 | 40 | 4.399 | 2.200 | 7.399 | 5.199 | 1.224 | 27.830 | 0.193 |
| 6 - 9 | 55 | 4.696 | 2.800 | 10.000 | 7.199 | 1.524 | 32.466 | 0.205 |
| 9 - 12 | 58 | 4.089 | 2.599 | 6.400 | 3.800 | 0.786 | 19.235 | 0.103 |
| 12 - 15 | 61 | 4.273 | 2.599 | 6.800 | 4.200 | 0.894 | 20.941 | 0.114 |
| 15 - 18 | 75 | 4.342 | 2.400 | 9.600 | 7.199 | 1.219 | 28.070 | 0.140 |
| 18 - 21 | 82 | 4.332 | 2.000 | 7.199 | 5.199 | 1.109 | 25.610 | 0.122 |
| 21 - 24 | 89 | 4.285 | 2.800 | 7.500 | 4.699 | 1.019 | 23.783 | 0.108 |
| 24 - 27 | 73 | 4.183 | 2.599 | 7.000 | 4.400 | 0.879 | 21.031 | 0.102 |
| 27 - 30 | 91 | 4.220 | 2.400 | 7.399 | 5.000 | 1.102 | 26.112 | 0.115 |
| 30 - 33 | 81 | 4.256 | 2.400 | 6.800 | 4.400 | 1.053 | 24.739 | 0.117 |
| 33 - 36 | 91 | 4.381 | 2.800 | 7.199 | 4.399 | 0.912 | 20.827 | 0.095 |
| 36 - 39 | 105 | 4.336 | 2.200 | 9.200 | 7.000 | 1.311 | 30.247 | 0.127 |
| 39 - 42 | 77 | 4.254 | 2.800 | 8.600 | 5.799 | 1.105 | 25.979 | 0.125 |
| 42 - 45 | 71 | 4.050 | 2.400 | 7.399 | 5.000 | 0.847 | 20.926 | 0.100 |
| 45 - 48 | 94 | 3.986 | 2.200 | 8.000 | 5.800 | 1.096 | 27.519 | 0.113 |
| 48 - 51 | 80 | 3.891 | 2.400 | 8.200 | 5.800 | 1.028 | 26.436 | 0.115 |
| 51 - 54 | 90 | 3.922 | 2.400 | 8.000 | 5.600 | 0.957 | 24.418 | 0.100 |
| 54 - 57 | 61 | 3.859 | 2.000 | 7.000 | 5.000 | 0.986 | 25.558 | 0.126 |
| 57 - 60 | 65 | 3.523 | 2.200 | 5.800 | 3.599 | 0.800 | 22.728 | 0.099 |
| 60 - 63 | 134 | 3.646 | 2.000 | 6.800 | 4.800 | 0.866 | 23.772 | 0.074 |

COMPLETELY WEANED CHILDREN'S MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 26 | 3.692 | 2.000 | 6.000 | 3.999 | 0.891 | 24.138 | 0.174 |
| 3 - 6 | 52 | 4.536 | 2.800 | 7.399 | 4.599 | 1.107 | 24.402 | 0.153 |
| 6 - 9 | 44 | 4.224 | 2.000 | 8.800 | 6.800 | 1.219 | 28.867 | 0.183 |
| 9 - 12 | 50 | 4.289 | 2.800 | 8.500 | 5.699 | 1.241 | 28.947 | 0.175 |
| 12 - 15 | 65 | 4.061 | 2.000 | 7.800 | 5.800 | 0.966 | 23.802 | 0.119 |
| 15 - 18 | 88 | 4.022 | 2.200 | 6.199 | 3.999 | 0.877 | 21.814 | 0.093 |
| 18 - 21 | 64 | 4.218 | 2.400 | 6.800 | 4.400 | 0.997 | 23.635 | 0.124 |
| 21 - 24 | 80 | 4.212 | 2.400 | 9.800 | 7.400 | 1.164 | 28.129 | 0.132 |
| 24 - 27 | 114 | 4.458 | 2.200 | 9.800 | 7.600 | 1.225 | 27.484 | 0.114 |
| 27 - 30 | 68 | 4.442 | 2.400 | 7.199 | 4.800 | 1.103 | 24.847 | 0.133 |
| 30 - 33 | 88 | 4.479 | 2.200 | 7.500 | 5.300 | 1.079 | 24.101 | 0.115 |
| 33 - 36 | 80 | 4.649 | 2.000 | 8.000 | 6.000 | 1.465 | 31.515 | 0.163 |
| 36 - 39 | 93 | 4.379 | 2.400 | 7.600 | 5.400 | 1.036 | 23.661 | 0.107 |
| 39 - 42 | 70 | 4.125 | 2.400 | 7.000 | 4.600 | 0.951 | 23.063 | 0.113 |
| 42 - 45 | 73 | 4.249 | 2.200 | 7.399 | 5.199 | 1.136 | 26.754 | 0.133 |
| 45 - 48 | 91 | 4.339 | 2.400 | 8.399 | 5.999 | 1.188 | 27.386 | 0.124 |
| 48 - 51 | 84 | 4.257 | 2.400 | 8.800 | 6.400 | 1.175 | 27.614 | 0.128 |
| 51 - 54 | 55 | 4.065 | 2.000 | 8.200 | 6.199 | 1.163 | 28.627 | 0.156 |
| 54 - 57 | 40 | 3.877 | 2.400 | 5.800 | 3.400 | 0.803 | 20.718 | 0.127 |
| 57 - 60 | 66 | 3.974 | 2.800 | 6.199 | 3.399 | 0.863 | 21.732 | 0.106 |
| 60 - 63 | 156 | 3.929 | 2.400 | 7.600 | 5.200 | 0.943 | 24.023 | 0.075 |

COMPLETELY WEANED CHILDREN'S MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 26 | 4.657 | 2.800 | 7.399 | 4.599 | 1.130 | 24.276 | 0.221 |
| 3 - 6 | 52 | 5.796 | 3.000 | 9.600 | 6.599 | 1.527 | 26.354 | 0.211 |
| 6 - 9 | 44 | 5.347 | 2.000 | 8.600 | 6.599 | 1.221 | 22.832 | 0.184 |
| 9 - 12 | 50 | 5.367 | 3.200 | 8.600 | 5.399 | 1.258 | 23.447 | 0.178 |
| 12 - 15 | 65 | 5.010 | 2.800 | 7.399 | 4.599 | 1.160 | 23.169 | 0.144 |
| 15 - 18 | 88 | 4.906 | 2.200 | 7.399 | 5.199 | 1.010 | 20.591 | 0.107 |
| 18 - 21 | 64 | 5.269 | 3.400 | 9.000 | 5.599 | 1.193 | 22.656 | 0.149 |
| 21 - 24 | 80 | 5.126 | 3.400 | 10.000 | 6.599 | 1.360 | 26.531 | 0.152 |
| 24 - 27 | 114 | 5.404 | 3.200 | 9.200 | 6.000 | 1.281 | 23.703 | 0.119 |
| 27 - 30 | 69 | 5.532 | 3.000 | 13.000 | 10.000 | 1.732 | 31.319 | 0.210 |
| 30 - 33 | 88 | 5.597 | 3.200 | 9.500 | 6.299 | 1.414 | 25.265 | 0.150 |
| 33 - 36 | 80 | 5.577 | 2.000 | 9.500 | 7.499 | 1.503 | 26.958 | 0.168 |
| 36 - 39 | 93 | 5.379 | 3.000 | 9.500 | 6.499 | 1.277 | 23.740 | 0.132 |
| 39 - 42 | 70 | 5.144 | 3.200 | 9.399 | 6.199 | 1.226 | 23.837 | 0.146 |
| 42 - 45 | 73 | 5.379 | 3.200 | 9.399 | 6.199 | 1.383 | 25.726 | 0.161 |
| 45 - 48 | 91 | 4.990 | 3.200 | 9.800 | 6.600 | 1.306 | 26.178 | 0.136 |
| 48 - 51 | 84 | 5.042 | 2.600 | 10.500 | 7.699 | 1.410 | 27.971 | 0.153 |
| 51 - 54 | 55 | 4.892 | 2.800 | 11.500 | 8.699 | 1.422 | 29.319 | 0.191 |
| 54 - 57 | 40 | 4.644 | 3.000 | 9.800 | 6.800 | 1.307 | 28.149 | 0.206 |
| 57 - 60 | 66 | 4.727 | 3.000 | 8.000 | 5.000 | 1.106 | 23.396 | 0.136 |
| 60 - 63 | 156 | 4.808 | 2.599 | 13.799 | 11.199 | 1.416 | 29.456 | 0.113 |

COMPLETELY WEANED CHILDREN'S MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 5.426 | 2.400 | 8.800 | 6.400 | 1.664 | 30.683 | 0.347 |
| 3 - 6 | 40 | 5.379 | 2.400 | 8.800 | 6.400 | 1.584 | 29.453 | 0.250 |
| 6 - 9 | 55 | 6.049 | 3.200 | 9.200 | 6.000 | 1.613 | 26.667 | 0.217 |
| 9 - 12 | 58 | 5.279 | 3.000 | 9.000 | 5.999 | 1.271 | 24.082 | 0.166 |
| 12 - 15 | 61 | 5.188 | 3.400 | 9.200 | 5.800 | 1.264 | 24.371 | 0.161 |
| 15 - 18 | 75 | 4.850 | 3.200 | 8.200 | 5.000 | 1.193 | 24.595 | 0.137 |
| 18 - 21 | 82 | 5.158 | 3.000 | 8.200 | 5.199 | 1.151 | 22.322 | 0.127 |
| 21 - 24 | 89 | 5.179 | 3.599 | 9.000 | 5.399 | 1.051 | 20.298 | 0.111 |
| 24 - 27 | 73 | 4.741 | 3.200 | 7.800 | 4.600 | 0.938 | 19.798 | 0.109 |
| 27 - 30 | 91 | 5.067 | 2.800 | 12.000 | 9.199 | 1.295 | 25.560 | 0.135 |
| 30 - 33 | 81 | 4.974 | 2.400 | 10.399 | 7.999 | 1.435 | 28.861 | 0.159 |
| 33 - 36 | 91 | 5.072 | 3.200 | 8.000 | 4.800 | 1.049 | 20.689 | 0.110 |
| 36 - 39 | 105 | 4.972 | 3.000 | 10.200 | 7.199 | 1.460 | 29.377 | 0.142 |
| 39 - 42 | 77 | 4.919 | 3.000 | 9.000 | 5.999 | 1.310 | 26.632 | 0.149 |
| 42 - 45 | 71 | 4.807 | 2.400 | 9.399 | 6.999 | 1.248 | 25.981 | 0.148 |
| 45 - 48 | 94 | 4.490 | 2.400 | 7.800 | 5.400 | 1.118 | 24.897 | 0.115 |
| 48 - 51 | 80 | 4.404 | 2.800 | 9.800 | 7.000 | 1.088 | 24.699 | 0.121 |
| 51 - 54 | 90 | 4.558 | 2.599 | 10.500 | 7.899 | 1.222 | 26.820 | 0.128 |
| 54 - 57 | 61 | 4.293 | 2.599 | 8.399 | 5.799 | 1.069 | 25.364 | 0.139 |
| 57 - 60 | 65 | 4.106 | 2.800 | 6.400 | 3.600 | 0.744 | 18.132 | 0.092 |
| 60 - 63 | 134 | 4.259 | 2.400 | 7.300 | 4.900 | 0.895 | 21.025 | 0.077 |

COMPLETELY WEANED CHILDREN MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 23 | 6.608 | 2.400 | 14.000 | 11.600 | 2.280 | 34.514 | 0.475 |
| 3 - 6 | 40 | 7.014 | 2.000 | 12.000 | 10.000 | 2.743 | 39.109 | 0.433 |
| 6 - 9 | 55 | 7.478 | 3.200 | 14.600 | 11.399 | 2.507 | 33.528 | 0.338 |
| 9 - 12 | 58 | 6.753 | 3.200 | 13.399 | 10.199 | 2.370 | 35.098 | 0.311 |
| 12 - 15 | 61 | 5.991 | 3.200 | 10.800 | 7.600 | 1.737 | 29.002 | 0.222 |
| 15 - 18 | 75 | 5.502 | 2.800 | 11.500 | 8.699 | 1.900 | 34.545 | 0.219 |
| 18 - 21 | 82 | 5.919 | 2.400 | 16.000 | 13.600 | 2.276 | 38.455 | 0.251 |
| 21 - 24 | 89 | 5.558 | 3.000 | 11.500 | 8.500 | 1.754 | 31.559 | 0.185 |
| 24 - 27 | 73 | 5.780 | 2.800 | 14.399 | 11.599 | 2.137 | 36.982 | 0.250 |
| 27 - 30 | 91 | 5.452 | 2.800 | 11.800 | 9.000 | 1.783 | 32.700 | 0.186 |
| 30 - 33 | 81 | 5.430 | 2.400 | 15.500 | 13.100 | 2.113 | 38.912 | 0.234 |
| 33 - 36 | 91 | 5.534 | 2.400 | 11.800 | 9.400 | 1.756 | 31.748 | 0.184 |
| 36 - 39 | 105 | 5.589 | 2.000 | 12.399 | 10.399 | 2.194 | 39.256 | 0.214 |
| 39 - 42 | 77 | 5.602 | 3.200 | 10.500 | 7.299 | 1.856 | 33.127 | 0.211 |
| 42 - 45 | 71 | 5.174 | 2.800 | 11.000 | 8.199 | 1.630 | 31.505 | 0.193 |
| 45 - 48 | 94 | 5.129 | 2.200 | 10.500 | 8.299 | 1.999 | 38.971 | 0.206 |
| 48 - 51 | 80 | 4.663 | 2.599 | 9.200 | 6.600 | 1.370 | 29.388 | 0.153 |
| 51 - 54 | 90 | 4.732 | 2.400 | 11.500 | 9.100 | 1.455 | 30.756 | 0.153 |
| 54 - 57 | 61 | 4.506 | 2.200 | 9.000 | 6.799 | 1.362 | 30.224 | 0.174 |
| 57 - 60 | 65 | 4.564 | 2.200 | 9.800 | 7.600 | 1.182 | 25.899 | 0.146 |
| 60 - 63 | 134 | 4.383 | 2.400 | 10.000 | 7.599 | 1.224 | 27.934 | 0.105 |

COMPLETELY WEANED CHILDREN MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 26 | 5.819 | 2.400 | 14.799 | 12.399 | 2.503 | 43.020 | 0.490 |
| 3 - 6 | 52 | 8.253 | 3.200 | 17.000 | 13.799 | 2.900 | 35.143 | 0.402 |
| 6 - 9 | 44 | 6.559 | 2.000 | 12.000 | 10.000 | 2.171 | 33.102 | 0.327 |
| 9 - 12 | 50 | 6.695 | 3.200 | 14.500 | 11.299 | 2.514 | 37.552 | 0.355 |
| 12 - 15 | 65 | 6.103 | 3.000 | 13.399 | 10.399 | 2.148 | 35.207 | 0.266 |
| 15 - 18 | 88 | 5.757 | 2.400 | 13.000 | 10.600 | 2.097 | 36.425 | 0.223 |
| 18 - 21 | 64 | 5.768 | 2.400 | 10.000 | 7.599 | 1.772 | 30.729 | 0.221 |
| 21 - 24 | 80 | 5.703 | 2.400 | 10.399 | 7.999 | 1.817 | 31.872 | 0.203 |
| 24 - 27 | 114 | 6.255 | 3.200 | 13.799 | 10.599 | 2.089 | 33.402 | 0.195 |
| 27 - 30 | 68 | 6.597 | 3.200 | 13.500 | 10.299 | 2.372 | 35.970 | 0.287 |
| 30 - 33 | 88 | 6.274 | 2.500 | 12.800 | 10.300 | 2.293 | 36.549 | 0.244 |
| 33 - 36 | 80 | 6.546 | 2.400 | 13.000 | 10.600 | 2.272 | 34.715 | 0.254 |
| 36 - 39 | 93 | 6.433 | 3.200 | 13.200 | 10.000 | 2.067 | 32.142 | 0.214 |
| 39 - 42 | 70 | 5.881 | 3.200 | 13.500 | 10.299 | 2.162 | 36.764 | 0.258 |
| 42 - 45 | 73 | 5.964 | 2.400 | 12.500 | 10.100 | 1.873 | 31.409 | 0.219 |
| 45 - 48 | 91 | 5.859 | 2.599 | 11.800 | 9.200 | 1.909 | 32.588 | 0.200 |
| 48 - 51 | 84 | 6.204 | 2.400 | 12.300 | 9.900 | 2.343 | 37.764 | 0.255 |
| 51 - 54 | 55 | 5.703 | 2.599 | 11.500 | 8.899 | 2.076 | 36.389 | 0.279 |
| 54 - 57 | 40 | 5.522 | 3.000 | 12.500 | 9.500 | 2.235 | 40.487 | 0.353 |
| 57 - 60 | 66 | 5.628 | 3.000 | 12.000 | 9.000 | 1.912 | 33.977 | 0.235 |
| 60 - 63 | 156 | 5.425 | 2.700 | 13.799 | 11.099 | 1.892 | 34.889 | 0.151 |

PARTIALY BREAST FED CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | M A L E S | | | | |
| 0 - 3 | 26 | 5.104 | 3.599 | 7.460 | 3.860 | 0.905 | 17.732 | 0.177 |
| 3 - 6 | 26 | 6.473 | 4.119 | 9.450 | 5.330 | 1.356 | 20.948 | 0.265 |
| 6 - 9 | 29 | 8.186 | 6.420 | 10.899 | 4.479 | 1.174 | 14.351 | 0.218 |
| 9 - 12 | 29 | 8.758 | 5.850 | 11.100 | 5.250 | 1.185 | 13.537 | 0.220 |
| 12 - 15 | 20 | 9.448 | 7.600 | 11.950 | 4.350 | 1.174 | 12.434 | 0.262 |
| 15 - 18 | 12 | 9.795 | 8.569 | 11.250 | 2.680 | 0.853 | 8.714 | 0.246 |
| 18 - 21 | 11 | 10.867 | 8.729 | 12.500 | 3.770 | 1.090 | 10.030 | 0.328 |
| 21 - 24 | 3 | 10.816 | 10.200 | 12.000 | 1.799 | 1.025 | 9.477 | 0.591 |
| 24 - 27 | 2 | 11.549 | 11.500 | 11.600 | 0.100 | 0.070 | 0.612 | 0.049 |
| 27 - 30 | 2 | 13.449 | 12.549 | 14.350 | 1.800 | 1.272 | 9.463 | 0.899 |
| 30 - 33 | 1 | 8.200 | 8.200 | 8.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 13.799 | 13.799 | 13.799 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 11.229 | 11.229 | 11.229 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 14.049 | 12.700 | 15.399 | 2.699 | 1.909 | 13.588 | 1.349 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S WEIGHT (KG) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 23 | 4.388 | 2.639 | 5.699 | 3.059 | 0.877 | 19.984 | 0.182 |
| 3 - 6 | 26 | 5.827 | 4.550 | 7.949 | 3.400 | 0.924 | 15.859 | 0.181 |
| 6 - 9 | 21 | 7.260 | 5.779 | 9.899 | 4.119 | 0.937 | 12.910 | 0.204 |
| 9 - 12 | 23 | 8.027 | 4.949 | 9.899 | 4.949 | 1.207 | 15.039 | 0.251 |
| 12 - 15 | 13 | 8.289 | 7.100 | 10.100 | 2.999 | 1.034 | 12.474 | 0.286 |
| 15 - 18 | 9 | 8.662 | 5.550 | 9.750 | 4.199 | 1.247 | 14.403 | 0.415 |
| 18 - 21 | 3 | 9.520 | 9.460 | 9.600 | 0.139 | 0.072 | 0.757 | 0.041 |
| 21 - 24 | 1 | 8.700 | 8.700 | 8.700 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 11.449 | 11.350 | 11.549 | 0.199 | 0.141 | 1.235 | 0.099 |
| 33 - 36 | 2 | 10.664 | 9.149 | 12.180 | 3.030 | 2.142 | 20.089 | 1.515 |
| 36 - 39 | 2 | 14.149 | 13.500 | 14.799 | 1.299 | 0.919 | 6.496 | 0.649 |
| 39 - 42 | 1 | 15.100 | 15.100 | 15.100 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 16.524 | 15.250 | 17.799 | 2.549 | 1.803 | 10.911 | 1.274 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S HEIGHT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 26 | 57.734 | 49.200 | 65.600 | 16.399 | 3.977 | 6.889 | 0.780 |
| 3 - 6 | 26 | 63.080 | 53.500 | 69.699 | 16.199 | 3.770 | 5.976 | 0.739 |
| 6 - 9 | 28 | 67.450 | 62.800 | 73.100 | 10.299 | 2.591 | 3.841 | 0.489 |
| 9 - 12 | 29 | 70.968 | 67.400 | 75.699 | 8.299 | 2.050 | 2.888 | 0.380 |
| 12 - 15 | 20 | 73.360 | 68.900 | 80.100 | 11.199 | 3.133 | 4.271 | 0.700 |
| 15 - 18 | 12 | 76.533 | 71.900 | 80.699 | 8.799 | 2.239 | 2.926 | 0.646 |
| 18 - 21 | 11 | 79.300 | 71.199 | 85.500 | 14.300 | 3.706 | 4.673 | 1.117 |
| 21 - 24 | 3 | 80.466 | 78.100 | 83.199 | 5.099 | 2.569 | 3.193 | 1.483 |
| 24 - 27 | 2 | 84.149 | 82.300 | 86.000 | 3.699 | 2.616 | 3.109 | 1.849 |
| 27 - 30 | 2 | 93.100 | 91.600 | 94.600 | 3.000 | 2.121 | 2.278 | 1.499 |
| 30 - 33 | 1 | 67.400 | 67.400 | 67.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 89.300 | 89.300 | 89.300 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 67.699 | 67.699 | 67.699 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 97.600 | 93.800 | 101.400 | 7.600 | 5.374 | 5.506 | 3.800 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S HEIGHT (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 23 | 55.726 | 50.300 | 63.199 | 12.899 | 2.730 | 4.899 | 0.569 |
| 3 - 6 | 26 | 60.461 | 54.099 | 68.800 | 14.699 | 3.149 | 5.209 | 0.617 |
| 6 - 9 | 21 | 64.895 | 60.199 | 72.400 | 12.200 | 2.788 | 4.297 | 0.608 |
| 9 - 12 | 23 | 68.465 | 54.400 | 75.000 | 20.599 | 4.889 | 7.141 | 1.019 |
| 12 - 15 | 13 | 72.553 | 68.199 | 78.300 | 10.100 | 2.617 | 3.608 | 0.726 |
| 15 - 18 | 9 | 72.755 | 66.000 | 77.600 | 11.600 | 3.398 | 4.658 | 1.129 |
| 18 - 21 | 3 | 78.133 | 76.600 | 79.100 | 2.500 | 1.342 | 1.718 | 0.775 |
| 21 - 24 | 1 | 77.400 | 77.400 | 77.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 87.000 | 84.800 | 89.199 | 4.399 | 3.111 | 3.576 | 2.199 |
| 33 - 36 | 2 | 80.500 | 71.800 | 89.199 | 17.399 | 12.303 | 15.284 | 8.699 |
| 36 - 39 | 2 | 77.300 | 63.699 | 90.900 | 27.200 | 19.233 | 24.881 | 13.599 |
| 39 - 42 | 1 | 94.000 | 94.000 | 94.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 95.399 | 90.600 | 100.199 | 9.599 | 6.788 | 7.115 | 4.799 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 26 | 39.007 | 35.900 | 47.300 | 11.400 | 2.129 | 5.458 | 0.417 |
| 3 - 6 | 26 | 41.419 | 38.000 | 48.000 | 10.000 | 2.221 | 5.362 | 0.435 |
| 6 - 9 | 29 | 43.544 | 40.500 | 46.800 | 6.300 | 1.270 | 2.916 | 0.235 |
| 9 - 12 | 29 | 45.058 | 43.400 | 46.800 | 3.400 | 0.976 | 2.166 | 0.181 |
| 12 - 15 | 20 | 45.434 | 43.500 | 49.300 | 5.800 | 1.595 | 3.510 | 0.356 |
| 15 - 18 | 12 | 45.766 | 44.599 | 47.300 | 2.700 | 0.910 | 1.990 | 0.262 |
| 18 - 21 | 11 | 45.918 | 42.900 | 47.099 | 4.199 | 1.215 | 2.647 | 0.366 |
| 21 - 24 | 3 | 46.533 | 44.599 | 48.000 | 3.400 | 1.747 | 3.75[illegible] | 1.008 |
| 24 - 27 | 2 | 48.250 | 48.000 | 48.500 | 0.500 | 0.353 | 0.732 | 0.249 |
| 27 - 30 | 2 | 49.099 | 49.000 | 49.200 | 0.200 | 0.141 | 0.287 | 0.099 |
| 30 - 33 | 1 | 43.800 | 43.800 | 43.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 47.200 | 47.200 | 47.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 44.500 | 44.500 | 44.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 49.049 | 48.599 | 49.500 | 0.900 | 0.636 | 1.297 | 0.449 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | F E M A L E S | | | | |
| 0 - 3 | 23 | 37.356 | 34.300 | 40.200 | 5.900 | 1.497 | 4.007 | 0.312 |
| 3 - 6 | 26 | 39.484 | 36.099 | 44.000 | 7.900 | 1.541 | 3.904 | 0.302 |
| 6 - 9 | 21 | 41.757 | 38.400 | 44.800 | 6.400 | 1.442 | 3.455 | 0.314 |
| 9 - 12 | 23 | 42.904 | 36.599 | 45.500 | 8.900 | 1.858 | 4.331 | 0.387 |
| 12 - 15 | 13 | 43.861 | 42.400 | 45.500 | 3.099 | 0.899 | 2.050 | 0.249 |
| 15 - 18 | 9 | 44.566 | 41.200 | 45.900 | 4.699 | 1.400 | 3.143 | 0.466 |
| 18 - 21 | 3 | 44.766 | 43.500 | 45.800 | 2.300 | 1.167 | 2.608 | 0.674 |
| 21 - 24 | 1 | 45.800 | 45.800 | 45.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 46.500 | 46.500 | 46.500 | 0.000 | 0.003 | 0.008 | 0.002 |
| 33 - 36 | 2 | 44.699 | 42.800 | 46.599 | 3.799 | 2.687 | 6.011 | 1.899 |
| 36 - 39 | 2 | 44.500 | 40.800 | 48.200 | 7.400 | 5.232 | 11.758 | 3.700 |
| 39 - 42 | 1 | 47.000 | 47.000 | 47.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 48.599 | 47.400 | 49.800 | 2.400 | 1.697 | 3.491 | 1.199 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 25 | 11.883 | 8.500 | 14.000 | 5.500 | 1.238 | 10.421 | 0.247 |
| 3 - 6 | 26 | 13.119 | 9.500 | 15.500 | 6.000 | 1.445 | 11.016 | 0.283 |
| 6 - 9 | 29 | 13.862 | 11.000 | 16.100 | 5.100 | 1.389 | 10.024 | 0.258 |
| 9 - 12 | 29 | 13.972 | 11.800 | 16.500 | 4.699 | 0.936 | 6.702 | 0.173 |
| 12 - 15 | 20 | 13.954 | 12.000 | 16.200 | 4.199 | 1.175 | 8.426 | 0.262 |
| 15 - 18 | 12 | 14.091 | 12.399 | 15.799 | 3.400 | 1.068 | 7.585 | 0.308 |
| 18 - 21 | 11 | 14.436 | 13.299 | 16.500 | 3.199 | 1.067 | 7.391 | 0.321 |
| 21 - 24 | 3 | 14.666 | 14.100 | 15.500 | 1.399 | 0.737 | 5.025 | 0.425 |
| 24 - 27 | 2 | 14.199 | 13.799 | 14.600 | 0.800 | 0.565 | 3.983 | 0.399 |
| 27 - 30 | 2 | 15.199 | 15.000 | 15.399 | 0.399 | 0.282 | 1.860 | 0.199 |
| 30 - 33 | 1 | 14.000 | 14.000 | 14.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 16.200 | 16.200 | 16.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 11.800 | 11.800 | 11.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 14.399 | 13.600 | 15.200 | 1.600 | 1.131 | 7.856 | 0.799 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | F E M A L E S | | | | | |
| 0 - 3 | 23 | 11.443 | 8.000 | 14.000 | 6.000 | 1.439 | 12.580 | 0.300 |
| 3 - 6 | 26 | 12.449 | 10.200 | 14.500 | 4.300 | 1.045 | 8.394 | 0.204 |
| 6 - 9 | 21 | 13.152 | 11.000 | 15.200 | 4.200 | 1.093 | 8.317 | 0.238 |
| 9 - 12 | 22 | 13.736 | 12.000 | 15.000 | 3.000 | 0.836 | 6.089 | 0.178 |
| 12 - 15 | 13 | 13.399 | 10.000 | 16.000 | 6.000 | 1.663 | 12.412 | 0.461 |
| 15 - 18 | 9 | 13.555 | 10.500 | 15.399 | 4.900 | 1.471 | 10.855 | 0.490 |
| 18 - 21 | 3 | 13.333 | 12.700 | 13.799 | 1.099 | 0.568 | 4.264 | 0.328 |
| 21 - 24 | 1 | 12.500 | 12.500 | 12.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 14.649 | 14.500 | 14.799 | 0.299 | 0.212 | 1.447 | 0.149 |
| 33 - 36 | 2 | 13.500 | 12.500 | 14.500 | 2.000 | 1.414 | 10.475 | 0.999 |
| 36 - 39 | 2 | 15.249 | 13.000 | 17.500 | 4.499 | 3.181 | 20.865 | 2.249 |
| 39 - 42 | 1 | 15.700 | 15.700 | 15.700 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 17.500 | 17.500 | 17.500 | 0.000 | 0.002 | 0.015 | 0.001 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 23 | 11.443 | 8.000 | 14.000 | 6.000 | 1.439 | 12.580 | 0.300 |
| 3 - 6 | 26 | 12.449 | 10.200 | 14.500 | 4.300 | 1.045 | 8.394 | 0.204 |
| 6 - 9 | 21 | 13.152 | 11.000 | 15.200 | 4.200 | 1.093 | 8.317 | 0.238 |
| 9 - 12 | 22 | 13.736 | 12.000 | 15.000 | 3.000 | 0.836 | 6.089 | 0.178 |
| 12 - 15 | 13 | 13.399 | 10.000 | 16.000 | 6.000 | 1.663 | 12.412 | 0.461 |
| 15 - 18 | 9 | 13.555 | 10.500 | 15.399 | 4.900 | 1.471 | 10.855 | 0.490 |
| 18 - 21 | 3 | 13.333 | 12.700 | 13.799 | 1.099 | 0.568 | 4.264 | 0.328 |
| 21 - 24 | 1 | 12.500 | 12.500 | 12.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 14.649 | 14.500 | 14.799 | 0.299 | 0.212 | 1.447 | 0.149 |
| 33 - 36 | 2 | 13.500 | 12.500 | 14.500 | 2.000 | 1.414 | 10.475 | 0.999 |
| 36 - 39 | 2 | 15.249 | 13.000 | 17.500 | 4.499 | 3.181 | 20.864 | 2.249 |
| 39 - 42 | 1 | 15.700 | 15.700 | 15.700 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 17.500 | 17.500 | 17.500 | 0.000 | 0.002 | 0.015 | 0.001 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 26 | 6.219 | 3.200 | 11.399 | 8.199 | 1.469 | 23.631 | 0.288 |
| 3 - 6 | 26 | 6.934 | 3.400 | 11.500 | 8.100 | 2.098 | 30.262 | 0.411 |
| 6 - 9 | 29 | 7.093 | 3.599 | 12.500 | 8.899 | 2.065 | 29.115 | 0.383 |
| 9 - 12 | 29 | 6.751 | 4.800 | 9.200 | 4.400 | 1.123 | 16.642 | 0.208 |
| 12 - 15 | 20 | 6.334 | 4.400 | 10.200 | 5.800 | 1.423 | 22.465 | 0.318 |
| 15 - 18 | 12 | 6.474 | 4.400 | 10.200 | 5.800 | 1.667 | 25.751 | 0.481 |
| 18 - 21 | 11 | 7.018 | 5.000 | 9.000 | 3.999 | 1.369 | 19.514 | 0.412 |
| 21 - 24 | 3 | 7.866 | 7.000 | 8.800 | 1.800 | 0.901 | 11.464 | 0.520 |
| 24 - 27 | 2 | 7.449 | 7.399 | 7.500 | 0.100 | 0.070 | 0.946 | 0.049 |
| 27 - 30 | 2 | 6.800 | 5.800 | 7.800 | 2.000 | 1.414 | 20.797 | 0.999 |
| 30 - 33 | 1 | 9.200 | 9.200 | 9.200 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 6.199 | 6.199 | 6.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 5.500 | 5.500 | 5.500 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 5.400 | 4.400 | 6.400 | 2.000 | 1.414 | 26.189 | 0.999 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | F E M A L E S | | | | |
| 0 - 3 | 22 | 5.954 | 3.000 | 10.200 | 7.199 | 1.729 | 29.040 | 0.368 |
| 3 - 6 | 26 | 6.384 | 3.599 | 10.000 | 6.399 | 1.519 | 23.805 | 0.298 |
| 6 - 9 | 21 | 7.066 | 4.600 | 12.000 | 7.399 | 1.775 | 25.128 | 0.387 |
| 9 - 12 | 23 | 6.643 | 4.400 | 8.399 | 3.999 | 1.065 | 16.031 | 0.222 |
| 12 - 15 | 13 | 5.676 | 4.199 | 7.399 | 3.200 | 1.034 | 18.223 | 0.286 |
| 15 - 18 | 9 | 6.022 | 3.800 | 8.000 | 4.199 | 1.309 | 21.742 | 0.436 |
| 18 - 21 | 3 | 5.666 | 4.800 | 6.199 | 1.399 | 0.757 | 13.362 | 0.437 |
| 21 - 24 | 1 | 5.400 | 5.400 | 5.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 5.799 | 4.199 | 7.399 | 3.200 | 2.262 | 39.012 | 1.599 |
| 33 - 36 | 2 | 6.299 | 5.199 | 7.399 | 2.200 | 1.555 | 24.692 | 1.099 |
| 36 - 39 | 2 | 7.999 | 7.000 | 9.000 | 1.999 | 1.414 | 17.677 | 0.999 |
| 39 - 42 | 1 | 7.399 | 7.399 | 7.399 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 7.799 | 6.199 | 9.399 | 3.199 | 2.262 | 29.009 | 1.599 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN BICEPS SKNFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 26 | 4.134 | 2.200 | 5.400 | 3.200 | 0.762 | 18.444 | 0.149 |
| 3 - 6 | 26 | 4.457 | 2.599 | 7.399 | 4.800 | 1.013 | 22.737 | 0.198 |
| 6 - 9 | 29 | 4.696 | 2.400 | 7.199 | 4.800 | 1.268 | 27.013 | 0.235 |
| 9 - 12 | 29 | 4.072 | 2.400 | 5.400 | 3.000 | 0.670 | 16.457 | 0.124 |
| 12 - 15 | 20 | 4.064 | 2.800 | 6.199 | 3.399 | 0.988 | 24.317 | 0.221 |
| 15 - 18 | 12 | 4.258 | 3.000 | 7.000 | 4.000 | 1.296 | 30.445 | 0.374 |
| 18 - 21 | 11 | 4.027 | 2.800 | 6.000 | 3.199 | 1.027 | 25.518 | 0.309 |
| 21 - 24 | 3 | 4.300 | 3.599 | 5.300 | 1.700 | 0.886 | 20.670 | 0.513 |
| 24 - 27 | 2 | 3.099 | 3.000 | 3.200 | 0.200 | 0.141 | 4.561 | 0.099 |
| 27 - 30 | 2 | 4.000 | 3.400 | 4.600 | 1.200 | 0.848 | 21.213 | 0.599 |
| 30 - 33 | 1 | 3.800 | 3.800 | 3.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 4.199 | 4.199 | 4.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 3.599 | 3.599 | 3.599 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 3.299 | 2.400 | 4.199 | 1.799 | 1.272 | 38.569 | 0.899 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN BICEPS SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | F E M A L E S | | | | |
| 0 - 3 | 22 | 4.340 | 2.200 | 7.500 | 5.300 | 1.372 | 31.607 | 0.292 |
| 3 - 6 | 26 | 4.403 | 2.400 | 7.100 | 4.700 | 1.282 | 29.111 | 0.251 |
| 6 - 9 | 21 | 4.080 | 2.300 | 8.800 | 6.500 | 1.340 | 32.835 | 0.292 |
| 9 - 12 | 23 | 4.347 | 2.800 | 6.199 | 3.399 | 0.894 | 20.582 | 0.186 |
| 12 - 15 | 13 | 3.799 | 2.599 | 6.600 | 4.000 | 0.993 | 26.139 | 0.275 |
| 15 - 18 | 9 | 3.844 | 2.200 | 5.400 | 3.200 | 0.983 | 25.589 | 0.327 |
| 18 - 21 | 3 | 3.599 | 2.000 | 5.199 | 3.199 | 1.599 | 44.444 | 0.923 |
| 21 - 24 | 1 | 4.400 | 4.400 | 4.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 3.900 | 2.400 | 5.400 | 3.000 | 2.121 | 54.392 | 1.499 |
| 33 - 36 | 2 | 3.799 | 3.400 | 4.199 | 0.799 | 0.565 | 14.866 | 0.399 |
| 36 - 39 | 2 | 5.399 | 2.800 | 8.000 | 5.199 | 3.676 | 68.091 | 2.599 |
| 39 - 42 | 1 | 5.400 | 5.400 | 5.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 4.699 | 4.000 | 5.400 | 1.400 | 0.989 | 21.062 | 0.700 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 26 | 5.673 | 2.400 | 9.800 | 7.400 | 1.571 | 27.703 | 0.308 |
| 3 - 6 | 26 | 5.480 | 2.599 | 9.200 | 6.600 | 1.434 | 26.172 | 0.281 |
| 6 - 9 | 28 | 5.610 | 3.200 | 8.200 | 5.000 | 1.388 | 24.755 | 0.262 |
| 9 - 12 | 29 | 5.282 | 3.800 | 8.000 | 4.199 | 1.079 | 20.425 | 0.200 |
| 12 - 15 | 20 | 4.889 | 3.599 | 6.400 | 2.800 | 0.834 | 17.069 | 0.186 |
| 15 - 18 | 12 | 4.741 | 3.599 | 6.199 | 2.599 | 0.811 | 17.120 | 0.234 |
| 18 - 21 | 11 | 4.927 | 3.400 | 7.399 | 3.999 | 1.184 | 24.032 | 0.357 |
| 21 - 24 | 3 | 4.566 | 4.000 | 5.100 | 1.100 | 0.550 | 12.060 | 0.317 |
| 24 - 27 | 2 | 4.199 | 4.199 | 4.199 | 0.000 | 0.000 | 0.007 | 0.000 |
| 27 - 30 | 2 | 3.599 | 3.200 | 4.000 | 0.799 | 0.565 | 15.713 | 0.399 |
| 30 - 33 | 1 | 5.400 | 5.400 | 5.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 5.000 | 5.000 | 5.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 4.199 | 4.199 | 4.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 4.099 | 4.000 | 4.199 | 0.199 | 0.141 | 3.449 | 0.099 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN SUPRAILIAC SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | F E M A L E S | | | | |
| 0 - 3 | 22 | 5.499 | 3.000 | 9.000 | 5.999 | 1.905 | 34.638 | 0.406 |
| 3 - 6 | 26 | 5.684 | 3.200 | 8.200 | 5.000 | 1.297 | 22.826 | 0.254 |
| 6 - 9 | 21 | 5.533 | 3.800 | 8.000 | 4.199 | 0.912 | 16.497 | 0.199 |
| 9 - 12 | 23 | 5.621 | 3.599 | 8.500 | 4.899 | 0.957 | 17.027 | 0.199 |
| 12 - 15 | 13 | 4.476 | 3.400 | 6.199 | 2.799 | 0.842 | 18.824 | 0.233 |
| 15 - 18 | 9 | 4.766 | 2.599 | 7.399 | 4.800 | 1.352 | 28.379 | 0.450 |
| 18 - 21 | 3 | 4.733 | 4.000 | 5.600 | 1.600 | 0.808 | 17.076 | 0.466 |
| 21 - 24 | 1 | 3.400 | 3.400 | 3.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 4.699 | 3.400 | 6.000 | 2.599 | 1.838 | 39.116 | 1.299 |
| 33 - 36 | 2 | 5.600 | 5.600 | 5.600 | 0.000 | 0.001 | 0.031 | 0.001 |
| 36 - 39 | 2 | 6.300 | 4.400 | 8.200 | 3.799 | 2.687 | 42.650 | 1.899 |
| 39 - 42 | 1 | 5.199 | 5.199 | 5.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 5.699 | 5.000 | 6.400 | 1.400 | 0.989 | 17.367 | 0.699 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | MALES | | | | |
| 0 - 3 | 26 | 6.492 | 3.200 | 10.000 | 6.799 | 1.975 | 30.424 | 0.387 |
| 3 - 6 | 26 | 7.669 | 2.400 | 15.000 | 12.600 | 2.897 | 37.783 | 0.568 |
| 6 - 9 | 28 | 7.403 | 4.199 | 12.399 | 8.200 | 2.375 | 32.091 | 0.449 |
| 9 - 12 | 29 | 6.641 | 4.199 | 10.800 | 6.600 | 1.969 | 29.652 | 0.365 |
| 12 - 15 | 20 | 5.884 | 3.000 | 14.799 | 11.799 | 2.396 | 40.726 | 0.535 |
| 15 - 18 | 12 | 5.174 | 3.800 | 9.800 | 6.000 | 1.664 | 32.167 | 0.480 |
| 18 - 21 | 11 | 4.963 | 3.400 | 7.399 | 3.999 | 1.072 | 21.609 | 0.323 |
| 21 - 24 | 3 | 4.599 | 3.400 | 6.199 | 2.799 | 1.442 | 31.352 | 0.832 |
| 24 - 27 | 2 | 4.199 | 3.200 | 5.199 | 1.999 | 1.414 | 33.671 | 0.999 |
| 27 - 30 | 2 | 4.300 | 3.800 | 4.800 | 0.999 | 0.707 | 16.444 | 0.499 |
| 30 - 33 | 1 | 8.800 | 8.800 | 8.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 33 - 36 | 1 | 5.600 | 5.600 | 5.600 | 0.000 | 0.000 | 0.000 | 0.000 |
| 36 - 39 | 1 | 6.800 | 6.800 | 6.800 | 0.000 | 0.000 | 0.000 | 0.000 |
| 39 - 42 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 2 | 4.199 | 4.000 | 4.400 | 0.400 | 0.282 | 6.734 | 0.199 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

PARTIALY BREAST FED CHILDREN'S MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND SEX

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTHS) | NUMBER | MEAN | RANGE MIN. | RANGE MAX. | RANGE VAL. | S.D | C.V. | S.E. |
|---|---|---|---|---|---|---|---|---|
| | | | | FEMALES | | | | |
| 0 - 3 | 22 | 6.422 | 3.000 | 13.600 | 10.600 | 3.032 | 47.220 | 0.646 |
| 3 - 6 | 26 | 6.761 | 3.400 | 12.500 | 9.100 | 2.286 | 33.811 | 0.448 |
| 6 - 9 | 21 | 6.466 | 3.800 | 9.800 | 6.000 | 1.918 | 29.670 | 0.418 |
| 9 - 12 | 23 | 6.204 | 3.800 | 9.800 | 6.000 | 1.841 | 29.673 | 0.383 |
| 12 - 15 | 13 | 4.861 | 3.200 | 7.199 | 3.999 | 1.362 | 28.022 | 0.377 |
| 15 - 18 | 9 | 5.799 | 2.200 | 10.000 | 7.799 | 2.381 | 41.054 | 0.793 |
| 18 - 21 | 3 | 4.399 | 4.199 | 4.600 | 0.400 | 0.199 | 4.545 | 0.115 |
| 21 - 24 | 1 | 4.400 | 4.400 | 4.400 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24 - 27 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27 - 30 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30 - 33 | 2 | 3.599 | 3.200 | 4.000 | 0.799 | 0.565 | 15.713 | 0.399 |
| 33 - 36 | 2 | 8.500 | 5.400 | 11.600 | 6.199 | 4.384 | 51.577 | 3.099 |
| 36 - 39 | 2 | 8.200 | 4.400 | 12.000 | 7.599 | 5.374 | 65.536 | 3.799 |
| 39 - 42 | 1 | 6.199 | 6.199 | 6.199 | 0.000 | 0.000 | 0.000 | 0.000 |
| 42 - 45 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 45 - 48 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 48 - 51 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 51 - 54 | 2 | 9.600 | 8.200 | 11.000 | 2.799 | 1.979 | 20.623 | 1.399 |
| 54 - 57 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 57 - 60 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 60 - 63 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

APPENDIX XI

CHILDREN'S HEAD CIRCUMFERENCE (CM) BY AGE AND BIRTH ORDER (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTH) | # | BIRTH ORDER = 1 = | = 2 = | = 3 = | = 4 = | = 5 = | = 6 = | = 7 = | = 8 = | = 9 = | = 10 = | = 11 = | = 12 = |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0- 3 | NO. | 11 | 17 | 27 | 20 | 19 | 23 | 27 | 13 | 5 | 3 | 4 | 2 |
| | MEAN | 38.918 | 37.752 | 37.414 | 38.894 | 36.910 | 37.947 | 37.581 | 37.638 | 39.139 | 37.500 | 38.349 | 36.099 |
| | S.D | 2.515 | 1.631 | 1.900 | 2.611 | 1.764 | 2.990 | 1.667 | 1.882 | 1.112 | 2.900 | 1.181 | 0.141 |
| 3- 6 | NO. | 29 | 27 | 22 | 28 | 11 | 27 | 11 | 10 | 7 | 4 | 1 | 3 |
| | MEAN | 41.844 | 40.988 | 39.959 | 40.717 | 39.781 | 41.166 | 41.363 | 40.909 | 41.899 | 39.399 | 40.000 | 43.500 |
| | S.D | 2.442 | 2.612 | 1.812 | 1.888 | 2.210 | 2.559 | 2.037 | 2.950 | 3.541 | 1.498 | 0.000 | 1.571 |
| 6- 9 | NO. | 33 | 23 | 28 | 25 | 33 | 26 | 14 | 14 | 12 | 2 | 5 | 1 |
| | MEAN | 42.833 | 42.995 | 42.796 | 42.463 | 42.836 | 43.057 | 43.214 | 42.971 | 42.399 | 42.250 | 43.080 | 45.500 |
| | S.D | 1.757 | 2.097 | 1.609 | 1.716 | 1.780 | 1.944 | 2.171 | 2.355 | 1.814 | 0.353 | 1.808 | 0.001 |
| 9-12 | NO. | 28 | 22 | 29 | 34 | 21 | 16 | 25 | 14 | 13 | 2 | 1 | 1 |
| | MEAN | 43.278 | 43.736 | 44.106 | 44.397 | 43.957 | 44.174 | 43.987 | 44.099 | 44.215 | 43.949 | 40.400 | 44.099 |
| | S.D | 1.946 | 2.345 | 1.534 | 1.670 | 1.756 | 1.554 | 2.072 | 2.668 | 1.880 | 0.777 | 0.000 | 0.001 |
| 12-15 | NO. | 23 | 24 | 27 | 21 | 32 | 35 | 16 | 13 | 11 | 4 | 0 | 1 |
| | MEAN | 44.791 | 44.375 | 44.111 | 45.547 | 44.684 | 44.948 | 44.281 | 44.515 | 44.572 | 44.924 | 0.000 | 44.000 |
| | S.D | 1.485 | 1.583 | 1.831 | 1.870 | 2.210 | 1.725 | 1.571 | 2.183 | 1.500 | 1.639 | 0.000 | 0.001 |
| 15-18 | NO. | 32 | 32 | 25 | 29 | 20 | 19 | 20 | 14 | 7 | 5 | 2 | 1 |
| | MEAN | 45.181 | 45.799 | 44.652 | 45.358 | 45.360 | 45.073 | 45.239 | 45.578 | 46.099 | 44.299 | 45.199 | 47.099 |
| | S.D | 1.633 | 1.721 | 1.890 | 1.664 | 1.996 | 1.667 | 1.526 | 0.988 | 2.089 | 2.022 | 0.282 | 0.001 |
| 18-21 | NO. | 25 | 18 | 24 | 20 | 27 | 21 | 18 | 14 | 4 | 3 | 0 | 1 |
| | MEAN | 46.395 | 46.894 | 46.104 | 45.704 | 45.585 | 45.285 | 46.116 | 46.292 | 46.400 | 45.066 | 0.000 | 46.400 |
| | S.D | 1.510 | 1.961 | 1.732 | 2.309 | 1.427 | 1.528 | 1.387 | 1.514 | 2.239 | 0.230 | 0.000 | 0.002 |
| 21-24 | NO. | 25 | 23 | 22 | 18 | 27 | 27 | 18 | 11 | 8 | 3 | 0 | 1 |
| | MEAN | 46.388 | 45.813 | 46.672 | 45.905 | 46.122 | 46.362 | 46.049 | 46.381 | 45.625 | 45.566 | 0.000 | 45.800 |
| | S.D | 1.931 | 1.971 | 1.412 | 1.483 | 1.716 | 1.536 | 1.875 | 1.863 | 2.186 | 2.706 | 0.000 | 0.000 |
| 24-27 | NO. | 17 | 26 | 31 | 35 | 25 | 18 | 21 | 13 | 7 | 5 | 3 | 1 |
| | MEAN | 46.211 | 46.376 | 46.461 | 46.479 | 46.575 | 46.755 | 45.947 | 46.730 | 46.000 | 46.919 | 46.066 | 47.000 |
| | S.D | 2.085 | 1.326 | 1.172 | 1.426 | 1.188 | 1.515 | 1.825 | 2.214 | 2.299 | 0.697 | 1.484 | 0.002 |

CHILDREN'S ARM CIRCUMFERENCE (CM) BY AGE AND BIRTH ORDER (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTH) | | BIRTH ORDER = 1 | = 2 | = 3 | = 4 | = 5 | = 6 | = 7 | = 8 | = 9 | = 10 | = 11 | = 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0- 3 | NO. | 11 | 17 | 27 | 20 | 19 | 23 | 26 | 13 | 5 | 3 | 4 | 2 |
| | MEAN | 12.054 | 11.694 | 10.951 | 12.124 | 11.273 | 11.760 | 11.649 | 11.307 | 11.500 | 12.166 | 12.199 | 10.000 |
| | S.D | 1.415 | 1.219 | 1.316 | 0.850 | 1.472 | 2.048 | 1.469 | 1.485 | 0.824 | 2.565 | 0.962 | 0.848 |
| 3- 6 | NO. | 29 | 27 | 22 | 28 | 11 | 27 | 11 | 10 | 7 | 4 | 1 | 3 |
| | MEAN | 13.227 | 12.392 | 12.209 | 12.896 | 12.399 | 13.222 | 13.127 | 12.250 | 12.442 | 11.500 | 11.000 | 14.500 |
| | S.D | 1.360 | 1.481 | 1.256 | 1.063 | 1.066 | 1.137 | 1.319 | 1.138 | 1.922 | 0.871 | 0.000 | 1.322 |
| 6- 9 | NO. | 33 | 23 | 28 | 25 | 33 | 26 | 14 | 14 | 12 | 2 | 5 | 1 |
| | MEAN | 13.690 | 13.595 | 13.257 | 13.159 | 13.166 | 13.561 | 13.414 | 13.499 | 13.724 | 14.100 | 12.639 | 15.000 |
| | S.D | 1.140 | 1.367 | 1.272 | 1.233 | 1.456 | 1.224 | 1.297 | 1.690 | 1.407 | 1.555 | 1.234 | 0.001 |
| 9-12 | NO. | 27 | 22 | 29 | 34 | 21 | 16 | 24 | 14 | 13 | 2 | 1 | 1 |
| | MEAN | 13.796 | 13.754 | 13.717 | 14.020 | 13.504 | 14.656 | 13.824 | 13.535 | 13.515 | 12.250 | 13.000 | 13.700 |
| | S.D | 1.308 | 1.076 | 1.253 | 1.345 | 1.002 | 1.138 | 1.627 | 1.021 | 1.256 | 0.353 | 0.001 | 0.000 |
| 12-15 | NO. | 23 | 24 | 27 | 21 | 32 | 35 | 16 | 13 | 11 | 4 | 0 | 1 |
| | MEAN | 13.713 | 13.795 | 13.237 | 14.480 | 13.524 | 14.265 | 14.106 | 13.515 | 13.481 | 13.824 | 0.000 | 14.500 |
| | S.D | 0.894 | 1.248 | 1.380 | 1.477 | 1.500 | 1.441 | 1.347 | 1.022 | 1.299 | 0.665 | 0.000 | 0.001 |
| 15-18 | NO. | 32 | 32 | 25 | 29 | 20 | 19 | 20 | 13 | 7 | 5 | 2 | 1 |
| | MEAN | 13.818 | 13.884 | 13.447 | 13.965 | 13.319 | 13.726 | 13.584 | 13.846 | 13.885 | 13.119 | 14.600 | 12.500 |
| | S.D | 0.758 | 1.335 | 1.501 | 1.277 | 1.172 | 1.216 | 0.971 | 1.335 | 1.786 | 2.248 | 0.848 | 0.000 |
| 18-21 | NO. | 25 | 18 | 24 | 20 | 27 | 21 | 18 | 14 | 4 | 3 | 0 | 1 |
| | MEAN | 14.251 | 13.655 | 14.508 | 13.889 | 14.299 | 14.147 | 14.166 | 13.985 | 14.049 | 13.299 | 0.000 | 13.700 |
| | S.D | 1.191 | 1.410 | 0.977 | 1.581 | 0.967 | 1.322 | 1.109 | 0.930 | 1.389 | 0.699 | 0.000 | 0.000 |
| 21-24 | NO. | 25 | 23 | 22 | 18 | 27 | 27 | 18 | 11 | 8 | 3 | 0 | 1 |
| | MEAN | 14.339 | 14.278 | 14.231 | 14.094 | 14.396 | 14.325 | 14.022 | 14.236 | 14.262 | 13.733 | 0.000 | 12.500 |
| | S.D | 1.027 | 1.025 | 1.170 | 1.062 | 1.256 | 1.470 | 1.309 | 0.884 | 1.312 | 0.305 | 0.000 | 0.000 |
| 24-27 | NO. | 17 | 26 | 31 | 35 | 25 | 18 | 21 | 13 | 7 | 5 | 3 | 1 |
| | MEAN | 14.670 | 14.103 | 14.712 | 14.371 | 14.535 | 14.338 | 14.557 | 14.484 | 14.457 | 13.759 | 13.166 | 15.000 |
| | S.D | 1.137 | 1.074 | 1.273 | 1.260 | 0.910 | 1.063 | 1.203 | 1.288 | 1.517 | 0.658 | 0.577 | 0.001 |

MEAN TRICEPS SKINFOLD THICKNESS (MM) BY AND BIRTH ORDER (SEX COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTH) | | BIRTH ORDER 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0- 3 | NO. | 11 | 17 | 27 | 20 | 19 | 22 | 26 | 13 | 5 | 3 | 4 | 2 |
| | MEAN | 6.309 | 5.941 | 5.014 | 6.044 | 5.199 | 5.895 | 6.038 | 5.384 | 5.800 | 6.933 | 6.449 | 4.600 |
| | S.D | 1.143 | 1.630 | 1.236 | 0.987 | 2.339 | 2.091 | 1.849 | 1.734 | 0.599 | 3.827 | 0.550 | 1.131 |
| 3- 6 | NO. | 29 | 27 | 22 | 28 | 11 | 27 | 11 | 10 | 7 | 4 | 1 | 3 |
| | MEAN | 8.434 | 6.862 | 6.763 | 7.307 | 6.381 | 6.933 | 6.345 | 6.499 | 5.628 | 5.050 | 5.400 | 6.866 |
| | S.D | 2.075 | 2.149 | 1.802 | 2.357 | 1.386 | 1.896 | 1.368 | 1.258 | 1.256 | 0.869 | 0.000 | 1.101 |
| 6- 9 | NO. | 33 | 23 | 28 | 25 | 33 | 25 | 14 | 14 | 11 | 2 | 5 | 1 |
| | MEAN | 8.015 | 7.086 | 6.824 | 6.783 | 6.709 | 7.627 | 6.714 | 6.885 | 7.263 | 6.599 | 7.199 | 6.800 |
| | S.D | 2.262 | 1.453 | 1.493 | 1.518 | 1.723 | 2.050 | 1.786 | 2.788 | 2.307 | 1.131 | 0.812 | 0.000 |
| 9-12 | NO. | 28 | 22 | 29 | 34 | 21 | 16 | 25 | 14 | 13 | 2 | 1 | 1 |
| | MEAN | 6.628 | 6.599 | 7.262 | 7.620 | 6.309 | 7.081 | 6.691 | 6.899 | 6.615 | 5.100 | 5.600 | 8.200 |
| | S.D | 1.341 | 1.428 | 1.549 | 2.280 | 1.572 | 1.243 | 1.692 | 1.391 | 1.664 | 0.989 | 0.000 | 0.001 |
| 12-15 | NO. | 22 | 24 | 27 | 21 | 32 | 33 | 15 | 12 | 11 | 4 | 0 | 1 |
| | MEAN | 6.836 | 6.683 | 6.437 | 6.857 | 6.281 | 6.636 | 6.746 | 6.566 | 6.609 | 6.699 | 0.000 | 8.399 |
| | S.D | 1.248 | 2.160 | 1.559 | 1.620 | 1.191 | 1.578 | 1.533 | 1.785 | 1.463 | 0.382 | 0.000 | 0.001 |
| 15-18 | NO. | 32 | 32 | 25 | 29 | 20 | 19 | 20 | 14 | 7 | 5 | 2 | 1 |
| | MEAN | 7.153 | 6.534 | 6.659 | 6.568 | 6.534 | 6.494 | 6.154 | 6.821 | 5.885 | 5.639 | 6.099 | 5.000 |
| | S.D | 1.861 | 1.351 | 1.878 | 1.912 | 1.444 | 1.763 | 1.481 | 1.979 | 0.661 | 1.438 | 0.141 | 0.000 |
| 18-21 | NO. | 25 | 18 | 23 | 20 | 27 | 21 | 18 | 14 | 4 | 3 | 0 | 1 |
| | MEAN | 7.199 | 6.677 | 7.208 | 6.349 | 6.892 | 6.876 | 7.405 | 6.449 | 7.449 | 5.133 | 0.000 | 6.800 |
| | S.D | 1.767 | 1.566 | 1.701 | 1.596 | 1.449 | 1.348 | 1.732 | 1.587 | 2.599 | 1.137 | 0.000 | 0.000 |
| 21-24 | NO. | 24 | 23 | 22 | 18 | 27 | 27 | 18 | 11 | 8 | 3 | 0 | 1 |
| | MEAN | 6.991 | 6.926 | 6.681 | 6.811 | 7.348 | 6.540 | 7.249 | 6.672 | 7.774 | 5.599 | 0.000 | 5.400 |
| | S.D | 1.886 | 1.159 | 1.147 | 1.832 | 1.429 | 1.784 | 1.765 | 0.980 | 2.063 | 1.587 | 0.000 | 0.000 |
| 24-27 | NO. | 17 | 26 | 31 | 34 | 26 | 16 | 21 | 13 | 7 | 5 | 3 | 1 |
| | MEAN | 7.247 | 7.088 | 7.219 | 6.782 | 7.546 | 6.461 | 7.133 | 6.546 | 7.014 | 6.379 | 4.966 | 6.400 |
| | S.D | 1.860 | 1.800 | 1.657 | 1.513 | 2.265 | 1.116 | 1.797 | 1.451 | 2.647 | 1.741 | 0.737 | 0.000 |

MEAN BICEPS SKINFOLD

CHILD GROWTH SURVEY -

| AGE (MONTH) | | = 1 = | = 2 = | = 3 = |
|---|---|---|---|---|
| 0- 3 | NO. | 11 | 17 | 27 |
| | MEAN | 4.381 | 4.117 | 3.896 |
| | S.D | 0.997 | 0.982 | 0.967 |
| 3- 6 | NO. | 29 | 27 | 22 |
| | MEAN | 4.862 | 4.025 | 4.713 |
| | S.D | 1.086 | 1.247 | 1.256 |
| 6- 9 | NO. | 33 | 23 | 28 |
| | MEAN | 4.724 | 4.869 | 4.078 |
| | S.D | 1.604 | 1.407 | 0.916 |
| 9-12 | NO. | 28 | 22 | 29 |
| | MEAN | 3.871 | 4.386 | 4.489 |
| | S.D | 0.688 | 1.223 | 1.020 |
| 12-15 | NO. | 22 | 24 | 27 |
| | MEAN | 4.636 | 4.095 | 3.962 |
| | S.D | 1.197 | 0.927 | 0.703 |
| 15-18 | NO. | 32 | 32 | 25 |
| | MEAN | 4.440 | 4.028 | 4.079 |
| | S.D | 1.069 | 0.975 | 0.909 |
| 18-21 | NO. | 25 | 18 | 23 |
| | MEAN | 4.111 | 4.116 | 4.460 |
| | S.D | 1.095 | 0.955 | 1.262 |
| 21-24 | NO. | 24 | 23 | 22 |
| | MEAN | 4.187 | 4.334 | 4.045 |
| | S.D | 1.173 | 0.917 | 0.711 |
| 24-27 | NO. | 17 | 26 | 31 |
| | MEAN | 4.547 | 4.407 | 4.541 |
| | S.D | 0.858 | 0.776 | 1.179 |

THICKNESS (MM) BY AGE AND BIRTH ORDER (SEX COMBINED)

ANNAN

| BIRTH ORDER = 4 = | = 5 = | = 6 = | = 7 = | = 8 = | = 9 = | = 10 = | = 11 = | = 12 = |
|---|---|---|---|---|---|---|---|---|
| 20 | 19 | 22 | 26 | 13 | 5 | 3 | 4 | 2 |
| 4.099 | 4.015 | 4.118 | 4.211 | 3.815 | 4.159 | 4.199 | 4.199 | 3.500 |
| 0.669 | 1.520 | 1.265 | 1.069 | 0.957 | 0.973 | 1.928 | 0.848 | 0.707 |
| 28 | 11 | 27 | 11 | 10 | 7 | 4 | 1 | 3 |
| 4.567 | 4.127 | 4.270 | 3.890 | 4.409 | 3.999 | 4.099 | 3.400 | 4.399 |
| 1.126 | 0.972 | 1.029 | 0.973 | 1.172 | 0.886 | 0.577 | 0.000 | 0.799 |
| 25 | 33 | 25 | 14 | 14 | 12 | 2 | 5 | 1 |
| 4.455 | 4.227 | 4.827 | 4.242 | 4.421 | 4.250 | 3.999 | 4.159 | 4.400 |
| 1.319 | 0.742 | 1.547 | 1.359 | 1.214 | 1.544 | 1.697 | 0.654 | 0.000 |
| 34 | 21 | 16 | 25 | 14 | 13 | 2 | 1 | 1 |
| 4.485 | 3.652 | 4.081 | 4.419 | 4.714 | 3.699 | 3.300 | 3.800 | 3.800 |
| 0.991 | 0.609 | 0.614 | 1.121 | 1.819 | 0.645 | 0.707 | 0.000 | 0.000 |
| 21 | 32 | 33 | 15 | 12 | 11 | 4 | 0 | 1 |
| 4.323 | 4.099 | 3.939 | 4.066 | 4.316 | 4.199 | 3.824 | 0.000 | 3.400 |
| 1.161 | 0.882 | 0.802 | 0.718 | 1.129 | 1.173 | 0.464 | 0.000 | 0.000 |
| 29 | 20 | 19 | 20 | 14 | 7 | 5 | 2 | 1 |
| 4.451 | 3.969 | 4.210 | 4.189 | 4.457 | 3.828 | 3.159 | 3.699 | 3.000 |
| 1.432 | 0.798 | 1.170 | 1.228 | 0.984 | 0.882 | 0.726 | 0.707 | 0.000 |
| 20 | 27 | 21 | 18 | 14 | 4 | 3 | 0 | 1 |
| 4.049 | 3.855 | 4.490 | 4.583 | 4.271 | 4.500 | 3.533 | 0.000 | 3.599 |
| 1.004 | 0.741 | 1.180 | 1.170 | 1.353 | 1.747 | 0.757 | 0.000 | 0.000 |
| 18 | 27 | 27 | 18 | 11 | 8 | 3 | 0 | 1 |
| 4.161 | 4.614 | 3.981 | 4.888 | 4.454 | 4.050 | 3.266 | 0.000 | 4.400 |
| 0.895 | 1.609 | 0.819 | 1.343 | 1.206 | 0.984 | 0.230 | 0.000 | 0.000 |
| 34 | 26 | 18 | 21 | 13 | 7 | 5 | 3 | 1 |
| 4.373 | 4.476 | 4.266 | 4.342 | 4.099 | 4.128 | 3.839 | 3.733 | 3.400 |
| 1.250 | 1.497 | 1.211 | 1.285 | 1.003 | 0.946 | 1.275 | 0.305 | 0.000 |

MEAN SUPRAILIAG SKINFOLD THICKNESS (MM) BY AGE

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTH) | | BIRTH ORDER = 1 = | = 2 = | = 3 = | = 4 = | = 5 = | = 6 = |
|---|---|---|---|---|---|---|---|
| 0- 3 | NO. | 11 | 17 | 27 | 20 | 19 | 22 |
| | MEAN | 5.690 | 5.741 | 4.814 | 5.479 | 4.631 | 5.254 |
| | S.D | 1.723 | 1.849 | 1.347 | 1.431 | 1.738 | 1.498 |
| 3- 6 | NO. | 29 | 27 | 22 | 28 | 11 | 27 |
| | MEAN | 5.982 | 5.385 | 5.668 | 5.607 | 6.109 | 5.496 |
| | S.D | 1.566 | 1.321 | 1.666 | 1.390 | 1.114 | 1.620 |
| 6- 9 | NO. | 33 | 23 | 28 | 25 | 32 | 25 |
| | MEAN | 6.227 | 5.891 | 5.667 | 5.723 | 5.456 | 5.771 |
| | S.D | 1.525 | 1.393 | 1.316 | 1.563 | 1.052 | 1.680 |
| 9-12 | NO. | 28 | 22 | 29 | 34 | 21 | 16 |
| | MEAN | 5.257 | 5.645 | 5.365 | 5.549 | 5.228 | 5.574 |
| | S.D | 1.093 | 1.322 | 1.071 | 1.341 | 1.520 | 1.001 |
| 12-15 | NO. | 22 | 24 | 27 | 21 | 32 | 33 |
| | MEAN | 5.077 | 5.104 | 5.062 | 5.352 | 4.931 | 4.833 |
| | S.D | 0.887 | 0.975 | 1.138 | 1.519 | 1.081 | 1.080 |
| 15-18 | NO. | 32 | 32 | 25 | 29 | 20 | 19 |
| | MEAN | 5.374 | 4.818 | 4.759 | 4.775 | 4.804 | 4.789 |
| | S.D | 1.101 | 1.011 | 1.141 | 1.032 | 0.819 | 1.295 |
| 18-21 | NO. | 25 | 18 | 23 | 20 | 27 | 21 |
| | MEAN | 5.183 | 4.788 | 5.199 | 5.239 | 5.074 | 5.685 |
| | S.D | 1.302 | 1.082 | 1.172 | 1.102 | 1.020 | 1.214 |
| 21-24 | NO. | 24 | 23 | 22 | 18 | 27 | 27 |
| | MEAN | 5.058 | 5.326 | 5.372 | 5.399 | 5.014 | 4.937 |
| | S.D | 1.443 | 1.146 | 1.322 | 1.243 | 1.071 | 1.268 |
| 24-27 | NO. | 17 | 26 | 31 | 34 | 26 | 18 |
| | MEAN | 5.276 | 5.453 | 5.083 | 5.147 | 5.234 | 4.811 |
| | S.D | 1.234 | 1.117 | 1.265 | 1.328 | 1.184 | 1.039 |

AND BIRTH ORDER (BOTH SEXS)

| = 7 = | = 8 = | = 9 = | = 10 = | = 11 = | = 12 = |
|---|---|---|---|---|---|
| 26 | 13 | 5 | 3 | 4 | 2 |
| 5.603 | 4.938 | 5.159 | 5.399 | 6.500 | 3.599 |
| 1.573 | 1.418 | 0.517 | 1.637 | 1.446 | 0.565 |
| 11 | 10 | 7 | 4 | 1 | 3 |
| 4.927 | 5.729 | 5.142 | 5.500 | 3.800 | 5.866 |
| 0.976 | 1.321 | 1.839 | 1.101 | 0.000 | 1.171 |
| 14 | 14 | 12 | 2 | 5 | 1 |
| 5.171 | 5.799 | 5.124 | 5.500 | 5.399 | 6.199 |
| 1.023 | 1.771 | 0.903 | 1.272 | 0.282 | 0.000 |
| 25 | 14 | 13 | 2 | 1 | 1 |
| 5.643 | 5.364 | 5.061 | 4.500 | 4.600 | 5.199 |
| 1.364 | 1.263 | 0.946 | 1.838 | 0.000 | 0.000 |
| 15 | 12 | 11 | 4 | 0 | 1 |
| 5.299 | 5.291 | 4.981 | 4.875 | 0.000 | 5.000 |
| 1.434 | 1.647 | 1.312 | 0.649 | 0.000 | 0.000 |
| 20 | 14 | 7 | 5 | 2 | 1 |
| 4.554 | 4.857 | 4.800 | 3.999 | 5.400 | 3.400 |
| 1.169 | 0.892 | 0.923 | 0.748 | 1.414 | 0.000 |
| 18 | 14 | 4 | 3 | 0 | 1 |
| 5.099 | 4.942 | 5.399 | 5.066 | 0.000 | 4.400 |
| 1.192 | 1.472 | 1.897 | 0.416 | 0.000 | 0.000 |
| 18 | 11 | 8 | 3 | 0 | 1 |
| 5.355 | 4.909 | 4.924 | 4.966 | 0.000 | 3.400 |
| 1.078 | 0.760 | 0.943 | 0.404 | 0.000 | 0.000 |
| 21 | 13 | 7 | 5 | 3 | 1 |
| 5.209 | 4.915 | 5.228 | 4.519 | 4.865 | 5.000 |
| 1.340 | 1.154 | 0.604 | 0.672 | 1.154 | 0.000 |

MEAN SUBSCAPULAR SKINFOLD THICKNESS (MM) BY AGE AND BIRTH ORDER (COMBINED)

CHILD GROWTH SURVEY - AMMAN

| AGE (MONTH) | | BIRTH ORDER = 1 | = 2 | = 3 | = 4 | = 5 | = 6 | = 7 | = 8 | = 9 | = 10 | = 11 | = 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0- 3 | NO. | 11 | 17 | 27 | 20 | 19 | 22 | 26 | 13 | 5 | 3 | 4 | 2 |
| | MEAN | 6.890 | 6.588 | 5.896 | 6.904 | 5.610 | 5.904 | 6.492 | 6.523 | 6.439 | 5.199 | 6.399 | 4.199 |
| | S.D | 1.667 | 2.461 | 1.619 | 2.545 | 2.769 | 2.627 | 2.338 | 3.093 | 2.632 | 1.907 | 2.658 | 1.131 |
| 3- 6 | NO. | 29 | 27 | 22 | 28 | 11 | 27 | 11 | 10 | 7 | 4 | 1 | 3 |
| | MEAN | 7.975 | 7.099 | 7.277 | 7.949 | 7.254 | 7.403 | 5.963 | 7.999 | 7.285 | 6.750 | 5.400 | 6.999 |
| | S.D | 2.616 | 2.978 | 2.819 | 2.872 | 2.346 | 3.144 | 1.999 | 2.874 | 2.547 | 2.226 | 0.001 | 1.113 |
| 6- 9 | NO. | 33 | 23 | 28 | 25 | 32 | 25 | 14 | 14 | 12 | 4 | 5 | 1 |
| | MEAN | 7.287 | 7.617 | 6.228 | 6.527 | 6.312 | 7.135 | 6.221 | 7.349 | 6.474 | 9.1[illegible] | 8.079 | 10.000 |
| | S.D | 2.240 | 2.690 | 1.852 | 1.857 | 1.553 | 2.408 | 2.113 | 2.525 | 2.403 | 0.[illegible] | 1.603 | 0.001 |
| 9-12 | NO. | 28 | 22 | 29 | 34 | 21 | 16 | 25 | 14 | 13 | 2 | 1 | 1 |
| | MEAN | 5.992 | 6.627 | 6.679 | 6.902 | 5.852 | 6.762 | 6.447 | 6.957 | 6.276 | 6.399 | 7.000 | 5.000 |
| | S.D | 1.570 | 2.423 | 2.408 | 2.778 | 1.923 | 1.859 | 2.124 | 2.280 | 2.292 | 3.394 | 0.001 | 0.000 |
| 12-15 | NO. | 22 | 24 | 27 | 21 | 32 | 33 | 15 | 12 | 11 | 4 | 0 | 1 |
| | MEAN | 6.045 | 5.741 | 5.577 | 6.147 | 5.840 | 5.933 | 6.553 | 5.749 | 5.999 | 6.849 | 0.000 | 4.400 |
| | S.D | 1.501 | 1.838 | 1.652 | 2.516 | 1.943 | 1.897 | 2.629 | 1.862 | 1.614 | 1.857 | 0.000 | 0.000 |
| 15-18 | NO. | 32 | 32 | 25 | 29 | 20 | 19 | 20 | 14 | 7 | 5 | 2 | 1 |
| | MEAN | 6.374 | 5.446 | 5.375 | 5.672 | 5.894 | 5.442 | 5.384 | 5.228 | 5.885 | 4.319 | 4.899 | 4.199 |
| | S.D | 2.092 | 1.699 | 2.594 | 1.742 | 1.853 | 2.081 | 1.899 | 1.416 | 2.468 | 1.229 | 0.424 | 0.000 |
| 18-21 | NO. | 25 | 18 | 23 | 20 | 27 | 21 | 18 | 14 | 4 | 3 | 0 | 1 |
| | MEAN | 5.827 | 5.527 | 5.965 | 5.124 | 5.644 | 7.080 | 5.477 | 5.571 | 6.099 | 4.733 | 0.000 | 4.199 |
| | S.D | 2.615 | 1.610 | 2.146 | 1.533 | 1.418 | 2.833 | 1.534 | 1.982 | 2.635 | 0.611 | 0.000 | 0.000 |
| 21-24 | NO. | 24 | 23 | 22 | 18 | 27 | 27 | 18 | 11 | 8 | 3 | 0 | 1 |
| | MEAN | 5.337 | 5.691 | 5.340 | 5.516 | 5.496 | 5.807 | 6.283 | 5.963 | 5.999 | 4.600 | 0.000 | 4.400 |
| | S.D | 2.227 | 1.839 | 1.861 | 1.165 | 1.689 | 1.832 | 2.258 | 1.781 | 2.130 | 1.199 | 0.000 | 0.000 |
| 24-27 | NO. | 17 | 26 | 31 | 34 | 26 | 18 | 21 | 13 | 7 | 5 | 3 | 1 |
| | MEAN | 6.223 | 5.707 | 5.990 | 6.338 | 6.676 | 5.772 | 5.809 | 5.315 | 6.285 | 7.239 | 4.933 | 5.400 |
| | S.D | 1.372 | 1.668 | 2.488 | 2.225 | 2.652 | 2.247 | 2.327 | 1.414 | 1.832 | 2.703 | 1.628 | 0.001 |