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A REVIEW OF ANTHROPOMETRIC DATA OF GERMAN AIR FORCE AND UNITED STATES AIR FORCE FLYING PERSONNEL 1967-1968

H. J. Grunhofer, et al

Advisory Group for Aerospace Research and Development
Paris, France

April 1975

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A Review of Anthropometric Data of German Air Force and United States Air Force Flying Personnel 1967-1968

Edited by

H.J.Grunhofer and G.Kroh

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15. Abstract

The present study contains anthropometric data of GAF and USAF flying personnel.

The hitherto unpublished data of German Air Force flying personnel were taken from measurement programs performed in 1967 and 1968 by a team of the German Air Force Institute of Aviation Medicine, Fürstenfeldbruck, Germany, (GAF IAM). They include 153 different body dimensional data of more than 1400 subjects.

The data for USAF flying personnel were taken from measurements of 2420 subjects in 1967. The results of this measurement series, which so far have not been published, have been provided by F.Churchill. These data represent the latest state of anthropometric surveys of American flying personnel.

It is expected that the close cooperation between the GAF and the USAF, which made this comparison of anthropometric data possible, will yield further engineering and scientific benefits to the Air Forces concerned and to Aviation Industry.

A comparison of anthropometric data requires that the individual dimensions be measured by the same method. To assure this, the GAF IAM team used equipment, definitions and procedures according to Hertzberg.

Both data collections were obtained from preselected personnel and therefore they are not representative of the whole male population of the respective country; however, the results are representative of the reference collectives.

For each body dimension the following detailed informations are given:
- The definition, written and illustrated, of body dimension to be measured
- The frequency of certain ranges
- A breakdown of GAF and USAF data in percentile, permitting comparison
- Essentials on the statistics of data distribution.

To facilitate further anthropometric studies the correlation matrix of GAF data has been added in the appendix. The tables contain the correlation coefficients of any anthropometric body dimension with any other listed in this study.

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A REVIEW OF ANTHROPOMETRIC DATA OF GERMAN AIR FORCE AND UNITED STATES AIR FORCE FLYING PERSONNEL 1967 – 1968

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Many persons were engaged in the accomplishment of this study. Unfortunately the names of all of them cannot be cited here. It is for this reason that our thanks for their cooperation go to all concerned, without whom this project could not have been completed.

We are especially indebted to Mr F.Churchill for the statistical evaluation of the German data and for his generous support in compiling the study.

We are grateful to AGARD and to Mr H.T.E.Hertzberg and his collaborators for authorization to use sketches and definitions of defined distances, since this has greatly facilitated our work.

In this context we should also express our thanks and compliments to Mrs M.J.Kennedy who originally has prepared the artwork now gratefully included in this publication.

Since we are unable to thank every member of the surveying team of the German Air Force Institute of Aviation Medicine, Fürstenfeldbruck, Germany, we should like to mention as representatives Dr Ebeling, Brig.Gen., GAF, MC and Dr Abernethy, Lt Col., GAF, MC, under whose direction the anthropometric survey was conducted.

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INTRODUCTION

The present study contains anthropometric data of GAF and USAF flying personnel†.

The hitherto unpublished data of German Air Force flying personnel were taken from measurement programs performed in 1967 and 1968 by a team of the German Air Force Institute of Aviation Medicine, Fürstenfeldbruck, Germany, (GAF IAM). They include 153 different body dimensional data of more than 1400 subjects.

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It is expected that the close cooperation between the GAF and the USAF, which made this comparison of anthropometric data possible, will yield further engineering and scientific benefits to the Air Forces concerned and to Aviation Industry.

A comparison of anthropometric data requires that the individual dimensions be measured by the same method. To assure this, the GAF IAM team used equipment, definitions and procedures according to Hertzberg[1].

Both data collections were obtained from preselected personnel and therefore they are not representative of the whole male population of the respective country; however, the results are representative of the reference collectives.

The 10 tables marked with * refer to body dimensions, in which sampling errors could not be safely excluded.

For each body dimension the following detailed informations are given:

The definition, written and illustrated, of body dimension to be measured

The frequency of certain ranges

A breakdown of GAF and USAF data in percentile, permitting comparison

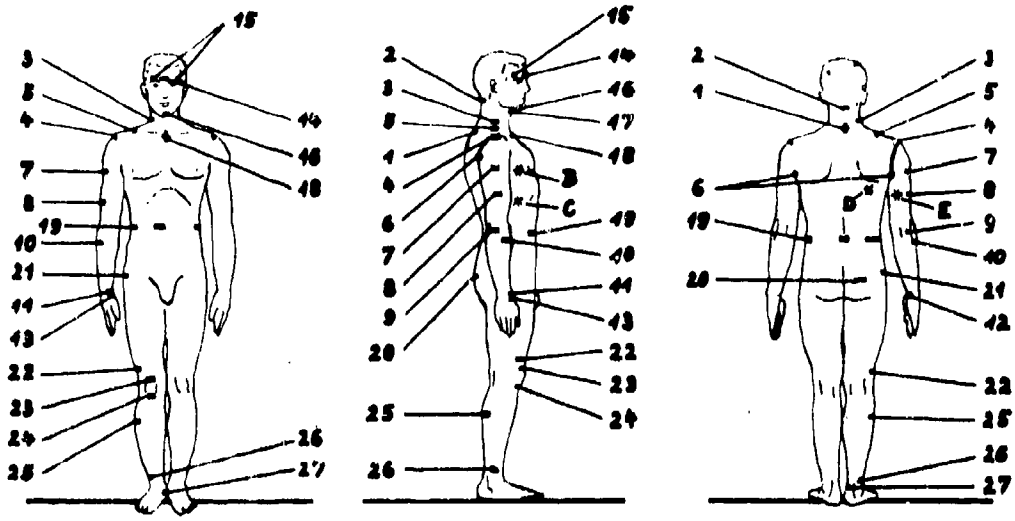
Essentials on the statistics of data distribution.

To facilitate further anthropometric studies the correlation matrix of GAF data has been added in the appendix. The tables contain the correlation coefficients of any anthropometric body dimension with any other listed in this study.

† In several percentile tables the column for USAF data has been left blank since equivalent data were not available.

§ Director Anthropology Research Project, Webb Associates, Yellow Springs, Ohio.

LANDMARKS



Landmarks and skinfold locations:

Numbers designating landmarks are not to be confused with dimension numbers on the Visual Index.
Skinfold sites are designated by letters (B,C,D,E). *)

Landmarks

1. Cervicale
2. Nuchale
3. Neck Point
4. Acromiale
5. Mid.-Shoulder
6. Scye (r.&l.)
7. Deltoid (r.)
8. Biceps Circ. Level (r.)
9. Radiale (r.)
10. Lower Arm Circ. Level (r.)
11. Stylion (r.)
12. Base of Hand (r.)
13. Base of Thumb (r.)
14. Glabella
15. Min. Frontal Points (r.&l.)
16. Menton
17. Anterior Neck Point
18. Suprasternale
19. Waist Height- Omphalion
20. Buttock Height (r.)
21. Trochanterion (r.&l.)
22. Lower Thigh Level (r.)
23. Patella, Top (r.)
24. Patella, Bottom (r.)
25. Calf Height (r.)
26. Ankle Height (r.)
27. Sphyrion (r.)

Skinfold locations

B. Juxta-Nipple
C. Mid-Axillary Line-Xiphoid
D. Subscapular
E. Triceps

*) All sketches were taken from: HERTZBERG, H.T.E. et al.: Anthropometric Survey of Turkey, Greece and Italy, AGARDograph 73 (Ref. 1)

Definition of the Landmarks

Numbers designating landmarks are not to be confused with dimension numbers on the Visual Index.

1. CERVICALE: the skin protrusion overlying the tip of the spinous process of the 7th cervical vertebra. Mark a cross so that its center falls directly over the landmark.

2. NUCHALE: the lowest point in the midsagittal plane of the occiput that can be palpated amid the nuchal muscles. Mark the level by a short horizontal line. The line may be obscured by the hair, but is easily found by lifting the hair with the fingers.

3. NECK POINT: from behind the subject, mark the point where the large muscle of the back of the right shoulder (trapezius) joins the column of the neck.

4. ACROMIALE: the highest point above the floor that can be palpated on the lateral edge of the acromial spine of the scapula. Draw a short horizontal line through the point on both shoulders.

5. MID-SHOULDER: a point mid-way, as judged by eye, between Neck Point and Acromiale. Draw a short antero-posterior line.

6. SCYE (right and left): the upper end of the vertical posterior axillary fold or furrow leading to the smooth juncture of the arm and back. Mark both the right and left points with a short vertical line so that the bottom of the line coincides with the top of the furrow. These points are made more visible photographically by also drawing a short horizontal line through each point. From the right scye point draw a "great circle" line i.e., the shortest distance to right Acromiale.

7. DELTOID (right): below the deltoid muscle, just where the muscle disappears from view, draw a line perpendicular to the long axis of the upper right arm.

8. BICEPS CIRCUMFERENCE LEVEL (right): the level of maximum protrusion of the biceps muscle when the subject bends his elbow to a right angle, holds his upper arm horizontal, and tenses the biceps to make a maximum "fist". Mark with a line perpendicular to the long axis of the upper arm.

9. RADIALE (right): the most proximal lateral edge of the radius. Palpate with the thumb under the small dimple usually overlying radiale, and mark with a short line perpendicular to the long axis of the forearms.

10. LOWER ARM CIRCUMFERENCE LEVEL (right): the level of maximum protrusion of the forearm (brachio-radialis) muscle when the subject bends his arm to a right angle, while making a maximum fist. Mark the level with a line perpendicular to the long axis of the forearm.

11. STYLION (right): the most distal point of the radius. Palpate with the thumb nail and mark the level with a line perpendicular to the long axis of the forearm.

12. BASE OF HAND (right): the line of demarcation between the hand and the lower arm. Draw a line on the medial surface of the wrist, perpendicular to the long axis of the forearm, over the proximal edge of the navicular bone. This line usually coincides with the skin furrow at the proximal edge of the palm.

13. BASE OF THUMB (right): the point where the extended Base of Hand line intersects the radial border of the wrist.

14. GLABELLA: the most anterior point in the mid-line of the forehead between the browridges. Mark with a short horizontal line.

15. MINIMUM FRONTAL POINTS (right and left): the points of greatest indentation medially of the temporal crests of the frontal bone. These are best located by palpating both sides simultaneously with the index fingers. Mark each with a short vertical line.

16. MENTON: the lower edge of the tip of the chin in the midsagittal plane. Mark with a short horizontal line.

17. ANTERIOR NECK POINT: the junction in the midsagittal plane of the under surface of the jaw with the column of the neck. Mark with a short horizontal line. The point is sometimes obscured by fat.

18. SUPRASTERNALE: the lowest point of the notch in the upper anterior edge of the sternum or breastbone. Mark with a cross whose center directly overlies the point.

19. WAIST HEIGHT-OMPHALION: the horizontal plane through omphalion, or the middle of the umbilicus. Hold a tape outstretched behind the subject, place its upper edge in the plane of the center of the navel, and

carefully wrap the tape about the subject's waist. Clasp both ends of the tape in one hand so that it is snug about his flesh but not compressing it, and use the tape as a straight-edge to mark the waist with short horizontal lines on both sides and front and rear, especially directly over the spine; and prolong the line rearwards from the right side about 15 cm, so as to extend it above the middle of the right buttock.

(a) If the tape is drawn too snugly, the marks will often be pulled out of the horizontal plane of the umbilicus. Inspect each subject before passing him on; if the lines are not in the correct plane, erase and relocate them.

(b) In some subjects, the umbilicus will be found to be appreciably out of place, either above or well below the normal location.

(c) It had been originally intended also to mark Waist Height 1950, as it had been taken on U.S. flying personnel (Hertzberg et al., 1954), and Waist Height Iliocristale, the height of the superior iliac crest, to obtain a comparison of those several planes. After the Survey started, these two were abandoned as being too difficult to find and too time-consuming to differentiate.

20. **BUTTOCK HEIGHT (right)**: the level of the maximum posterior protrusion of the buttock. Select the level by eye from the right side, and mark with a short horizontal line.

21. **TROCHANTERION (right and left)**: the top edge of the lateral protrusion of the femoral trochanter. This point must be palpated for accuracy. Mark with a short horizontal line.

22. **LOWER THIGH LEVEL (right)**: the level above the knee of the lower edge of the lateral vastus muscle, when the thigh is relaxed. Mark with a short horizontal line.

23. **PATELLA, TOP (right)**: the level of the top edge of the patella when the leg is relaxed. Hold the bottom edge lightly to prevent patellar motion during the procedure, and mark with a short horizontal line on the front surface of the knee.

24. **PATELLA, BOTTOM (right)**: the level of the bottom edge of the patella when the leg is relaxed. Hold the top edge lightly to prevent patellar motion during the procedure, and mark with a short horizontal line on the front surface of the knee.

    (a) (for Patella, Top and Bottom, both): subjects are often tense during marking. The knee must be relaxed, or it may be impossible to locate the edges of the patella with certainty, especially if the subject is muscular. It usually helps to have the subject take his weight off the leg, bend the knee to relax it, and then gently put his weight on both legs again.

    (b) For the information of those who will use the photographs: because not all subjects could relax their knee-caps, the marker could not always be certain of the location of the upper and lower patellar edges. Those subjects whose patellas he was certain of were marked with a vertical line connecting the lateral ends of the upper and lower horizontal lines, producing a box-like mark enclosing the knee area. Of the others he was uncertain.

25. **CALF HEIGHT (right)**: the level of the maximum circumference of the calf. Select that level by eye from the right side, and mark with a short horizontal line.

26. **ANKLE HEIGHT (right)**: the level of the minimum circumference of the lower leg. Select that level by eye from the right side, and mark with a short horizontal line.

27. **SPHYRION (right)**: the level of the most distal extension of the tibia on the medial side of the foot. Palpate the level with the index finger from the front, and mark with a horizontal line long enough to be visible on the front surface of the foot.

VISUAL INDEX

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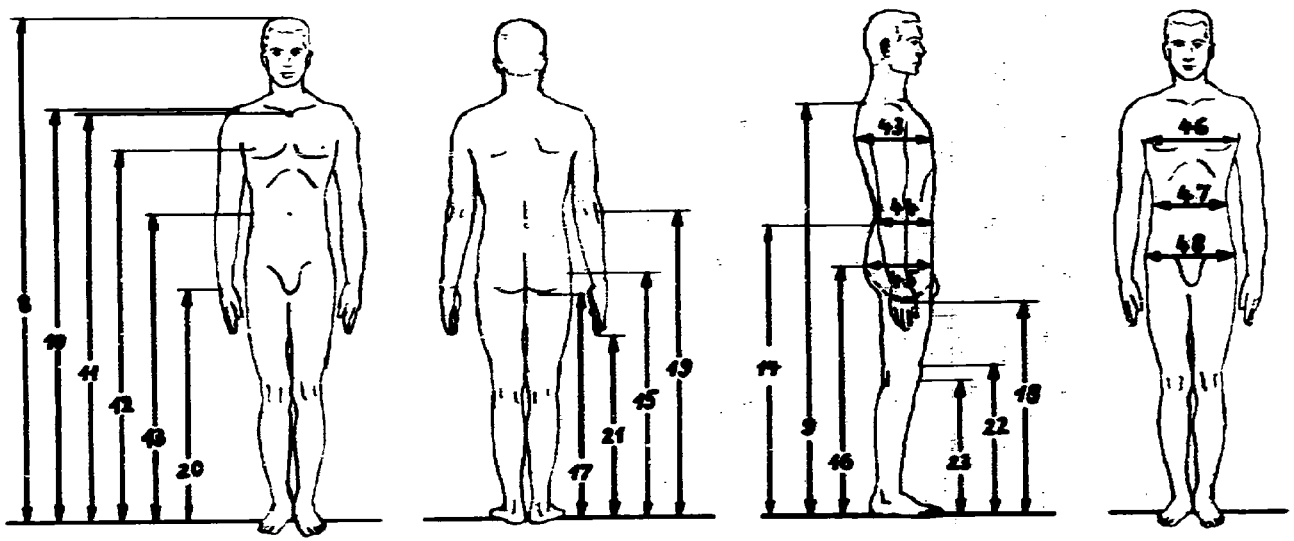
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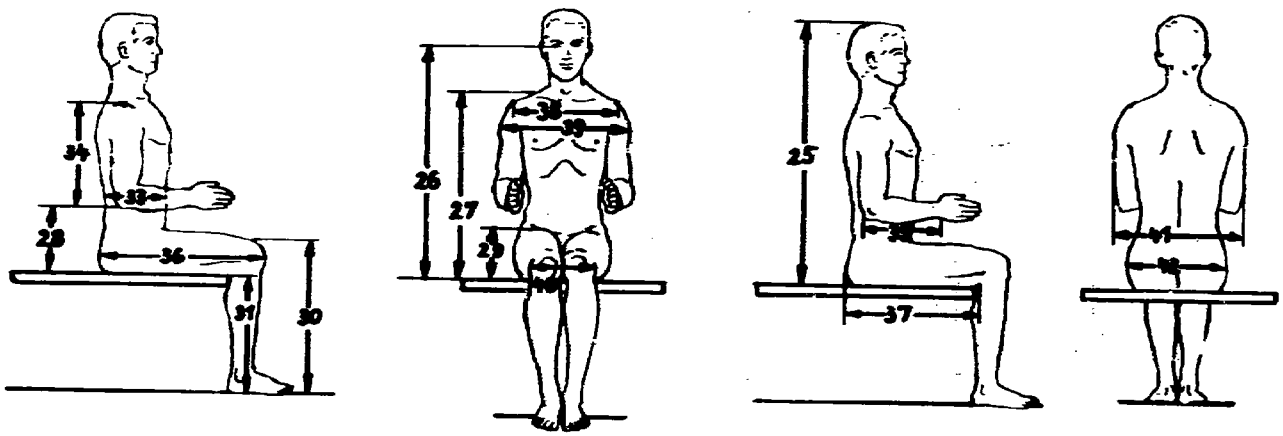
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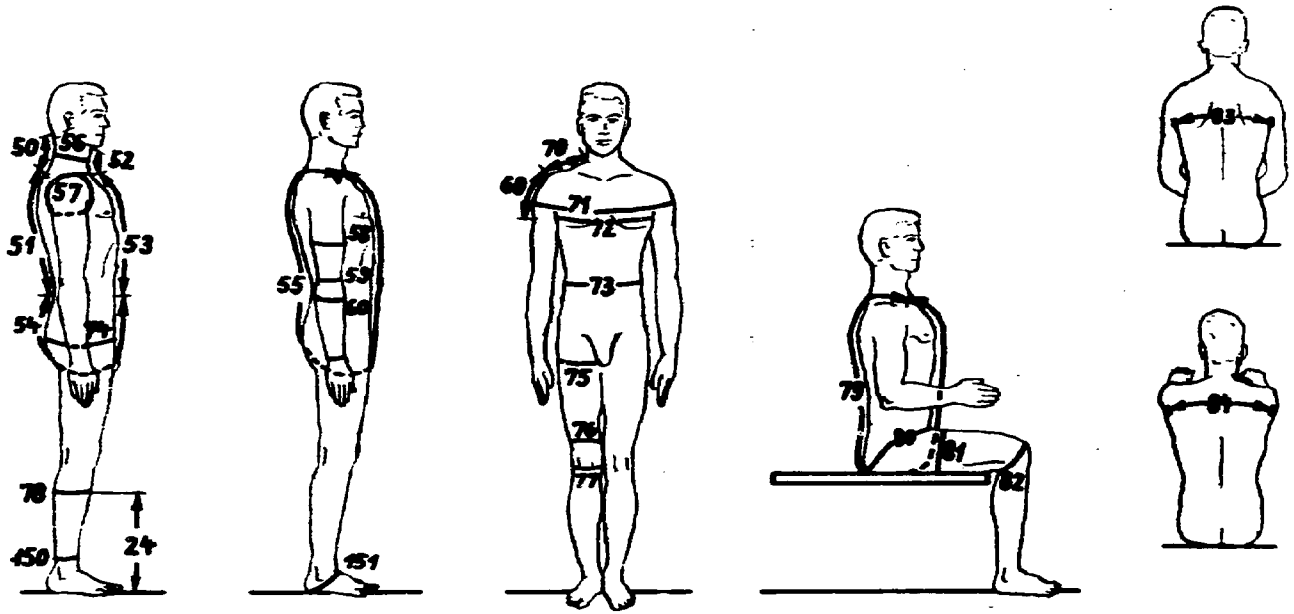
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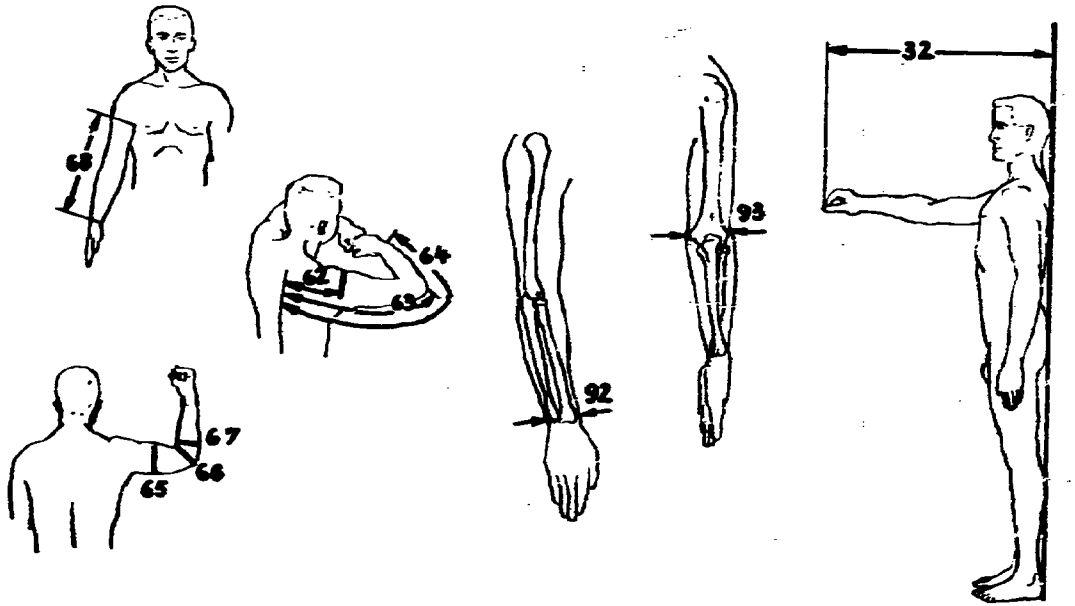
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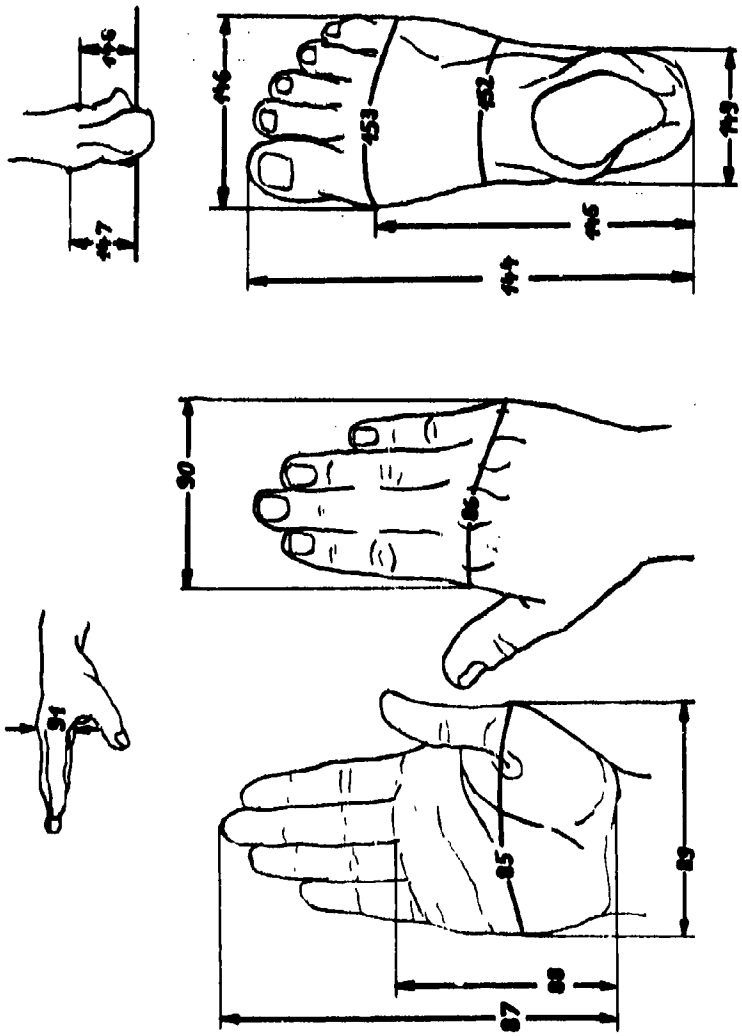
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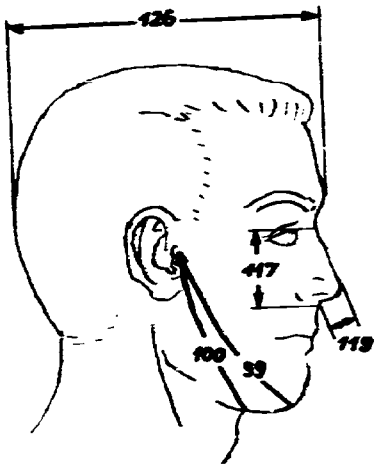
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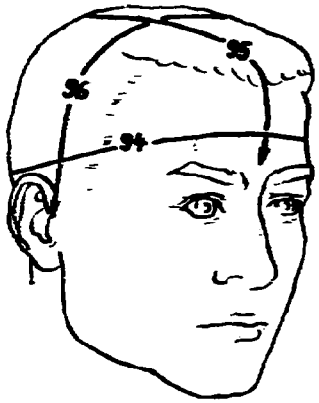
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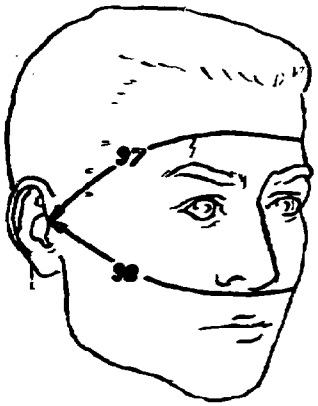
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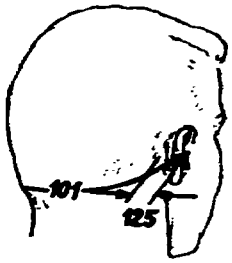
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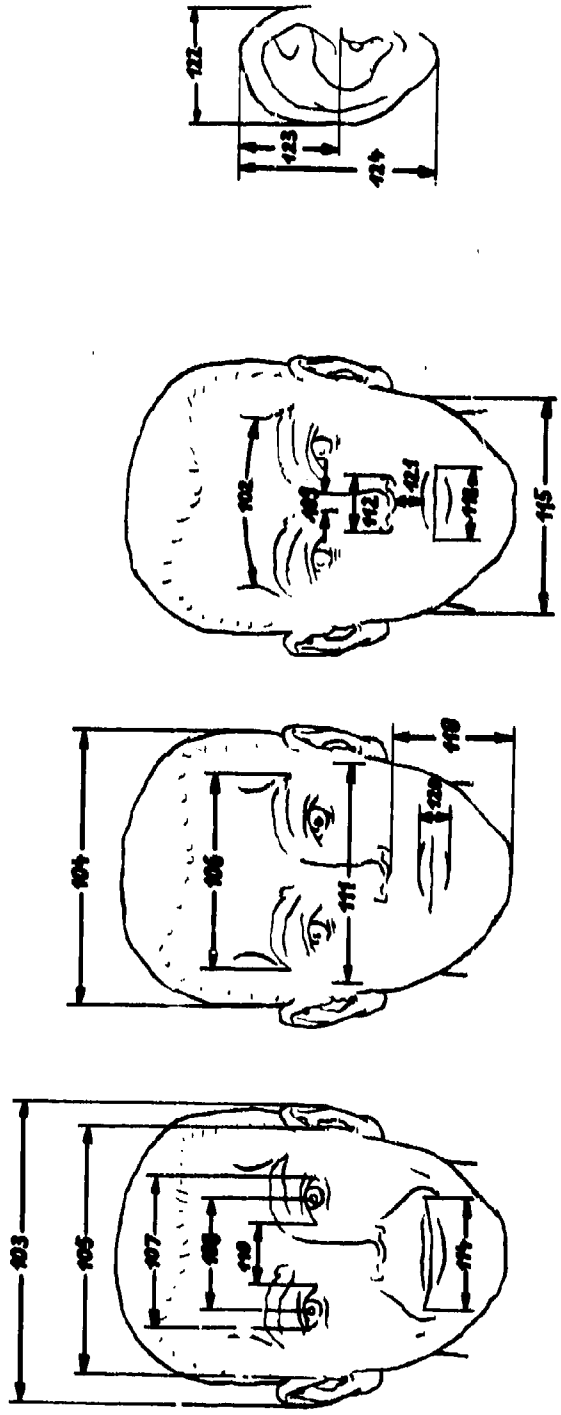
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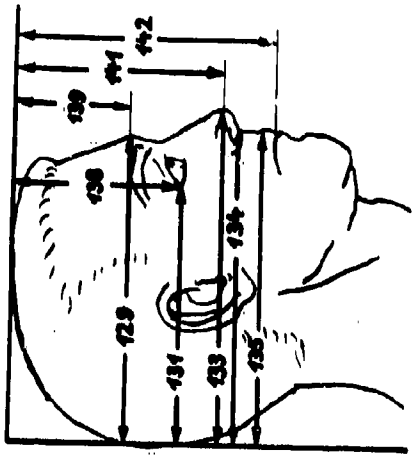
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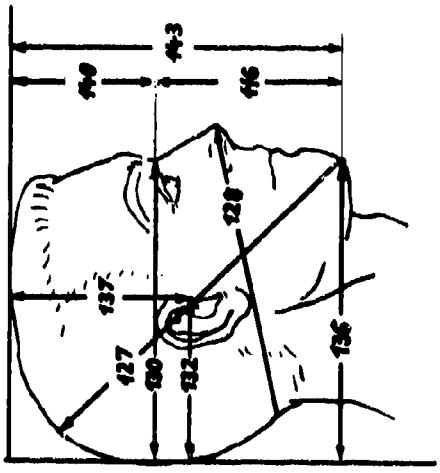
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GLOSSARY

ABDOMINAL - pertaining to the abdomen, particularly the region below the rib cage and above the pelvis.

ACROMIAL - pertaining to acromion, a point on the shoulder, which is also called acromiale.

ACROMIALE - the highest point on the lateral edge of the acromial process of the scapula; also called acromion.

ANKLE HEIGHT - the height of the marked point indicating the smallest horizontal circumference of the ankle.

ANTERIOR - pertaining to the front of the body.

ANTERIOR NECK POINT - the point in the midsagittal plane where the ascending column of the neck intersects the horizontal flesh under the jaw. This point may be obscured by fat.

AURICULAR - pertaining to the ear.

AXILLARY - pertaining to the region of the axilla or armpit.

BASE OF HAND - the line of demarcation drawn between the hand and the lower arm. This line usually coincides with the skin crease at the proximal edge of the palm.

BASE OF THUMB - the point at which the extended base of the hand line intersects the radial border of the wrist.

BICEPS - the large muscle on the anterior side of the upper arm.

BROW RIDGES - the bony elevations, just above the orbits, on the frontal bone of the skull.

BUTTOCK HEIGHT - the height of the landmark that indicates the maximum posterior protrusion of the right buttock.

CALF HEIGHT - the height of the landmark that indicates the maximum circumference of the right calf.

CANTHUS - the corner or angle formed by the meeting of the eyelids.

CERVICALE - the protrusion of the spinal column at the base of the neck, caused by the dorsal tip of the spine of the 7th cervical vertebra.

CORONAL PLANE - a vertical, lateral plane parallel to the coronal suture of the skull.

DACTYLION - the point, when the subject stands erect with extended arm and hand by his side, at the distal tip of the middle finger.

DELTOID MUSCLE - the large muscle on the lateral border of the upper arm in the shoulder region.

DISTAL - the end of a body segment farthest from the head; opposed to proximal.

EPICONDYLE - primarily the lateral, but also the medial, protrusion of the humerus at the elbow.

EXTERNAL - away from the midsagittal plane of the body; lateral; opposed to medial.

FRANKFORT PLANE - the standard horizontal plane of orientation of the head, containing tragion and the lowest point of the orbit. This is closely approximated when the subject looks directly forward with his line of vision parallel with the floor.

GLABELLA - the most anterior point of the forehead between the brow ridges, in the midsagittal plane.

GLUTEAL FURROW - the furrow formed by the protrusion of the buttock beyond the back of the leg.

GONIAL ANGLE - the obtuse angle at the back of the lower jaw formed by the intersection of the vertical and horizontal portions of the jaw.

INSEAM - a tailoring term indicating the inside length of sleeve or trouser, measured on the medial side of arm or leg.

INTERNAL - near the midsagittal plane of the body.

KNUCKLE - the joint formed by the meeting of a finger bone (phalanx) with a bone of the palm of the hand (metacarpal).

LATERAL – lying toward the sides of the body; opposed to medial.

LOWER ARM CIRCUMFERENCE LEVEL – the level of maximum protrusion of the brachio-radialis muscle when the arm is flexed, and the subject is making a fist.

LOWER THIGH LEVEL – the level above the knee of the lower edge of the vastus laterals muscle, when the thigh is relaxed.

MALLEOLUS – the bony protrusion, either lateral or medial, of the ankle.

MEDIAL – lying near the midsagittal plane of the body; opposed to lateral.

MENTON – the lowest point of the tip of the chin in the midsagittal plane.

METACARPAL BONE – a bone of the palm of the hand.

METACARPALE – the joint of juncture of a bone of the palm (metacarpal) with the first bone (phalanx) of the finger.

METATARSAL – a bone of the instep of the foot.

MID-SHOULDER – a point on the superior border of the shoulder midway between acromion and the juncture of the neck and shoulder.

MIDPLANE – same as midsagittal plane.

MIDSAGITTAL PLANE – the vertical plane which divides the body into symmetrical right and left sections.

MINIMUM FRONTAL POINTS – the points on the right and left sides of the forehead which immediately overlie the deepest indentation of the temporal crests, just above the lateral ends of the brow ridges.

NASAL ROOT DEPRESSION – the area of greatest indentation where the bridge of the nose meets the forehead.

NASAL SEPTUM – the cartilaginous wall separating the right nostril from the left.

NAVICULAR BONE – the small bone of the hand just distal to the bend of the wrist or the base of the thumb.

NECK POINT – the point marking the intersection of the right side of the neck with the trapezius muscle of the right shoulder. This may be difficult to locate accurately in either corpulent or undeveloped subjects.

NUCHALE – the lowest point in the midsagittal plane of the occiput that can be palpated among the nuchal muscles. This point is often visually obscured by hair.

OCCIPUT – the bone at the back of the skull; the region of the back of the head.

OCULAR – of or pertaining to the eyes.

OMPHALION – the midpoint of the umbilicus or navel.

PATELLA – the kneecap.

PHALANGEAL – pertaining to a phalanx or the phalanges; referring to the fingers or toes.

PHALANX – (plural, phalanges) a bone of the fingers or toes.

PHILTRUM – the vertical groove running from the upper membranous lip to the base of the nasal septum.

POPLITEAL – the hollowed-out region of the leg directly behind the knee, involving both the bottom of the thigh and the top of the calf.

POSTERIOR – pertaining to the back of the body.

PROXIMAL – the end of a body segment nearest the head; opposed to distal.

PUPILLARY – pertaining to the pupil of the eye.

RADIALE – the highest point on the proximal head of the radius, near the midpoint of the elbow joint on the posterior side of the arm.

RADIAL pertaining to the radius.

RADIUS – one of the two bones of the lower arm. This bone extends from the lateral side of the elbow to the wrist at the base of the thumb.

SCYE – the point marking the upper end of the posterior axillary fold, either right or left, which is the furrow formed by the juncture of the upper arm and upper back.

SITS ERECT – subject sits on a flat horizontal surface, his weight distributed equally, with his back held in and his shoulders held back. This position requires holding the torso straight, but not rigid.

SPHYRION – the most distal point on the tibia; it lies at the tip of the malleolar process.

STANDS ERECT – subject stands on a flat surface, his weight distributed equally, with his back held in and his shoulders held back and his legs fully straightened. This position requires holding the body straight but not rigid

STOMION – the point of contact in the midsagittal plane between the upper and lower lips.

STYLION – the point at the anterior distal end of the radius.

SUBMANDIBULAR – pertaining to the region under the mandible or lower jaw.

SUBNASALE – the point where the base of the nasal septum meets the philtrum.

SUPRASTERNALE – the lowest point in the notch in the upper edge of the breast bone.

TEMPORAL REGION – the area on the side of the head between and above the eyes and ears.

TEMPORAL CREST – a narrow, bony ridge running along the side of the head, curving up from the upper lateral margin of the eye socket, above and past the ear and downward, ending behind the ear. This serves as the area of attachment for the temporal muscles.

TIBIALE – the uppermost point on the medial superior surface of the tibia.

TRAGION – the point located at the notch just above the tragus of the ear. This point corresponds approximately to the upper edge of the ear hole.

TRAGUS – the small cartilaginous flap of flesh in front of the ear hole.

TROCHANTERION – the top of the bony lateral protrusion of the proximal end of the femur.

ULNA – one of the two bones of the lower arm; this bone runs from the tip of the elbow to the wrist on the same side as the little finger.

VERTEX the top of the head in the midsagittal plane when the head is held in the Frankfort plane.

WAIST HEIGHT-OMPHALION – the height of the horizontal plane through omphalion, or the middle of the umbilicus.

ZYGOMATIC ARCH the bony arch extending horizontally along the side of the head from the cheekbone (malar) nearly to the external ear.

THE DATA

NO. 1 SUMMARY STATISTICS AND FREQUENCY TABLES FOR WEIGHT

NUDE WEIGHT

RANGES (KG)		F	CUMF	FPCT	CUMPCT
100.25-	103.24	2	1465	.14	100.00
97.25-	100.24	4	1463	.27	99.86
94.25-	97.24	8	1459	.55	99.59
91.25-	94.24	21	1451	1.43	99.04
88.25-	91.24	53	1430	3.62	97.61
85.25-	88.24	87	1377	5.97	93.99
82.25-	85.24	115	1310	7.85	89.42
79.25-	82.24	152	1195	10.38	81.57
76.25-	79.24	152	1043	12.42	71.19
73.25-	76.24	203	861	13.86	58.77
70.25-	73.24	223	658	15.22	44.91
67.25-	70.24	163	435	11.13	29.69
64.25-	67.24	136	272	9.28	18.57
61.25-	64.24	84	136	5.73	9.28
58.25-	61.24	35	52	2.39	3.55
55.25-	58.24	12	17	.82	1.16
52.25-	55.24	5	5	.34	.34

PERCENTILES

KILOGRAMS GAF	KILOGRAMS USAF		POUNDS GAF	POUNDS USAF
94.12	103.29	99TH	207.07	227.72
92.13	100.22	98TH	202.68	220.94
90.76	98.26	97TH	199.68	216.62
88.82	95.50	95TH	195.41	210.79
85.69	91.55	90TH	188.51	201.63
83.52	88.96	85TH	183.74	195.91
81.79	86.78	80TH	179.94	191.31
80.30	85.01	75TH	176.66	187.40
78.97	83.45	70TH	173.74	183.97
77.75	82.03	65TH	171.06	180.84
76.61	80.70	60TH	168.54	177.91
75.52	79.44	55TH	166.14	175.17
74.45	78.21	50TH	163.78	172.42
73.39	76.99	45TH	161.47	169.74
72.35	75.79	40TH	159.16	167.06
71.28	74.56	35TH	156.82	164.37
70.18	73.28	30TH	154.40	161.56
69.02	71.92	25TH	151.85	158.58
67.75	70.43	20TH	149.06	155.27
66.33	68.73	15TH	145.94	151.53
64.61	66.63	10TH	142.17	146.59
62.16	63.57	5TH	136.80	140.15
60.68	61.61	3RD	133.51	135.42
59.61	60.16	2ND	131.15	132.43
57.97	57.37	1ST	127.54	127.58

SUMMARY STATISTICS

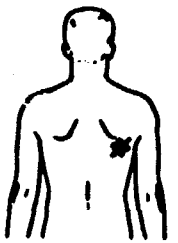
KILOGRAMS		POUNDS
74.83	MEAN	164.63
5.11	SD DEV	17.84

SYMMETRY-BETA I= .21
KURTOSIS-BETA II= 2.90
COEF. OF VAR. = 10.84
NUMBER OF SUBJ. = 1465

NO. 2 SUMMARY STATISTICS AND FREQUENCY TABLES FOR SUBSCAPULAR SKINFOLD

THE THICKNESS OF A SKINFOLD PICKED UP JUST BELOW THE INFERIOR ANGLE OF THE RIGHT SCAPULA AND PARALLEL TO THE TENSION LINES OF THE SKIN

RANGES (CM)		F	CUMF	FPCT	CUMPCT
4.85-	4.24	1	1465	.07	100.00
3.85-	4.84	6	1464	.40	99.93
3.65-	3.84	8	1464	.55	99.93
3.45-	3.64	1	1464	.07	99.93
3.25-	3.44	6	1463	.40	99.86
3.05-	3.24	1	1463	.07	99.86
2.85-	3.04	8	1462	.40	99.80
2.65-	2.84	3	1462	.20	99.80
2.45-	2.64	8	1459	.55	99.59
2.25-	2.44	14	1451	.96	99.04
2.05-	2.24	38	1437	2.59	98.09
1.85-	2.04	76	1407	5.19	95.50
1.65-	1.84	66	1369	4.51	93.46
1.45-	1.64	108	1303	7.37	88.94
1.25-	1.44	178	1195	12.15	81.57
1.05-	1.24	302	1017	20.61	69.42
.85-	1.04	182	715	12.42	48.81
.65-	.84	257	533	17.54	36.38
.45-	.64	217	276	14.81	18.84
.25-	.44	59	59	4.03	4.03



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
2.65	3.07	99TH	.97	1.21
2.24	2.93	95TH	.89	1.10
2.11	2.63	97TH	.83	1.04
1.95	2.41	95TH	.77	.98
1.71	2.18	90TH	.67	.83
1.56	1.98	85TH	.62	.78
1.45	1.76	80TH	.57	.69
1.36	1.64	75TH	.53	.64
1.26	1.54	70TH	.50	.61
1.20	1.46	65TH	.47	.57
1.14	1.38	60TH	.45	.54
1.08	1.31	55TH	.42	.52
1.02	1.25	50TH	.40	.49
.98	1.19	45TH	.38	.47
.90	1.13	40TH	.36	.45
.85	1.08	35TH	.33	.42
.79	1.03	30TH	.31	.41
.73	.93	25TH	.29	.38
.67	.82	20TH	.26	.35
.61	.77	15TH	.24	.34
.54	.71	10TH	.21	.32
.45	.73	5TH	.19	.29
.41	.59	3RD	.16	.27
.39	.65	2ND	.16	.26
.38	.59	1ST	.15	.23

SUMMARY STATISTICS

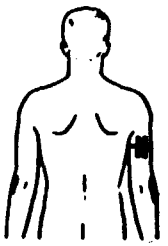
CENTIMETERS		INCHES
1.08	MEAN	.43
.47	SD DEV	.18

SYMMETRY-BETA I= 1.81
KURTOSIS-BETA II= 8.12
COEF. OF VAR. = 43.86
NUMBER OF SUBJ. = 1469

NO. 3 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
TRICEPS SKINFOLD

THE THICKNESS OF A SKINFOLD PICKED UP PARALLEL TO THE LONG AXIS OF THE UPPER ARM AT THE LEVEL MIDWAY BETWEEN ACROMION AND THE TIP OF THE RIGHT UPPER ARM

RANGES (CM)		F	CUMF	FPCT	CUMPCT
3.75-	3.94	1	1465	.07	100.00
3.55-	3.74	0	1464	.00	99.93
3.35-	3.54	1	1464	.07	99.93
3.15-	3.34	0	1463	.00	99.86
2.95-	3.14	0	1463	.00	99.86
2.75-	2.94	0	1463	.00	99.86
2.55-	2.74	2	1463	.14	99.86
2.35-	2.54	5	1461	.34	99.73
2.15-	2.34	16	1456	1.09	99.39
1.95-	2.14	27	1440	1.84	98.29
1.75-	1.94	22	1413	1.50	96.45
1.55-	1.74	69	1391	4.71	94.95
1.35-	1.54	111	1322	7.58	90.24
1.15-	1.34	234	1211	15.97	82.66
.95-	1.14	221	977	15.09	66.69
.75-	.94	198	756	13.51	51.60
.55-	.74	246	561	16.79	38.29
.35-	.54	289	321	19.73	21.91
.15-	.34	32	32	2.18	2.18



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
2.27	2.65	99TH	.89	1.04
2.11	2.47	98TH	.83	.97
2.00	2.36	97TH	.79	.93
1.76	2.21	95TH	.69	.87
1.54	1.97	90TH	.61	.78
1.40	1.82	85TH	.55	.72
1.30	1.70	80TH	.51	.67
1.27	1.67	75TH	.50	.63
1.18	1.51	70TH	.47	.60
1.13	1.43	65TH	.45	.56
1.07	1.36	60TH	.42	.53
1.00	1.29	55TH	.39	.51
.92	1.22	50TH	.36	.48
.84	1.15	45TH	.33	.45
.77	1.09	40TH	.30	.43
.71	1.02	35TH	.28	.40
.64	.96	30TH	.25	.38
.59	.89	25TH	.23	.35
.53	.82	20TH	.21	.32
.49	.74	15TH	.19	.29
.45	.65	10TH	.18	.26
.39	.53	5TH	.15	.21
.35	.47	3RD	.14	.19
.34	.44	2ND	.13	.17
.29	.39	1ST	.11	.15

SUMMARY STATISTICS

CENTIMETERS		INCHES
.96	MEAN	.38
.45	SD DEV	.18

SYMMETRY-BETA I= .95
KURTOSIS-BETA II= 4.75
COEF. OF VAR. = 46.83
NUMBER OF SUBJ. = 1465

NO. 4 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
JUXTANIPPLE SKINFOLD

THE THICKNESS OF A SKINFOLD PICKED UP JUST SUPERIOR TO THE RIGHT NIPPLE AND PARALLEL TO THE LATERAL MARGIN OF THE PECTORAL MUSCLE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
4.35-	4.54	1	1465	.07	100.00
4.15-	4.34	0	1464	.00	99.93
3.95-	4.14	0	1464	.00	99.93
3.75-	3.94	1	1464	.07	99.93
3.55-	3.74	0	1463	.00	99.86
3.35-	3.54	3	1463	.20	99.86
3.15-	3.34	7	1460	.48	99.66
2.95-	3.14	7	1453	.48	99.18
2.75-	2.94	5	1446	.34	98.70
2.55-	2.74	15	1441	1.02	98.36
2.35-	2.54	16	1426	1.09	97.34
2.15-	2.34	34	1410	2.32	96.25
1.95-	2.14	48	1376	3.28	93.92
1.75-	1.94	54	1328	3.69	90.65
1.55-	1.74	80	1274	5.46	86.96
1.35-	1.54	116	1194	7.92	81.50
1.15-	1.34	188	1078	12.83	73.58
.95-	1.14	124	890	8.46	60.75
.75-	.94	127	766	8.67	52.29
.55-	.74	219	639	14.95	43.62
.35-	.54	352	420	24.03	28.67
.15-	.34	68	68	4.64	4.64

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
3.04	3.13	99TH	1.20	1.23
2.66	2.34	98TH	1.05	1.18
2.51	2.80	97TH	.99	1.10
2.21	2.61	95TH	.87	1.03
1.89	2.18	90TH	.75	.91
1.65	2.09	85TH	.65	.82
1.50	1.93	80TH	.59	.76
1.38	1.79	75TH	.54	.70
1.29	1.67	70TH	.51	.66
1.21	1.55	65TH	.48	.61
1.13	1.45	60TH	.45	.57
1.02	1.36	55TH	.40	.53
.88	1.26	50TH	.35	.50
.78	1.17	45TH	.31	.46
.69	1.09	40TH	.27	.43
.63	1.00	35TH	.25	.39
.57	.92	30TH	.22	.36
.52	.83	25TH	.20	.33
.47	.74	20TH	.19	.29
.43	.65	15TH	.17	.26
.39	.56	10TH	.18	.22
.35	.45	5TH	.14	.18
.31	.40	3RD	.12	.16
.29	.38	2ND	.11	.15
.27	.37	1ST	.10	.14

SUMMARY STATISTICS

CENTIMETERS		INCHES
1.04	MEAN	.41
.63	SD DEV	.25

SYMMETRY-BETA I= 1.16
KURTOSIS-BETA II= 4.46
COEF. OF VAR. = 60.64
NUMBER OF SUBJ. = 1465

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NO. 5 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
MIDAXILLARY LINE AT XIPHOID SKINFOLD

THE THICKNESS OF A SKINFOLD PICKED UP AT THE XIPHOID LEVEL IN THE RIGHT MIDAXILLARY LINE

RANGES (CM)		F	CUMF	PERCT	CUMPCT
4.15-	4.34	1	1465	.07	100.00
3.95-	4.14	1	1464	.07	99.93
3.75-	3.94	0	1463	.00	99.86
3.55-	3.74	5	1463	.34	99.86
3.35-	3.54	2	1458	.14	99.52
3.15-	3.34	3	1456	.20	99.38
2.95-	3.14	5	1453	.34	99.18
2.75-	2.94	10	1448	.68	98.84
2.55-	2.74	18	1438	.82	98.16
2.35-	2.54	21	1420	1.43	97.34
2.15-	2.34	36	1399	2.46	95.91
1.95-	2.14	46	1363	3.14	93.45
1.75-	1.94	71	1317	4.85	90.31
1.55-	1.74	114	1246	7.78	85.46
1.35-	1.54	136	1132	9.28	77.68
1.15-	1.34	190	996	12.97	68.40
.95-	1.14	156	812	10.65	55.43
.75-	.94	121	656	8.26	44.78
.55-	.74	220	535	15.02	36.52
.35-	.54	285	315	19.45	21.50
.15-	.34	30	30	2.05	2.05

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
3.00	2.88	99TH	1.18	1.13
2.72	2.64	98TH	1.07	1.04
2.50	2.49	97TH	.98	.98
2.25	2.29	95TH	.89	.90
1.93	2.00	90TH	.76	.79
1.74	1.80	85TH	.68	.71
1.60	1.66	80TH	.63	.65
1.49	1.53	75TH	.59	.60
1.38	1.43	70TH	.54	.56
1.29	1.34	65TH	.51	.53
1.22	1.25	60TH	.48	.49
1.14	1.18	55TH	.45	.46
1.07	1.10	50TH	.42	.43
.96	1.03	45TH	.38	.41
.82	.97	40TH	.32	.38
.73	.90	35TH	.29	.35
.65	.84	30TH	.26	.33
.59	.77	25TH	.23	.30
.54	.71	20TH	.21	.28
.49	.64	15TH	.19	.25
.44	.56	10TH	.17	.22
.38	.46	5TH	.15	.19
.36	.43	3RD	.14	.17
.35	.41	2ND	.14	.16
.30	.38	1ST	.12	.15

SUMMARY STATISTICS

CENTIMETERS		INCHES
1.12	MEAN	.44
.62	SD DE.	.24

SYMMETRY-BETA I= 1.85
KURTOSIS-BETA II= 4.43
COEF. OF VAR. = 55.41
NUMBER OF SUBJ. = 1465

NO. 6 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SUPRAILIAC SKINFOLD

THE THICKNESS OF A SKINFOLD PICKED UP IN THE RIGHT MIDAXILLARY LINE AT LEVEL OF THE CREST OF THE ILIUM AND FOLLOWING THE BORDER OF THE CREST

RANGES (CM)		F	CUMF	PERCT	CUMPCT
3.95-	4.14	1	1464	.07	100.00
3.75-	3.94	0	1463	.00	99.93
3.55-	3.74	3	1463	.20	99.93
3.35-	3.54	1	1460	.07	99.73
3.15-	3.34	2	1459	.14	99.66
2.95-	3.14	5	1457	.34	99.52
2.75-	2.94	10	1452	.68	99.18
2.55-	2.74	18	1442	1.23	98.50
2.35-	2.54	20	1424	1.37	97.27
2.15-	2.34	39	1404	2.66	95.90
1.95-	2.14	63	1365	4.30	93.24
1.75-	1.94	67	1302	4.58	88.93
1.55-	1.74	88	1235	6.01	84.36
1.35-	1.54	111	1149	7.58	78.48
1.15-	1.34	202	1038	13.80	70.90
.95-	1.14	149	836	10.18	57.10
.75-	.94	130	687	8.88	46.92
.55-	.74	226	557	15.44	38.05
.35-	.54	279	331	19.06	22.61
.15-	.34	52	52	3.55	3.55

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
2.84		99TH	1.12	
2.64		98TH	1.04	
2.50		97TH	.98	
2.30		95TH	.91	
1.98		90TH	.78	
1.77		85TH	.70	
1.61		80TH	.63	
1.47		75TH	.59	
1.35		70TH	.53	
1.24		65TH	.49	
1.15		60TH	.45	
1.06		55TH	.42	
.97		50TH	.38	
.89		45TH	.35	
.82		40TH	.32	
.75		35TH	.29	
.68		30TH	.27	
.61		25TH	.24	
.54		20TH	.21	
.48		15TH	.19	
.41		10TH	.16	
.34		5TH	.13	
.31		3RD	.12	
.30		2ND	.12	
.29		1ST	.11	

SUMMARY STATISTICS

CENTIMETERS		INCHES
1.10	MEAN	.43
.62	SD DEV	.24

SYMMETRY-BETA I= .96
KURTOSIS-BETA II= 3.81
COEF. OF VAR. = 56.37
NUMBER OF SUBJ. = 1464

NO. 7 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
DORSAL HAND SKINFOLD

THE THICKNESS OF A SKINFOLD PICKED UP AT THE MIDDLE OF THE BACK OF THE RIGHT HAND AND FOLLOWING THE LONG AXIS OF THE HAND

RANGES (CM)		F	CUMF	PCT	CUMPCT
.35-	.40	15	1465	1.03	100.00
.25-	.30	712	1450	48.79	98.97
.15-	.20	1121	1178	76.82	77.88
.05-	.10	14	14	.96	.96

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
.35		99TH	.14	
.35		98TH	.14	
.34		97TH	.13	
.33		96TH	.13	
.30		95TH	.12	
.29		90TH	.11	
.27		85TH	.11	
.26		80TH	.10	
.25		75TH	.10	
.24		70TH	.09	
.23		65TH	.09	
.22		60TH	.09	
.21		55TH	.08	
.20		50TH	.08	
.20		45TH	.08	
.19		40TH	.08	
.19		35TH	.07	
.18		30TH	.07	
.17		25TH	.07	
.17		20TH	.07	
.16		15TH	.07	
.16		10TH	.06	
.15		5TH	.06	
.15		3RD	.06	
.15		2ND	.06	
.15		1ST	.06	

SUMMARY STATISTICS

CENTIMETERS		INCHES
.22	MEAN	.09
.05	SD DEV	.02

SYMMETRY-BETA I= 1.32
KURTOSIS-BETA II= 4.42
COEF. OF VAR. = 20.79
NUMBER OF SUBJ. = 1467

NO. 8 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
STATURE

THE VERTICAL DISTANCE FROM THE FLOOR TO THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	PCT	CUMPCT
195.75-	197.74	1	1465	.07	100.00
193.75-	195.74	2	1464	.14	99.93
191.75-	193.74	4	1462	.27	99.80
189.75-	191.74	16	1454	1.09	99.52
187.75-	189.74	42	1442	2.87	98.43
185.75-	187.74	58	1400	3.96	95.56
183.75-	185.74	83	1342	5.67	91.60
181.75-	183.74	121	1259	8.26	85.94
179.75-	181.74	129	1138	8.81	77.68
177.75-	179.74	168	1009	11.47	68.87
175.75-	177.74	216	843	14.74	57.54
173.75-	175.74	172	627	11.74	42.80
171.75-	173.74	158	457	10.78	31.19
169.75-	171.74	119	298	8.12	20.34
167.75-	169.74	88	179	6.01	12.22
165.75-	167.74	45	91	3.07	6.21
163.75-	165.74	26	46	1.77	3.14
161.75-	163.74	16	20	1.09	1.37
159.75-	161.74	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
190.72	191.41	99TH	75.09	75.52
189.47	190.21	98TH	74.60	74.89
188.57	189.16	97TH	74.24	74.47
187.25	187.70	95TH	73.72	73.90
185.05	185.41	90TH	72.85	73.00
183.49	183.44	85TH	72.24	72.18
182.22	182.60	80TH	71.74	71.89
181.12	181.57	75TH	71.31	71.47
180.14	180.57	70TH	70.92	71.09
179.23	179.69	65TH	70.56	70.74
178.37	178.85	60TH	70.22	70.41
177.54	178.05	55TH	69.90	70.10
176.73	177.25	50TH	69.58	69.78
175.93	176.46	45TH	69.26	69.47
175.13	175.67	40TH	68.95	69.16
174.31	174.85	35TH	68.62	68.84
173.45	174.00	30TH	68.28	68.50
172.54	173.10	25TH	67.92	68.14
171.55	172.16	20TH	67.54	67.74
170.41	170.98	15TH	67.09	67.28
169.01	169.41	10TH	66.54	66.70
166.97	167.25	5TH	65.74	65.85
165.07	165.85	3RD	65.22	65.29
164.70	164.42	2ND	64.84	64.89
163.17	163.18	1ST	64.24	64.25

SUMMARY STATISTICS

CENTIMETERS		INCHES
176.68	MEAN	69.64
6.14	SD DEV	2.42

SYMMETRY-BETA I= .08
KURTOSIS-BETA II= 2.76
COEF. OF VAR. = 3.47
NUMBER OF SUBJ. = 1465

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NO. 9 SUMMARY STATISTICS AND FREQUENCY TABLES FOR CERVICALE HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO CERVICALE, THE TIP OF THE SPINOUS PROCESS OF THE 7TH CERVICAL VERTEBRA

RANGES (CM)	F	CUMF	FPCT	CUMPCT
168.25- 170.24	3	1465	.20	100.00
166.25- 168.24	3	1462	.20	99.80
164.25- 166.24	9	1459	.61	99.59
162.25- 164.24	24	1450	1.64	98.98
160.25- 162.24	49	1426	3.34	97.34
158.25- 160.24	70	1377	4.78	93.99
156.25- 158.24	109	1307	7.44	89.22
154.25- 156.24	135	1198	9.22	81.77
152.25- 154.24	148	1063	10.10	72.56
150.25- 152.24	213	977	14.54	66.66
148.25- 150.24	190	664	12.97	45.32
146.25- 148.24	171	494	11.67	33.74
144.25- 146.24	132	313	9.01	21.37
142.25- 144.24	86	181	5.87	12.35
140.25- 142.24	51	95	3.48	6.48
138.25- 140.24	28	44	1.91	3.00
136.25- 138.24	16	16	.82	1.09
134.25- 136.24	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
166.44	166.35	99TH	65.74	65.37
165.01	164.33	95TH	64.99	64.70
162.05	163.25	97TH	63.80	64.27
161.71	161.79	95TH	63.27	63.70
158.57	159.50	90TH	62.43	62.82
157.09	158.38	85TH	61.85	62.32
159.91	156.87	80TH	61.35	61.78
154.69	155.82	75TH	60.88	61.39
153.48	155.34	70TH	60.62	61.04
153.14	154.23	65TH	60.29	60.72
152.34	153.48	60TH	59.98	60.42
151.58	152.73	55TH	59.68	60.13
151.82	152.10	50TH	59.38	59.86
150.07	151.24	45TH	59.08	59.51
149.32	150.35	40TH	58.78	59.27
149.55	149.79	35TH	58.48	58.97
147.75	149.20	30TH	58.17	58.68
146.88	148.14	25TH	57.88	58.32
145.93	147.18	20TH	57.45	57.95
144.84	145.16	15TH	57.02	57.21
143.49	144.04	10TH	56.49	56.94
141.53	142.49	5TH	55.72	56.10
140.28	141.36	2ND	55.23	55.63
139.37	139.36	2ND	54.87	55.11
137.95	138.24	1ST	54.31	54.42

SUMMARY STATISTICS

CENTIMETERS		INCHES
150.94	MEAN	59.43
5.59	SD DEV	2.20

SYMMETRY-BETA I= .09
KURTOSIS-BETA II= 2.93
COEF. OF VAR. = 3.64
NUMBER OF SUBJ. = 1465

NO. 10 SUMMARY STATISTICS AND FREQUENCY TABLES FOR ACROMIAL HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO RIGHT ACROMION, THE LATERAL EDGE OF THE ACROMIAL PROCESS OF THE SHOULDER

RANGES (CM)	F	CUMF	FPCT	CUMPCT
162.75- 164.74	5	1465	.34	100.00
160.75- 162.74	7	1460	.48	99.66
158.75- 160.74	28	1453	1.91	99.18
156.75- 158.74	42	1425	2.87	97.27
154.75- 156.74	71	1383	4.85	94.40
152.75- 154.74	106	1312	7.24	89.56
150.75- 152.74	132	1206	9.01	82.32
148.75- 150.74	186	1074	12.70	73.31
146.75- 148.74	203	888	13.86	60.61
144.75- 146.74	191	685	13.04	46.76
142.75- 144.74	179	494	12.22	33.72
140.75- 142.74	135	315	9.22	21.50
138.75- 140.74	79	180	5.39	12.29
136.75- 138.74	54	101	3.69	6.89
134.75- 136.74	28	47	1.91	3.21
132.75- 134.74	13	19	.89	1.30
130.75- 132.74	6	6	.41	.41

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
169.71		99TH	63.27	
169.93		95TH	62.73	
164.39		97TH	62.38	
157.86		90TH	61.83	
154.91		85TH	61.39	
153.42		80TH	61.08	
152.24		75TH	60.36	
151.22		70TH	59.83	
150.31		65TH	59.18	
149.47		60TH	58.85	
148.68		55TH	58.60	
147.92		50TH	58.24	
147.18		45TH	57.94	
146.44		40TH	57.65	
145.71		35TH	57.38	
144.95		30TH	57.07	
144.16		25TH	56.76	
143.32		20TH	56.43	
142.39		15TH	56.06	
141.32		10TH	55.64	
139.97		5TH	55.11	
137.98		2ND	54.32	
136.67		2ND	53.81	
135.69		2ND	53.42	
134.18		1ST	52.79	

SUMMARY STATISTICS

CENTIMETERS		INCHES
147.37	MEAN	58.00
5.76	SD DEV	2.26

SYMMETRY-BETA I= .07
KURTOSIS-BETA II= 2.86
COEF. OF VAR. = 3.98
NUMBER OF SUBJ. = 1465

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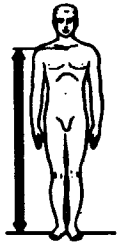
NO. 11 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SUPRASTERNALE HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO SUPRASTERNALE, THE LOWEST POINT OF THE NOTCH IN THE UPPER EDGE OF THE BREASTBONE

RANGES (CM)	F	CUMF	PCT	CUMPCT
159.43- 161.40	3	1465	.20	100.00
157.45- 159.42	3	1462	.20	99.80
155.47- 157.44	17	1459	1.16	99.59
153.49- 155.46	36	1442	2.46	98.43
151.51- 153.48	74	1406	5.12	95.97
149.53- 151.50	133	1331	9.08	90.85
147.55- 149.52	171	1223	11.67	83.42
145.57- 147.54	187	1052	12.76	71.76
143.59- 145.56	227	914	15.49	62.32
141.61- 143.58	218	687	14.87	46.83
139.63- 141.60	179	469	12.21	31.96
137.65- 139.62	142	290	9.69	19.78
135.67- 137.64	82	148	5.60	10.09
133.69- 135.66	37	71	2.53	4.85
131.71- 133.68	20	34	1.37	2.32
129.73- 131.70	9	14	.61	.96
127.75- 129.72	5	5	.34	.34



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
156.38	158.19	99TH	61.57	62.28
155.29	156.75	95TH	61.14	61.71
154.49	155.91	97TH	60.82	61.39
153.31	154.43	90TH	60.36	60.82
151.35	152.40	80TH	59.59	60.00
149.96	152.[illegible]	85TH	59.04	59.84
148.36	14[illegible]	80TH	58.41	59.00
147.90	144.[illegible]	75TH	58.23	58.62
147.05	145.33	70TH	57.93	58.28
146.26	147.74	65TH	57.64	57.97
145.53	146.49	60TH	57.28	57.67
144.93	145.78	55TH	57.02	57.38
144.14	145.18	50TH	56.75	57.12
143.47	144.39	45TH	56.49	56.84
142.79	143.68	40TH	56.22	56.57
142.10	142.96	35TH	55.95	56.29
141.39	142.21	30TH	55.66	55.99
140.62	141.41	25TH	55.36	55.67
139.78	140.52	20TH	55.03	55.32
138.81	139.49	15TH	54.65	54.92
137.57	138.19	10TH	54.16	54.41
135.76	136.26	5TH	53.45	53.65
134.42	134.39	3RD	52.92	53.15
133.42	133.14	2ND	52.57	52.77
131.72	132.49	1ST	51.86	52.18

SUMMARY STATISTICS

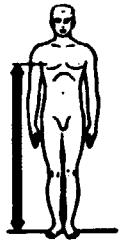
CENTIMETERS		INCHES
144.29	MEAN	56.81
5.34	SD DEV	2.10

SYMMETRY-BETA I= .05
KURTOSIS-BETA II= 2.48
COEF. OF VAR. = 3.70
NUMBER OF SUBJ. = 1465

NO. 12 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
NIPPLE HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE CENTER OF THE RIGHT NIPPLE

RANGES (CM)	F	CUMF	PCT	CUMPCT
144.25- 146.24	4	1465	.27	100.00
142.25- 144.24	1	1461	.07	99.73
140.25- 142.24	25	1460	1.71	99.66
138.25- 140.24	48	1435	3.28	97.95
136.25- 138.24	75	1387	5.12	94.68
134.25- 136.24	108	1312	7.37	89.56
132.25- 134.24	177	1204	12.08	82.19
130.25- 132.24	211	1027	14.40	70.10
128.25- 130.24	210	816	14.33	55.70
126.25- 128.24	224	606	15.29	41.37
124.25- 126.24	174	382	11.88	26.08
122.25- 124.24	107	208	7.30	14.20
120.25- 122.24	55	101	3.75	7.17
118.25- 120.24	28	50	1.91	3.41
116.25- 118.24	20	22	1.37	1.50
114.25- 116.24	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
141.23	141.54	99TH	55.60	55.74
140.15	140.25	95TH	55.14	55.21
139.38	139.35	97TH	54.87	54.86
138.25	138.19	90TH	54.47	54.37
136.36	136.11	80TH	53.59	53.58
135.04	134.75	85TH	53.17	53.05
133.98	133.67	80TH	52.75	52.62
133.07	132.75	75TH	52.39	52.28
132.25	131.92	70TH	52.07	51.94
131.59	131.17	65TH	51.77	51.64
130.79	130.46	60TH	51.49	51.36
130.12	129.79	55TH	51.23	51.09
129.46	129.11	50TH	50.97	50.83
128.80	128.49	45TH	50.71	50.57
128.15	127.79	40TH	50.45	50.31
127.48	127.12	35TH	50.19	50.05
126.78	126.41	30TH	49.92	49.77
126.04	125.65	25TH	49.62	49.47
125.21	124.83	20TH	49.30	49.14
124.27	123.83	15TH	48.92	48.75
123.06	122.60	10TH	48.45	48.27
121.25	120.76	5TH	47.73	47.54
120.01	119.53	3RD	47.25	47.06
119.06	118.63	2ND	46.87	46.69
117.46	117.76	1ST	46.25	46.09

SUMMARY STATISTICS

CENTIMETERS		INCHES
129.58	MEAN	51.01
5.11	SD DEV	2.01

SYMMETRY-BETA I= .06
KURTOSIS-BETA II= 2.83
COEF. OF VAR. = 3.95
NUMBER OF SUBJ. = 1465

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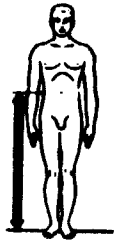
NO. 13 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WAIST (OMPHALION) HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO OMPHALION, THE CENTER OF THE UMBILICUS

RANGES (CM)	F	CUMF	FPCT	CUMPCT
121.25- 123.24	2	1465	.14	100.00
119.25- 121.24	5	1463	.34	99.86
117.25- 119.24	15	1458	1.02	99.52
115.25- 117.24	44	1443	3.00	98.50
113.25- 115.24	71	1403	4.85	95.77
111.25- 113.24	125	1332	8.53	90.92
109.25- 111.24	141	1207	9.63	82.39
107.25- 109.24	215	1066	14.68	72.76
105.25- 107.24	266	851	18.16	58.08
103.25- 105.24	197	585	13.45	39.92
101.25- 103.24	151	388	10.31	26.47
99.25- 101.24	75	237	5.12	16.16
97.25- 99.24	47	162	3.21	11.04
95.25- 97.24	36	115	2.46	7.84
93.25- 95.24	9	79	.61	5.38
91.25- 93.24	6	70	.41	4.77



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
118.36	117.56	99TH	46.60	46.28
116.75	116.24	95TH	45.97	45.76
115.91	115.41	90TH	45.63	45.44
114.76	114.24	85TH	45.18	44.99
112.38	112.54	80TH	44.28	44.31
111.77	111.39	75TH	44.00	43.85
110.92	110.45	70TH	43.67	43.49
110.40	109.66	65TH	43.47	43.17
109.37	109.04	60TH	43.02	42.89
108.59	108.28	55TH	42.75	42.63
107.96	107.65	50TH	42.51	42.38
107.35	107.05	45TH	42.26	42.14
106.74	106.45	40TH	42.02	41.91
106.14	105.85	35TH	41.79	41.67
105.53	105.24	30TH	41.55	41.43
104.91	104.61	25TH	41.30	41.19
104.25	103.95	20TH	41.04	40.93
103.55	103.24	15TH	40.77	40.64
102.76	102.46	10TH	40.46	40.33
101.85	101.52	5TH	40.10	39.97
100.71	100.36	1TH	39.65	39.51
99.01	98.57	.1TH	38.99	38.85
97.91	97.59	.4TH	38.55	38.42
97.09	96.81	2ND	38.22	38.11
95.49	95.03	1ST	37.71	37.64

SUMMARY STATISTICS

CENTIMETERS		INCHES
106.82	MEAN	42.05
4.75	SD DEV	1.87

SYMMETRY-BETA I= .08
KURTOSIS-BETA II= 2.97
COEF. OF VAR. = 4.45
NUMBER OF SUBJ. = 1465

NO. 14 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ILIOCRISTALE HEIGHT

THE VERTICAL DISTANCE FROM THE STANDING SURFACE TO THE TOP OF THE RIGHT ILIUM IN THE MIDAXILLARY PLANE

RANGES (CM)	F	CUMF	FPCT	CUMPCT
122.25- 124.24	1	1465	.07	100.00
120.25- 122.24	1	1464	.07	99.93
118.25- 120.24	8	1463	.55	99.86
116.25- 118.24	14	1455	.96	99.32
114.25- 116.24	47	1441	3.21	98.36
112.25- 114.24	79	1394	5.39	95.15
110.25- 112.24	132	1315	9.01	89.76
108.25- 110.24	173	1183	11.81	80.75
106.25- 108.24	223	1010	15.22	68.94
104.25- 106.24	238	787	16.25	53.72
102.25- 104.24	182	549	12.42	37.47
100.25- 102.24	144	367	9.83	25.05
98.25- 100.24	107	223	7.30	15.22
96.25- 98.24	58	116	3.96	7.92
94.25- 96.24	29	58	1.98	3.96
92.25- 94.24	16	29	1.09	1.98
90.25- 92.24	5	13	.34	.89
88.25- 90.24	4	8	.27	.55
86.25- 88.24	2	4	.14	.27
84.25- 86.24	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
117.35		99TH	46.20	
116.11		95TH	45.71	
115.38		90TH	45.39	
114.18		85TH	44.95	
112.37		80TH	44.24	
111.13		75TH	43.75	
110.16		70TH	43.36	
109.28		65TH	43.02	
108.51		60TH	42.72	
107.79		55TH	42.44	
107.11		50TH	42.17	
106.45		45TH	41.91	
105.80		40TH	41.65	
105.14		35TH	41.39	
104.47		30TH	41.13	
103.78		25TH	40.86	
103.05		20TH	40.57	
102.25		15TH	40.25	
101.34		10TH	39.90	
100.29		5TH	39.48	
98.92		1TH	38.95	
96.83		.5TH	38.12	
95.42		3RD	37.57	
94.35		2ND	37.14	
92.58		1ST	36.45	

SUMMARY STATISTICS

CENTIMETERS		INCHES
109.69	MEAN	41.61
5.29	SD DEV	2.08

SYMMETRY-BETA I= .10
KURTOSIS-BETA II= 3.38
COEF. OF VAR. = 5.08
NUMBER OF SUBJ. = 1466

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NO. 15 SUMMARY STATISTICS AND FREQUENCY TABLES FOR TROCHANTERION HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO RIGHT TROCHANTERION, THE SUPERIOR POINT OF THE GREATER TROCHANTER OF THE FEMUR

RANGES (CM)		F	CUMF	FPCT	CUMPCT
137.75-	139.74	5	1465	.34	100.00
135.75-	137.74	4	1460	.34	99.66
133.75-	135.74	6	1455	.41	99.32
131.75-	133.74	28	1449	1.77	98.91
129.75-	131.74	71	1421	4.85	97.13
127.75-	129.74	56	1372	3.76	92.28
125.75-	127.74	124	1317	8.46	88.52
123.75-	125.74	190	1193	12.97	79.97
121.75-	123.74	231	993	15.77	67.00
119.75-	121.74	244	762	16.65	51.23
117.75-	119.74	275	494	18.77	33.58
115.75-	117.74	137	219	9.35	14.81
113.75-	115.74	50	142	3.41	9.66
111.75-	113.74	36	92	2.46	6.25
109.75-	111.74	21	56	1.43	3.79
107.75-	109.74	1	3	.07	.20
105.75-	107.74	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
104.15		99TH	41.00	
102.64		98TH	40.41	
101.69		97TH	40.03	
100.39		96TH	39.52	
98.42		95TH	38.75	
97.12		90TH	38.23	
96.10		85TH	37.83	
95.23		80TH	37.49	
94.46		75TH	37.19	
93.76		70TH	36.91	
93.10		65TH	36.65	
92.47		60TH	36.40	
91.85		55TH	36.16	
91.23		50TH	35.92	
90.62		45TH	35.68	
89.98		40TH	35.43	
89.33		35TH	35.17	
88.62		30TH	34.89	
87.83		25TH	34.58	
86.92		20TH	34.22	
85.79		15TH	33.77	
84.39		10TH	33.22	
82.95		5TH	32.67	
82.15		2ND	32.34	
80.42		1ST	31.66	

SUMMARY STATISTICS

CENTIMETERS		INCHES
92.01	MEAN	36.22
4.96	SD DEV	1.95

SYMMETRY-BETA I= .20
KURTOSIS-BETA II= 3.16
COEF. OF VAR. = 5.39
NUMBER OF SUBJ. = 1465

NO. 16 SUMMARY STATISTICS AND FREQUENCY TABLES FOR BUTTOCK HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE POINT OF THE MAXIMUM PROTRUSION OF THE RIGHT BUTTOCK

RANGES (CM)		F	CUMF	FPCT	CUMPCT
102.25-	104.24	2	1465	.14	100.00
100.25-	102.24	6	1463	.41	99.86
98.25-	100.24	28	1457	1.91	99.45
96.25-	98.24	55	1429	3.83	97.54
94.25-	96.24	136	1374	9.42	93.72
92.25-	94.24	169	1238	11.54	84.30
90.25-	92.24	262	1063	17.88	72.56
88.25-	90.24	277	801	18.91	54.68
86.25-	88.24	231	524	15.77	35.77
84.25-	86.24	147	293	10.03	20.00
82.25-	84.24	96	146	6.55	9.97
80.25-	82.24	31	50	2.12	3.41
78.25-	80.24	12	19	.82	1.30
76.25-	78.24	7	7	.48	.48

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
99.36	100.49	99TH	39.12	39.72
98.46	99.54	98TH	38.77	39.19
97.84	98.59	97TH	38.52	38.85
96.92	97.54	95TH	38.16	38.40
95.37	95.88	90TH	37.55	37.72
94.29	94.65	85TH	37.12	37.26
93.42	93.75	80TH	36.79	36.91
92.67	92.88	75TH	36.49	36.61
92.00	92.30	70TH	36.22	36.34
91.39	91.68	65TH	35.98	36.10
90.81	91.10	60TH	35.75	35.86
90.25	90.54	55TH	35.53	35.64
89.70	89.98	50TH	35.32	35.43
89.17	89.44	45TH	35.10	35.21
88.63	88.89	40TH	34.89	34.99
88.07	88.32	35TH	34.67	34.77
87.50	87.73	30TH	34.45	34.54
86.88	87.10	25TH	34.21	34.29
86.20	86.39	20TH	33.94	34.01
85.41	85.58	15TH	33.63	33.69
84.41	84.56	10TH	33.23	33.29
82.90	83.35	5TH	32.64	32.70
81.87	82.38	3RD	32.23	32.31
81.08	81.36	2ND	31.93	32.07
79.75	80.22	1ST	31.40	31.56

SUMMARY STATISTICS

CENTIMETERS		INCHES
89.77	MEAN	35.34
4.24	SD DEV	1.67

SYMMETRY-BETA I= -.01
KURTOSIS-BETA II= 2.99
COEF. OF VAR. = 4.73
NUMBER OF SUBJ. = 1465

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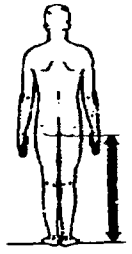
NO. 17 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
GLUTEAL FURROW HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE FURROW WHERE THE GLUTEAL CURVE INTERSECTS THE BACK OF THE RIGHT THIGH

RANGES (CM)		F	CUMF	FPCT	CUMPCT
94.25-	95.24	1	1466	.07	100.00
93.25-	94.24	0	1465	.00	99.93
92.25-	93.24	4	1465	.27	99.93
91.25-	92.24	2	1461	.14	99.66
90.25-	91.24	13	1459	.89	99.52
89.25-	90.24	16	1446	1.09	98.63
88.25-	89.24	33	1430	2.25	97.54
87.25-	88.24	43	1397	2.93	95.29
86.25-	87.24	79	1354	5.39	92.35
85.25-	86.24	71	1275	4.85	86.96
84.25-	85.24	96	1204	6.55	82.12
83.25-	84.24	114	1108	7.78	75.56
82.25-	83.24	146	994	9.97	67.78
81.25-	82.24	193	848	13.44	57.82
80.25-	81.24	128	655	8.74	47.37
79.25-	80.24	124	567	8.46	38.63
78.25-	79.24	123	443	8.40	30.17
77.25-	78.24	89	320	6.08	21.77
76.25-	77.24	75	231	5.12	15.70
75.25-	76.24	57	156	3.89	10.58
74.25-	75.24	40	99	2.73	6.69
73.25-	74.24	39	59	2.65	3.96
72.25-	73.24	12	29	.82	1.91
71.25-	72.24	9	17	.61	1.09
70.25-	71.24	7	8	.48	.48



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
90.65	91.80	99TH	35.69	36.15
89.68	89.85	98TH	35.31	35.38
89.04	88.91	97TH	35.05	35.00
88.13	87.80	95TH	34.70	34.61
86.72	86.34	90TH	34.13	33.99
85.78	85.29	85TH	33.74	33.58
84.98	84.48	80TH	33.43	33.26
84.21	83.77	75TH	33.15	32.98
83.58	83.15	70TH	32.91	32.74
83.00	82.59	65TH	32.68	32.51
82.45	82.05	60TH	32.46	32.30
81.92	81.54	55TH	32.25	32.10
81.39	81.04	50TH	32.04	31.90
80.86	80.54	45TH	31.84	31.71
80.33	80.04	40TH	31.63	31.51
79.79	79.52	35TH	31.41	31.31
79.21	78.98	30TH	31.19	31.10
78.60	78.40	25TH	30.94	30.87
77.91	77.75	20TH	30.67	30.61
77.13	77.00	15TH	30.38	30.31
76.15	76.14	10TH	29.98	29.94
74.73	74.59	5TH	29.42	29.37
73.83	73.62	3RD	29.07	28.98
73.18	72.98	2ND	28.81	28.69
72.18	71.67	1ST	28.42	28.22

SUMMARY STATISTICS

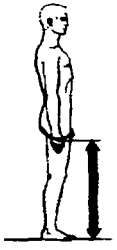
CENTIMETERS		INCHES
81.42	MEAN	32.06
4.06	SD DEV	1.60

SYMMETRY-BETA I= .02
KURTOSIS-BETA II= 2.78
COEF. OF VAR. = 4.98
NUMBER OF SUBJ. = 1465

NO. 18 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CROTCH HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE MIDPOINT OF THE CROTCH

RANGES (CM)		F	CUMF	FPCT	CUMPCT
99.25-	101.24	1	1466	.07	100.00
97.25-	99.24	0	1465	.00	99.93
95.25-	97.24	5	1465	.34	99.93
93.25-	95.24		1460	1.09	99.59
91.25-	93.24	4	1444	3.28	98.50
89.25-	91.24	116	1396	7.92	95.22
87.25-	89.24	177	1280	12.08	87.30
85.25-	87.24	225	1103	15.36	75.22
83.25-	85.24	274	878	18.70	59.86
81.25-	83.24	246	604	16.78	41.16
79.25-	81.24	178	364	12.15	24.78
77.25-	79.24	102	186	6.93	12.68
75.25-	77.24	55	83	3.75	5.66
73.25-	75.24	28	28	1.91	1.91
71.25-	73.24	7	8	.48	.48



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
93.87	94.94	99TH	36.96	37.38
92.85	93.79	98TH	36.56	36.92
92.19	93.34	97TH	36.29	36.68
91.26	92.33	95TH	35.93	36.23
89.79	90.46	90TH	35.35	35.61
88.78	89.39	85TH	34.95	35.19
87.94	88.56	80TH	34.62	34.87
87.22	87.84	75TH	34.34	34.58
86.57	87.20	70TH	34.08	34.33
85.96	86.61	65TH	33.84	34.10
85.39	86.05	60TH	33.62	33.88
84.82	85.52	55TH	33.40	33.67
84.27	84.99	50TH	33.18	33.46
83.71	84.47	45TH	32.96	33.25
83.14	83.94	40TH	32.73	33.05
82.55	83.46	35TH	32.50	32.83
81.94	82.83	30TH	32.25	32.61
81.27	82.22	25TH	32.00	32.37
80.53	81.54	20TH	31.71	32.10
79.67	80.76	15TH	31.37	31.79
78.60	79.77	10TH	30.95	31.41
77.06	78.33	5TH	31.34	30.64
76.09	77.39	3RD	29.96	30.47
75.39	76.70	2ND	29.68	30.20
74.34	75.51	1ST	29.27	29.77

SUMMARY STATISTICS

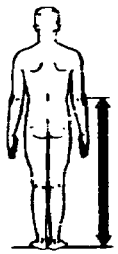
CENTIMETERS		INCHES
84.24	MEAN	33.17
4.32	SD DEV	1.70

SYMMETRY-BETA I= -.01
KURTOSIS-BETA II= 2.87
COEF. OF VAR. = 5.13
NUMBER OF SUBJ. = 1465

NO. 19 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ELBOW (RADIALE) HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE HIGHEST PALPABLE POINT ON THE HEAD OF THE RIGHT RADIUS

RANGES (CM)	F	CUMF	FPCT	CUMPCT
124.75- 126.74	1	1466	.07	100.00
122.75- 124.74	10	1465	.68	99.93
120.75- 122.74	16	1455	1.09	99.25
118.75- 120.74	50	1439	3.41	98.16
116.75- 118.74	94	1389	6.42	94.74
114.75- 116.74	146	1295	9.97	88.32
112.75- 114.74	189	1149	12.90	78.35
110.75- 112.74	254	960	17.34	65.46
108.75- 110.74	254	706	17.34	48.12
106.75- 108.74	212	452	14.54	30.79
104.75- 106.74	128	239	8.74	16.25
102.75- 104.74	69	111	4.71	7.51
100.75- 102.74	25	42	1.71	2.86
98.75- 100.74	12	17	.82	1.09
96.75- 98.74	4	5	.27	.27



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
122.32	123.35	99TH	48.34	48.44
120.82	121.98	94TH	47.57	47.99
120.02	121.10	97TH	47.25	47.68
119.09	120.31	95TH	46.91	47.29
117.11	118.29	90TH	46.11	46.57
115.90	117.10	85TH	45.63	46.10
114.95	116.17	80TH	45.25	45.74
114.13	115.37	75TH	44.93	45.42
113.41	114.65	70TH	44.65	45.14
112.75	114.00	65TH	44.39	44.88
112.13	113.38	60TH	44.14	44.64
111.54	112.79	55TH	43.91	44.40
110.96	112.20	50TH	43.68	44.17
110.39	111.63	45TH	43.46	43.95
109.82	111.05	40TH	43.24	43.72
109.24	110.45	35TH	43.01	43.49
108.63	109.83	30TH	42.77	43.24
107.98	109.16	25TH	42.51	42.98
107.27	108.42	20TH	42.23	42.68
106.44	107.55	15TH	41.91	42.34
105.39	106.46	10TH	41.49	41.91
103.82	104.80	5TH	40.87	41.26
102.76	103.54	3RD	40.45	40.82
101.94	102.33	2ND	40.13	40.49
100.59	101.42	1ST	39.60	39.93

SUMMARY STATISTICS

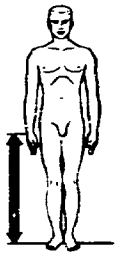
CENTIMETERS		INCHES
111.12	MEAN	43.75
4.56	SD DEV	1.79

SYMMETRY-BETA I= .17
KURTOSIS-BETA II= 2.96
COEF. OF VAR. = 4.10
NUMBER OF SUBJ. = 1465

NO. 20 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
STYLION (WRIST) HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE TIP OF THE STYLOID PROCESS OF THE RIGHT RADIUS

RANGES (CM)	F	CUMF	FPCT	CUMPCT
99.25- 101.24	1	1466	.07	100.00
97.25- 99.24	12	1465	.82	99.93
95.25- 97.24	20	1453	1.37	99.11
93.25- 95.24	63	1433	4.30	97.75
91.25- 93.24	126	1370	8.74	93.45
89.25- 91.24	174	1242	11.88	84.71
87.25- 89.24	291	1068	19.86	72.83
85.25- 87.24	285	777	19.45	52.97
83.25- 85.24	240	492	16.35	33.52
81.25- 83.24	154	252	10.51	17.13
79.25- 81.24	64	98	4.37	6.62
77.25- 79.24	23	34	1.57	2.25
75.25- 77.24	7	11	.48	.68
73.25- 75.24	3	4	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
96.97	95.99	99TH	38.18	37.79
95.69	94.94	98TH	37.67	37.38
94.89	94.25	97TH	37.36	37.11
93.82	93.28	95TH	36.94	36.73
92.20	91.77	90TH	36.30	36.13
91.13	90.73	85TH	35.88	35.72
90.31	89.92	80TH	35.55	35.40
89.61	89.22	75TH	35.28	35.13
88.99	88.60	70TH	35.04	34.86
88.43	88.13	65TH	34.82	34.66
87.91	87.49	60TH	34.61	34.45
87.41	86.98	55TH	34.41	34.24
86.92	86.48	50TH	34.22	34.05
86.43	85.98	45TH	34.03	33.85
85.94	85.48	40TH	33.84	33.65
85.44	84.96	35TH	33.64	33.45
84.92	84.43	30TH	33.43	33.24
84.35	83.86	25TH	33.21	33.01
83.72	83.22	20TH	32.96	32.76
82.99	82.49	15TH	32.67	32.48
82.06	81.58	10TH	32.31	32.12
80.64	80.23	5TH	31.75	31.59
79.69	79.34	3RD	31.37	31.24
78.96	78.68	2ND	31.09	30.98
77.76	77.62	1ST	30.61	30.56

SUMMARY STATISTICS

CENTIMETERS		INCHES
87.02	MEAN	34.26
3.99	SD DEV	1.57

SYMMETRY-BETA I= .12
KURTOSIS-BETA II= 3.12
COEF. OF VAR. = 4.58
NUMBER OF SUBJ. = 1465

NO. 21 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
DACTYLION HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE TIP OF THE EXTENDED RIGHT MIDDLE FINGER

RANGES (CM)		F	CUMF	FPCT	CUMPCT
78.25-	80.24	1	1466	.07	100.00
76.25-	78.24	11	1465	.75	99.93
74.25-	76.24	44	1454	3.00	99.18
72.25-	74.24	85	1410	5.80	96.18
70.25-	72.24	175	1325	11.95	90.38
68.25-	70.24	257	1150	17.54	78.43
66.25-	68.24	345	893	23.55	60.89
64.25-	66.24	231	548	19.18	37.34
62.25-	64.24	159	267	10.85	18.16
60.25-	62.24	75	108	5.12	7.30
58.25-	60.24	22	33	1.50	2.18
56.25-	58.24	8	11	.55	.68
54.25-	56.24	2	3	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
76.03	75.59	99TH	29.93	29.76
75.11	74.68	95TH	29.57	29.40
74.49	74.06	97TH	29.33	29.16
73.61	73.20	95TH	28.98	28.82
72.20	71.82	93TH	28.42	28.28
71.24	70.88	85TH	28.05	27.91
70.48	70.15	80TH	27.75	27.62
69.83	69.51	75TH	27.49	27.37
69.26	68.96	70TH	27.27	27.15
68.74	68.45	65TH	27.06	26.95
68.25	67.97	60TH	26.87	26.76
67.78	67.51	55TH	26.69	26.58
67.32	67.17	50TH	26.51	26.41
66.87	66.83	45TH	26.33	26.23
66.42	66.28	40TH	26.15	26.06
65.96	65.75	35TH	25.97	25.89
65.49	65.24	30TH	25.78	25.70
64.97	64.74	25TH	25.58	25.51
64.40	64.23	20TH	25.35	25.29
63.74	63.59	15TH	25.08	25.04
62.89	62.73	10TH	24.76	24.72
61.59	61.54	5TH	24.25	24.23
60.70	60.69	3RD	23.91	23.89
60.00	60.33	2ND	23.62	23.64
58.81	58.82	1ST	23.15	23.26

SUMMARY STATISTICS

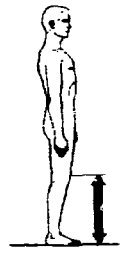
CENTIMETERS		INCHES
67.42	MEAN	26.54
3.63	SD DEV	1.43

SYMMETRY-BETA I= .04
KURTOSIS-BETA II= 3.12
COEF. OF VAR. = 5.39
NUMBER OF SUBJ. = 1465

NO. 22 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
PATELLA-TOP HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE TOP EDGE OF THE RIGHT KNEECAP

RANGES (CM)		F	CUMF	FPCT	CUMPCT
61.25-	62.24	1	1465	.07	100.00
60.25-	61.24	3	1464	.20	99.93
59.25-	60.24	7	1461	.48	99.73
58.25-	59.24	18	1454	1.23	99.25
57.25-	58.24	34	1436	2.32	98.02
56.25-	57.24	51	1402	3.53	95.70
55.25-	56.24	117	1351	7.99	95.17
54.25-	55.24	135	1234	9.22	82.18
53.25-	54.24	151	1099	10.24	72.97
52.25-	53.24	237	919	16.18	62.73
51.25-	52.24	169	682	11.54	46.55
50.25-	51.24	176	513	12.01	35.02
49.25-	50.24	137	337	9.35	23.00
48.25-	49.24	93	200	6.35	13.65
47.25-	48.24	45	107	3.07	7.30
46.25-	47.24	35	62	2.39	4.23
45.25-	46.24	17	27	1.16	1.84
44.25-	45.24	6	10	.41	.68
43.25-	44.24	3	4	.20	.27
42.25-	43.24	0	1	.00	.07
41.25-	42.24	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
58.78	58.53	99TH	23.14	23.20
58.19	58.12	95TH	22.91	22.88
57.78	57.82	97TH	22.75	22.68
57.19	56.94	95TH	22.51	22.42
56.20	55.92	90TH	22.13	22.02
55.50	55.25	85TH	21.85	21.75
54.94	54.73	80TH	21.63	21.55
54.44	54.28	75TH	21.43	21.37
54.00	53.89	70TH	21.26	21.22
53.56	53.53	65TH	21.09	21.06
53.19	53.19	60TH	20.94	20.94
52.81	52.87	55TH	20.79	20.81
52.43	52.55	50TH	20.64	20.69
52.05	52.24	45TH	20.49	20.57
51.68	51.92	40TH	20.34	20.44
51.28	51.59	35TH	20.19	20.31
50.87	51.25	30TH	20.03	20.18
50.43	50.88	25TH	19.85	20.03
49.94	50.47	20TH	19.66	19.87
49.37	50.00	15TH	19.44	19.69
48.65	49.40	10TH	19.16	19.45
47.60	48.50	5TH	18.74	19.10
46.90	47.81	3RD	18.47	18.86
46.39	47.47	2ND	18.26	18.69
45.57	46.76	1ST	17.94	18.41

SUMMARY STATISTICS

CENTIMETERS		INCHES
52.43	MEAN	20.64
2.91	SD DEV	1.15

SYMMETRY-BETA I= -.05
KURTOSIS-BETA II= 2.92
COEF. OF VAR. = 5.55
NUMBER OF SUBJ. = 1465

NO. 23 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
PATELLA-BOTTOM HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE BOTTOM EDGE OF THE RIGHT KNEECAP

RANGES (CM)		F	CUMF	PCT	CUMPCT
53.65-	54.44	1	1465	.07	100.00
52.85-	53.64	5	1464	.34	99.93
52.05-	52.84	8	1459	.55	99.59
51.25-	52.04	15	1451	1.02	99.04
50.45-	51.24	18	1436	1.23	98.02
49.65-	50.44	51	1418	3.48	96.79
48.85-	49.64	74	1367	5.05	93.31
48.05-	48.84	92	1293	6.28	88.26
47.25-	48.04	121	1201	8.26	81.98
46.45-	47.24	141	1080	9.62	73.72
45.65-	46.44	143	939	9.76	63.82
44.85-	45.64	152	796	10.38	54.06
44.05-	44.84	170	644	11.60	43.69
43.25-	44.04	137	474	9.35	32.91
42.45-	43.24	108	337	7.37	22.96
41.65-	42.44	66	229	4.50	15.59
40.85-	41.64	49	163	3.34	11.09
40.05-	40.84	54	114	3.69	7.76
39.25-	40.04	22	60	1.50	4.09
38.45-	39.24	12	38	.82	2.59
37.65-	38.44	9	26	.61	1.77
36.85-	37.64	6	17	.41	1.16
36.05-	36.84	4	11	.27	.75
35.25-	36.04	3	7	.20	.48
34.45-	35.24	2	4	.14	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
51.97		99TH	21.46	
51.20		98TH	21.16	
50.71		97TH	19.96	
50.05		96TH	19.70	
49.03		95TH	19.33	
48.34		90TH	19.03	
47.79		85TH	18.81	
47.32		80TH	18.63	
46.89		75TH	18.46	
46.50		70TH	18.31	
46.12		65TH	18.16	
45.76		60TH	18.02	
45.40		55TH	17.87	
45.03		50TH	17.73	
44.66		45TH	17.59	
44.24		40TH	17.43	
43.87		35TH	17.27	
43.47		30TH	17.11	
42.92		25TH	16.90	
42.34		20TH	16.67	
41.68		15TH	16.37	
40.87		10TH	16.07	
39.67		5TH	15.62	
38.10		2ND	15.00	
36.18		1ST	14.24	

SUMMARY STATISTICS

CENTIMETERS		INCHES
45.34	MEAN	17.85
2.92	SD DEV	1.15

SYMMETRY-BETA I= -.13
KURTOSIS-BETA II= 3.07
COEF. OF VAR. = 6.45
NUMBER OF SUBJ. = 1465

NO. 24 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CALF HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE LEVEL OF THE MAXIMUM CIRCUMFERENCE OF THE RIGHT CALF

RANGES (CM)		F	CUMF	PCT	CUMPCT
43.75-	44.54	1	1464	.07	100.00
42.95-	43.74	0	1463	.00	99.93
42.15-	42.94	2	1463	.14	99.93
41.35-	42.14	10	1461	.68	99.80
40.55-	41.34	17	1451	1.16	99.11
39.75-	40.54	28	1434	1.91	97.95
38.95-	39.74	36	1406	2.46	96.04
38.15-	38.94	70	1370	4.78	93.58
37.35-	38.14	97	1300	6.63	88.80
36.55-	37.34	126	1203	8.60	82.17
35.75-	36.54	184	1077	12.57	73.56
34.95-	35.74	160	893	10.93	61.41
34.15-	34.94	158	733	10.79	50.48
33.35-	34.14	173	575	11.82	39.69
32.55-	33.34	143	402	9.77	27.87
31.75-	32.54	94	259	6.42	18.10
30.95-	31.74	63	165	4.30	11.68
30.15-	30.94	54	102	3.69	7.38
29.35-	30.14	21	48	1.43	3.69
28.55-	29.34	20	27	1.37	2.25
27.75-	28.54	10	7	.68	.89
26.95-	27.74	2	3	.14	.20
26.15-	26.94	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
41.29	43.71	99TH	16.26	16.03
40.52	43.16	98TH	15.95	15.81
40.03	39.80	97TH	15.76	15.67
39.37	39.28	95TH	15.50	15.47
38.37	38.47	90TH	15.11	15.14
37.70	37.80	85TH	14.84	14.92
37.17	37.45	80TH	14.63	14.75
36.72	37.16	75TH	14.46	14.59
36.31	36.71	70TH	14.30	14.45
35.94	36.39	65TH	14.15	14.33
35.59	36.05	60TH	14.01	14.21
35.24	35.79	55TH	13.88	14.09
34.91	35.50	50TH	13.74	13.93
34.57	35.21	45TH	13.61	13.86
34.23	34.92	40TH	13.48	13.75
33.88	34.63	35TH	13.34	13.63
33.51	34.32	30TH	13.19	13.51
33.11	33.99	25TH	13.03	13.38
32.65	33.63	20TH	12.86	13.24
32.13	33.21	15TH	12.65	13.08
31.47	32.71	10TH	12.39	12.88
30.48	31.98	5TH	12.00	12.59
29.83	31.53	3RD	11.74	12.41
29.35	31.21	2ND	11.56	12.29
28.59	30.72	1ST	11.25	12.10

SUMMARY STATISTICS

CENTIMETERS		INCHES
34.91	MEAN	13.74
2.66	SD DEV	1.05

SYMMETRY-BETA I= .01
KURTOSIS-BETA II= 2.94
COEF. OF VAR. = 7.63
NUMBER OF SUBJ. = 1464

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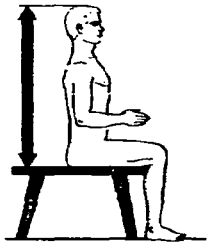
NO. 25 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SITTING HEIGHT

THE VERTICAL DISTANCE FROM THE SITTING SURFACE TO THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
100.25-	101.24	2	1465	.14	100.00
99.25-	100.24	4	1463	.27	99.86
98.25-	99.24	9	1459	.61	99.59
97.25-	98.24	26	1450	1.77	98.98
96.25-	97.24	37	1424	2.53	97.20
95.25-	96.24	76	1387	5.19	94.68
94.25-	95.24	80	1311	5.46	89.49
93.25-	94.24	122	1231	8.33	83.94
92.25-	93.24	163	1109	11.13	75.62
91.25-	92.24	145	936	9.90	63.89
90.25-	91.24	166	791	11.33	53.99
89.25-	90.24	166	625	11.33	42.66
88.25-	89.24	134	459	9.15	31.33
87.25-	88.24	113	325	7.71	22.18
86.25-	87.24	82	212	5.60	14.47
85.25-	86.24	55	130	3.75	8.87
84.25-	85.24	44	75	3.00	5.12
83.25-	84.24	18	31	1.23	2.12
82.25-	83.24	7	13	.48	.89
81.25-	82.24	1	6	.07	.41
80.25-	81.24	2	5	.14	.34
79.25-	80.24	2	3	.14	.20
78.25-	79.24	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
98.36	100.64	99TH	38.72	39.62
97.62	99.85	95TH	38.43	39.31
97.13	99.31	97TH	38.24	39.10
96.43	98.56	95TH	37.96	38.80
95.29	97.37	90TH	37.52	38.33
94.49	96.54	85TH	37.20	38.01
93.84	95.89	80TH	36.95	37.75
93.27	95.33	75TH	36.72	37.53
92.75	94.82	70TH	36.52	37.33
92.27	94.36	65TH	36.33	37.15
91.81	93.93	60TH	36.15	36.98
91.36	93.51	55TH	35.97	36.81
90.92	93.10	50TH	35.79	36.65
90.47	92.69	45TH	35.62	36.49
90.02	92.29	40TH	35.44	36.33
89.55	91.87	35TH	35.26	36.17
89.08	91.44	30TH	35.05	36.00
88.53	90.98	25TH	34.86	35.82
87.95	90.47	20TH	34.63	35.62
87.28	89.90	15TH	34.36	35.39
86.46	89.18	10TH	34.04	35.11
85.29	88.14	5TH	33.58	34.70
84.58	87.47	3RD	33.30	34.44
84.08	86.98	2ND	33.10	34.24
83.35	86.20	1ST	32.82	33.94

SUMMARY STATISTICS

CENTIMETERS		INCHES
98.99	MEAN	35.79
3.38	SD DEV	1.33

SYMMETRY-BETA I= -.07
KURTOSIS-BETA II= 2.82
COEF. OF VAR. = 3.72
NUMBER OF SUBJ. = 1465

NO. 26 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
EYE HEIGHT, SITTING

THE VERTICAL DISTANCE FROM THE SITTING SURFACE TO THE INNER CORNER OF THE RIGHT EYE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
93.75-	94.74	1	1465	.07	100.00
92.75-	93.74	2	1464	.14	99.93
91.75-	92.74	3	1462	.20	99.80
90.75-	91.74	6	1459	.41	99.59
89.75-	90.74	8	1453	.55	99.18
88.75-	89.74	21	1445	1.43	98.63
87.75-	88.74	41	1424	2.80	97.20
86.75-	87.74	73	1383	4.98	94.40
85.75-	86.74	118	1310	8.05	89.42
84.75-	85.74	139	1192	9.48	81.37
83.75-	84.74	149	1053	10.17	71.88
82.75-	83.74	167	904	11.39	61.71
81.75-	82.74	162	737	11.06	50.31
80.75-	81.74	147	575	10.03	39.25
79.75-	80.74	132	428	9.01	29.22
78.75-	79.74	111	296	7.58	20.20
77.75-	78.74	75	185	5.12	12.63
76.75-	77.74	46	110	3.14	7.51
75.75-	76.74	35	64	2.39	4.37
74.75-	75.74	18	29	1.23	1.98
73.75-	74.74	7	11	.48	.75
72.75-	73.74	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
87.22	88.33	99TH	34.34	34.78
86.30	87.48	95TH	33.97	34.43
85.73	86.89	90TH	33.75	34.21
85.00	86.11	85TH	33.46	33.90
84.48	85.51	80TH	33.32	33.43
83.13	84.18	65TH	32.73	33.11
82.52	83.47	60TH	32.48	32.86
81.99	82.87	55TH	32.29	32.66
81.51	82.45	50TH	32.09	32.46
81.05	82.02	45TH	31.91	32.29
80.62	81.61	40TH	31.74	32.12
80.19	81.27	35TH	31.57	31.96
79.75	80.85	30TH	31.40	31.82
79.31	80.47	25TH	31.23	31.68
78.87	80.10	20TH	31.05	31.53
78.48	79.71	15TH	30.87	31.38
77.90	79.31	10TH	30.67	31.23
77.36	78.85	5TH	30.45	31.06
76.76	78.41	3RD	30.22	30.87
76.06	77.86	2ND	29.95	30.65
75.20	77.15	1ST	29.61	30.36
74.60	76.15	5TH	29.13	29.94
73.30	75.46	3RD	28.85	29.71
72.83	74.94	2ND	28.67	29.50
72.21	74.39	1ST	28.43	29.17

SUMMARY STATISTICS

CENTIMETERS		INCHES
79.67	MEAN	31.37
3.34	SD DEV	1.32

SYMMETRY-BETA I= -.03
KURTOSIS-BETA II= 2.82
COEF. OF VAR. = 4.19
NUMBER OF SUBJ. = 1465

NO. 27 SUMMARY STATISTICS AND FREQUENCY TABLES FOR MIDSHOULDER HEIGHT, SITTING

THE VERTICAL DISTANCE FROM THE SITTING SURFACE TO A POINT ON THE RIGHT SHOULDER MIDWAY BETWEEN THE NECK AND ACROMION

RANGES (CM)		F	CUMF	FPCT	CUMPCT
70.95-	71.74	2	1465	.14	100.00
70.15-	70.94	4	1463	.27	99.86
69.35-	70.14	7	1459	.48	99.59
68.55-	69.34	5	1452	.34	99.11
67.75-	68.54	14	1447	.96	98.77
66.95-	67.74	33	1433	2.25	97.82
66.15-	66.94	44	1400	3.00	95.58
65.35-	66.14	71	1356	4.85	92.58
64.55-	65.34	109	1285	7.44	87.71
63.75-	64.54	125	1176	8.53	80.27
62.95-	63.74	139	1051	9.49	71.74
62.15-	62.94	142	912	9.69	62.25
61.35-	62.14	143	770	9.76	52.56
60.55-	61.34	125	627	8.74	42.80
59.75-	60.54	141	499	9.62	34.06
58.95-	59.74	135	358	7.44	24.44
58.15-	58.94	73	249	4.99	17.00
57.35-	58.14	63	176	4.30	12.01
56.55-	57.34	41	113	2.80	7.71
55.75-	56.54	24	72	1.64	4.91
54.95-	55.74	23	48	1.57	3.28
54.15-	54.94	12	25	.82	1.71
53.35-	54.14	7	13	.48	.89
52.55-	53.34	6	6	.41	.41

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
68.89		99TH	27.12	
64.83		98TH	26.76	
67.50		97TH	26.57	
66.40		96TH	26.30	
65.75		95TH	25.99	
65.04		90TH	25.61	
64.49		85TH	25.39	
63.99		80TH	25.19	
63.65		75TH	25.02	
63.19		70TH	24.8[illegible]	
62.74		60TH	24.70	
62.35		55TH	24.55	
61.98		50TH	24.39	
61.56		45TH	24.24	
61.16		40TH	24.09	
60.74		35TH	23.91	
60.29		30TH	23.73	
59.79		25TH	23.54	
59.27		20TH	23.32	
58.53		15TH	23.06	
57.74		10TH	22.73	
56.49		5TH	22.24	
55.69		4TH	21.93	
55.16		3RD	21.72	
54.27		1ST	21.37	

SUMMARY STATISTICS

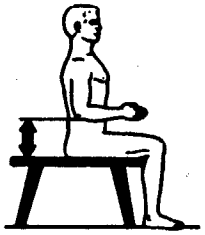
CENTIMETERS		INCHES
61.55	MEAN	24.35
3.12	SD DEV	1.23

SYMMETRY-BETA I= -.12
KURTOSIS-BETA II= 2.96
COEF. OF VAR. = 5.04
NUMBER OF SUBJ. = 1465

NO. 28 SUMMARY STATISTICS AND FREQUENCY TABLES FOR ELBOW REST HEIGHT, SITTING

THE VERTICAL DISTANCE FROM THE SITTING SURFACE TO THE BOTTOM OF THE TIP OF THE RIGHT ELBOW

RANGES (CM)		F	CUMF	FPCT	CUMPCT
32.77-	33.54	1	1466	.07	100.00
31.99-	32.76	1	1465	.07	99.93
31.21-	31.98	7	1464	.48	99.86
30.43-	31.20	3	1457	.20	99.39
29.65-	30.42	11	1454	.75	99.18
28.87-	29.64	25	1443	1.71	98.43
28.09-	28.86	37	1418	2.53	96.72
27.31-	28.08	63	1381	4.30	94.20
26.53-	27.30	79	1318	5.39	89.90
25.75-	26.52	105	1239	7.17	84.51
24.97-	25.74	109	1134	7.44	77.34
24.19-	24.96	145	1025	9.90	69.90
23.41-	24.18	138	880	9.42	60.00
22.63-	23.40	166	742	11.33	50.58
21.85-	22.62	133	576	9.08	39.25
21.07-	21.84	118	443	8.05	30.17
20.29-	21.06	120	325	8.19	22.12
19.51-	20.28	96	205	6.55	13.97
18.73-	19.50	54	109	3.68	10.10
17.95-	18.72	40	55	2.73	6.42
17.17-	17.94	25	55	1.71	3.69
16.39-	17.16	15	30	1.02	1.98
15.61-	16.38	7	15	.48	.96
14.83-	15.60	6	8	.41	.48
14.05-	14.82	1	2	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
30.64	31.51	99TH	12.06	12.40
29.88	30.71	98TH	11.76	12.09
29.38	30.21	97TH	11.57	11.89
28.69	29.54	95TH	11.30	11.62
27.61	28.53	90TH	10.87	11.23
26.87	27.86	85TH	10.58	10.97
26.28	27.34	80TH	10.35	10.76
25.76	26.84	75TH	10.14	10.59
25.30	26.49	70TH	9.96	10.43
24.87	26.17	65TH	9.79	10.29
24.46	25.73	60TH	9.63	10.15
24.06	25.46	55TH	9.47	10.02
23.67	25.13	50TH	9.32	9.89
23.27	24.81	45TH	9.16	9.77
22.87	24.48	40TH	9.01	9.64
22.46	24.15	35TH	8.84	9.51
22.03	23.79	30TH	8.67	9.37
21.58	23.41	25TH	8.49	9.22
21.03	22.99	20TH	8.28	9.05
20.42	22.49	15TH	8.04	8.85
19.66	21.87	10TH	7.74	8.61
18.54	21.04	5TH	7.30	8.24
17.83	20.42	4TH	7.02	8.04
17.31	19.97	3RD	6.81	7.82
16.50	19.14	1ST	6.50	7.54

SUMMARY STATISTICS

CENTIMETERS		INCHES
23.66	MEAN	9.31
3.08	SD DEV	1.21

SYMMETRY-BETA I= -0.08
KURTOSIS-BETA II= 2.87
COEF. OF VAR. = 13.08
NUMBER OF SUBJ. = 1465

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NO. 29 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
THIGH CLEARANCE

THE VERTICAL DISTANCE FROM THE SITTING SURFACE TO THE TOP OF THE RIGHT THIGH AT ITS JUNCTION WITH THE ABDOMEN

RANGES (CM)		F	CUMF	PCT	CUMPCT
19.27-	19.96	[illegible]	[illegible]	.20	[illegible]
18.59-	19.26	[illegible]	[illegible]	.41	[illegible]
18.11-	18.66	25	1465	1.71	99.39
17.59-	18.16	29	1471	1.97	97.68
16.95-	17.58	24	1473	1.36	95.70
16.37-	16.94	120	1379	8.19	94.34
15.79-	16.36	151	1259	10.31	92.46
15.21-	15.78	176	1108	12.01	82.15
14.63-	15.20	135	941	9.21	70.14
14.05-	14.62	178	806	12.15	60.92
13.47-	14.04	157	628	10.71	48.77
12.89-	13.46	132	471	9.01	36.06
12.31-	12.88	71	339	4.85	27.05
11.73-	12.30	49	268	3.34	22.20
11.15-	11.72	37	219	2.52	18.87
10.57-	11.14	38	182	2.59	16.35
9.99-	10.56	27	144	1.84	13.76
9.41-	9.98	23	117	1.57	11.91
8.83-	9.40	7	94	.48	9.34
8.25-	8.82	2	87	.14	8.86

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
19.03	18.45	99TH	7.49	7.26
18.37	17.94	98TH	7.23	7.06
18.07	17.63	97TH	7.12	6.94
17.74	17.37	96TH	6.98	6.84
17.17	17.11	95TH	6.76	6.73
16.81	16.85	94TH	6.62	6.63
16.52	16.53	93TH	6.51	6.50
16.35	16.44	92TH	6.43	6.47
16.21	16.33	91TH	6.38	6.43
16.07	16.24	90TH	6.32	6.39
15.94	16.15	89TH	6.27	6.36
15.80	16.07	88TH	6.22	6.32
15.73	15.98	87TH	6.19	6.29
15.66	15.89	86TH	6.16	6.26
15.59	15.81	85TH	6.13	6.22
15.52	15.72	84TH	6.11	6.19
15.45	15.63	83TH	6.08	6.15
15.38	15.54	82TH	6.05	6.12
15.31	15.45	81TH	6.03	6.08
15.24	15.36	80TH	6.00	6.05
15.17	15.27	79TH	5.97	6.01
15.10	15.18	78TH	5.94	5.98
15.03	15.09	77TH	5.92	5.94
14.96	15.00	76TH	5.89	5.91
14.89	14.91	75TH	5.86	5.87
14.82	14.82	74TH	5.83	5.84
14.75	14.73	73TH	5.80	5.80
14.68	14.64	72TH	5.78	5.76
14.61	14.55	71TH	5.75	5.73
14.54	14.46	70TH	5.72	5.69
14.47	14.37	69TH	5.69	5.66
14.40	14.28	68TH	5.67	5.62
14.33	14.19	67TH	5.64	5.59
14.26	14.10	66TH	5.61	5.55
14.19	14.01	65TH	5.58	5.52
14.12	13.92	64TH	5.56	5.48
14.05	13.83	63TH	5.53	5.45
13.98	13.74	62TH	5.50	5.41
13.91	13.65	61TH	5.47	5.38
13.84	13.56	60TH	5.45	5.34
13.77	13.47	59TH	5.42	5.31
13.70	13.38	58TH	5.39	5.27
13.63	13.29	57TH	5.37	5.23
13.56	13.20	56TH	5.34	5.20
13.49	13.11	55TH	5.31	5.16
13.42	13.02	54TH	5.29	5.13
13.35	12.93	53TH	5.26	5.09
13.28	12.84	52TH	5.23	5.06
13.21	12.75	51TH	5.20	5.02
13.14	12.66	50TH	5.18	4.99
13.07	12.57	49TH	5.15	4.95
13.00	12.48	48TH	5.12	4.91
12.93	12.39	47TH	5.09	4.88
12.86	12.30	46TH	5.07	4.84
12.79	12.21	45TH	5.04	4.81
12.72	12.12	44TH	5.01	4.77
12.65	12.03	43TH	4.98	4.74
12.58	11.94	42TH	4.96	4.70
12.51	11.85	41TH	4.93	4.67
12.44	11.76	40TH	4.90	4.63
12.37	11.67	39TH	4.87	4.60
12.30	11.58	38TH	4.85	4.56
12.23	11.49	37TH	4.82	4.53
12.16	11.40	36TH	4.79	4.49
12.09	11.31	35TH	4.76	4.46
12.02	11.22	34TH	4.74	4.42
11.95	11.13	33TH	4.71	4.39
11.88	11.04	32TH	4.68	4.35
11.81	10.95	31TH	4.65	4.32
11.74	10.86	30TH	4.63	4.28
11.67	10.77	29TH	4.60	4.25
11.60	10.68	28TH	4.57	4.21
11.53	10.59	27TH	4.54	4.18
11.46	10.50	26TH	4.52	4.14
11.39	10.41	25TH	4.49	4.11
11.32	10.32	24TH	4.46	4.07
11.25	10.23	23TH	4.43	4.04
11.18	10.14	22TH	4.41	4.00
11.11	10.05	21TH	4.38	3.97
11.04	9.96	20TH	4.35	3.93
10.97	9.87	19TH	4.32	3.90
10.90	9.78	18TH	4.30	3.86
10.83	9.69	17TH	4.27	3.83
10.76	9.60	16TH	4.24	3.79
10.69	9.51	15TH	4.21	3.76
10.62	9.42	14TH	4.19	3.72
10.55	9.33	13TH	4.16	3.69
10.48	9.24	12TH	4.13	3.65
10.41	9.15	11TH	4.10	3.62
10.34	9.06	10TH	4.08	3.58
10.27	8.97	9TH	4.05	3.55
10.20	8.88	8TH	4.02	3.51
10.13	8.79	7TH	3.99	3.48
10.06	8.70	6TH	3.97	3.44
9.99	8.61	5TH	3.94	3.41
9.92	8.52	4TH	3.91	3.37
9.85	8.43	3RD	3.88	3.34
9.78	8.34	2ND	3.86	3.30
9.71	8.25	1ST	3.83	3.27

SUMMARY STATISTICS

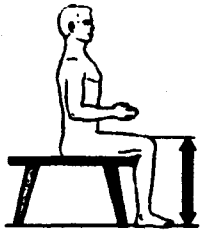
CENTIMETERS		INCHES
14.97	MEAN	5.90
1.98	SD DEV	.78

SYMMETRY-BETA 1= -.47
KURTOSIS-BETA 2= 3.12
COEF. OF VAR. = 13.32
NUMBER OF SUBJ. = 1469

NO. 38 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
KNEE HEIGHT, SITTING

THE VERTICAL DISTANCE FROM THE FOOTREST SURFACE TO THE LEVEL OF THE MUSCLATURE JUST ABOVE THE RIGHT KNEE

RANGES (CM)		F	CUMF	PCT	CUMPCT
62.65-	63.44	1	1465	.07	100.00
61.85-	62.64	2	1464	.14	99.93
61.05-	61.84	4	1462	.27	99.80
60.25-	61.04	5	1458	.34	99.52
59.45-	60.24	14	1443	1.23	99.18
58.65-	59.44	32	1431	2.18	97.68
57.85-	58.64	60	1399	4.10	95.49
57.05-	57.84	58	1339	3.96	91.40
56.25-	57.04	114	1281	7.78	87.44
55.45-	56.24	136	1167	9.28	79.66
54.65-	55.44	156	1031	10.65	70.38
53.85-	54.64	165	875	11.26	59.73
53.05-	53.84	175	710	11.95	48.46
52.25-	53.04	169	535	11.54	36.52
51.45-	52.24	134	366	9.15	24.98
50.65-	51.44	71	232	4.85	15.84
49.85-	50.64	59	161	4.03	10.99
49.05-	49.84	40	102	2.73	6.96
48.25-	49.04	20	62	1.37	4.23
47.45-	48.24	16	36	1.09	2.37
46.65-	47.44	8	18	.55	1.23
45.85-	46.64	6	10	.55	.68
45.05-	45.84	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
63.35	61.97	99TH	25.76	24.38
59.61	61.38	98TH	23.47	24.05
59.14	60.59	97TH	23.28	23.86
58.49	59.84	96TH	23.03	23.60
57.49	59.37	95TH	22.63	23.22
56.81	58.83	94TH	22.37	22.96
56.28	57.83	93TH	22.16	22.77
55.82	57.41	92TH	21.98	22.60
55.42	57.03	91TH	21.82	22.45
55.05	56.68	90TH	21.67	22.31
54.69	56.35	89TH	21.53	22.19
54.35	56.04	88TH	21.40	22.06
54.01	55.73	87TH	21.27	21.94
53.68	55.42	86TH	21.13	21.82
53.34	55.10	85TH	21.00	21.69
52.98	54.78	84TH	20.86	21.57
52.61	54.44	83TH	20.71	21.43
52.21	54.08	82TH	20.55	21.29
51.75	53.67	81TH	20.37	21.13
51.21	53.20	80TH	20.16	20.95
50.51	52.61	79TH	19.88	20.71
49.42	51.73	78TH	19.46	20.37
48.67	51.17	77TH	19.16	20.15
48.10	50.76	76TH	18.94	19.98
47.14	50.11	75TH	18.56	19.73
46.76	49.73	74TH	18.41	19.58
46.47	49.44	73TH	18.29	19.46
46.18	49.15	72TH	18.18	19.35
45.89	48.86	71TH	18.07	19.24
45.60	48.57	70TH	17.95	19.13
45.31	48.28	69TH	17.84	19.01
45.02	47.99	68TH	17.73	18.90
44.73	47.70	67TH	17.61	18.79
44.44	47.41	66TH	17.50	18.67
44.15	47.12	65TH	17.39	18.56
43.86	46.83	64TH	17.27	18.45
43.57	46.54	63TH	17.16	18.33
43.28	46.25	62TH	17.05	18.22
42.99	45.96	61TH	16.93	18.11
42.70	45.67	60TH	16.82	17.99
42.41	45.38	59TH	16.71	17.88
42.12	45.09	58TH	16.59	17.77
41.83	44.80	57TH	16.48	17.65
41.54	44.51	56TH	16.37	17.54
41.25	44.22	55TH	16.25	17.43
40.96	43.93	54TH	16.14	17.31
40.67	43.64	53TH	16.03	17.20
40.38	43.35	52TH	15.91	17.08
40.09	43.06	51TH	15.80	16.97
39.80	42.77	50TH	15.69	16.85
39.51	42.48	49TH	15.57	16.74
39.22	42.19	48TH	15.46	16.63
38.93	41.90	47TH	15.34	16.51
38.64	41.61	46TH	15.23	16.40
38.35	41.32	45TH	15.12	16.28
38.06	41.03	44TH	15.00	16.17
37.77	40.74	43TH	14.89	16.05
37.48	40.45	42TH	14.77	15.94
37.19	40.16	41TH	14.66	15.82
36.90	39.87	40TH	14.54	15.71
36.61	39.58	39TH	14.43	15.59
36.32	39.29	38TH	14.31	15.48
36.03	39.00	37TH	14.20	15.36
35.74	38.71	36TH	14.08	15.25
35.45	38.42	35TH	13.97	15.13
35.16	38.13	34TH	13.85	15.02
34.87	37.84	33TH	13.74	14.90
34.58	37.55	32TH	13.62	14.79
34.29	37.26	31TH	13.51	14.67
34.00	36.97	30TH	13.39	14.56
33.71	36.68	29TH	13.28	14.44
33.42	36.39	28TH	13.16	14.33
33.13	36.10	27TH	13.05	14.21
32.84	35.81	26TH	12.93	14.10
32.55	35.52	25TH	12.82	13.98
32.26	35.23	24TH	12.70	13.87
31.97	34.94	23TH	12.59	13.75
31.68	34.65	22TH	12.47	13.64
31.39	34.36	21TH	12.36	13.52
31.10	34.07	20TH	12.24	13.41
30.81	33.78	19TH	12.13	13.29
30.52	33.49	18TH	12.01	13.18
30.23	33.20	17TH	11.90	13.06
29.94	32.91	16TH	11.78	12.95
29.65	32.62	15TH	11.67	12.83
29.36	32.33	14TH	11.55	12.72
29.07	32.04	13TH	11.44	12.60
28.78	31.75	12TH	11.32	12.49
28.49	31.46	11TH	11.21	12.37
28.20	31.17	10TH	11.09	12.26
27.91	30.88	9TH	10.98	12.14
27.62	30.59	8TH	10.87	12.03
27.33	30.30	7TH	10.75	11.91
27.04	30.01	6TH	10.64	11.80
26.75	29.72	5TH	10.52	11.68
26.46	29.43	4TH	10.41	11.57
26.17	29.14	3RD	10.29	11.45
25.88	28.85	2ND	10.18	11.34
25.59	28.56	1ST	10.07	11.22

SUMMARY STATISTICS

CENTIMETERS		INCHES
57.90	MEAN	22.80
2.75	SD DEV	1.08

SYMMETRY-BETA 1= -.08
KURTOSIS-BETA 2= 3.13
COEF. OF VAR. = 4.89
NUMBER OF SUBJ. = 1468

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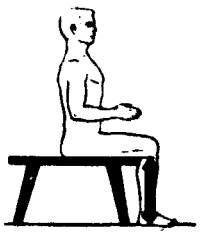
NO. 31 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
POPLITEAL HEIGHT

THE VERTICAL DISTANCE FROM THE FOOTREST SURFACE TO THE UNDERSIDE OF THE TENDON OF THE RIGHT TRICEPS FEMORIS MUSCLE WHERE IT JOINS THE CALF

RANGES (CM)		F	CUMF	FPCT	CUMPCT
52.05-	52.84	1	1465	.07	100.00
51.25-	52.04	0	1464	.00	99.93
50.45-	51.24	0	1464	.00	99.93
49.65-	50.44	2	1464	.14	99.93
48.85-	49.64	8	1462	.41	99.81
48.05-	48.84	21	1456	1.43	99.39
47.25-	48.04	38	1435	2.46	97.95
46.45-	47.24	53	1399	3.62	95.49
45.65-	46.44	125	1346	8.53	91.86
44.85-	45.64	133	1221	9.08	83.34
44.05-	44.84	182	1088	12.42	74.27
43.25-	44.04	205	906	14.27	61.84
42.45-	43.24	222	697	15.15	47.58
41.65-	42.44	152	475	10.38	32.42
40.85-	41.64	124	323	8.46	22.05
40.05-	40.84	80	199	5.46	13.58
39.25-	40.04	55	119	3.75	8.12
38.45-	39.24	34	64	2.32	4.37
37.65-	38.44	20	30	1.37	2.05
36.85-	37.64	8	10	.55	.68
36.05-	36.84	0	2	.00	.14
35.25-	36.04	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
49.68	49.12	99TH	19.16	19.34
49.05	48.45	98TH	19.32	19.07
47.65	48.33	97TH	18.76	18.91
47.12	47.46	95TH	18.55	18.68
46.30	46.80	90TH	18.23	18.35
45.75	46.33	85TH	18.01	18.12
45.32	45.58	80TH	17.84	17.94
44.94	45.19	75TH	17.69	17.79
44.61	44.85	70TH	17.56	17.66
44.29	44.54	65TH	17.44	17.54
44.00	44.25	60TH	17.32	17.42
43.71	43.96	55TH	17.21	17.31
43.42	43.68	50TH	17.09	17.20
43.13	43.40	45TH	16.98	17.09
42.83	43.12	40TH	16.86	16.98
42.53	42.83	35TH	16.74	16.86
42.20	42.52	30TH	16.61	16.74
41.85	42.19	25TH	16.47	16.61
41.45	41.82	20TH	16.32	16.47
40.98	41.40	15TH	16.13	16.30
40.39	40.85	10TH	15.90	16.08
39.49	40.05	5TH	15.55	15.77
38.91	39.52	3RD	15.32	15.56
38.48	39.13	2ND	15.15	15.40
37.80	38.51	1ST	14.88	15.16

SUMMARY STATISTICS

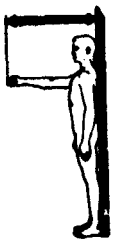
CENTIMETERS		INCHES
43.38	MEAN	17.08
2.70	SD DEV	.91

SYMMETRY-BETA I= -.07
KURTOSIS-BETA II= 3.06
COEF. OF VAR. = 5.31
NUMBER OF SUBJ. = 1465

NO. 32 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FUNCTIONAL REACH

THE HORIZONTAL DISTANCE FROM THE WALL TO THE TIP OF THE RIGHT THUMB MEASURED WITH SUBJECT'S BACK AGAINST WALL, HIS ARM HORIZONTAL, AND HIS INDEX FINGER TOUCHING THE TIP OF HIS THUMB

RANGES (CM)		F	CUMF	FPCT	CUMPCT
96.75-	98.74	1	1462	.07	100.00
94.75-	96.74	1	1461	.07	99.93
92.75-	94.74	2	1460	.14	99.86
90.75-	92.74	5	1458	.34	99.73
88.75-	90.74	26	1453	1.78	99.38
86.75-	88.74	59	1427	4.04	97.61
84.75-	86.74	89	1368	6.09	93.57
82.75-	84.74	178	1279	12.18	87.48
80.75-	82.74	268	1101	18.33	75.31
78.75-	80.74	288	833	19.70	56.98
76.75-	78.74	222	545	15.19	37.28
74.75-	76.74	155	323	10.60	22.09
72.75-	74.74	110	168	7.52	11.49
70.75-	72.74	37	58	2.53	3.97
68.75-	70.74	13	21	.89	1.44
66.75-	68.74	8	8	.55	.55



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
90.21	90.83	99TH	35.51	35.75
88.97	88.55	98TH	35.03	35.02
89.19	89.12	97TH	34.72	34.89
87.14	87.34	95TH	34.31	34.27
85.53	85.47	90TH	33.67	33.64
84.49	84.39	85TH	33.25	33.22
83.61	83.54	80TH	32.92	32.91
82.86	82.93	75TH	32.63	32.64
82.23	82.24	70TH	32.38	32.41
81.64	81.74	65TH	32.14	32.16
81.07	81.22	60TH	31.93	31.95
80.53	80.72	55TH	31.79	31.78
79.99	80.23	50TH	31.49	31.56
79.46	79.73	45TH	31.28	31.39
78.92	79.24	40TH	31.07	31.20
78.36	78.73	35TH	30.85	31.00
77.76	78.20	30TH	30.62	30.79
77.14	77.52	25TH	30.37	30.56
76.44	76.87	20TH	30.09	30.30
75.67	76.22	15TH	29.77	30.01
74.60	75.28	10TH	29.37	29.64
73.68	73.87	5TH	28.77	29.08
72.10	72.38	3RD	28.38	28.72
71.37	72.39	2ND	28.10	28.48
70.24	71.23	1ST	27.65	28.04

SUMMARY STATISTICS

CENTIMETERS		INCHES
80.04	MEAN	31.51
4.28	SD DEV	1.69

SYMMETRY-BETA I= .09
KURTOSIS-BETA II= 3.17
COEF. OF VAR. = 5.35
NUMBER OF SUBJ. = 1462

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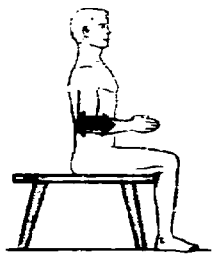
NO. 33 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ABDOMINAL DEPTH, SITTING

THE DEPTH OF THE ABDOMEN MEASURED WITH THE SUBJECT SITTING

RANGES (CM)		F	CUMF	FPCT	CUMPCT
31.73-	32.50	2	1465	.14	100.00
31.95-	31.72	2	1463	.14	99.86
30.17-	30.94	1	1461	.07	99.73
29.39-	30.16	2	1460	.14	99.66
28.61-	29.38	5	1458	.34	99.52
27.83-	28.60	9	1453	.61	99.18
27.05-	27.82	23	1444	1.57	98.57
26.27-	27.04	29	1421	1.98	97.00
25.49-	26.26	42	1392	2.87	95.02
24.71-	25.48	79	1350	5.12	92.15
23.93-	24.70	92	1275	6.28	87.03
23.15-	23.92	134	1183	9.15	80.75
22.37-	23.14	166	1049	11.47	71.60
21.59-	22.36	200	881	13.65	60.14
20.81-	21.58	213	681	14.54	46.48
20.03-	20.80	169	468	11.54	31.95
19.25-	20.02	133	299	9.08	20.41
18.47-	19.24	89	166	6.08	11.33
17.69-	18.46	44	77	3.00	5.26
16.91-	17.68	26	33	1.77	2.25
16.13-	16.90	5	7	.34	.48
15.35-	16.12	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
28.81		99TH	11.34	
27.36		98TH	10.97	
27.28		97TH	10.74	
26.51		95TH	10.44	
25.38		90TH	9.99	
24.66		85TH	9.71	
24.12		80TH	9.49	
23.66		75TH	9.31	
23.26		70TH	9.15	
22.90		65TH	9.02	
22.57		60TH	8.89	
22.26		55TH	8.76	
21.96		50TH	8.64	
21.68		45TH	8.53	
21.37		40TH	8.41	
21.08		35TH	8.30	
20.77		30TH	8.18	
20.45		25TH	8.05	
20.11		20TH	7.92	
19.71		15TH	7.76	
19.23		10TH	7.57	
18.54		5TH	7.30	
18.10		3RD	7.13	
17.78		2ND	7.00	
17.28		1ST	6.80	

SUMMARY STATISTICS

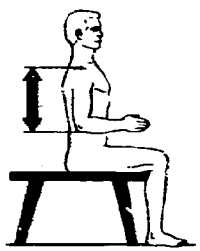
CENTIMETERS		INCHES
22.17	MEAN	8.73
2.44	SD DEV	.96

SYMMETRY-BETA I= .53
KURTOSIS-BETA II= 3.59
COEF. OF VAR. = 10.99
NUMBER OF SUBJ. = 1465

NO. 34 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SHOULDER-ELBOW LENGTH

THE VERTICAL DISTANCE FROM RIGHT ACROMION, THE LATERAL EDGE OF THE ACROMIAL PROCESS OF THE SHOULDER, TO THE BOTTOM OF THE ELBOW

RANGES (CM)		F	CUMF	FPCT	CUMPCT
42.13-	42.70	3	1465	.20	100.00
41.55-	42.12	3	1462	.20	99.86
40.97-	41.54	12	1459	.82	99.59
40.39-	40.96	28	1447	1.91	98.77
39.81-	40.38	39	1419	2.66	96.86
39.23-	39.80	61	1380	4.16	94.20
38.65-	39.22	89	1319	6.08	90.03
38.07-	38.64	111	1230	7.58	83.96
37.49-	38.06	143	1119	9.76	76.38
36.91-	37.48	180	976	12.29	66.62
36.33-	36.90	161	796	10.99	54.33
35.75-	36.32	156	635	11.33	43.34
35.17-	35.74	112	469	7.65	32.01
34.59-	35.16	123	357	8.40	24.37
34.01-	34.58	91	234	5.53	15.97
33.43-	34.00	56	153	3.82	10.44
32.85-	33.42	55	97	3.75	6.62
32.27-	32.84	20	42	1.37	2.87
31.69-	32.26	10	22	.68	1.50
31.11-	31.68	6	12	.41	.82
30.53-	31.10	5	6	.34	.41
29.95-	30.52	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
41.53	39.55	99TH	16.35	15.73
41.03	39.51	98TH	16.15	15.55
40.70	39.22	97TH	16.03	15.44
40.26	38.82	95TH	15.85	15.28
39.55	38.19	90TH	15.57	15.03
39.06	37.76	85TH	15.38	14.86
38.67	37.41	80TH	15.22	14.73
38.32	37.11	75TH	15.09	14.61
38.01	36.85	70TH	14.96	14.51
37.72	36.60	65TH	14.85	14.41
37.44	36.37	60TH	14.74	14.32
37.16	36.15	55TH	14.63	14.23
36.89	35.92	50TH	14.52	14.14
36.62	35.70	45TH	14.42	14.06
36.34	35.48	40TH	14.31	13.97
36.05	35.25	35TH	14.19	13.88
35.75	35.02	30TH	14.07	13.79
35.42	34.76	25TH	13.95	13.68
35.05	34.46	20TH	13.80	13.57
34.64	34.15	15TH	13.64	13.45
34.11	33.75	10TH	13.43	13.29
33.36	33.17	5TH	13.13	13.06
32.98	32.80	3RD	12.95	12.91
32.57	32.54	2ND	12.82	12.81
32.09	32.13	1ST	12.64	12.65

SUMMARY STATISTICS

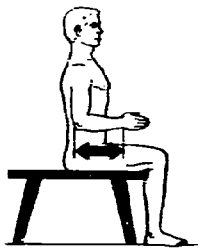
CENTIMETERS		INCHES
36.65	MEAN	14.51
2.09	SD DEV	.82

SYMMETRY-BETA I= -.09
KURTOSIS-BETA II= 2.83
COEF. OF VAR. = 5.68
NUMBER OF SUBJ. = 1465

NO. 35 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ELBOW-WRIST LENGTH

THE DISTANCE FROM THE TIP OF THE RIGHT ELBOW TO THE TIP OF THE STYLOID PROCESS OF THE RADIUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
33.93-	34.50	1	1465	.07	100.00
33.35-	33.92	0	1464	.00	99.93
32.77-	33.34	1	1464	.07	99.93
32.19-	32.76	5	1463	.34	99.86
31.61-	32.18	13	1458	.89	99.52
31.03-	31.60	26	1445	1.77	98.63
30.45-	31.02	40	1419	2.73	96.86
29.87-	30.44	124	1379	8.46	94.13
29.29-	29.86	126	1255	8.60	85.67
28.71-	29.28	205	1129	13.99	77.06
28.13-	28.70	192	924	13.11	63.07
27.55-	28.12	202	732	13.79	49.97
26.97-	27.54	191	530	13.04	36.18
26.39-	26.96	133	339	9.08	23.14
25.81-	26.38	94	206	6.42	14.06
25.23-	25.80	47	112	3.21	7.65
24.65-	25.22	31	65	2.12	4.44
24.07-	24.64	23	34	1.57	2.32
23.49-	24.06	7	11	.48	.75
22.91-	23.48	2	4	.14	.27
22.33-	22.90	1	2	.07	.14
21.75-	22.32	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
32.17	33.40	99TH	12.67	13.15
31.67	32.98	98TH	12.47	12.98
31.37	32.71	97TH	12.35	12.88
30.98	32.35	95TH	12.23	12.74
30.40	31.81	90TH	11.97	12.52
30.02	31.45	85TH	11.82	12.38
29.72	31.16	80TH	11.70	12.27
29.46	30.92	75TH	11.60	12.17
29.22	30.70	70TH	11.50	12.09
29.00	30.51	65TH	11.42	12.01
28.79	30.32	60TH	11.34	11.94
28.59	30.14	55TH	11.26	11.87
28.38	29.97	50TH	11.17	11.80
28.18	29.79	45TH	11.09	11.73
27.96	29.62	40TH	11.01	11.66
27.74	29.44	35TH	10.92	11.59
27.50	29.25	30TH	10.83	11.52
27.24	29.04	25TH	10.72	11.43
26.94	28.81	20TH	10.61	11.34
26.60	28.55	15TH	10.47	11.24
26.15	28.21	10TH	10.30	11.11
25.48	27.71	5TH	10.03	10.91
25.04	27.37	3RD	9.86	10.78
24.72	27.12	2ND	9.73	10.68
24.22	26.71	1ST	9.54	10.52

SUMMARY STATISTICS

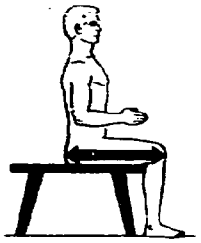
CENTIMETERS		INCHES
28.33	MEAN	11.15
1.67	SD DEV	.66

SYMMETRY-BETA I= -.14
KURTOSIS-BETA II= 3.19
COEF. OF VAR. = 5.89
NUMBER OF SUBJ. = 1465

NO. 36 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BUTTOCK-KNEE LENGTH

THE HORIZONTAL DISTANCE FROM THE REARMOST SURFACE OF THE RIGHT BUTTOCK TO THE FRONT SURFACE OF THE KNEECAP

RANGES (CM)		F	CUMF	FPCT	CUMPCT
68.85-	68.64	2	1465	.14	100.00
67.25-	68.04	3	1463	.20	99.86
66.45-	67.24	4	1460	.27	99.66
65.65-	66.44	14	1456	.96	99.39
64.85-	65.64	27	1442	1.84	98.43
64.05-	64.84	49	1415	3.34	96.59
63.25-	64.04	69	1366	4.71	93.24
62.45-	63.24	106	1297	7.24	88.53
61.65-	62.44	133	1191	9.08	81.30
60.85-	61.64	171	1058	11.67	72.22
60.05-	60.84	167	887	11.40	60.55
59.25-	60.04	156	720	10.78	49.15
58.45-	59.24	174	564	11.88	38.36
57.65-	58.44	134	385	9.15	26.48
56.85-	57.64	103	254	7.03	17.34
56.05-	56.84	71	151	4.85	10.31
55.25-	56.04	36	80	2.46	5.46
54.45-	55.24	23	44	1.57	3.00
53.65-	54.44	16	21	1.09	1.43
52.85-	53.64	1	5	.07	.34
52.05-	52.84	2	4	.14	.27
51.25-	52.04	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
66.00	67.26	99TH	26.00	26.48
65.43	65.29	98TH	25.75	26.10
64.99	65.71	97TH	25.59	25.87
64.42	64.96	95TH	25.34	25.57
63.49	63.86	90TH	25.00	25.14
62.85	63.15	85TH	24.74	24.86
62.33	62.61	80TH	24.54	24.65
61.89	62.14	75TH	24.37	24.47
61.49	61.74	70TH	24.21	24.31
61.12	61.36	65TH	24.06	24.16
60.77	61.01	60TH	23.92	24.02
60.43	60.65	55TH	23.79	23.89
60.10	60.34	50TH	23.66	23.76
59.76	60.01	45TH	23.53	23.63
59.43	59.68	40TH	23.40	23.50
59.09	59.34	35TH	23.26	23.36
58.73	58.97	30TH	23.12	23.22
58.34	58.58	25TH	22.97	23.06
57.91	58.14	20TH	22.80	22.89
57.41	57.67	15TH	22.60	22.69
56.79	56.99	10TH	22.36	22.44
55.80	56.05	5TH	22.00	22.07
55.28	55.44	3RD	21.77	21.83
54.85	54.99	2ND	21.59	21.65
54.15	54.31	1ST	21.32	21.38

SUMMARY STATISTICS

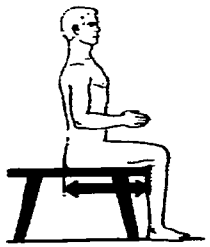
CENTIMETERS		INCHES
63.12	MEAN	23.87
2.59	SD DEV	1.02

SYMMETRY-BETA I= .02
KURTOSIS-BETA II= 7.30
COEF. OF VAR. = 4.30
NUMBER OF SUBJ. = 1465

NO. 37 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BUTTOCK-POPLITEAL LENGTH

THE HORIZONTAL DISTANCE FROM THE REARMOST SURFACE OF THE RIGHT BUTTOCK TO THE BACK OF THE CALF AS MEASURED USING A SCALE ON THE TABLE TOP

RANGES (CM)		F	CUMF	FPCT	CUMPCT
56.75-	57.54	1	1465	.07	100.00
55.95-	56.74	1	1464	.07	99.93
55.15-	55.94	3	1463	.20	99.86
54.35-	55.14	10	1460	.68	99.66
53.55-	54.34	28	1450	1.91	98.98
52.75-	53.54	46	1422	3.14	97.06
51.95-	52.74	73	1376	4.98	93.92
51.15-	51.94	111	1303	7.58	88.94
50.35-	51.14	125	1192	8.53	81.37
49.55-	50.34	155	1067	10.58	72.83
48.75-	49.54	198	912	13.52	62.25
47.95-	48.74	169	714	11.54	48.74
47.15-	47.94	147	545	10.03	37.20
46.35-	47.14	119	398	8.12	27.17
45.55-	46.34	107	279	7.30	19.04
44.75-	45.54	81	172	5.53	11.74
43.95-	44.74	39	91	2.66	6.21
43.15-	43.94	23	52	1.57	3.55
42.35-	43.14	11	29	.75	1.98
41.55-	42.34	11	18	.75	1.23
40.75-	41.54	2	7	.14	.48
39.95-	40.74	5	5	.34	.34



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
54.38	56.64	99TH	21.41	22.30
53.90	55.78	98TH	21.22	21.96
53.54	55.27	97TH	21.08	21.76
53.02	54.68	95TH	20.87	21.50
52.14	53.63	90TH	20.53	21.11
51.51	53.10	85TH	20.28	20.86
51.00	52.50	80TH	20.08	20.67
50.56	52.08	75TH	19.90	20.50
50.16	51.69	70TH	19.75	20.35
49.79	51.34	65TH	19.60	20.21
49.43	51.01	60TH	19.46	20.08
49.10	50.68	55TH	19.33	19.95
48.76	50.36	50TH	19.20	19.83
48.43	50.03	45TH	19.07	19.70
48.09	49.70	40TH	18.93	19.57
47.74	49.36	35TH	18.80	19.43
47.38	49.00	30TH	18.65	19.29
45.99	48.60	25TH	18.50	19.13
46.54	48.15	20TH	18.32	18.96
46.03	47.65	15TH	18.12	18.76
45.37	47.02	10TH	17.86	18.51
44.[illegible]	46.11	5TH	17.46	18.15
43.[illegible]	45.56	3RD	17.19	17.94
43.13	45.17	2ND	16.98	17.78
42.24	44.21	1ST	16.63	17.56

SUMMARY STATISTICS

CENTIMETERS		INCHES
48.74	MEAN	19.19
2.63	SD DEV	1.03

SYMMETRY-BETA I= -.13
KURTOSIS-BETA II= 2.99
COEF. OF VAR. = 5.39
NUMBER OF SUBJ. = 1465

NO. 38 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BIACROMIAL BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE LATERAL EDGES OF THE ACROMIAL PROCESSES OF THE RIGHT AND LEFT SHOULDERS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
46.75-	45.54	6	1465	.41	100.00
43.95-	44.74	8	1459	.55	99.59
43.15-	43.94	14	1451	.96	99.04
42.35-	43.14	28	1437	1.91	98.09
41.55-	42.34	56	1409	3.82	96.18
40.75-	41.54	69	1353	4.71	92.35
39.95-	40.74	112	1284	7.65	87.65
39.15-	39.94	146	1172	9.97	80.00
38.35-	39.14	144	1026	9.83	70.03
37.55-	38.34	156	882	10.65	60.20
36.75-	37.54	127	726	8.67	49.56
35.95-	36.74	86	599	5.87	40.89
35.15-	35.94	72	513	4.91	35.02
34.35-	35.14	73	441	4.98	30.10
33.55-	34.34	57	368	3.89	25.12
32.75-	33.54	69	311	4.71	21.23
31.95-	32.74	63	242	4.30	16.52
31.15-	31.94	56	179	3.82	12.22
30.35-	31.14	53	123	3.62	8.40
29.55-	30.34	36	70	2.46	4.78
28.75-	29.54	18	34	1.23	2.32
27.95-	28.74	14	16	.96	1.09
27.15-	27.94	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
43.98		99TH	17.31	
43.04		98TH	16.94	
42.55		97TH	16.75	
41.97		95TH	16.52	
41.15		90TH	16.20	
40.59		85TH	15.98	
40.11		80TH	15.79	
39.66		75TH	15.61	
39.22		70TH	15.44	
38.78		65TH	15.27	
38.34		60TH	15.09	
37.88		55TH	14.91	
37.48		50TH	14.72	
36.89		45TH	14.53	
36.36		40TH	14.32	
35.79		35TH	14.09	
35.16		30TH	13.84	
34.47		25TH	13.57	
33.68		20TH	13.26	
32.78		15TH	12.90	
31.67		10TH	12.47	
30.23		5TH	11.90	
29.52		3RD	11.62	
29.16		2ND	11.48	
28.95		1ST	11.40	

SUMMARY STATISTICS

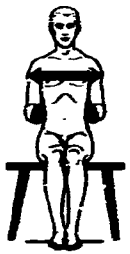
CENTIMETERS		INCHES
36.91	MEAN	14.53
3.60	SD DEV	1.42

SYMMETRY-BETA I= -.40
KURTOSIS-BETA II= 2.44
COEF. OF VAR. = 9.76
NUMBER OF SUBJ. = 1465

NO. 39 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SHOULDER (BIDELTOID) BREADTH

THE HORIZONTAL DISTANCE ACROSS THE MAXIMUM LATERAL PROTRUSIONS OF THE RIGHT AND LEFT DELTOID MUSCLES

RANGES (CM)		F	CUMF	FPCT	CUMPCT
54.45-	55.24	1	1465	.07	100.00
53.65-	54.44	3	1464	.20	99.93
52.85-	53.64	2	1461	.14	99.73
52.05-	52.84	3	1459	.20	99.59
51.25-	52.04	13	1456	.89	99.39
50.45-	51.24	24	1443	1.64	98.50
49.65-	50.44	33	1419	2.25	96.86
48.85-	49.64	95	1386	6.48	94.61
48.05-	48.84	90	1297	6.14	87.85
47.25-	48.04	129	1197	8.81	81.71
46.45-	47.24	150	1068	10.24	72.90
45.65-	46.44	192	918	13.11	62.66
44.85-	45.64	206	726	14.06	49.55
44.05-	44.84	173	520	11.81	35.49
43.25-	44.04	119	347	8.12	23.69
42.45-	43.24	95	228	6.48	15.56
41.65-	42.44	59	133	4.03	9.08
40.85-	41.64	26	74	1.91	5.05
40.05-	40.84	25	48	1.71	3.14
39.25-	40.04	8	21	.55	1.43
38.45-	39.24	7	13	.48	.89
37.65-	38.44	6	6	.41	.41



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
51.64	54.42	99TH	21.33	21.42
50.97	53.71	98TH	20.37	21.15
50.53	53.25	97TH	19.89	20.97
49.92	52.61	95TH	19.66	20.71
49.38	51.61	90TH	19.28	20.32
48.34	50.54	85TH	19.03	20.05
47.84	50.41	80TH	18.83	19.85
47.41	49.35	75TH	18.67	19.67
47.03	49.35	70TH	18.52	19.51
46.68	49.18	65TH	18.38	19.36
46.35	48.83	60TH	18.25	19.22
46.04	48.50	55TH	18.13	19.09
45.73	48.17	50TH	18.00	18.96
45.42	47.85	45TH	17.88	18.84
45.11	47.53	40TH	17.76	18.71
44.79	47.19	35TH	17.64	18.58
44.46	46.85	30TH	17.50	18.44
44.09	46.48	25TH	17.36	18.30
43.68	46.07	20TH	17.20	18.14
43.20	45.60	15TH	17.01	17.95
42.58	45.00	10TH	16.76	17.72
41.60	44.11	5TH	16.38	17.37
40.92	43.52	3RD	16.11	17.14
40.39	43.09	2ND	15.90	16.96
39.49	42.35	1ST	15.55	16.67

SUMMARY STATISTICS

CENTIMETERS		INCHES
45.75	MEAN	18.01
2.53	SD DEV	1.00

SYMMETRY-BETA I= -0.00
KURTOSIS-BETA II= 3.21
COEF. OF VAR. = 5.53
NUMBER OF SUBJ. = 1465

NO. 48 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
KNEE-KNEE BREADTH, SITTING

THE MAXIMUM HORIZONTAL DISTANCE ACROSS THE LATERAL SURFACES OF THE KNEES MEASURED WITH THE KNEES BENT AT RIGHT ANGLES AND TOUCHING SLIGHTLY

RANGES (CM)		F	CUMF	FPCT	CUMPCT
24.75-	25.14	2	1465	.14	100.00
24.35-	24.74	3	1463	.20	99.86
23.95-	24.34	7	1460	.48	99.66
23.55-	23.94	8	1453	.55	99.18
23.15-	23.54	14	1445	.96	98.63
22.75-	23.14	21	1431	1.43	97.68
22.35-	22.74	50	1410	3.41	96.25
21.95-	22.34	79	1360	5.39	92.82
21.55-	21.94	80	1281	5.46	87.44
21.15-	21.54	147	1201	10.03	81.98
20.75-	21.14	144	1054	9.83	71.95
20.35-	20.74	191	910	13.04	62.12
19.95-	20.34	225	719	15.36	49.08
19.55-	19.94	135	494	9.22	33.72
19.15-	19.54	146	359	9.97	24.51
18.75-	19.14	101	213	6.89	14.54
18.35-	18.74	57	112	3.89	7.65
17.95-	18.34	38	55	2.59	3.75
17.55-	17.94	10	17	.68	1.16
17.15-	17.54	2	7	.14	.48
16.75-	17.14	3	5	.20	.34
16.35-	16.74	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
23.83		99TH	9.38	
23.31		98TH	9.18	
23.08		97TH	9.08	
22.62		95TH	8.98	
22.87		90TH	8.69	
21.73		85TH	8.55	
21.47		80TH	8.45	
21.25		75TH	8.36	
21.05		70TH	8.29	
20.88		65TH	8.22	
20.71		60TH	8.15	
20.55		55TH	8.09	
20.40		50TH	8.03	
20.25		45TH	7.97	
20.09		40TH	7.91	
19.93		35TH	7.85	
19.76		30TH	7.78	
19.59		25TH	7.71	
19.39		20TH	7.63	
19.16		15TH	7.54	
18.88		10TH	7.43	
18.49		5TH	7.28	
18.26		3RD	7.19	
18.11		2ND	7.13	
17.89		1ST	7.04	

SUMMARY STATISTICS

CENTIMETERS		INCHES
20.46	MEAN	8.05
1.26	SD DEV	.50

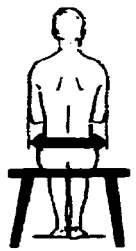
SYMMETRY-BETA I= .30
KURTOSIS-BETA II= 3.23
COEF. OF VAR. = 6.16
NUMBER OF SUBJ. = 1465

NO. 41 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

ELBOW-ELBOW BREADTH

THE HORIZONTAL DISTANCE ACROSS THE LATERAL SURFACES OF THE ELBOWS MEASURED WITH THE ELBOWS FLEXED AND RESTING LIGHTLY AGAINST THE BODY

RANGES (CM)		F	CUMF	PCT	CUMPCT
58.25-	59.24	1	1465	.07	100.00
57.25-	58.24	2	1464	.14	99.93
56.25-	57.24	0	1462	.00	99.80
55.25-	56.24	2	1462	.14	99.80
54.25-	55.24	6	1460	.41	99.66
53.25-	54.24	8	1454	.55	99.25
52.25-	53.24	28	1446	1.91	98.70
51.25-	52.24	38	1418	2.59	96.79
50.25-	51.24	45	1380	3.07	94.20
49.25-	50.24	94	1335	6.42	91.13
48.25-	49.24	96	1241	6.14	84.71
47.25-	48.24	82	1151	5.60	78.57
46.25-	47.24	154	1069	10.51	72.97
45.25-	46.24	164	915	11.19	62.46
44.25-	45.24	140	751	9.56	51.28
43.25-	44.24	160	611	10.92	41.71
42.25-	43.24	145	451	9.90	30.78
41.25-	42.24	103	306	7.03	20.89
40.25-	41.24	96	203	6.55	13.86
39.25-	40.24	51	107	3.48	7.30
38.25-	39.24	28	56	1.91	3.82
37.25-	38.24	19	28	1.30	1.91
36.25-	37.24	5	9	.34	.61
35.25-	36.24	2	4	.14	.27
34.25-	35.24	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
53.67		99TH	21.13	
52.90		96TH	20.83	
52.33		97TH	20.60	
51.50		95TH	20.28	
50.11		90TH	19.73	
49.14		85TH	19.35	
48.36		80TH	19.04	
47.68		75TH	18.77	
47.08		70TH	18.53	
46.53		65TH	18.32	
46.01		60TH	18.12	
45.52		55TH	17.92	
45.05		50TH	17.73	
44.58		45TH	17.55	
44.11		40TH	17.37	
43.64		35TH	17.18	
43.16		30TH	16.99	
42.65		25TH	16.79	
42.09		20TH	16.57	
41.47		15TH	16.33	
40.71		10TH	16.03	
39.61		5TH	15.60	
38.91		3RD	15.32	
38.39		2ND	15.11	
37.54		1ST	14.78	

SUMMARY STATISTICS

CENTIMETERS		INCHES
45.24	MEAN	17.81
3.61	SD DEV	1.42

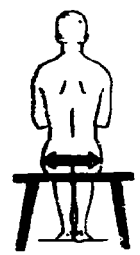
SYMMETRY-BETA I= .27
KURTOSIS-BETA II= 2.89
COEF. OF VAR. = 7.99
NUMBER OF SUBJ. = 1465

NO. 42 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HIP BREADTH

THE HORIZONTAL DISTANCE ACROSS THE WIDEST PORTION OF THE HIPS

RANGES (CM)		F	CUMF	PCT	CUMPCT
41.11-	41.65	1	1463	.07	100.00
40.53-	41.10	4	1462	.27	99.93
39.95-	40.52	4	1458	.27	99.66
39.37-	39.94	9	1454	.62	99.38
38.79-	39.36	16	1445	1.09	98.77
38.21-	38.78	37	1429	2.53	97.68
37.63-	38.20	44	1392	3.01	95.15
37.05-	37.62	79	1348	5.40	92.14
36.47-	37.04	117	1269	8.00	86.74
35.89-	36.46	164	1152	11.21	78.74
35.31-	35.88	155	988	10.59	67.53
34.73-	35.30	198	833	13.53	56.94
34.15-	34.72	161	635	11.00	43.40
33.57-	34.14	144	474	9.84	32.40
32.99-	33.56	124	330	8.48	22.56
32.41-	32.98	89	206	6.08	14.08
31.83-	32.40	47	117	3.21	8.00
31.25-	31.82	32	70	2.19	4.78
30.67-	31.24	18	38	1.23	2.60
30.09-	30.66	10	20	.68	1.37
29.51-	30.08	6	10	.41	.68
28.93-	29.50	3	4	.21	.27
28.35-	28.92	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
39.91	40.23	99TH	15.71	15.84
39.33	39.49	96TH	15.48	15.55
38.96	39.14	95TH	15.34	15.37
38.48	38.47	90TH	15.15	15.15
37.74	37.85	80TH	14.86	14.82
37.25	37.14	75TH	14.66	14.52
36.86	36.75	70TH	14.51	14.47
36.53	36.47	65TH	14.38	14.34
36.24	36.15	60TH	14.27	14.23
35.97	35.89	55TH	14.16	14.17
35.72	35.65	50TH	14.06	14.04
35.47	35.42	45TH	13.97	13.95
35.23	35.21	40TH	13.87	13.86
34.99	34.97	35TH	13.77	13.77
34.74	34.75	30TH	13.68	13.68
34.49	34.52	25TH	13.59	13.59
34.22	34.28	20TH	13.47	13.50
33.93	34.02	15TH	13.36	13.39
33.60	33.72	10TH	13.23	13.28
33.21	33.38	5TH	13.08	13.14
32.72	32.94	1ST	12.88	12.97
31.97	32.39	5TH	12.59	12.71
31.47	31.85	3RD	12.39	12.54
31.09	31.53	2ND	12.24	12.41
30.46	31.11	1ST	12.00	12.21

SUMMARY STATISTICS

CENTIMETERS		INCHES
35.23	MEAN	13.87
1.98	SD DEV	.78

SYMMETRY-BETA I= -.01
KURTOSIS-BETA II= 3.14
COEF. OF VAR. = 5.61
NUMBER OF SUBJ. = 1463

NO. 43 SUMMARY STATISTICS AND FREQUENCY TABLES FOR CHEST DEPTH

THE HORIZONTAL DEPTH OF THE CHEST AT NIPPLE LEVEL MEASURED DURING NORMAL BREATHING

RANGES (CM)		F	CUMF	FPCT	CUMPCT
28.97-	29.54	1	1465	.07	100.00
28.39-	28.96	3	1464	.20	99.93
27.81-	28.38	11	1461	.75	99.73
27.23-	27.80	17	1450	1.16	98.98
26.65-	27.22	24	1433	1.64	97.82
26.07-	26.64	40	1409	2.73	96.18
25.49-	26.06	66	1369	4.51	93.45
24.91-	25.48	96	1303	6.37	88.94
24.33-	24.90	126	1217	8.62	83.07
23.75-	24.32	142	1091	9.69	74.47
23.17-	23.74	186	949	12.92	64.78
22.59-	23.16	209	763	14.27	52.86
22.01-	22.58	175	580	11.95	39.59
21.43-	22.00	126	405	8.74	27.65
20.85-	21.42	111	277	7.58	18.91
20.27-	20.84	74	166	5.05	11.33
19.69-	20.26	47	92	3.21	6.28
19.11-	19.68	28	45	1.91	3.07
18.53-	19.10	12	17	.82	1.16
17.95-	18.52	5	5	.34	.34

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
28.22	29.23	99TH	11.11	11.50
27.53	28.57	98TH	10.84	11.25
27.18	28.19	97TH	10.70	11.10
26.85	27.73	96TH	10.49	10.91
26.56	26.96	95TH	10.19	10.62
26.33	26.53	90TH	9.97	10.43
26.13	26.13	85TH	9.81	10.29
25.81	25.81	80TH	9.68	10.16
25.52	25.52	75TH	9.56	10.05
25.26	25.26	70TH	9.45	9.94
25.10	25.10	65TH	9.34	9.84
24.76	24.76	60TH	9.24	9.75
24.51	24.51	55TH	9.15	9.65
24.26	24.26	50TH	9.05	9.55
24.01	24.01	45TH	8.95	9.45
23.75	23.75	40TH	8.85	9.35
23.47	23.47	35TH	8.75	9.24
23.17	23.17	30TH	8.64	9.12
22.84	22.84	25TH	8.51	8.99
22.46	22.46	20TH	8.37	8.84
21.99	21.99	15TH	8.19	8.66
21.12	21.12	10TH	7.93	8.39
20.32	20.32	5TH	7.77	8.24
20.65	20.65	3RD	7.65	8.17
20.27	20.27	2ND	7.47	7.98
		1ST		

SUMMARY STATISTICS

CENTIMETERS		INCHES
23.29	MEAN	9.17
1.96	SD DEV	.77

SYMMETRY-BETA I= .18
KURTOSIS-BETA II= 2.92
COEF. OF VAR. = 8.40
NUMBER OF SUBJ. = 1465

NO. 44 SUMMARY STATISTICS AND FREQUENCY TABLES FOR WAIST (OMPHALION) DEPTH

THE HORIZONTAL DEPTH OF THE WAIST AT THE LEVEL OF OMPHALION, THE CENTER OF THE UMBILICUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
28.81-	28.58	1	1465	.07	100.00
27.43-	28.30	3	1464	.20	99.93
26.85-	27.42	6	1461	.41	99.73
26.27-	26.84	7	1455	.48	99.32
25.69-	26.26	6	1448	.41	98.84
25.11-	25.68	10	1442	.68	98.43
24.53-	25.16	20	1432	1.37	97.75
23.95-	24.52	26	1412	1.77	96.38
23.37-	23.94	42	1386	2.87	94.61
22.79-	23.36	58	1344	3.96	91.74
22.21-	22.78	74	1286	5.05	87.78
21.63-	22.20	106	1212	7.24	82.73
21.05-	21.62	140	1106	9.56	75.49
20.47-	21.04	123	966	8.40	65.94
19.89-	20.46	204	843	13.92	57.54
19.31-	19.88	154	639	10.51	43.62
18.73-	19.30	154	485	10.51	33.11
18.15-	18.72	134	331	9.15	22.59
17.57-	18.14	82	197	5.60	13.45
16.99-	17.56	73	115	4.98	7.85
16.41-	16.98	28	42	1.91	2.87
15.83-	16.40	11	14	.75	.96
15.25-	15.82	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
26.77	28.12	99TH	10.54	11.07
25.72	27.28	98TH	10.12	10.74
25.11	26.77	97TH	9.89	10.54
24.35	26.11	95TH	9.59	10.28
23.31	25.16	90TH	9.18	9.90
22.67	24.55	85TH	8.92	9.66
22.19	24.08	80TH	8.74	9.48
21.80	23.68	75TH	8.58	9.32
21.46	23.34	70TH	8.45	9.19
21.15	23.03	65TH	8.33	9.07
20.86	22.73	60TH	8.21	8.95
20.66	22.45	55TH	8.11	8.84
20.33	22.18	50TH	8.01	8.73
20.07	21.91	45TH	7.90	8.63
19.82	21.64	40TH	7.80	8.52
19.56	21.37	35TH	7.70	8.41
19.29	21.08	30TH	7.59	8.30
19.00	20.78	25TH	7.48	8.18
18.69	20.44	20TH	7.36	8.05
18.33	20.06	15TH	7.22	7.90
17.91	19.59	10TH	7.05	7.71
17.34	18.91	5TH	6.83	7.45
17.01	18.50	3RD	6.70	7.28
16.68	18.21	2ND	6.61	7.17
16.53	17.77	1ST	6.51	7.00

SUMMARY STATISTICS

CENTIMETERS		INCHES
20.52	MEAN	8.08
2.16	SD DEV	.85

SYMMETRY-BETA I= .59
KURTOSIS-BETA II= 3.46
COEF. OF VAR. = 10.50
NUMBER OF SUBJ. = 1465

NO. 45 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BUTTOCK DEPTH

THE HORIZONTAL DEPTH OF THE BUTTOCKS AT THE LEVEL OF THEIR MAXIMUM PROTRUSION

RANGES (CM)		F	CUMF	FPCT	CUMPCT
30.67-	31.24	1	1466	.07	100.00
30.09-	30.66	0	1465	.00	99.93
29.51-	30.08	0	1465	.00	99.93
28.93-	29.50	1	1465	.07	99.93
28.35-	28.92	1	1464	.07	99.86
27.77-	28.34	5	1463	.34	99.80
27.19-	27.76	11	1458	.75	99.46
26.61-	27.18	12	1447	.82	98.70
26.03-	26.60	20	1435	1.37	97.88
25.45-	26.02	31	1415	2.12	96.52
24.87-	25.44	56	1384	3.82	94.40
24.29-	24.86	68	1328	4.64	90.58
23.71-	24.28	104	1260	7.10	85.94
23.13-	23.70	143	1156	9.76	78.84
22.55-	23.12	181	1013	12.35	69.08
21.97-	22.54	190	832	12.97	56.72
21.39-	21.96	158	642	10.78	43.75
20.81-	21.38	134	484	9.15	32.97
20.23-	20.80	135	350	9.22	23.82
19.65-	20.22	99	215	6.76	14.61
19.07-	19.64	67	116	4.57	7.85
18.49-	19.06	19	49	1.30	3.28
17.91-	18.48	15	30	1.02	1.98
17.33-	17.90	9	15	.61	.96
16.75-	17.32	5	6	.34	.34

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
27.73	28.34	99TH	10.92	11.36
26.97	28.31	98TH	10.62	11.14
26.51	27.35	97TH	10.44	11.00
25.92	27.45	95TH	10.20	10.81
25.05	26.56	90TH	9.86	10.50
24.50	26.12	85TH	9.64	10.28
24.08	25.69	80TH	9.48	10.12
23.72	25.33	75TH	9.34	9.97
23.41	25.10	70TH	9.22	9.84
23.13	24.78	65TH	9.11	9.72
22.87	24.42	60TH	9.00	9.61
22.62	24.15	55TH	8.91	9.51
22.38	23.89	50TH	8.81	9.40
22.13	23.63	45TH	8.71	9.30
21.89	23.37	40TH	8.62	9.20
21.65	23.10	35TH	8.52	9.10
21.39	22.83	30TH	8.42	8.99
21.11	22.53	25TH	8.31	8.87
20.80	22.21	20TH	8.19	8.74
20.45	21.84	15TH	8.05	8.60
20.00	21.38	10TH	7.87	8.42
19.33	20.71	5TH	7.61	8.15
18.90	20.28	3RD	7.44	7.98
18.57	19.95	2ND	7.31	7.86
18.05	19.44	1ST	7.11	7.65

SUMMARY STATISTICS

CENTIMETERS		INCHES
22.46	MEAN	8.84
2.01	SD DEV	.79

SYMMETRY-BETA I= .29
KURTOSIS-BETA II= 3.36
COEF. OF VAR. = 8.95
NUMBER OF SUBJ. = 1465

NO. 46 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
CHEST BREADTH

THE HORIZONTAL BREADTH OF THE CHEST AT NIPPLE LEVEL AS MEASURED WITH LIGHT SKIN CONTACT DURING NORMAL BREATHING

RANGES (CM)		F	CUMF	FPCT	CUMPCT
39.35-	40.14	2	1465	.14	100.00
38.55-	39.34	0	1463	.00	99.86
37.75-	38.54	3	1463	.20	99.86
36.95-	37.74	10	1460	.68	99.66
36.15-	36.94	22	1450	1.50	98.98
35.35-	36.14	23	1428	1.57	97.47
34.55-	35.34	48	1405	3.28	95.90
33.75-	34.54	79	1357	5.39	92.63
32.95-	33.74	110	1278	7.51	87.24
32.15-	32.94	156	1168	10.78	79.73
31.35-	32.14	139	1010	12.98	68.94
30.55-	31.34	216	871	14.74	56.04
29.75-	30.54	212	655	14.47	41.30
28.95-	29.74	167	393	11.40	26.83
28.15-	28.94	112	226	7.65	15.43
27.35-	28.14	58	114	3.96	7.78
26.55-	27.34	35	56	2.39	3.82
25.75-	26.54	15	21	1.02	1.43
24.95-	25.74	4	6	.27	.41
24.15-	24.94	0	2	.00	.14
23.35-	24.14	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
37.07	38.40	99TH	14.60	15.12
36.29	37.51	98TH	14.29	14.81
35.79	37.12	97TH	14.09	14.62
35.13	36.49	95TH	13.83	14.37
34.14	35.56	90TH	13.44	14.00
33.49	34.98	85TH	13.19	13.76
33.00	34.50	80TH	12.99	13.58
32.56	34.12	75TH	12.83	13.43
32.22	33.78	70TH	12.69	13.30
31.89	33.47	65TH	12.55	13.18
31.55	33.19	60TH	12.43	13.07
31.29	32.92	55TH	12.32	12.96
31.01	32.65	50TH	12.21	12.86
30.74	32.39	45TH	12.10	12.75
30.47	32.13	40TH	11.99	12.65
30.19	31.87	35TH	11.89	12.55
29.90	31.59	30TH	11.77	12.44
29.60	31.30	25TH	11.65	12.32
29.26	30.97	20TH	11.52	12.19
28.86	30.60	15TH	11.37	12.05
28.40	30.14	10TH	11.19	11.87
27.68	29.47	5TH	10.90	11.60
27.20	29.05	3RD	10.71	11.44
26.84	28.74	2ND	10.57	11.31
26.24	28.26	1ST	10.33	11.13

SUMMARY STATISTICS

CENTIMETERS		INCHES
31.15	MEAN	12.26
2.26	SD DEV	.89

SYMMETRY-BETA I= .30
KURTOSIS-BETA II= 3.26
COEF. OF VAR. = 7.24
NUMBER OF SUBJ. = 1465

NO. 47 SUMMARY STATISTICS AND FREQUENCY TABLES FOR WAIST (OMPHALION) BREADTH

THE HORIZONTAL BREADTH OF THE WAIST AT THE LEVEL OF OMPHALION, THE CENTER OF THE UMBILICUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
34.63-	35.20	2	1465	.14	100.00
34.05-	34.62	3	1463	.20	99.86
33.47-	34.04	7	1460	.48	99.66
32.89-	33.46	12	1453	.82	99.18
32.31-	32.88	18	1441	1.23	98.36
31.73-	32.30	29	1423	1.98	97.13
31.15-	31.72	46	1394	3.14	95.15
30.57-	31.14	77	1348	5.26	92.01
29.99-	30.56	93	1271	6.35	86.76
29.41-	29.98	106	1178	7.24	80.41
28.83-	29.40	142	1072	9.69	73.17
28.25-	28.82	143	930	9.76	63.48
27.67-	28.24	165	787	11.26	53.72
27.09-	27.66	129	622	8.81	42.46
26.51-	27.08	131	493	8.94	33.65
25.93-	26.50	120	362	8.19	24.71
25.35-	25.92	88	242	6.01	16.52
24.77-	25.34	74	154	5.05	10.51
24.19-	24.76	35	80	2.39	5.46
23.61-	24.18	23	45	1.57	3.07
23.03-	23.60	18	22	1.23	1.50
22.45-	23.02	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
37.53	37.25	99TH	14.78	14.66
37.07	36.50	98TH	14.59	14.29
36.59	35.74	97TH	14.33	14.07
36.07	35.32	95TH	14.20	13.79
35.23	34.10	90TH	13.87	13.39
34.66	33.36	85TH	13.64	13.13
34.20	32.87	80TH	13.46	12.94
33.81	32.46	75TH	13.31	12.78
33.45	32.09	70TH	13.17	12.64
33.13	31.76	65TH	13.04	12.51
32.82	31.45	60TH	12.92	12.38
32.52	31.16	55TH	12.80	12.27
32.23	30.87	50TH	12.69	12.15
31.94	30.58	45TH	12.57	12.04
31.65	30.29	40TH	12.46	11.92
31.35	29.99	35TH	12.34	11.81
31.04	29.67	30TH	12.22	11.68
30.71	29.33	25TH	12.09	11.55
30.35	28.95	20TH	11.94	11.40
29.93	28.52	15TH	11.78	11.23
29.42	27.97	10TH	11.58	11.01
28.69	27.15	5TH	11.29	10.70
28.23	26.68	3RD	11.11	10.50
27.90	26.33	2ND	10.98	10.36
27.40	25.78	1ST	10.79	10.15

SUMMARY STATISTICS

CENTIMETERS		INCHES
28.29	MEAN	11.14
2.22	SD DEV	.88

SYMMETRY-BETA I= .14
KURTOSIS-BETA II= 2.76
COEF. OF VAR. = 7.87
NUMBER OF SUBJ. = 1465

NO. 48 SUMMARY STATISTICS AND FREQUENCY TABLES FOR BI-ILIOCRISTALE BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE SUPERIOR POINTS OF THE ILIA IN THE MIDAXILLARY PLANE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
36.85-	37.42	2	1465	.20	100.00
36.27-	36.84	3	1462	.20	99.80
35.69-	36.26	18	1459	1.23	99.59
35.11-	35.68	38	1441	2.59	98.36
34.53-	35.10	54	1403	3.69	95.77
33.95-	34.52	76	1349	5.19	92.08
33.37-	33.94	117	1273	7.99	86.89
32.79-	33.36	166	1156	11.33	78.91
32.21-	32.78	158	990	10.78	67.58
31.63-	32.20	188	832	12.83	56.79
31.05-	31.62	182	644	12.42	43.96
30.47-	31.04	148	462	10.10	31.54
29.89-	30.46	117	314	7.99	21.43
29.31-	29.88	83	197	5.67	13.45
28.73-	29.30	55	114	3.75	7.78
28.15-	28.72	22	59	1.50	4.03
27.57-	28.14	17	37	1.16	2.53
26.99-	27.56	12	20	.82	1.37
26.41-	26.98	5	8	.34	.55
25.83-	26.40	1	3	.07	.20
25.25-	25.82	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
36.40		99TH	14.33	
35.97		98TH	14.16	
35.67		97TH	14.04	
35.25		95TH	13.88	
34.58		90TH	13.62	
34.12		85TH	13.43	
33.75		80TH	13.29	
33.43		75TH	13.16	
33.14		70TH	13.05	
32.87		65TH	12.94	
32.62		60TH	12.84	
32.38		55TH	12.75	
32.14		50TH	12.65	
31.91		45TH	12.56	
31.67		40TH	12.47	
31.42		35TH	12.37	
31.16		30TH	12.27	
30.87		25TH	12.15	
30.55		20TH	12.03	
30.18		15TH	11.88	
29.70		10TH	11.69	
28.97		5TH	11.40	
28.46		3RD	11.20	
28.07		2ND	11.05	
27.41		1ST	10.79	

SUMMARY STATISTICS

CENTIMETERS		INCHES
32.13	MEAN	12.65
1.90	SD DEV	.75

SYMMETRY-BETA I= -.10
KURTOSIS-BETA II= 3.01
COEF. OF VAR. = 5.92
NUMBER OF SUBJ. = 1465

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NO. 49 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BI-TROCHANTERIC BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE TROCHANTERS MEASURED USING STRONG PRESSURE TO COMPRESS THE FLESH

RANGES (CM)		F	CUMF	FPCT	CUMPCT
39.05-	39.44	2	1464	.14	100.00
38.65-	39.04	2	1462	.14	99.86
38.25-	38.64	2	1460	.14	99.73
37.85-	38.24	10	1458	.68	99.59
37.45-	37.84	18	1448	1.23	98.91
37.05-	37.44	22	1430	1.57	97.68
36.65-	37.04	30	1407	2.05	96.11
36.25-	36.64	43	1377	2.94	94.06
35.85-	36.24	83	1334	5.67	91.12
35.45-	35.84	104	1251	7.10	85.45
35.05-	35.44	114	1147	7.79	78.35
34.65-	35.04	115	1033	7.86	70.56
34.25-	34.64	131	918	8.95	62.70
33.85-	34.24	146	787	9.97	53.76
33.45-	33.84	132	641	9.02	43.78
33.05-	33.44	111	509	7.58	34.76
32.65-	33.04	104	397	7.10	27.12
32.25-	32.64	106	293	7.38	20.01
31.85-	32.24	78	186	5.19	12.64
31.45-	31.84	41	108	2.80	7.45
31.05-	31.44	27	67	1.84	4.64
30.65-	31.04	16	41	1.09	2.80
30.25-	30.64	14	25	.96	1.71
29.85-	29.24	8	11	.55	.75
29.45-	29.84	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
37.95		99TH	14.94	
37.51		98TH	14.77	
37.23		97TH	14.66	
36.84		96TH	14.52	
36.24		90TH	14.27	
35.83		85TH	14.11	
35.51		80TH	13.98	
35.23		75TH	13.87	
34.98		70TH	13.77	
34.74		65TH	13.68	
34.52		60TH	13.59	
34.31		55TH	13.51	
34.10		50TH	13.43	
33.89		45TH	13.34	
33.68		40TH	13.26	
33.47		35TH	13.18	
33.24		30TH	13.09	
32.99		25TH	12.99	
32.72		20TH	12.89	
32.41		15TH	12.76	
32.01		10TH	12.60	
31.45		5TH	12.38	
31.09		3RD	12.24	
30.93		2ND	12.18	
30.43		1ST	11.98	

SUMMARY STATISTICS

CENTIMETERS		INCHES
34.12	MEAN	13.43
1.63	SD DEV	.64

SYMMETRY-BETA I= .06
KURTOSIS-BETA II= 2.91
COEF. OF VAR. = 4.77
NUMBER OF SUBJ. = 1464

NO. 50 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
POSTERIOR NECK LENGTH

THE SURFACE DISTANCE FROM NUCHALE (THE LOWEST PALPABLE POINT OF THE OCCIPUT) TO CERVICALE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
18.99-	19.78	2	1464	.14	100.00
18.21-	18.98	5	1463	.34	99.86
17.43-	18.20	6	1458	.41	99.52
16.65-	17.42	24	1452	1.64	99.11
15.87-	16.64	37	1429	2.53	97.47
15.09-	15.86	48	1390	3.28	94.94
14.31-	15.08	108	1336	7.37	91.66
13.53-	14.30	173	1228	11.81	83.29
12.75-	13.52	149	1055	10.17	71.48
11.97-	12.74	150	906	10.24	61.31
11.19-	11.96	141	757	9.62	51.67
10.41-	11.18	117	616	7.99	42.05
9.63-	10.40	108	499	7.37	34.06
8.85-	9.62	117	391	7.99	26.69
8.07-	8.84	85	274	5.80	18.70
7.29-	8.06	100	189	6.83	12.90
6.51-	7.28	67	89	4.58	6.08
5.73-	6.50	21	26	1.43	1.77
4.95-	5.72	5	5	.34	.34

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
17.68		99TH	6.96	
17.17		98TH	6.76	
16.68		97TH	6.56	
16.07		95TH	6.33	
15.23		90TH	5.99	
14.69		85TH	5.78	
14.38		80TH	5.63	
13.96		75TH	5.50	
13.57		70TH	5.34	
13.17		65TH	5.19	
12.76		60TH	5.02	
12.37		55TH	4.87	
12.02		50TH	4.73	
11.62		45TH	4.58	
11.20		40TH	4.41	
10.70		35TH	4.21	
10.05		30TH	3.96	
9.57		25TH	3.77	
9.07		20TH	3.57	
8.41		15TH	3.31	
7.82		10TH	3.08	
7.19		5TH	2.83	
6.85		3RD	2.70	
6.60		2ND	2.60	
6.28		1ST	2.47	

SUMMARY STATISTICS

CENTIMETERS		INCHES
11.79	MEAN	4.64
2.79	SD DEV	1.18

SYMMETRY-BETA I= -.07
KURTOSIS-BETA II= 2.28
COEF. OF VAR. = 23.65
NUMBER OF SUBJ. = 1465

NO. 51 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WAIST BACK

WAIST (OMPHALION) LEVEL

RANGES (CM)		F	CUMF	FPCT	CUMPCT
53.95-	54.74	4	1465	.27	100.00
53.15-	53.94	3	1461	.	99.73
52.35-	53.14	9	1455	.61	99.52
51.55-	52.34	15	1449	1.02	98.91
50.75-	51.54	26	1434	1.77	97.88
49.95-	50.74	43	1408	2.94	96.11
49.15-	49.94	49	1365	3.34	93.17
48.35-	49.14	95	1316	6.48	89.83
47.55-	48.34	107	1221	7.30	83.34
46.75-	47.54	154	1114	10.51	76.04
45.95-	46.74	183	960	12.49	65.53
45.15-	45.94	181	777	12.99	53.04
44.35-	45.14	171	616	11.67	42.05
43.55-	44.34	143	445	9.76	30.38
42.75-	43.54	112	302	7.65	20.61
41.95-	42.74	74	190	5.05	12.97
41.15-	41.94	51	116	3.48	7.92
40.35-	41.14	31	65	2.12	4.44
39.55-	40.34	16	34	1.09	2.32
38.75-	39.54	12	18	.82	1.23
37.95-	38.74	2	6	.14	.41
37.15-	37.94	3	4	.20	.27
36.35-	37.14	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
52.53	52.57	99TH	20.68	20.70
51.63	51.93	95TH	20.33	20.45
51.06	51.51	97TH	20.11	20.28
50.34	50.33	95TH	19.82	20.05
49.25	50.12	90TH	19.39	19.69
48.53	49.40	85TH	19.11	19.45
47.98	48.91	80TH	18.89	19.26
47.51	48.49	75TH	18.70	19.09
47.09	48.12	70TH	18.54	18.95
46.72	47.78	65TH	18.39	18.81
46.36	47.46	60TH	18.25	18.68
46.02	47.15	55TH	18.12	18.56
45.69	46.85	50TH	17.99	18.44
45.35	46.55	45TH	17.86	18.33
45.02	46.25	40TH	17.72	18.21
44.67	45.94	35TH	17.59	18.09
44.31	45.61	30TH	17.44	17.96
43.92	45.27	25TH	17.29	17.82
43.48	44.89	20TH	17.12	17.67
42.96	44.45	15TH	16.91	17.50
42.31	43.91	10TH	16.66	17.29
41.31	43.16	5TH	16.26	16.97
40.64	42.59	3RD	16.00	16.77
40.14	42.20	2ND	15.80	16.61
39.31	41.59	1ST	15.49	16.37

SUMMARY STATISTICS

CENTIMETERS		INCHES
45.73	MEAN	18.00
2.74	SD DEV	1.08

SYMMETRY-BETA I= .38
KURTOSIS-BETA II= 3.16
COEF. OF VAR. = 5.98
NUMBER OF SUBJ. = 1465

NO. 52 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ANTERIOR NECK LENGTH

THE SURFACE DISTANCE FROM SUPRASTERNALE TO THE JUNCTION IN THE
MIDSAGITTAL PLANE OF THE JAW AND THE NECK

RANGES (CM)		F	CUMF	FPCT	CUMPCT
18.85-	17.44	1	1465	.07	100.00
16.25-	16.84	0	1464	.00	99.93
15.65-	16.24	2	1464	.14	99.93
15.05-	15.64	0	1462	.00	99.78
14.45-	15.04	15	1462	1.02	99.80
13.85-	14.44	12	1447	.82	98.77
13.25-	13.84	13	1435	.88	97.95
12.65-	13.24	38	1422	2.59	97.06
12.05-	12.64	57	1384	3.89	94.47
11.45-	12.04	108	1327	7.37	90.58
10.85-	11.44	152	1219	10.38	83.21
10.25-	10.84	158	1067	11.47	72.83
9.65-	10.24	201	899	13.72	61.37
9.05-	9.64	199	698	13.58	47.65
8.45-	8.84	163	499	11.13	34.06
7.85-	8.44	121	336	8.26	22.94
7.25-	7.84	106	215	7.24	14.68
6.65-	7.24	56	109	3.82	7.44
6.05-	6.64	26	53	1.77	3.62
5.45-	6.04	17	27	1.16	1.84
4.85-	5.44	8	10	.55	.68
4.25-	4.84	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
14.73	12.15	99TH	5.80	4.78
13.88	11.68	95TH	5.47	4.60
13.41	11.42	97TH	5.28	4.50
12.83	11.16	95TH	5.05	4.39
12.05	10.31	90TH	4.74	4.14
11.58	10.14	85TH	4.56	3.99
11.23	9.94	80TH	4.42	3.87
10.93	9.73	75TH	4.30	3.77
10.67	9.35	70TH	4.20	3.68
10.43	9.13	65TH	4.11	3.60
10.21	8.92	60TH	4.02	3.51
9.99	8.72	55TH	3.93	3.43
9.77	8.51	50TH	3.85	3.35
9.55	8.31	45TH	3.76	3.27
9.33	8.09	40TH	3.67	3.19
9.10	7.87	35TH	3.58	3.10
8.85	7.63	30TH	3.48	3.00
8.58	7.37	25TH	3.38	2.90
8.27	7.16	20TH	3.26	2.78
7.92	6.78	15TH	3.12	2.64
7.47	6.23	10TH	2.94	2.45
6.83	5.49	5TH	2.69	2.16
6.45	4.93	3RD	2.54	1.94
6.19	4.66	2ND	2.44	1.81
5.83	3.95	1ST	2.29	1.56

SUMMARY STATISTICS

CENTIMETERS		INCHES
9.79	MEAN	3.85
1.81	SD DEV	.71

SYMMETRY-BETA I= .21
KURTOSIS-BETA II= 3.28
COEF. OF VAR. = 18.53
NUMBER OF SUBJ. = 1465

NO. 53 SUMMARY STATISTICS AND FREQUENCY TABLES FOR WAIST FRONT

THE SURFACE DISTANCE FROM SUPRASTERNALE TO OMPHALION, THE CENTER OF THE UMBILICUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
46.55-	47.34	1	1465	.07	100.00
45.75-	46.54	4	1464	.27	99.93
44.95-	45.74	7	1460	.48	99.67
44.15-	44.94	13	1453	.89	99.18
43.35-	44.14	19	1440	1.30	98.29
42.55-	43.34	35	1421	2.39	97.00
41.75-	42.54	78	1382	5.19	94.37
40.95-	41.74	142	1306	9.69	89.18
40.15-	40.94	128	1164	8.74	79.49
39.35-	40.14	185	1036	12.63	70.72
38.55-	39.34	189	851	12.90	58.09
37.75-	38.54	235	662	16.04	45.19
36.95-	37.74	203	427	13.86	29.15
36.15-	36.94	103	224	7.03	15.29
35.35-	36.14	65	121	4.44	8.26
34.55-	35.34	36	56	2.46	3.82
33.75-	34.54	20	26	1.37	1.77
32.95-	33.74	7	6	.48	.41
32.15-	32.94	1	3	.07	.20
31.35-	32.14	1	2	.07	.14
30.55-	31.34	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
44.57	45.22	99TH	17.55	18.20
43.91	45.15	98TH	17.28	17.85
43.48	44.94	97TH	17.12	17.69
43.08	44.14	95TH	16.96	17.40
41.95	43.28	90TH	16.51	17.03
41.33	42.86	85TH	16.27	16.80
40.95	42.21	80TH	16.13	16.62
40.44	41.82	75TH	15.92	16.47
40.08	41.49	70TH	15.78	16.33
39.76	41.15	65TH	15.65	16.21
39.47	40.89	60TH	15.54	16.10
39.18	40.61	55TH	15.43	15.99
38.91	40.34	50TH	15.32	15.88
38.64	40.06	45TH	15.21	15.77
38.38	39.79	40TH	15.11	15.66
38.11	39.53	35TH	15.01	15.55
37.83	39.20	30TH	14.89	15.43
37.54	38.94	25TH	14.78	15.31
37.21	38.53	20TH	14.65	15.17
36.86	38.13	15TH	14.50	15.01
36.37	37.37	10TH	14.32	14.71
35.66	36.37	5TH	14.04	14.32
35.17	35.51	3RD	13.85	14.00
34.79	35.23	2ND	13.70	13.86
34.14	35.33	1ST	13.44	14.11

SUMMARY STATISTICS

CENTIMETERS		INCHES
39.03	MEAN	15.37
2.21	SD DEV	.87

SYMMETRY-BETA I= .24
KURTOSIS-BETA II= 3.24
COEF. OF VAR. = 5.66
NUMBER OF SUBJ. = 1465

NO. 54 SUMMARY STATISTICS AND FREQUENCY TABLES FOR CROTCH LENGTH

THE SURFACE DISTANCE FROM OMPHALION TO THE WAIST LEVEL ON THE RIGHT SIDE OF THE SUBJECT'S BACK MEASURED THROUGH THE CROTCH AND OVER THE MIDDLE OF THE BUTTOCK

RANGES (CM)		F	CUMF	FPCT	CUMPCT
86.25-	88.24	1	1465	.07	100.00
84.25-	86.24	1	1464	.07	99.93
82.25-	84.24	1	1463	.07	99.86
80.25-	82.24	10	1462	.68	99.80
78.25-	80.24	20	1452	1.37	99.11
76.25-	78.24	41	1432	2.80	97.75
74.25-	76.24	76	1391	5.18	94.95
72.25-	74.24	128	1321	8.19	90.17
70.25-	72.24	151	1201	10.31	81.98
68.25-	70.24	223	1050	15.22	71.67
66.25-	68.24	256	827	17.47	56.45
64.25-	66.24	225	571	15.36	38.98
62.25-	64.24	177	346	12.08	23.62
60.25-	62.24	1[illegible]	169	7.44	11.54
58.25-	60.24	45	60	3.07	4.10
56.25-	58.24	12	15	.82	1.02
54.25-	56.24	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
84.87	81.78	99TH	33.42	32.17
78.88	83.26	98TH	30.92	31.60
77.97	79.37	97TH	30.94	31.25
76.25	78.18	95TH	30.02	30.78
74.22	76.39	90TH	29.22	30.07
72.97	75.20	85TH	28.69	29.61
71.82	74.26	80TH	28.27	29.25
70.92	73.58	75TH	27.92	28.96
70.14	72.98	70TH	27.61	28.66
69.42	72.16	65TH	27.33	28.41
68.76	71.58	60TH	27.07	28.17
68.12	70.99	55TH	26.82	27.95
67.51	70.43	50TH	26.58	27.73
66.98	69.97	45TH	26.34	27.53
66.31	69.31	40TH	26.10	27.29
65.70	68.74	35TH	25.87	27.06
65.07	68.14	30TH	25.62	26.83
64.41	67.51	25TH	25.36	26.58
63.70	66.91	20TH	25.08	26.30
62.89	66.31	15TH	24.76	25.99
61.91	65.03	10TH	24.37	25.60
60.53	63.64	5TH	23.83	25.06
59.67	62.79	3RD	23.49	24.72
59.06	62.19	2ND	23.25	24.48
58.13	61.29	1ST	22.88	24.13

SUMMARY STATISTICS

CENTIMETERS		INCHES
67.83	MEAN	26.71
4.70	SD DEV	1.88

SYMMETRY-BETA I= .36
KURTOSIS-BETA II= 3.15
COEF. OF VAR. = 7.05
NUMBER OF SUBJ. = 1465

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NO. 55 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
VERTICAL TRUNK CIRCUMFERENCE

THE CIRCUMFERENCE OF THE TORSO, MEASURED WITH THE SUBJECT STANDING, THE TAPE PASSING THROUGH HIS CROTCH, OVER HIS RIGHT BUTTOCK AND MIDSHOULDER, AND ALONG THE SMALL OF HIS BACK

RANGES (CM)	F	CUMF	PCT	CUMPCT
199.75- 201.74	1	1465	.07	100.00
197.75- 199.74	5	1464	.34	99.93
195.75- 197.74	5	1459	.34	99.59
193.75- 195.74	5	1454	.34	99.25
191.75- 193.74	17	1449	.69	98.91
189.75- 191.74	21	1432	1.43	98.22
187.75- 189.74	30	1411	2.05	96.79
185.75- 187.74	42	1381	2.87	94.74
183.75- 185.74	44	1326	3.00	91.87
181.75- 183.74	34	1282	2.32	88.87
179.75- 181.74	133	1248	9.08	86.55
177.75- 179.74	146	1115	9.96	77.47
175.75- 177.74	173	969	11.81	67.51
173.75- 175.74	141	796	9.62	55.70
171.75- 173.74	144	655	9.83	46.08
169.75- 171.74	117	511	7.98	34.85
167.75- 169.74	112	394	7.64	26.87
165.75- 167.74	77	282	5.26	19.23
163.75- 165.74	67	205	4.57	13.97
161.75- 163.74	29	138	1.98	9.41
159.75- 161.74	8	109	.55	7.43
157.75- 159.74	10	101	.68	6.89
155.75- 157.74	2	91	.14	6.21
153.75- 155.74	2	89	.14	6.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
183.63	185.33	99TH	72.37	73.00
181.56	183.04	98TH	71.48	72.06
180.13	182.19	97TH	70.92	71.73
179.21	180.25	96TH	70.56	70.96
178.30	177.32	90TH	69.02	69.81
173.38	175.41	85TH	68.26	69.08
171.99	173.32	80TH	67.70	68.27
170.61	172.66	75TH	67.17	67.98
169.49	171.56	70TH	66.77	67.54
168.46	170.56	65TH	66.32	67.15
167.49	169.61	60TH	65.94	66.78
166.57	168.72	55TH	65.58	66.42
165.66	167.84	50TH	65.22	66.08
164.77	166.97	45TH	64.87	65.74
163.87	166.10	40TH	64.52	65.39
162.95	165.21	35TH	64.15	65.04
162.00	164.28	30TH	63.78	64.68
160.97	163.27	25TH	63.37	64.28
159.84	162.15	20TH	62.93	63.84
158.55	160.85	15TH	62.42	63.33
156.95	159.20	10TH	61.79	62.68
154.62	156.67	5TH	60.87	61.66
153.15	154.36	3RD	60.29	61.01
152.07	153.06	2ND	59.87	60.50
150.41	151.50	1ST	59.22	59.64

SUMMARY STATISTICS

CENTIMETERS		INCHES
165.90	MEAN	65.32
7.22	SD DEV	2.84

SYMMETRY-BETA I= .22
KURTOSIS-BETA II= 3.06
COEF. OF VAR. = 4.35
NUMBER OF SUBJ. = 1465

NO. 56 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
NECK CIRCUMFERENCE

THE MAXIMUM CIRCUMFERENCE OF THE NECK INCLUDING THE "ADAM'S APPLE"

RANGES (CM)	F	CUMF	PCT	CUMPCT
43.15- 43.74	4	1462	.27	100.00
42.55- 43.14	7	1461	.48	99.73
41.95- 42.54	24	1454	1.37	99.25
41.35- 41.94	24	1430	1.35	97.88
40.75- 41.34	47	1403	3.21	96.54
40.15- 40.74	78	1356	5.33	92.78
39.55- 40.14	116	1278	7.93	87.47
38.95- 39.54	163	1162	11.15	79.52
38.35- 38.94	173	999	11.83	68.37
37.75- 38.34	214	826	14.64	56.54
37.15- 37.74	175	612	11.97	41.89
36.55- 37.14	156	437	10.67	29.92
35.95- 36.54	161	281	11.02	19.25
35.35- 35.94	45	120	3.08	8.23
34.75- 35.34	38	75	2.60	5.14
34.15- 34.74	19	37	1.30	2.53
33.55- 34.14	9	18	.62	1.23
32.95- 33.54	9	9	.62	.62

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
42.34	43.11	99TH	16.67	17.00
41.96	42.59	98TH	16.52	16.76
41.50	42.21	97TH	16.35	16.61
41.17	41.55	96TH	16.21	16.36
40.44	40.84	90TH	15.94	16.08
40.00	40.41	85TH	15.75	15.92
39.63	39.91	80TH	15.60	15.71
39.31	39.56	75TH	15.48	15.58
39.02	39.26	70TH	15.36	15.46
38.77	38.99	65TH	15.26	15.35
38.52	38.74	60TH	15.17	15.25
38.29	38.49	55TH	15.08	15.15
38.07	38.25	50TH	14.99	15.06
37.85	38.02	45TH	14.90	14.97
37.63	37.78	40TH	14.82	14.88
37.41	37.54	35TH	14.73	14.78
37.18	37.29	30TH	14.64	14.68
36.93	37.02	25TH	14.54	14.58
36.66	36.73	20TH	14.43	14.46
36.35	36.39	15TH	14.31	14.33
35.96	35.97	10TH	14.15	14.16
35.37	35.35	5TH	13.93	13.92
34.97	34.97	3RD	13.77	13.77
34.67	34.65	2ND	13.65	13.65
34.15	34.25	1ST	13.44	13.48

SUMMARY STATISTICS

CENTIMETERS		INCHES
39.14	MEAN	15.32
1.75	SD DEV	.69

SYMMETRY-BETA I= .14
KURTOSIS-BETA II= 2.95
COEF. OF VAR. = 4.59
NUMBER OF SUBJ. = 1465

Best Available Copy

NO. 57 SUMMARY STATISTICS AND FREQUENCY TABLES FOR ARM SCYE CIRCUMFERENCE

THE CIRCUMFERENCE OF THE RIGHT SCYE MEASURED WITH THE TAPE PLACED AS HIGH AS POSSIBLE IN THE ARMPIT AND PASSING OVER ACROMION

RANGES (CM)		F	CUMF	FPCT	CUMPCT
58.75-	60.74	2	1465	.14	100.00
56.75-	58.74	2	1463	.14	99.86
54.75-	56.74	21	1461	1.43	99.73
52.75-	54.74	43	1440	2.94	98.29
50.75-	52.74	96	1397	6.55	95.36
48.75-	50.74	176	1301	12.01	88.81
46.75-	48.74	279	1125	19.04	76.79
44.75-	46.74	316	846	21.57	57.75
42.75-	44.74	288	530	19.66	36.18
40.75-	42.74	167	242	11.40	16.52
38.75-	40.74	48	75	3.28	5.12
36.75-	38.74	19	27	1.30	1.84
34.75-	36.74	8	8	.55	.55

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
55.68		99TH	21.92	
54.50		98TH	21.46	
53.73		97TH	21.15	
52.69		95TH	20.74	
51.09		90TH	20.12	
50.04		85TH	19.70	
49.23		80TH	19.38	
48.55		75TH	19.12	
47.96		70TH	18.88	
47.43		65TH	18.67	
46.93		60TH	18.48	
46.47		55TH	18.29	
46.02		50TH	18.12	
45.57		45TH	17.94	
45.14		40TH	17.77	
44.69		35TH	17.60	
44.24		30TH	17.42	
43.75		25TH	17.22	
43.21		20TH	17.01	
42.59		15TH	16.77	
41.80		10TH	16.45	
40.58		5TH	15.98	
39.73		3RD	15.64	
38.06		2ND	15.00	
37.32		1ST	14.69	

SUMMARY STATISTICS

CENTIMETERS		INCHES
46.21	MEAN	18.19
3.67	SD DEV	1.45

SYMMETRY-BETA I= .22
KURTOSIS-BETA II= 3.24
COEF. OF VAR. = 7.95
NUMBER OF SUBJ. = 1465

NO. 58 SUMMARY STATISTICS AND FREQUENCY TABLES FOR BICEPS CIRCUMFERENCE, RELAXED

THE CIRCUMFERENCE OF THE RIGHT UPPER ARM AT THE LEVEL AT WHICH THE BICEPS, WHEN FLEXED, PROTRUDE MAXIMALLY, MEASURED WITH THE ARM EXTENDED AND THE HAND HELD A FOOT FROM THE BODY

RANGES (CM)		F	CUMF	FPCT	CUMPCT
34.97-	35.54	2	1465	.14	100.00
34.39-	34.96	2	1463	.14	99.86
33.81-	34.38	8	1461	.55	99.73
33.23-	33.80	13	1453	.89	99.18
32.65-	33.22	30	1440	2.05	98.29
32.07-	32.64	40	1410	2.73	96.25
31.49-	32.06	65	1370	4.44	93.52
30.91-	31.48	84	1305	5.73	89.08
30.33-	30.90	129	1221	8.8.	83.34
29.75-	30.32	171	1092	11.67	74.54
29.17-	29.74	141	921	9.62	62.87
28.59-	29.16	177	780	12.08	53.24
28.01-	28.58	138	603	9.42	41.16
27.43-	28.00	136	465	9.28	31.74
26.85-	27.42	141	329	9.62	22.46
26.27-	26.84	65	188	4.44	12.83
25.69-	26.26	62	123	4.23	8.40
25.11-	25.68	32	61	2.18	4.16
24.53-	25.10	19	29	1.30	1.98
23.95-	24.52	10	10	.68	.68

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
34.66	36.70	99TH	13.41	14.45
33.46	35.34	98TH	13.17	14.11
33.09	35.14	97TH	13.03	13.91
32.69	34.69	95TH	12.87	13.66
31.84	33.76	90TH	12.54	13.29
31.34	33.16	85TH	12.34	13.06
30.94	32.70	80TH	12.19	12.88
30.59	32.31	75TH	12.04	12.72
30.28	31.97	70TH	11.92	12.59
29.99	31.65	65TH	11.81	12.46
29.71	31.35	60TH	11.70	12.34
29.45	31.06	55TH	11.59	12.27
29.18	30.77	50TH	11.49	12.11
28.92	30.48	45TH	11.38	12.00
28.65	30.19	40TH	11.28	11.88
28.37	29.88	35TH	11.17	11.76
28.08	29.56	30TH	11.05	11.64
27.76	29.21	25TH	10.93	11.50
27.41	28.82	20TH	10.79	11.35
27.02	28.37	15TH	10.64	11.17
26.53	27.80	10TH	10.45	10.94
25.86	26.96	5TH	10.19	10.62
25.46	26.44	3RD	10.02	10.41
25.19	26.17	2ND	9.92	10.28
24.83	25.57	1ST	9.77	10.05

SUMMARY STATISTICS

CENTIMETERS		INCHES
29.20	MEAN	11.49
2.03	SD DEV	.80

SYMMETRY-BETA I= .18
KURTOSIS-BETA II= 2.77
COEF. OF VAR. = 6.96
NUMBER OF SUBJ. = 1468

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NO. 59 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ELBOW CIRCUMFERENCE, RELAXED

THE CIRCUMFERENCE OF THE RIGHT ELBOW MEASURED WITH THE TAPE PASSING OVER THE TIP OF THE ELBOW, MEASURED WITH THE ARM EXTENDED AND THE HAND HELD A FOOT FROM THE BODY

RANGES (CM)		F	CUMF	PCT	CUMPCT
31.35-	31.74	1	1465	.07	100.00
30.95-	31.34	3	1464	.20	99.93
30.55-	30.94	5	1461	.34	99.73
30.15-	30.54	8	1456	.55	99.39
29.75-	30.14	15	1448	1.02	98.84
29.35-	29.74	17	1433	1.16	97.82
28.95-	29.34	40	1416	2.73	96.67
28.55-	28.94	45	1376	3.07	93.94
28.15-	28.54	78	1331	5.32	90.87
27.75-	28.14	121	1253	8.26	85.55
27.35-	27.74	149	1132	10.21	77.29
26.95-	27.34	156	1183	10.70	80.78
26.55-	26.94	143	979	9.77	66.82
26.15-	26.54	159	836	10.85	57.05
25.75-	26.14	148	651	10.10	44.41
25.35-	25.74	126	503	8.60	34.31
24.95-	25.34	124	377	8.46	25.71
24.55-	24.94	91	253	6.21	17.26
24.15-	24.54	67	161	4.57	10.99
23.75-	23.14	22	94	1.50	6.42
23.35-	23.74	11	72	.75	4.92
22.95-	22.34	16	16	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
29.04	31.12	99TH	11.77	12.26
29.55	30.72	95TH	11.57	12.10
29.[illegible]	30.45	90TH	11.54	11.99
29.39	30.11	85TH	11.41	11.85
29.47	29.90	80TH	11.21	11.84
29.17	29.15	75TH	11.37	11.48
27.94	29.49	70TH	10.95	11.37
27.59	29.27	65TH	10.86	11.27
27.35	29.41	60TH	10.77	11.18
27.18	29.22	55TH	10.70	11.10
26.93	29.10	50TH	10.62	11.02
26.87	27.81	45TH	10.58	10.95
26.62	27.57	40TH	10.48	10.87
26.45	27.44	35TH	10.41	10.80
26.27	27.26	30TH	10.34	10.73
26.05	27.17	25TH	10.27	10.66
25.93	26.97	20TH	10.19	10.58
25.80	26.84	15TH	10.15	10.51
25.65	26.61	10TH	10.09	10.41
25.19	26.17	5TH	9.92	10.30
24.47	25.34	1STH	9.63	10.17
24.60	25.14	7TH	9.51	9.99
24.11	25.10	6TH	9.49	9.88
23.90	24.84	3RD	9.41	9.78
23.58	24.57	1ST	9.29	9.67

SUMMARY STATISTICS

CENTIMETERS		INCHES
28.04	MEAN	10.49
1.49	SD DEV	.59

SYMMETRY-BETA I= .13
KURTOSIS-BETA II= 2.98
COEF. OF VAR. = 5.24
NUMBER OF SUBJ. = 1465

NO. 60 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FOREARM CIRCUMFERENCE, RELAXED

THE CIRCUMFERENCE OF THE RIGHT LOWER ARM AT THE LEVEL AT WHICH THE BRACHIO-RADIALIS MUSCLE, WHEN FLEXED, PROTRUDES MAXIMALLY, MEASURED WITH THE ARM EXTENDED

RANGES (CM)		F	CUMF	PCT	CUMPCT
31.95-	32.34	1	1465	.07	100.00
31.55-	31.94	5	1464	.34	99.93
31.15-	31.54	7	1464	.48	99.59
30.75-	31.14	5	1461	.34	99.12
30.35-	30.74	12	1456	.82	98.78
29.95-	30.34	34	1444	2.32	97.97
29.55-	29.94	32	1410	2.18	95.65
29.15-	29.54	51	1378	3.48	93.47
28.75-	29.14	95	1327	6.48	90.06
28.35-	28.74	96	1232	6.55	83.58
27.95-	28.34	172	1136	11.74	77.03
27.55-	27.94	133	962	9.08	65.29
27.15-	27.54	154	829	10.51	56.22
26.75-	27.14	143	705	9.76	48.12
26.35-	26.74	134	562	9.15	38.36
25.95-	26.34	129	428	8.81	29.22
25.55-	25.94	77	299	5.26	20.41
25.15-	25.54	68	222	4.64	15.15
24.75-	25.14	73	154	4.98	10.51
24.35-	24.74	30	81	2.05	5.53
23.95-	24.34	27	51	1.84	3.48
23.55-	23.94	5	24	.34	1.64
23.15-	23.54	11	19	.75	1.02
22.75-	23.14	2	8	.14	.27
22.35-	22.74	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
30.53	31.70	99TH	12.02	12.48
30.21	31.27	95TH	11.89	12.31
29.99	30.99	90TH	11.81	12.20
29.69	30.62	85TH	11.69	12.05
29.18	30.35	80TH	11.49	11.93
28.82	29.68	75TH	11.35	11.68
29.53	29.38	70TH	11.23	11.57
28.28	29.13	65TH	11.13	11.47
28.05	28.90	60TH	11.04	11.38
27.83	28.70	55TH	10.96	11.30
27.62	28.50	50TH	10.88	11.22
27.42	28.31	45TH	10.89	11.15
27.22	28.13	40TH	10.72	11.07
27.02	27.94	35TH	10.64	11.00
26.82	27.76	30TH	10.56	10.93
26.61	27.57	25TH	10.48	10.85
26.39	27.37	20TH	10.39	10.77
26.15	27.15	15TH	10.29	10.69
25.88	26.91	10TH	10.19	10.60
25.57	26.64	5TH	10.07	10.49
25.18	26.29	1STH	9.91	10.35
24.61	25.79	6TH	9.69	10.15
24.25	25.47	3RD	9.55	10.03
23.98	25.24	2ND	9.44	9.94
23.57	24.88	1ST	9.29	9.79

SUMMARY STATISTICS

CENTIMETERS		INCHES
27.19	MEAN	10.71
1.73	SD DEV	.68

SYMMETRY-BETA I= -.08
KURTOSIS-BETA II= 2.77
COEF. OF VAR. = 5.63
NUMBER OF SUBJ. = 1465

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NO. 61 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WRIST CIRCUMFERENCE

THE CIRCUMFERENCE OF THE RIGHT WRIST AT THE LEVEL OF THE TIP OF THE STYLOID PROCESS OF THE RADIUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
20.75-	21.14	3	1465	.20	100.00
20.35-	20.74	2	1462	.14	99.80
19.95-	20.34	13	1460	.89	99.66
19.55-	19.94	26	1447	1.77	98.77
19.15-	19.54	80	1421	5.46	97.00
18.75-	19.14	105	1341	7.17	91.54
18.35-	18.74	175	1236	11.95	84.37
17.95-	18.34	249	1061	17.00	72.42
17.55-	17.94	239	812	16.31	55.43
17.15-	17.54	244	573	16.66	39.11
16.75-	17.14	156	329	10.38	22.46
16.35-	16.74	78	133	5.32	9.08
15.95-	16.34	36	55	2.46	3.75
15.55-	15.94	13	19	.89	1.30
15.15-	15.54	6	6	.41	.41

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
19.98	20.04	99TH	7.87	7.89
19.75	19.78	98TH	7.77	7.78
19.59	19.58	97TH	7.71	7.66
19.37	19.22	95TH	7.62	7.57
19.01	18.91	90TH	7.48	7.41
18.77	18.55	85TH	7.39	7.30
18.58	18.34	80TH	7.32	7.22
18.42	18.17	75TH	7.25	7.15
18.28	18.02	70TH	7.20	7.10
18.15	17.89	65TH	7.15	7.04
18.03	17.76	60TH	7.10	6.99
17.92	17.64	55TH	7.05	6.94
17.80	17.52	50TH	7.01	6.90
17.69	17.41	45TH	6.97	6.85
17.59	17.29	40TH	6.92	6.81
17.48	17.18	35TH	6.88	6.76
17.38	17.06	30TH	6.84	6.72
17.24	16.93	25TH	6.79	6.67
17.11	16.79	20TH	6.73	6.61
16.95	16.64	15TH	6.67	6.55
16.76	16.45	10TH	6.59	6.48
16.46	16.18	5TH	6.48	6.37
16.26	16.01	3RD	6.40	6.30
16.10	15.83	2ND	6.34	6.24
15.84	15.72	1ST	6.24	6.19

SUMMARY STATISTICS

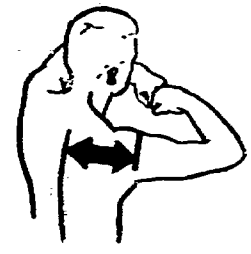
CENTIMETERS		INCHES
17.84	MEAN	7.03
.88	SD DEV	.35

SYMMETRY-BETA I= .20
KURTOSIS-BETA II= 3.08
COEF. OF VAR. = 4.98
NUMBER OF SUBJ. = 1465

NO. 62 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SPINE-TO-SCYE LENGTH

THE SURFACE DISTANCE FROM THE MIDLINE OF THE SPINE TO THE RIGHT SCYE, MEASURED WITH ARMS HELD HORIZONTAL, THE ELBOWS BENT AT RIGHT ANGLES, AND THE FISTS TOUCHING

RANGES (CM)		F	CUMF	FPCT	CUMPCT
31.37-	31.94	1	1465	.07	100.00
30.79-	31.36	6	1464	.39	99.93
30.21-	30.78	4	1464	.27	99.93
29.63-	30.20	7	1460	.48	99.66
29.05-	29.62	10	1453	.68	99.18
28.47-	29.04	24	1443	1.64	98.50
27.89-	28.46	35	1419	2.39	96.86
27.31-	27.88	59	1384	4.03	94.47
26.73-	27.30	71	1325	4.85	90.44
26.15-	26.72	121	1254	8.26	85.60
25.57-	26.14	131	1133	8.94	77.34
24.99-	25.56	121	1002	8.26	68.40
24.41-	24.98	147	881	10.03	60.14
23.83-	24.40	159	734	10.85	50.10
23.25-	23.82	160	575	10.92	39.25
22.67-	23.24	131	415	8.94	28.33
22.09-	22.66	96	284	6.55	19.39
21.51-	22.08	69	188	4.71	12.83
20.93-	21.50	44	119	3.00	8.12
20.35-	20.92	32	75	2.18	5.12
19.77-	20.34	19	43	1.30	2.94
19.19-	19.76	13	24	.89	1.64
18.61-	19.18	6	11	.41	.75
18.03-	18.60	2	5	.14	.34
17.45-	18.02	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
29.86		99TH	11.75	
29.28		98TH	11.53	
28.90		97TH	11.38	
28.38		95TH	11.14	
27.57		90TH	10.85	
27.02		85TH	10.64	
26.58		80TH	10.46	
26.20		75TH	10.32	
25.67		70TH	10.18	
25.56		65TH	10.06	
25.26		60TH	9.95	
24.98		55TH	9.83	
24.70		50TH	9.72	
24.42		45TH	9.62	
24.14		40TH	9.50	
23.85		35TH	9.39	
23.55		30TH	9.27	
23.22		25TH	9.14	
22.85		20TH	9.00	
22.42		15TH	8.83	
21.88		10TH	8.61	
21.05		5TH	8.29	
20.50		3RD	8.07	
20.08		2ND	7.91	
19.40		1ST	7.64	

SUMMARY STATISTICS

CENTIMETERS		INCHES
24.72	MEAN	9.73
2.22	SD DEV	.88

SYMMETRY-BETA I= 0.00
KURTOSIS-BETA II= 2.95
COEF. OF VAR. = 9.00
NUMBER OF SUBJ. = 1465

NO. 63 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SPINE-TO-ELBOW LENGTH

THE SURFACE DISTANCE FROM THE MIDLINE OF THE SPINE TO THE TIP OF THE RIGHT ELBOW MEASURED WITH THE ARMS HELD HORIZONTAL, THE ELBOWS BENT AT RIGHT ANGLES, AND THE FISTS TOUCHING

RANGES (CM)		F	CUMF	FPCT	CUMPCT
68.75-	69.74	1	1465	.07	100.00
67.75-	68.74	0	1464	.00	99.93
66.75-	67.74	3	1464	.20	99.93
65.75-	66.74	4	1461	.27	99.73
64.75-	65.74	15	1457	1.02	99.46
63.75-	64.74	42	1434	2.87	97.81
62.75-	63.74	70	1396	4.78	95.29
61.75-	62.74	94	1326	6.42	90.51
60.75-	61.74	126	1232	8.60	84.09
59.75-	60.74	150	1106	10.24	75.49
58.75-	59.74	179	956	12.22	65.25
57.75-	58.74	238	777	16.25	53.03
56.75-	57.74	177	539	12.08	36.78
55.75-	56.74	171	362	11.68	24.70
54.75-	55.74	87	191	5.94	13.03
53.75-	54.74	79	104	5.39	7.10
52.75-	53.74	41	25	2.80	1.71
51.75-	52.74	16	4	1.09	.27
50.75-	51.74	12	1	.82	.07
49.75-	50.74	4	0	.27	.00
48.75-	49.74	0	1	.00	.07
47.75-	48.74	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
65.41	65.35	99TH	25.75	25.72
64.74	66.19	95TH	25.49	26.06
64.28	65.73	90TH	25.31	25.87
63.81	65.33	85TH	25.13	25.71
63.34	64.99	80TH	24.94	25.59
61.79	63.23	70TH	24.33	24.90
61.19	62.75	65TH	24.09	24.70
60.67	62.35	60TH	23.88	24.54
60.26	61.87	55TH	23.72	24.36
59.77	61.49	50TH	23.53	24.21
59.36	61.14	45TH	23.37	24.07
59.06	60.80	40TH	23.25	23.94
58.58	60.47	35TH	23.06	23.81
58.19	60.14	30TH	22.91	23.68
57.80	59.82	25TH	22.76	23.55
57.41	59.48	20TH	22.60	23.42
56.99	59.13	15TH	22.44	23.28
56.54	58.76	10TH	22.26	23.13
56.04	58.35	5TH	22.06	22.97
55.46	57.89	1TH	21.83	22.79
54.71	57.33	0.5TH	21.54	22.56
53.62	56.62	.1TH	21.11	22.28
52.58	55.95	7MO	20.70	21.99
52.37	55.67	6MO	20.62	21.92
51.42	54.78	1ST	20.24	21.56

SUMMARY STATISTICS

CENTIMETERS		INCHES
54.60	MEAN	23.07
3.03	SD DEV	1.19

SYMMETRY-BETA I= -.31
KURTOSIS-BETA II= 2.99
COEF. OF VAR. = 5.17
NUMBER OF SUBJ. = 1465

NO. 64 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SPINE-TO-WRIST (SLEEVE) LENGTH

THE SURFACE DISTANCE FROM THE SPINE TO THE END OF THE RIGHT ULNAR STYLOID PROCESS MEASURED WITH THE ARMS HELD HORIZONTAL, THE ELBOWS BENT AT RIGHT ANGLES, AND THE FISTS TOUCHING

RANGES (CM)		F	CUMF	FPCT	CUMPCT
98.25-	99.24	1	1466	.07	100.00
97.25-	98.24	4	1465	.27	99.93
96.25-	97.24	7	1461	.48	99.66
95.25-	96.24	9	1454	.61	99.18
94.25-	95.24	20	1445	1.37	98.57
93.25-	94.24	40	1425	2.73	97.20
92.25-	93.24	55	1385	3.75	94.47
91.25-	92.24	79	1330	5.39	90.72
90.25-	91.24	101	1251	6.89	85.32
89.25-	90.24	115	1150	7.85	78.43
88.25-	89.24	132	1035	9.01	70.58
87.25-	88.24	148	903	10.10	61.57
86.25-	87.24	167	755	11.39	51.47
85.25-	86.24	170	588	11.60	40.07
84.25-	85.24	114	418	7.78	28.48
83.25-	84.24	83	304	5.67	20.68
82.25-	83.24	76	221	5.19	15.02
81.25-	82.24	64	145	4.37	9.83
80.25-	81.24	36	81	2.46	5.46
79.25-	80.24	20	45	1.37	3.00
78.25-	79.24	12	25	.82	1.64
77.25-	78.24	8	13	.55	.82
76.25-	77.24	3	5	.20	.27
75.25-	76.24	0	2	.00	.07
74.25-	75.24	1	2	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
95.79	99.37	99TH	37.71	39.00
94.88	94.21	95TH	37.35	38.67
94.27	97.67	90TH	37.11	38.44
93.42	96.90	85TH	36.78	38.11
92.88	96.47	80TH	36.56	37.98
91.15	94.55	70TH	35.89	37.23
90.42	93.92	65TH	35.60	36.94
89.78	93.19	60TH	35.34	36.69
89.28	92.63	55TH	35.12	36.47
88.67	92.11	50TH	34.91	36.26
88.17	91.62	45TH	34.71	36.07
87.69	91.15	40TH	34.52	35.88
87.21	90.69	35TH	34.34	35.71
86.74	90.24	30TH	34.15	35.53
86.26	89.79	25TH	33.96	35.35
85.78	89.32	20TH	33.77	35.17
85.25	88.84	15TH	33.56	34.98
84.69	88.33	10TH	33.34	34.78
84.06	87.77	5TH	33.09	34.56
83.34	87.15	1TH	32.81	34.30
82.43	86.35	.5TH	32.45	34.00
81.07	85.21	.1TH	31.92	33.55
80.18	84.56	3MO	31.57	33.27
79.52	83.97	2MO	31.31	33.06
78.45	83.14	1ST	30.89	32.73

SUMMARY STATISTICS

CENTIMETERS		INCHES
87.23	MEAN	34.34
3.78	SD DEV	1.48

SYMMETRY-BETA I= -.81
KURTOSIS-BETA II= 2.88
COEF. OF VAR. = 4.30
NUMBER OF SUBJ. = 1465

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NO. 65 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BICEPS CIRCUMFERENCE, FLEXED

THE CIRCUMFERENCE OF THE RIGHT UPPER ARM AT THE LEVEL OF MAXIMAL PROTRUSION OF THE BICEPS MEASURED WITH THE ARM BENT, THE UPPER ARM HORIZONTAL, AND THE FIST CLENCHED

RANGES (CM)		F	CUMF	FPCT	CUMPCT
36.97-	37.94	9	1465	.61	100.00
36.39-	36.96	18	1456	1.23	99.39
35.81-	36.38	24	1438	1.64	98.16
35.23-	35.80	45	1414	3.07	96.52
34.65-	35.22	71	1369	4.85	93.45
34.07-	34.64	87	1298	5.94	88.60
33.49-	34.06	135	1211	9.22	82.66
32.91-	33.48	129	1076	8.81	73.45
32.33-	32.90	130	947	8.87	64.64
31.75-	32.32	176	817	12.01	55.77
31.17-	31.74	129	641	8.81	43.75
30.59-	31.16	145	512	9.90	34.95
30.01-	30.58	120	367	8.19	25.05
29.43-	30.00	99	247	6.76	16.86
28.85-	29.42	63	148	4.30	10.10
28.27-	28.84	38	85	2.59	5.80
27.69-	28.26	23	47	1.57	3.21
27.11-	27.68	15	24	1.02	1.64
26.53-	27.10	8	9	.61	.61
25.95-	26.52	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
37.16	39.26	99TH	14.63	15.06
36.71	37.50	95TH	14.45	14.76
36.39	37.18	97TH	14.33	14.64
36.03	36.80	95TH	14.19	14.51
35.17	35.71	90TH	13.84	14.06
34.63	35.11	85TH	13.63	13.82
34.19	34.54	80TH	13.46	13.64
33.81	34.24	75TH	13.31	13.48
33.47	33.99	70TH	13.18	13.38
33.15	33.56	65TH	13.05	13.21
32.85	33.26	60TH	12.93	13.09
32.56	32.96	55TH	12.82	12.98
32.27	32.68	50TH	12.70	12.87
31.98	32.39	45TH	12.59	12.76
31.69	32.11	40TH	12.48	12.64
31.40	31.82	35TH	12.36	12.53
31.39	31.51	30TH	12.24	12.41
31.76	31.19	25TH	12.11	12.28
30.40	30.82	20TH	11.97	12.13
29.98	30.40	15TH	11.80	11.97
29.47	29.93	10TH	11.60	11.78
28.73	29.39	5TH	11.31	11.45
28.26	28.57	3RD	11.12	11.25
27.96	28.19	2ND	11.00	11.10
27.39	27.36	1ST	10.78	10.78

SUMMARY STATISTICS

CENTIMETERS		INCHES
32.63	MEAN	12.71
2.16	SD DEV	.85

SYMMETRY-BETA I= .01
KURTOSIS-BETA II= 2.64
COEF. OF VAR. = 6.69
NUMBER OF SUBJS = 1465

NO. 66 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ELBOW CIRCUMFERENCE, FLEXED

THE CIRCUMFERENCE OF THE RIGHT ELBOW MEASURED OVER THE TIP AND THROUGH THE CRETCH OF THE ELBOW MEASURED WITH THE ARM BENT, THE UPPER ARM HORIZONTAL, AND THE FIST CLENCHED

RANGES (CM)		F	CUMF	FPCT	CUMPCT
47.75-	48.74	1	1465	.07	100.00
46.75-	47.74	6	1464	.41	99.93
45.75-	46.74	6	1453	.41	99.52
44.75-	45.74	13	1452	.89	99.11
43.75-	44.74	14	1439	.96	98.22
42.75-	43.74	17	1425	1.16	97.27
41.75-	42.74	26	1408	1.81	96.11
40.75-	41.74	40	1382	2.73	94.29
39.75-	40.74	68	1351	4.64	91.56
38.75-	39.74	77	1283	5.25	86.92
37.75-	38.74	71	1206	4.85	81.67
36.75-	37.74	96	1142	6.57	77.08
35.75-	36.74	112	1046	7.65	70.51
34.75-	35.74	173	934	11.81	62.86
33.75-	34.74	147	761	10.03	52.63
32.75-	33.74	154	614	10.51	42.59
31.75-	32.74	174	460	11.88	32.08
30.75-	31.74	125	286	8.53	19.51
29.75-	30.74	84	161	5.73	10.98
28.75-	29.74	45	77	3.07	5.25
27.75-	28.74	22	32	1.50	2.18
26.75-	27.74	11	15	.75	1.02
25.75-	26.74	2	4	.14	.27
24.75-	25.74	1	2	.07	.14
23.75-	24.74	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
45.61		99TH	17.95	
44.23		95TH	17.42	
43.32		90TH	17.06	
42.09		85TH	16.57	
41.19		80TH	16.22	
38.95		75TH	15.33	
38.08		70TH	14.99	
37.21		65TH	14.65	
36.53		60TH	14.38	
35.93		55TH	14.14	
35.38		50TH	13.93	
34.87		45TH	13.73	
34.38		40TH	13.54	
33.82		35TH	13.35	
33.42		30TH	13.15	
33.03		25TH	13.00	
32.50		20TH	12.83	
32.12		15TH	12.65	
31.64		10TH	12.46	
31.11		5TH	12.25	
30.47		3RD	12.00	
29.56		2ND	11.64	
29.95		1ST	11.40	
29.42			11.21	
27.68			10.90	

SUMMARY STATISTICS

CENTIMETERS		INCHES
34.92	MEAN	13.75
3.43	SD DEV	1.51

SYMMETRY-BETA I= .63
KURTOSIS-BETA II= 3.20
COEF. OF VAR. = 10.98
NUMBER OF SUBJS = 1465

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NO. 67 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FOREARM CIRCUMFERENCE, FLEXED

THE CIRCUMFERENCE OF THE RIGHT LOWER ARM AT THE LEVEL OF MAXIMAL PROTRUSION OF THE BRACHIO-RADIALIS MUSCLE MEASURED WITH THE ARM BENT, THE UPPER ARM HORIZONTAL, AND THE FIST CLENCHED

RANGES (CM)		F	CUMF	FPCT	CUMPCT
36.65-	37.44	1	1465	.07	100.00
35.85-	36.64	1	1464	.07	99.93
35.05-	35.84	3	1463	.20	99.86
34.25-	35.04	8	1460	.55	99.66
33.45-	34.24	28	1452	1.91	99.11
32.65-	33.44	72	1424	1.90	97.20
31.85-	32.64	94	1352	6.42	95.30
31.05-	31.84	132	1315	9.01	89.87
30.25-	31.04	180	1183	12.28	81.86
29.45-	30.24	223	1035	15.22	70.72
28.65-	29.44	231	813	15.79	55.49
27.85-	28.64	214	582	14.61	39.71
27.05-	27.84	151	368	10.31	25.10
26.25-	27.04	112	217	7.65	14.81
25.45-	26.24	82	105	5.60	7.16
24.65-	25.44	35	53	2.39	3.62
23.85-	24.64	18	18	1.23	1.23
23.05-	23.84	5	5	.34	.34
22.25-	23.04	5	5	.34	.34

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
34.30	33.71	99TH	13.50	13.27
33.63	33.18	98TH	13.24	13.06
33.22	32.86	97TH	13.08	12.94
32.67	32.43	95TH	12.86	12.77
31.97	31.90	90TH	12.58	12.52
31.34	31.39	85TH	12.34	12.36
30.92	31.07	80TH	12.17	12.23
30.57	30.79	75TH	12.04	12.12
30.26	30.55	70TH	11.91	12.03
29.97	30.33	65TH	11.80	11.94
29.69	30.12	60TH	11.69	11.86
29.43	29.92	55TH	11.59	11.78
29.17	29.72	50TH	11.48	11.70
28.90	29.53	45TH	11.38	11.63
28.64	29.33	40TH	11.28	11.55
28.36	29.13	35TH	11.17	11.47
28.07	28.92	30TH	11.05	11.38
27.76	28.69	25TH	10.93	11.29
27.40	28.43	20TH	10.79	11.19
26.99	28.14	15TH	10.63	11.08
26.46	27.77	10TH	10.42	10.93
25.67	27.23	5TH	10.11	10.72
25.15	26.49	3RD	9.90	10.58
24.77	26.64	2ND	9.75	10.49
24.17	26.25	1ST	9.52	10.33

SUMMARY STATISTICS

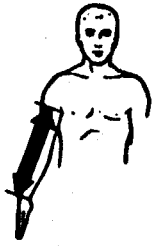
CENTIMETERS		INCHES
29.17	MEAN	11.49
2.11	SD DEV	.83

SYMMETRY-BETA I= .03
KURTOSIS-BETA II= 3.21
COEF. OF VAR. = 7.25
NUMBER OF SUBJ. = 1465

NO. 68 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SLEEVE INSEAM

THE DISTANCE FROM THE ANTERIOR FOLD OF THE RIGHT ARMPIT TO THE BASE OF THE THUMB MEASURED WITH THE SLEEVE INSEAM TOOL

RANGES (CM)		F	CUMF	FPCT	CUMPCT
60.25-	61.24	5	1465	.34	100.00
59.25-	60.24	5	1460	.34	99.66
58.25-	59.24	12	1455	.82	99.32
57.25-	58.24	15	1443	1.02	98.50
56.25-	57.24	41	1428	2.80	97.47
55.25-	56.24	62	1387	4.23	94.68
54.25-	55.24	69	1325	4.71	90.44
53.25-	54.24	103	1256	7.03	85.73
52.25-	53.24	96	1153	6.55	78.70
51.25-	52.24	141	1057	8.96	72.15
50.25-	51.24	184	926	12.56	63.21
49.25-	50.24	193	742	13.17	50.65
48.25-	49.24	156	549	10.65	37.47
47.25-	48.24	136	393	9.28	26.83
46.25-	47.24	101	257	6.89	17.54
45.25-	46.24	67	156	4.57	10.65
44.25-	45.24	45	89	3.07	6.08
43.25-	44.24	27	44	1.84	3.00
42.25-	43.24	9	17	.61	1.16
41.25-	42.24	5	8	.34	.55
40.25-	41.24	2	3	.14	.20
39.25-	40.24	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
58.69		99TH	23.11	
57.80		98TH	22.76	
57.20		97TH	22.52	
56.35		95TH	22.18	
55.00		90TH	21.65	
54.07		85TH	21.29	
53.34		80TH	21.00	
52.72		75TH	20.75	
52.16		70TH	20.54	
51.65		65TH	20.34	
51.18		60TH	20.15	
50.73		55TH	19.97	
50.28		50TH	19.80	
49.85		45TH	19.63	
49.42		40TH	19.46	
48.98		35TH	19.28	
48.52		30TH	19.10	
48.03		25TH	18.91	
47.50		20TH	18.70	
46.90		15TH	18.46	
46.15		10TH	18.17	
45.06		5TH	17.74	
44.35		3RD	17.46	
43.82		2ND	17.25	
42.96		1ST	16.91	

SUMMARY STATISTICS

CENTIMETERS		INCHES
50.45	MEAN	19.86
3.43	SD DEV	1.35

SYMMETRY-BETA I= .19
KURTOSIS-BETA II= 2.91
COEF. OF VAR. = 6.80
NUMBER OF SUBJ. = 1465

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NO. 69 ✱ SUMMARY STATISTICS AND FREQUENCY TABLES FOR DELTOID ARC

THE SURFACE DISTANCE FROM THE RIGHT ACHEMION (THE LATERAL EDGE OF THE ACROMIAL SPINE) TO THE POINT, JUST BELOW THE DELTOID, WHERE THE MUSCLE DISAPPEARS FROM VIEW

RANGES (CM)		F	CUMF	FPCT	CUMPCT
23.47-	24.24	1	1469	.07	100.00
22.69-	23.46	1	1468	.07	99.93
22.31-	22.68	2	1463	.14	99.86
21.73-	22.30	3	1461	.20	99.72
21.15-	21.72	4	1457	.27	99.52
20.57-	21.14	24	1454	1.64	99.25
19.99-	20.56	21	1430	1.43	97.61
19.41-	19.98	48	1409	3.27	96.18
18.83-	19.40	66	1361	4.51	92.91
18.25-	18.82	94	1295	6.42	88.40
17.67-	18.24	152	1201	10.44	81.98
17.09-	17.66	116	1049	7.90	71.54
16.51-	17.08	144	933	9.81	63.64
15.93-	16.50	147	789	10.01	53.83
15.35-	15.92	145	642	9.88	43.82
14.77-	15.34	147	497	10.02	33.94
14.19-	14.76	81	350	5.52	23.92
13.61-	14.18	87	269	5.93	18.37
13.03-	13.60	48	182	3.27	12.43
12.45-	12.92	34	134	2.32	9.16
11.87-	12.44	19	100	1.30	6.83
11.29-	11.86	8	81	.55	5.53
10.71-	11.28	4	73	.27	4.98
10.13-	10.70	5	69	.34	4.71
9.55-	10.12	2	64	.14	4.37

FREQUENCIES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
21.41	19.67	99TH	8.43	7.74
20.97	19.39	95TH	8.26	7.63
20.53	19.11	90TH	8.08	7.52
20.12	18.83	85TH	7.92	7.41
19.38	18.55	80TH	7.63	7.30
18.87	18.26	75TH	7.43	7.19
18.46	18.08	70TH	7.27	6.87
18.19	17.71	65TH	7.16	6.97
17.78	17.50	60TH	7.00	6.86
17.48	17.31	55TH	6.88	6.82
17.23	16.14	50TH	6.78	6.35
16.93	15.37	45TH	6.67	6.29
16.67	15.31	40TH	6.56	6.23
16.40	15.08	35TH	6.46	6.18
16.13	15.34	30TH	6.35	6.16
15.84	14.94	25TH	6.24	5.94
15.57	14.17	20TH	6.13	5.57
15.27	14.11	15TH	6.01	5.51
14.97	14.05	10TH	5.89	5.53
14.61	14.07	5TH	5.74	5.54
14.22	13.79	1TH	5.61	5.43
13.25	13.34	5TH	5.22	5.47
12.77	13.62	3RD	5.03	5.36
12.46	13.44	2ND	4.89	5.29
11.82	13.15	1ST	4.65	5.18

SUMMARY STATISTICS

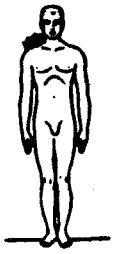
CENTIMETERS		INCHES
16.66	MEAN	6.56
2.10	SD DEV	.83

SYMMETRY-BETA I= -.02
KURTOSIS-BETA II= 3.08
COEF. OF VAR. = 12.63
NUMBER OF SUBJ. = 1465

NO. 70 ✱ SUMMARY STATISTICS AND FREQUENCY TABLES FOR SHOULDER LENGTH

THE SURFACE DISTANCE FROM THE JUNCTION OF THE RIGHT SHOULDER AND THE NECK TO ACROMION, THE LATERAL EDGE OF THE ACROMIAL SPINE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
20.25-	20.84	1	1465	.07	100.00
19.65-	20.24	3	1464	.20	99.93
19.05-	19.64	5	1461	.34	99.73
18.45-	19.04	6	1456	.41	99.39
17.85-	18.44	9	1450	.61	98.98
17.25-	17.84	21	1441	1.43	98.38
16.65-	17.24	28	1420	1.37	96.93
16.05-	16.64	71	1398	4.85	95.56
15.45-	16.04	111	1329	7.58	90.72
14.85-	15.44	165	1216	11.26	83.14
14.25-	14.84	161	1053	10.99	71.88
13.65-	14.24	160	892	11.47	60.89
13.05-	13.64	134	724	9.17	49.42
12.45-	13.04	127	594	8.67	40.55
11.85-	12.44	86	467	5.87	31.88
11.25-	11.84	48	381	3.28	26.01
10.65-	11.24	75	333	5.12	22.73
10.05-	10.64	66	258	4.51	17.61
9.45-	10.04	94	192	6.42	13.11
8.85-	9.44	48	98	3.28	6.69
8.25-	8.84	34	50	2.32	3.41
7.65-	8.24	10	16	.68	1.09
7.05-	7.64	4	6	.27	.41
6.45-	7.04	2	2	.14	.14



FREQUENCIES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
18.49		99TH	7.28	
17.59		95TH	6.92	
17.14		90TH	6.75	
16.65		85TH	6.55	
16.32		80TH	6.31	
15.84		75TH	6.16	
15.53		70TH	6.02	
15.04		65TH	5.92	
14.76		60TH	5.81	
14.49		55TH	5.70	
14.21		50TH	5.59	
13.92		45TH	5.48	
13.61		40TH	5.36	
13.29		35TH	5.23	
12.95		30TH	5.10	
12.58		25TH	4.95	
12.17		20TH	4.79	
11.72		15TH	4.61	
11.20		10TH	4.41	
10.60		5TH	4.17	
9.88		3RD	3.93	
9.36		2ND	3.53	
8.54		1ST	3.36	
8.36			3.29	
8.35			3.29	

SUMMARY STATISTICS

CENTIMETERS		INCHES
13.31	MEAN	5.24
2.36	SD DEV	.93

SYMMETRY-BETA I= .28
KURTOSIS-BETA II= 2.88
COEF. OF VAR. = 17.72
NUMBER OF SUBJ. = 1469

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NO. 71 SUMMARY STATISTICS AND FREQUENCY TABLES FOR SHOULDER CIRCUMFERENCE

THE MAXIMUM HORIZONTAL CIRCUMFERENCE OF THE SHOULDERS MEASURED AT THE LEVEL OF THE GREATEST LATERAL PROTRUSION OF THE DELTOID MUSCLES

RANGES (CM)	F	CUMF	FPCT	CUMPCT
134.75- 136.74	2	1465	.14	100.00
132.75- 134.74	2	1463	.14	99.86
130.75- 132.74	7	1461	.48	99.73
128.75- 130.74	12	1454	.82	99.25
126.75- 128.74	22	1442	1.51	98.43
124.75- 126.74	29	1414	1.98	96.92
122.75- 124.74	77	1359	5.26	92.76
120.75- 122.74	106	1282	7.24	87.51
118.75- 120.74	153	1176	10.44	80.27
116.75- 118.74	185	1023	12.63	69.83
114.75- 116.74	196	838	13.38	57.20
112.75- 114.74	205	642	13.99	43.82
110.75- 112.74	175	437	11.95	29.83
108.75- 110.74	105	262	7.17	17.88
106.75- 108.74	78	157	5.32	10.72
104.75- 106.74	40	79	2.73	5.39
102.75- 104.74	27	39	1.84	2.66
100.75- 102.74	4	12	.27	.82
98.75- 100.74	4	8	.27	.55
96.75- 98.74	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
130.04	131.37	99TH	51.23	51.96
129.29	130.24	98TH	50.91	51.28
127.18	129.13	97TH	50.07	50.84
125.69	127.61	96TH	49.49	50.24
123.41	126.28	90TH	48.59	49.72
121.90	123.73	85TH	47.99	48.71
120.71	122.52	80TH	47.53	48.24
119.70	121.49	75TH	47.13	47.83
119.01	120.58	70TH	46.77	47.47
117.98	119.75	65TH	46.45	47.15
117.21	118.98	60TH	46.15	46.84
116.47	118.24	55TH	45.85	46.55
115.74	117.51	50TH	45.57	46.27
115.02	116.80	45TH	45.29	45.98
114.29	116.08	40TH	45.01	45.70
113.54	115.35	35TH	44.73	45.41
112.76	114.58	30TH	44.39	45.11
111.92	113.75	25TH	44.06	44.78
110.98	112.83	20TH	43.69	44.42
109.91	111.77	15TH	43.27	44.00
108.56	110.42	10TH	42.74	43.47
106.50	108.37	5TH	41.95	42.68
105.26	105.88	3RD	41.46	41.70
104.31	1[illegible].32	2ND	41.07	41.[illegible]
102.79	104.17	1ST	40.47	41.01

SUMMARY STATISTICS

CENTIMETERS		INCHES
115.87	MEAN	45.62
5.83	SD DEV	2.29

SYMMETRY-BETA I= .11
KURTOSIS-BETA II= 3.13
COEF. OF VAR. = 5.03
NUMBER OF SUBJ. = 1465

NO. 72 SUMMARY STATISTICS AND FREQUENCY TABLES FOR CHEST CIRCUMFERENCE

THE MAXIMUM HORIZONTAL CIRCUMFERENCE OF THE CHEST MEASURED AT THE LEVEL OF THE NIPPLES DURING NORMAL BREATHING

RANGES (CM)	F	CUMF	FPCT	CUMPCT
118.75- 120.74	1	1465	.07	100.00
116.75- 118.74	1	1464	.07	99.93
114.75- 116.74	1	1463	.07	99.86
112.75- 114.74	3	1462	.20	99.80
110.75- 112.74	9	1459	.61	99.59
108.75- 110.74	9	1450	.61	98.98
106.75- 108.74	31	1441	2.12	98.36
104.75- 106.74	43	1410	2.94	96.25
102.75- 104.74	59	1367	4.03	93.31
100.75- 102.74	94	1308	6.42	89.28
98.75- 100.74	143	1214	9.76	82.87
96.75- 98.74	173	1071	11.81	73.11
94.75- 96.74	193	898	13.17	61.30
92.75- 94.74	210	705	14.33	48.12
90.75- 92.74	156	495	10.64	33.79
88.75- 90.74	148	339	10.10	23.15
86.75- 88.74	69	191	4.71	13.05
84.75- 86.74	67	122	4.57	8.34
82.75- 84.74	35	61	2.39	4.16
80.75- 82.74	17	26	1.16	1.77
78.75- 80.74	7	9	.48	.61
76.75- 78.74	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
110.79	114.40	99TH	43.62	45.04
108.55	112.39	98TH	42.74	44.25
107.22	111.13	97TH	42.21	43.75
105.51	109.42	95TH	41.54	43.08
103.84	106.34	90TH	40.87	42.08
101.45	105.13	85TH	39.94	41.39
100.23	103.30	80TH	39.46	40.67
99.19	102.67	75TH	39.05	40.42
98.27	101.67	70TH	38.69	40.03
97.43	100.76	65TH	38.36	39.67
96.63	99.98	60TH	38.04	39.33
95.86	99.38	55TH	37.74	39.01
95.10	98.28	50TH	37.44	38.69
94.34	97.49	45TH	37.14	38.38
93.57	96.70	40TH	36.84	38.07
92.78	95.89	35TH	36.53	37.75
91.94	95.04	30TH	36.20	37.42
91.04	94.14	25TH	35.84	37.08
90.03	93.14	20TH	35.44	36.69
88.87	92.01	15TH	34.99	36.22
87.41	90.50	10TH	34.41	35.67
85.30	88.35	5TH	33.58	34.80
83.99	87.25	3RD	33.07	34.35
83.07	86.30	2ND	32.70	33.98
81.70	84.93	1ST	32.17	33.40

SUMMARY STATISTICS

CENTIMETERS		INCHES
95.22	MEAN	37.49
6.14	SD DEV	2.42

SYMMETRY-BETA I= .19
KURTOSIS-BETA II= 3.28
COEF. OF VAR. = 6.45
NUMBER OF SUBJ. = 1465

Best Available Co

NO. 73 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WAIST (OMPHALION) CIRCUMFERENCE

THE HORIZONTAL CIRCUMFERENCE OF THE WAIST MEASURED AT THE LEVEL OF OMPHALION

RANGES (CM)	F	CUMF	FPCT	CUMPCT
105.25- 107.24	3	1465	.20	100.00
103.25- 105.24	6	1462	.41	99.80
101.25- 103.24	8	1456	.55	99.39
99.25- 101.24	16	1448	1.09	98.84
97.25- 99.24	29	1432	1.98	97.75
95.25- 97.24	49	1403	3.37	95.77
93.25- 95.24	53	1354	3.62	92.40
91.25- 93.24	94	1305	6.42	89.08
89.25- 91.24	98	1211	6.69	82.66
87.25- 89.24	136	1113	9.28	75.97
85.25- 87.24	151	977	10.31	66.69
83.25- 85.24	151	826	10.39	56.38
81.25- 83.24	156	675	10.65	45.99
79.25- 81.24	132	519	9.01	34.74
77.25- 79.24	139	377	9.48	25.73
75.25- 77.24	114	238	7.78	16.31
73.25- 75.24	61	124	4.16	8.53
71.25- 73.24	47	64	2.87	4.37
69.25- 71.24	20	22	1.37	1.50
67.25- 69.24	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
102.10	104.91	99TH	40.29	41.69
99.85	103.58	98TH	39.31	40.79
98.45	102.34	97TH	38.76	40.17
96.57	100.10	95TH	38.02	39.41
93.73	97.19	90TH	36.88	38.26
91.64	95.27	85TH	36.06	37.51
90.38	93.74	80TH	35.57	36.92
89.08	92.49	75TH	35.07	36.41
87.95	91.35	70TH	34.63	35.96
86.91	90.37	65TH	34.22	35.58
85.92	89.32	60TH	33.83	35.16
84.95	88.35	55TH	33.45	34.78
84.06	87.41	50TH	33.09	34.41
83.14	86.47	45TH	32.73	34.04
82.22	85.52	40TH	32.37	33.67
81.29	84.55	35TH	32.00	33.29
80.32	83.53	30TH	31.62	32.88
79.29	82.47	25TH	31.22	32.45
78.17	81.22	20TH	30.76	31.95
76.97	79.94	15TH	30.29	31.47
75.44	78.13	10TH	29.70	30.76
73.48	75.71	5TH	28.93	29.81
72.39	74.34	3RD	28.52	29.23
71.74	73.26	2ND	28.23	28.82
70.83	71.70	1ST	27.89	28.23

SUMMARY STATISTICS

CENTIMETERS		INCHES
84.43	MEAN	33.24
6.99	SD DEV	2.75

SYMMETRY-BETA I= .31
KURTOSIS-BETA II= 2.74
COEF. OF VAR. = 8.28
NUMBER OF SUBJ. = 1465

NO. 74 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BUTTOCK CIRCUMFERENCE

THE HORIZONTAL CIRCUMFERENCE AROUND THE HIP REGION MEASURED AT THE LEVEL OF THE MAXIMUM PROTUBERANCE OF THE BUTTOCKS

RANGES (CM)	F	CUMF	FPCT	CUMPCT
115.25- 117.24	1	1465	.07	100.00
113.25- 115.24	0	1464	.00	99.93
111.25- 113.24	1	1464	.07	99.93
109.25- 111.24	5	1463	.34	99.86
107.25- 109.24	13	1458	.89	99.52
105.25- 107.24	34	1445	2.32	98.63
103.25- 105.24	64	1411	4.37	96.31
101.25- 103.24	137	1347	9.35	91.95
99.25- 101.24	162	1210	11.06	82.59
97.25- 99.24	240	1048	16.38	71.54
95.25- 97.24	233	808	15.90	55.15
93.25- 95.24	192	575	13.11	39.25
91.25- 93.24	185	383	12.63	26.14
89.25- 91.24	121	198	8.26	13.52
87.25- 89.24	47	77	3.21	5.26
85.25- 87.24	23	30	1.57	2.05
83.25- 85.24	4	7	.27	.48
81.25- 83.24	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
107.93	112.28	99TH	42.49	44.21
106.65	110.47	98TH	41.99	43.49
105.61	109.36	97TH	41.58	43.05
104.67	107.90	95TH	41.21	42.48
102.87	105.72	90TH	40.50	41.62
101.65	104.39	85TH	40.02	41.08
100.68	103.19	80TH	39.64	40.63
99.84	102.25	75TH	39.31	40.25
99.09	101.40	70TH	39.01	39.92
98.40	100.63	65TH	38.74	39.62
97.75	99.90	60TH	38.49	39.33
97.12	99.20	55TH	38.24	39.06
96.50	98.51	50TH	37.99	38.78
95.88	97.82	45TH	37.75	38.51
95.27	97.12	40TH	37.51	38.24
94.63	96.40	35TH	37.26	37.95
93.97	95.65	30TH	36.99	37.66
93.25	94.83	25TH	36.71	37.34
92.47	93.93	20TH	36.41	36.98
91.58	92.89	15TH	36.05	36.57
90.47	91.59	10TH	35.62	36.08
88.90	89.70	5TH	35.00	35.32
87.93	88.52	3RD	34.62	34.85
87.23	87.67	2ND	34.34	34.52
86.19	86.39	1ST	33.93	34.01

SUMMARY STATISTICS

CENTIMETERS		INCHES
96.64	MEAN	38.05
4.78	SD DEV	1.88

SYMMETRY-BETA I= .15
KURTOSIS-BETA II= 2.95
COEF. OF VAR. = 4.95
NUMBER OF SUBJ. = 1465

NO. 75 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
UPPER THIGH CIRCUMFERENCE

THE HORIZONTAL CIRCUMFERENCE OF THE RIGHT THIGH MEASURED AS HIGH IN THE CROTCH AS POSSIBLE

RANGES (CM)		F	CUMF	PCT	CUMPCT
65.25-	66.24	4	1465	.27	100.00
64.25-	65.24	4	1461	.27	99.73
63.25-	64.24	11	1457	.75	99.45
62.25-	63.24	32	1446	2.18	98.70
61.25-	62.24	51	1414	3.48	96.52
60.25-	61.24	57	1363	3.89	93.04
59.25-	60.24	81	1306	5.53	89.15
58.25-	59.24	130	1225	8.88	83.62
57.25-	58.24	157	1126	10.72	76.88
56.25-	57.24	143	969	9.76	66.16
55.25-	56.24	150	826	10.24	56.38
54.25-	55.24	146	676	9.97	46.14
53.25-	54.24	157	537	10.72	36.18
52.25-	53.24	122	373	8.33	25.46
51.25-	52.24	99	251	6.76	17.13
50.25-	51.24	66	155	4.51	10.58
49.25-	50.24	46	89	3.14	6.08
48.25-	49.24	20	44	1.37	3.00
47.25-	48.24	14	24	.96	1.64
46.25-	47.24	5	10	.34	.68
45.25-	46.24	5	5	.34	.34
44.25-	45.24	1	2	.07	.14
43.25-	44.24	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
63.53	69.70	99TH	25.01	27.44
62.92	68.22	98TH	24.77	26.86
62.45	67.32	97TH	24.59	26.50
61.73	66.15	95TH	24.30	26.04
60.49	64.44	90TH	23.81	25.37
59.58	63.32	85TH	23.46	24.93
58.84	62.46	80TH	23.17	24.59
58.19	61.72	75TH	22.91	24.30
57.61	61.07	70TH	22.68	24.04
57.08	60.46	65TH	22.47	23.80
56.57	59.89	60TH	22.27	23.58
56.09	59.34	55TH	22.08	23.36
55.62	58.79	50TH	21.90	23.15
55.15	58.25	45TH	21.71	22.93
54.68	57.69	40TH	21.53	22.71
54.21	57.12	35TH	21.34	22.49
53.72	56.51	30TH	21.15	22.25
53.19	55.85	25TH	20.94	21.99
52.62	55.11	20TH	20.72	21.70
51.96	54.25	15TH	20.46	21.36
51.18	53.15	10TH	20.15	20.92
50.02	51.52	5TH	19.69	20.28
49.27	50.47	3RD	19.40	19.87
48.70	49.69	2ND	19.17	19.56
47.79	48.50	1ST	18.81	19.09

SUMMARY STATISTICS

CENTIMETERS		INCHES
55.72	MEAN	21.94
3.56	SD DEV	1.40

SYMMETRY-BETA I= .04
KURTOSIS-BETA II= 2.73
COEF. OF VAR. = 6.39
NUMBER OF SUBJ. = 1465

NO. 76 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
LOWER THIGH CIRCUMFERENCE

THE HORIZONTAL CIRCUMFERENCE OF THE RIGHT LEG MEASURED JUST ABOVE THE KNEE AT THE LEVEL OF THE LOWER EDGE OF THE LATERAL VASTUS MUSCLE.

RANGES (CM)		F	CUMF	PCT	CUMPCT
52.25-	53.24	1	1465	.07	100.00
51.25-	52.24	0	1464	.00	99.93
50.25-	51.24	1	1464	.07	99.93
49.25-	50.24	3	1463	.20	99.86
48.25-	49.24	10	1460	.68	99.61
47.25-	48.24	8	1450	.55	98.98
46.25-	47.24	31	1442	2.05	98.43
45.25-	46.24	46	1412	3.14	96.38
44.25-	45.24	80	1366	5.46	93.24
43.25-	44.24	132	1286	9.01	87.78
42.25-	43.24	142	1154	9.69	78.77
41.25-	42.24	165	1012	11.26	69.08
40.25-	41.24	201	847	13.72	57.82
39.25-	40.24	255	646	17.41	44.10
38.25-	39.24	178	391	12.15	26.69
37.25-	38.24	136	213	9.28	14.54
36.25-	37.24	94	77	6.42	5.26
35.25-	36.24	57	43	3.89	2.94
34.25-	35.24	22	15	1.50	1.02
33.25-	34.24	7	13	.48	.89
32.25-	33.24	6	6	.41	.41

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
48.24		99TH	19.00	
47.22		98TH	18.59	
46.59		97TH	18.34	
45.75		95TH	18.01	
44.49		90TH	17.52	
43.67		85TH	17.19	
43.04		80TH	16.94	
42.50		75TH	16.73	
42.03		70TH	16.55	
41.60		65TH	16.38	
41.20		60TH	16.22	
40.82		55TH	16.07	
40.44		50TH	15.92	
40.08		45TH	15.78	
39.71		40TH	15.63	
39.34		35TH	15.49	
38.95		30TH	15.34	
38.54		25TH	15.17	
38.09		20TH	15.00	
37.58		15TH	14.80	
36.98		10TH	14.55	
36.06		5TH	14.20	
35.50		3RD	13.98	
35.11		2ND	13.82	
34.58		1ST	13.58	

SUMMARY STATISTICS

CENTIMETERS		INCHES
40.61	MEAN	15.99
2.95	SD DEV	1.16

SYMMETRY-BETA I= .32
KURTOSIS-BETA II= 3.15
COFF. OF VAR. = 7.26
NUMBER OF SUBJ. = 1465

NO. 77 SUMMARY STATISTICS AND FREQUENCY TABLES FOR KNEE CIRCUMFERENCE

THE HORIZONTAL CIRCUMFERENCE OF THE RIGHT KNEE MEASURED AT THE LEVEL OF THE MIDPOINT OF THE PATELLA

RANGES (CM)		F	CUMF	FPCT	CUMPCT
44.45-	45.04	4	1465	.27	100.00
43.85-	44.44	0	1461	.00	99.73
43.25-	43.84	0	1461	.00	99.73
42.65-	43.24	6	1461	.41	99.73
42.05-	42.64	11	1455	.75	99.32
41.45-	42.04	25	1444	1.71	98.57
40.85-	41.44	43	1419	2.94	96.86
40.25-	40.84	52	1376	3.55	93.92
39.65-	40.24	110	1324	7.51	90.38
39.05-	39.64	126	1214	8.63	82.87
38.45-	39.04	185	1088	12.63	74.27
37.85-	38.44	210	903	14.37	61.64
37.25-	37.84	146	693	10.13	47.30
36.65-	37.24	170	545	11.60	37.20
36.05-	36.64	153	375	10.44	25.60
35.45-	36.04	104	222	7.10	15.15
34.85-	35.44	61	118	4.16	8.05
34.25-	34.84	30	57	2.05	3.89
33.65-	34.24	17	27	1.16	1.84
33.05-	33.64	9	10	.61	.68
32.45-	33.04	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
42.40	43.42	99TH	16.69	17.09
41.83	42.16	95TH	16.47	16.59
41.48	42.75	97TH	16.33	16.83
41.01	42.19	95TH	16.14	16.61
40.30	41.39	90TH	15.86	16.29
39.82	40.90	85TH	15.68	16.06
39.46	40.37	80TH	15.53	15.89
39.14	40.11	75TH	15.41	15.79
38.86	39.89	70TH	15.31	15.62
38.60	39.59	65TH	15.20	15.51
38.35	39.12	60TH	15.10	15.40
38.13	38.86	55TH	15.01	15.30
37.89	38.49	50TH	14.92	15.20
37.66	38.35	45TH	14.83	15.10
37.43	38.08	40TH	14.74	15.00
37.20	37.83	35TH	14.64	14.89
36.95	37.56	30TH	14.55	14.79
36.68	37.27	25TH	14.44	14.67
36.38	36.94	20TH	14.32	14.54
36.04	36.58	15TH	14.19	14.39
35.62	36.19	10TH	14.02	14.21
35.01	35.74	5TH	13.78	13.93
34.04	34.90	3RD	13.40	13.74
34.37	34.35	2ND	13.53	13.60
33.97	33.94	1ST	13.37	13.36

SUMMARY STATISTICS

CENTIMETERS		INCHES
37.94	MEAN	14.94
1.82	SD DEV	.72

SYMMETRY-BETA I= .21
KURTOSIS-BETA II= 3.17
COEF. OF VAR. = 4.80
NUMBER OF SUBJ. = 1465

NO. 78 SUMMARY STATISTICS AND FREQUENCY TABLES FOR CALF CIRCUMFERENCE

THE MAXIMUM HORIZONTAL CIRCUMFERENCE OF THE RIGHT CALF

RANGES (CM)		F	CUMF	FPCT	CUMPCT
43.67-	44.24	2	1465	.14	100.00
43.09-	43.66	0	1463	.00	99.86
42.51-	43.08	5	1463	.34	99.86
41.93-	42.50	3	1458	.20	99.52
41.35-	41.92	12	1455	.82	99.32
40.77-	41.34	15	1443	1.02	98.50
40.19-	40.76	34	1428	2.32	97.47
39.61-	40.18	62	1394	4.23	95.15
39.03-	39.60	77	1332	5.26	90.92
38.45-	39.02	109	1255	7.44	85.67
37.87-	38.44	114	1146	7.78	78.23
37.29-	37.86	146	1032	9.97	70.44
36.71-	37.28	188	886	12.83	60.48
36.13-	36.70	116	698	8.35	47.65
35.55-	36.12	164	580	11.19	39.59
34.97-	35.54	116	416	7.92	28.40
34.39-	34.96	124	300	8.46	20.48
33.81-	34.38	70	176	4.78	12.01
33.23-	33.80	45	106	3.07	7.24
32.65-	33.22	35	61	2.39	4.16
32.07-	32.64	6	26	.55	1.77
31.49-	32.06	7	18	.48	1.23
30.91-	31.48	8	11	.55	.75
30.33-	30.90	2	3	.14	.20
29.75-	30.32	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
42.82	42.61	99TH	16.54	16.78
41.47	41.96	98TH	16.32	16.52
41.19	41.55	97TH	16.18	16.36
40.68	40.39	95TH	15.98	16.14
39.88	40.12	90TH	15.67	15.80
39.26	39.54	85TH	15.46	15.57
38.83	39.09	80TH	15.29	15.39
38.46	38.78	75TH	15.14	15.24
38.13	38.35	70TH	15.11	15.10
37.82	38.03	65TH	14.89	14.97
37.53	37.73	60TH	14.78	14.85
37.25	37.44	55TH	14.67	14.74
36.98	37.15	50TH	14.56	14.63
36.71	36.87	45TH	14.45	14.52
36.44	36.58	40TH	14.34	14.40
36.15	36.29	35TH	14.23	14.29
35.86	35.98	30TH	14.12	14.17
35.54	35.65	25TH	13.99	14.03
35.19	35.28	20TH	13.85	13.89
34.79	34.85	15TH	13.70	13.72
34.28	34.31	10TH	13.49	13.51
33.52	33.58	5TH	13.20	13.19
33.03	32.97	3RD	13.00	12.98
32.66	32.58	2ND	12.86	12.83
32.07	31.95	1ST	12.63	12.58

SUMMARY STATISTICS

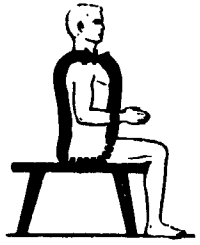
CENTIMETERS		INCHES
37.02	MEAN	14.57
2.15	SD DEV	.85

SYMMETRY-BETA I= .05
KURTOSIS-BETA II= 3.00
COEF. OF VAR. = 5.82
NUMBER OF SUBJ. = 1465

NO. 79 SUMMARY STATISTICS AND FREQUENCY TABLES FOR VERTICAL TRUNK CIRCUMFERENCE, SITTING

THE CIRCUMFERENCE OF THE TORSO MEASURED WITH THE SUBJECT SITTING, THE TAPE PASSING THROUGH HIS CROTCH, OVER HIS RIGHT BUTTOCK AND MIDSHOULDER, AND ALONG THE SPINE OF HIS BACK

RANGES (CM)	F	CUMF	FPCT	CUMPCT
182.75- 184.74	2	1465	.14	100.00
180.75- 182.74	1	1463	.07	99.86
178.75- 180.74	10	1462	.68	99.79
176.75- 178.74	17	1452	1.16	99.11
174.75- 176.74	27	1435	1.84	97.95
172.75- 174.74	50	1408	3.41	96.11
170.75- 172.74	95	1358	6.48	92.70
168.75- 170.74	115	1263	7.85	86.22
166.75- 168.74	170	1148	11.60	78.37
164.75- 166.74	175	978	11.94	66.77
162.75- 164.74	188	803	12.83	54.83
160.75- 162.74	157	615	10.71	41.98
158.75- 160.74	157	458	10.72	31.27
156.75- 158.74	164	301	11.19	20.55
154.75- 156.74	137	137	9.35	9.36
152.75- 154.74	49	88	3.34	6.01
150.75- 152.74	35	39	2.39	2.67
148.75- 150.74	20	4	1.37	.27
146.75- 148.74	2	2	.14	.14
144.75- 146.74	0	1	.00	.07
142.75- 144.74	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
173.29	173.65	99TH	70.09	70.25
172.76	173.44	95TH	68.03	68.28
172.25	172.92	90TH	67.82	68.07
171.30	171.94	80TH	67.43	67.70
170.47	171.42	75TH	67.11	67.49
169.66	169.94	70TH	66.80	66.89
167.27	167.76	60TH	65.85	66.07
166.69	166.94	55TH	65.63	65.72
165.05	164.74	50TH	64.94	64.86
164.10	163.74	45TH	64.61	64.47
163.26	162.91	40TH	64.29	64.10
162.34	161.92	35TH	63.91	63.79
161.49	161.15	30TH	63.58	63.41
160.64	160.19	25TH	63.25	63.07
159.79	159.33	20TH	62.91	62.77
158.91	158.46	15TH	62.56	62.36
157.98	157.54	10TH	62.23	62.02
156.99	156.57	5TH	61.87	61.64
155.86	155.49	2TH	61.35	61.22
154.67	154.25	1TH	60.85	60.73
152.94	152.69	0TH	60.21	60.11
150.56	150.37	5TH	59.24	59.20
149.05	149.34	4TH	58.63	58.60
148.06	147.53	3RD	58.27	58.15
146.37	146.42	1ST	57.61	57.41

SUMMARY STATISTICS

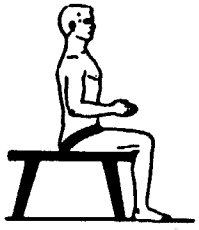
CENTIMETERS		INCHES
161.03	MEAN	63.63
6.74	SD DEV	2.69

SYMMETRY-BETA I= .17
KURTOSIS-BETA II= 3.01
COEF. OF VAR. = 4.24
NUMBER OF SUBJ. = 1465

NO. 88 SUMMARY STATISTICS AND FREQUENCY TABLES FOR BUTTOCK CIRCUMFERENCE, SITTING

THE CIRCUMFERENCE OF THE BUTTOCKS MEASURED WITH THE TAPE PASSING JUST UNDER THE BUTTOCKS AND BROUGHT UP AT A 45 DEGREE ANGLE ACROSS THE LAP

RANGES (CM)	F	CUMF	FPCT	CUMPCT
124.25- 126.24	1	1465	.07	100.00
122.25- 124.24	1	1464	.07	99.93
120.25- 122.24	2	1463	.14	99.86
118.25- 120.24	10	1461	.68	99.73
116.25- 118.24	16	1451	1.09	99.04
114.25- 116.24	24	1435	1.64	97.95
112.25- 114.24	45	1411	3.07	96.31
110.25- 112.24	72	1366	4.91	93.24
108.25- 110.24	107	1294	7.30	88.33
106.25- 108.24	164	1187	11.92	81.02
104.25- 106.24	191	1027	13.04	70.10
102.25- 104.24	217	836	14.81	57.06
100.25- 102.24	196	619	13.79	42.25
98.25- 100.24	177	423	12.08	28.86
96.25- 98.24	120	256	8.19	17.47
94.25- 96.24	84	136	5.73	9.28
92.25- 94.24	32	52	2.18	3.55
90.25- 92.24	15	20	1.02	1.37
88.25- 90.24	5	5	.34	.34



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
118.17	124.65	99TH	46.53	49.07
116.13	122.47	95TH	45.72	48.21
114.88	121.10	90TH	45.23	47.68
113.24	119.26	85TH	44.58	46.95
110.83	116.48	80TH	43.63	45.86
109.27	114.85	75TH	43.02	45.14
108.07	113.53	70TH	42.55	44.58
107.06	112.32	65TH	42.15	44.10
106.17	110.36	60TH	41.80	43.66
105.37	109.59	55TH	41.48	43.30
104.61	108.38	50TH	41.19	42.94
103.89	108.21	45TH	40.90	42.60
103.19	107.36	40TH	40.63	42.27
102.50	106.52	35TH	40.35	41.94
101.81	105.68	30TH	40.09	41.60
101.10	104.82	25TH	39.80	41.27
100.37	103.92	20TH	39.51	40.92
99.58	102.97	15TH	39.21	40.54
98.72	101.92	10TH	38.87	40.12
97.74	100.72	5TH	38.48	39.65
96.53	99.22	1TH	38.01	39.06
94.81	97.36	5TH	37.33	38.31
93.74	95.58	3RD	36.90	37.67
92.97	94.57	2ND	36.60	37.27
91.81	93.10	1ST	36.15	36.65

SUMMARY STATISTICS

CENTIMETERS		INCHES
107.51	MEAN	40.75
5.57	SD DEV	2.19

SYMMETRY-BETA I= .32
KURTOSIS-BETA II= 3.11
COEF. OF VAR. = 5.38
NUMBER OF SUBJ. = 1465

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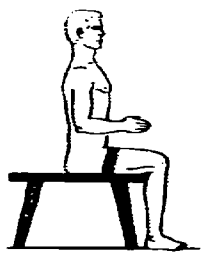
NO. 81 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
THIGH CIRCUMFERENCE, SITTING

THE CIRCUMFERENCE OF THE UPPER THIGH MEASURED AS HIGH IN THE CROTCH AS POSSIBLE IN A PLANE PERPENDICULAR TO THE LONG AXIS OF THE UPPER LEG

RANGES (CM)		F	CUMF	FRCT	CUMFCT
65.75-	66.74	2	1464	.14	100.00
64.75-	65.74	1	1462	.07	99.86
63.75-	64.74	3	1461	.20	99.80
62.75-	63.74	7	1458	.48	99.59
61.75-	62.74	16	1451	1.09	99.11
60.75-	61.74	31	1435	2.12	98.02
59.75-	60.74	43	1404	2.94	95.90
58.75-	59.74	67	1361	4.58	92.96
57.75-	58.74	87	1294	5.94	88.39
56.75-	57.74	123	1207	8.40	82.45
55.75-	56.74	172	1084	11.75	74.04
54.75-	55.74	143	902	9.77	65.71
53.75-	54.74	154	819	10.52	55.94
52.75-	53.74	159	665	10.86	45.42
51.75-	52.74	151	506	10.31	34.56
50.75-	51.74	116	355	7.92	24.25
49.75-	50.74	96	239	6.56	16.33
48.75-	49.74	68	143	4.64	9.77
47.75-	48.74	26	75	1.78	5.12
46.75-	47.74	24	49	1.64	3.35
45.75-	46.74	13	25	.89	1.71
44.75-	45.74	8	12	.55	.82
43.75-	44.74	3	4	.20	.27
42.75-	43.74	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
62.68	69.32	99TH	24.65	26.90
61.86	66.92	98TH	24.35	26.35
61.31	66.07	97TH	24.14	26.01
60.50	64.85	95TH	23.82	25.57
59.15	63.31	90TH	23.29	24.92
58.19	62.24	85TH	22.91	24.50
57.43	61.41	80TH	22.61	24.18
56.77	60.69	75TH	22.35	23.90
56.18	60.06	70TH	22.12	23.65
55.65	59.48	65TH	21.91	23.42
55.14	58.94	60TH	21.71	23.20
54.66	58.41	55TH	21.52	22.99
54.19	57.88	50TH	21.33	22.79
53.73	57.35	45TH	21.15	22.58
53.27	56.82	40TH	20.97	22.37
52.80	56.27	35TH	20.79	22.15
52.31	55.68	30TH	20.59	21.92
51.79	55.04	25TH	20.39	21.67
51.22	54.32	20TH	20.16	21.38
50.56	53.48	15TH	19.91	21.06
49.74	52.41	10TH	19.58	20.67
48.49	50.79	5TH	19.09	20.00
47.65	49.72	3RD	18.76	19.58
46.99	48.88	2ND	18.50	19.24
45.88	47.68	1ST	18.06	18.77

SUMMARY STATISTICS

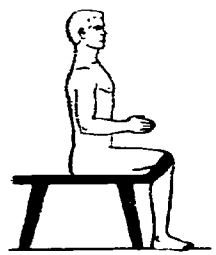
CENTIMETERS		INCHES
54.32	MEAN	21.38
3.84	SD DEV	1.43

SYMMETRY-BETA I= .10
KURTOSIS-BETA II= 2.94
COEF. OF VAR. = 6.70
NUMBER OF SUBJ. = 1464

NO. 82 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
KNEE CIRCUMFERENCE,SITTING

THE MAXIMUM CIRCUMFERENCE OF THE BENT RIGHT KNEE, MEASURED WITH THE TAPE PASSING UNDER THE POPLITEAL AREA AND BROUGHT UP AT 45 DEGREES OVER KNEE

RANGES (CM)		F	CUMF	FRCT	CUMFCT
56.75-	57.74	1	1466	.07	100.00
55.75-	56.74	0	1465	.00	99.93
54.75-	55.74	0	1465	.00	99.93
53.75-	54.74	0	1465	.00	99.93
52.75-	53.74	0	1465	.00	99.93
51.75-	52.74	2	1465	.14	99.93
50.75-	51.74	0	1463	.00	99.80
49.75-	50.74	0	1463	.00	99.80
48.75-	49.74	7	1463	.48	99.80
47.75-	48.74	4	1456	.27	99.32
46.75-	47.74	5	1452	.34	99.04
45.75-	46.74	28	1447	1.91	98.70
44.75-	45.74	36	1419	2.46	96.79
43.75-	44.74	88	1383	6.07	94.33
42.75-	43.74	97	1306	6.62	89.07
41.75-	42.74	164	1209	11.19	82.45
40.75-	41.74	212	1045	14.47	71.26
39.75-	40.74	232	833	15.84	56.80
38.75-	39.74	249	599	17.00	40.85
37.75-	38.74	179	346	12.22	23.58
36.75-	37.74	99	167	6.76	11.39
35.75-	36.74	48	68	3.14	4.57
34.75-	35.74	16	22	1.09	1.43
33.75-	34.74	3	6	.20	.34
32.75-	33.74	2	3	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
47.58		99TH	18.75	
46.47		98TH	18.33	
45.84		97TH	18.05	
45.02		95TH	17.73	
43.84		90TH	17.26	
43.09		85TH	16.96	
42.53		80TH	16.74	
42.09		75TH	16.56	
41.65		70TH	16.40	
41.28		65TH	16.25	
40.95		60TH	16.12	
40.63		55TH	16.00	
40.32		50TH	15.87	
40.02		45TH	15.76	
39.73		40TH	15.64	
39.43		35TH	15.52	
39.12		30TH	15.40	
38.79		25TH	15.27	
38.43		20TH	15.13	
38.03		15TH	14.97	
37.52		10TH	14.77	
36.79		5TH	14.48	
36.31		3RD	14.30	
35.96		2ND	14.16	
35.39		1ST	13.93	

SUMMARY STATISTICS

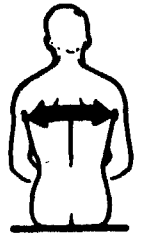
CENTIMETERS		INCHES
42.36	MEAN	16.67
2.56	SD DEV	1.01

SYMMETRY-BETA I= .71
KURTOSIS-BETA II= 4.89
COEF. OF VAR. = 6.31
NUMBER OF SUBJ. = 1465

NO. 83 SUMMARY STATISTICS AND FREQUENCY TABLES FOR INTERSCYE CURVATURE

THE SURFACE DISTANCE ACROSS THE BACK BETWEEN THE POSTERIOR AXILLARY FOLDS AT THE LOWER LEVEL OF THE ARMPIT, THE SUBJECT SITTING WITH HIS ARMS HANGING NATURALLY

RANGES (CM)		F	CUMF	FPCT	CUMPCT
58.97-	60.94	1	1466	.07	100.00
56.99-	58.96	3	1465	.20	99.93
55.01-	56.98	4	1462	.27	99.73
53.03-	55.00	16	1459	.49	99.46
51.05-	53.02	27	1443	1.84	98.77
49.07-	51.04	79	1421	5.39	96.93
47.09-	49.06	159	1342	10.85	91.54
45.11-	47.08	230	1183	15.70	80.68
43.13-	45.10	288	953	19.62	64.98
41.15-	43.12	281	667	19.19	45.46
39.17-	41.14	210	386	14.33	26.28
37.19-	39.16	112	176	7.65	11.95
35.21-	37.18	37	64	2.53	4.30
33.23-	35.20	20	27	1.37	1.77
31.25-	33.22	6	7	.41	.41



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
53.53		99TH	21.07	
52.21		98TH	20.56	
51.42		97TH	20.24	
50.37		96TH	19.83	
48.83		95TH	19.22	
47.83		90TH	18.83	
47.05		85TH	18.52	
46.39		80TH	18.26	
45.79		75TH	18.03	
45.25		70TH	17.82	
44.74		65TH	17.61	
44.25		60TH	17.42	
43.76		55TH	17.23	
43.27		50TH	17.03	
42.77		45TH	16.84	
42.26		40TH	16.64	
41.72		35TH	16.42	
41.13		30TH	16.19	
40.47		25TH	15.93	
39.70		20TH	15.63	
38.73		15TH	15.25	
37.27		10TH	14.67	
36.33		5TH	14.30	
35.63		2ND	14.03	
34.54		1ST	13.60	

SUMMARY STATISTICS

CENTIMETERS		INCHES
43.85	MEAN	17.26
3.99	SD DEV	1.57

SYMMETRY-BETA I= .14
KURTOSIS-BETA II= 3.32
COEF. OF VAR. = 9.09
NUMBER OF SUBJ. = 1465

NO. 84 SUMMARY STATISTICS AND FREQUENCY TABLES FOR INTERSCYE CURVATURE, MAXIMUM

THE SURFACE DISTANCE ACROSS THE BACK BETWEEN THE POSTERIOR AXILLARY FOLDS AT THE LOWER LEVEL OF THE ARMPIT, THE SUBJECT SITTING WITH HIS ARMS EXTENDED FORWARD AND HORIZONTALLY

RANGES (CM)		F	CUMF	FPCT	CUMPCT
68.75-	70.74	1	1465	.07	100.00
66.75-	68.74	2	1464	.14	99.93
64.75-	66.74	7	1462	.48	99.80
62.75-	64.74	19	1455	1.30	99.32
60.75-	62.74	45	1436	3.07	98.02
58.75-	60.74	114	1391	7.78	94.95
56.75-	58.74	195	1277	13.31	87.17
54.75-	56.74	293	1082	20.00	73.86
52.75-	54.74	367	789	18.29	53.86
50.75-	52.74	228	422	15.56	35.63
48.75-	50.74	152	294	10.38	20.07
46.75-	48.74	72	142	4.91	9.69
44.75-	46.74	34	70	2.32	4.78
42.75-	44.74	22	36	1.50	2.46
40.75-	42.74	6	14	.41	.96
38.75-	40.74	3	5	.20	.34
36.75-	38.74	1	2	.07	.14
34.75-	36.74	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
64.12		99TH	25.24	
62.74		98TH	24.70	
61.92		97TH	24.38	
60.86		95TH	23.96	
59.94		90TH	23.36	
58.36		85TH	22.98	
57.60		80TH	22.68	
56.95		75TH	22.42	
56.38		70TH	22.19	
55.84		65TH	21.98	
55.33		60TH	21.78	
54.83		55TH	21.58	
54.33		50TH	21.39	
53.83		45TH	21.19	
53.31		40TH	20.99	
52.76		35TH	20.77	
52.17		30TH	20.54	
51.52		25TH	20.28	
50.77		20TH	19.99	
49.87		15TH	19.63	
48.67		10TH	19.16	
46.79		5TH	18.42	
45.48		3RD	17.91	
44.48		2ND	17.51	
42.83		1ST	16.86	

SUMMARY STATISTICS

CENTIMETERS		INCHES
54.14	MEAN	21.31
4.30	SD DEV	1.69

SYMMETRY-BETA I= -.25
KURTOSIS-BETA II= 3.68
COEF. OF VAR. = 7.94
NUMBER OF SUBJ. = 1465

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NO. 85 SUMMARY STATISTICS AND FREQUENCY TABLES FOR HAND CIRCUMFERENCE INCLUDING THUMB

THE CIRCUMFERENCE OF THE RIGHT HAND MEASURED AROUND THE PHALANGEAL JOINT OF THE THUMB AND IN A PLANE AT RIGHT ANGLES TO THE LONG AXIS OF THE HAND

RANGES (CM)		F	CUMF	FPCT	CUMPCT
29.55-	29.94	1	1464	.07	100.00
29.15-	29.54	1	1463	.07	99.93
28.75-	29.14	3	1462	.20	99.86
28.35-	28.74	6	1459	.41	99.66
27.95-	28.34	15	1453	1.02	99.25
27.55-	27.94	31	1438	2.12	98.22
27.15-	27.54	57	1407	3.89	96.11
26.75-	27.14	82	1350	5.60	92.21
26.35-	26.74	94	1268	6.42	86.61
25.95-	26.34	131	1174	8.95	80.19
25.55-	25.94	121	1043	8.27	71.24
25.15-	25.54	182	922	12.43	62.98
24.75-	25.14	214	740	14.62	50.55
24.35-	24.74	137	526	9.36	35.93
23.95-	24.34	155	389	10.59	26.57
23.55-	23.94	78	234	5.33	15.98
23.15-	23.54	69	156	4.71	10.66
22.75-	23.14	41	87	2.80	5.94
22.35-	22.74	19	46	1.30	3.14
21.95-	22.34	15	27	1.02	1.84
21.55-	21.94	6	12	.41	.82
21.15-	21.54	5	6	.34	.41
20.75-	21.14	0	1	.00	.07
20.35-	20.74	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
28.21	28.31	99TH	11.11	11.14
27.92	28.05	98TH	11.00	11.04
27.72	27.87	97TH	10.91	10.97
27.42	27.61	95TH	10.80	10.87
26.97	27.20	90TH	10.62	10.71
26.59	26.81	85TH	10.47	10.59
26.32	26.67	80TH	10.36	10.50
26.09	26.48	75TH	10.27	10.42
25.88	26.30	70TH	10.19	10.35
25.69	26.14	65TH	10.11	10.29
25.51	25.99	60TH	10.04	10.23
25.34	25.84	55TH	9.98	10.17
25.17	25.70	50TH	9.91	10.12
25.01	25.56	45TH	9.84	10.06
24.84	25.43	40TH	9.78	10.01
24.67	25.29	35TH	9.71	9.96
24.49	25.14	30TH	9.64	9.90
24.31	24.99	25TH	9.57	9.84
24.09	24.82	20TH	9.48	9.77
23.84	24.63	10TH	9.38	9.70
23.53	24.38	10TH	9.26	9.60
23.04	24.05	5TH	9.07	9.47
22.71	23.83	2ND	8.94	9.38
22.44	23.66	1ST	8.84	9.32
21.99	23.39	1ST	8.66	9.21

SUMMARY STATISTICS

CENTIMETERS		INCHES
25.19	MEAN	9.92
1.33	SD DEV	.53

SYMMETRY-BETA I= .03
KURTOSIS-BETA II= 3.02
COEF. OF VAR. = 5.29
NUMBER OF SUBJ. = 1464

NO. 86 SUMMARY STATISTICS AND FREQUENCY TABLES FOR HAND CIRCUMFERENCE

THE CIRCUMFERENCE OF THE RIGHT HAND MEASURED AROUND THE METACARPAL-PHALANGEAL JOINTS OF THE PALM

RANGES (CM)		F	CUMF	FPCT	CUMPCT
25.55-	25.94	1	1464	.07	100.00
25.15-	25.54	3	1463	.20	99.93
24.75-	25.14	3	1460	.20	99.73
24.35-	24.74	8	1457	.55	99.52
23.95-	24.34	26	1449	1.78	98.98
23.55-	23.94	27	1423	1.84	97.20
23.15-	23.54	65	1396	4.44	95.36
22.75-	23.14	100	1331	6.83	90.92
22.35-	22.74	137	1231	9.36	84.09
21.95-	22.34	169	1094	11.54	74.73
21.55-	21.94	154	925	10.52	63.18
21.15-	21.54	198	771	13.52	52.66
20.75-	21.14	161	573	11.00	39.14
20.35-	20.74	119	412	8.13	28.14
19.95-	20.34	116	293	7.92	20.01
19.55-	19.94	62	177	4.23	12.09
19.15-	19.54	49	115	3.35	7.86
18.75-	19.14	22	66	1.50	4.51
18.35-	18.74	25	44	1.71	3.01
17.95-	18.34	11	19	.75	1.30
17.55-	17.94	5	8	.34	.55
17.15-	17.54	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
24.43	23.76	99TH	9.62	9.35
24.17	23.92	98TH	9.47	9.26
23.94	23.76	97TH	9.39	9.20
23.55	23.14	95TH	9.27	9.11
23.18	22.79	90TH	9.12	8.97
22.88	22.54	85TH	9.00	8.88
22.57	22.35	80TH	8.89	8.80
22.36	22.19	75TH	8.80	8.73
22.17	22.04	70TH	8.73	8.68
22.00	21.90	65TH	8.66	8.62
21.83	21.77	60TH	8.60	8.57
21.67	21.65	55TH	8.53	8.52
21.51	21.53	50TH	8.47	8.48
21.34	21.41	45TH	8.40	8.43
21.17	21.29	40TH	8.33	8.38
20.99	21.16	35TH	8.26	8.33
20.80	21.04	30TH	8.19	8.28
20.59	20.90	25TH	8.11	8.23
20.35	20.75	20TH	8.01	8.17
20.08	20.57	15TH	7.90	8.10
19.72	20.36	10TH	7.76	8.01
19.19	20.04	5TH	7.55	7.89
18.83	19.83	2ND	7.41	7.81
18.57	19.66	1ST	7.31	7.74
18.18	19.43	1ST	7.16	7.65

SUMMARY STATISTICS

CENTIMETERS		INCHES
21.45	MEAN	8.45
1.32	SD DEV	.52

SYMMETRY-BETA I= -.14
KURTOSIS-BETA II= 3.06
COEF. OF VAR. = 6.17
NUMBER OF SUBJ. = 1464

NO. 47 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

HAND LENGTH

THE DISTANCE FROM THE BASE OF THE RIGHT HAND TO THE TIP OF THE MIDDLE FINGER MEASURED ALONG THE LONG AXIS OF THE HAND

RANGES (CM)		F	CUMF	PCT	CUMPCT
21.75-	22.14	[illegible]	1465	.14	100.00
21.35-	21.74	[illegible]	1465	.07	99.86
20.95-	21.34	11	1460	.75	99.79
20.55-	20.94	22	1449	1.51	99.04
20.15-	20.54	65	1427	4.44	97.53
19.75-	20.14	109	1362	7.44	93.09
19.35-	19.74	216	1253	14.74	85.65
18.95-	19.34	246	1037	16.79	70.91
18.55-	18.94	260	791	17.75	54.12
18.15-	18.54	232	531	15.84	36.37
17.75-	18.14	145	299	9.90	20.53
17.35-	17.74	91	154	6.21	10.63
16.95-	17.34	51	63	3.48	4.42
16.55-	16.94	17	12	1.16	1.37
16.15-	16.54	3	3	.20	.20
15.75-	16.14	0	1	.00	.07
15.35-	15.74	0	1	.00	.07
14.95-	15.34	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
20.99	21.38	99TH	8.26	8.30
20.72	20.95	95TH	8.16	8.21
20.55	20.70	90TH	8.09	8.15
20.33	20.49	85TH	8.01	8.07
20.01	20.18	80TH	7.88	7.94
19.90	19.96	75TH	7.83	7.86
19.63	19.79	70TH	7.73	7.79
19.49	19.65	65TH	7.67	7.74
19.37	19.52	60TH	7.62	7.69
19.25	19.41	55TH	7.58	7.64
19.14	19.30	50TH	7.53	7.60
19.03	19.19	45TH	7.49	7.55
18.92	19.09	40TH	7.45	7.51
18.81	18.98	35TH	7.41	7.47
18.70	18.88	30TH	7.36	7.43
18.59	18.77	25TH	7.32	7.39
18.46	18.66	20TH	7.27	7.35
18.33	18.54	15TH	7.22	7.30
18.18	18.41	10TH	7.16	7.25
18.01	18.26	5TH	7.09	7.19
17.79	18.06	3RD	7.00	7.11
17.47	17.79	2ND	6.88	7.00
17.26	17.60	1ST	6.80	6.93
17.11	17.46		6.74	6.88
16.88	17.25		6.65	6.79

SUMMARY STATISTICS

CENTIMETERS		INCHES
19.91	MEAN	7.84
.47	SD DEV	.34

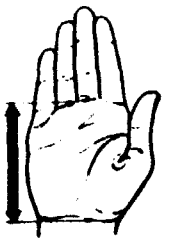
SYMMETRY-BETA I= -.01
KURTOSIS-BETA II= 3.24
COEF. OF VAR. = 4.60
NUMBER OF SUBJ. = 1465

NO. 48 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

PALM LENGTH

THE DISTANCE FROM THE BASE OF THE RIGHT HAND TO THE FURROW FORMED WHEN THE MIDDLE FINGER BENDS UPON THE PALM MEASURED PARALLEL TO THE LONG AXIS OF THE HAND

RANGES (CM)		F	CUMF	PCT	CUMPCT
12.75-	12.94	1	1465	.07	100.00
12.55-	12.74	1	1464	.07	99.93
12.35-	12.54	2	1463	.14	99.86
12.15-	12.34	7	1461	.48	99.72
11.95-	12.14	0	1454	.00	99.25
11.75-	11.94	19	1445	1.30	99.25
11.55-	11.74	36	1426	2.46	97.94
11.35-	11.54	62	1390	4.23	95.49
11.15-	11.34	115	1328	7.85	91.26
10.95-	11.14	153	1213	10.44	82.91
10.75-	10.94	146	1060	9.97	72.47
10.55-	10.74	193	914	13.17	62.39
10.35-	10.54	144	721	9.83	49.22
10.15-	10.34	172	577	11.74	39.39
9.95-	10.14	165	405	11.26	27.65
9.75-	9.94	76	240	5.32	16.38
9.55-	9.74	81	162	5.53	11.06
9.35-	9.54	40	81	2.73	5.53
9.15-	9.34	24	41	1.91	2.80
8.95-	9.14	12	13	.82	.89
8.75-	8.94	0	1	.00	.07
8.55-	8.74	0	1	.00	.07
8.35-	8.54	0	1	.00	.07
8.15-	8.34	0	1	.00	.07
7.95-	8.14	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
12.02	12.37	99TH	4.73	4.87
11.83	11.95	98TH	4.66	4.70
11.72	11.87	97TH	4.61	4.67
11.57	11.75	95TH	4.56	4.62
11.35	11.55	90TH	4.47	4.55
11.20	11.41	85TH	4.41	4.49
11.08	11.30	80TH	4.36	4.45
10.97	11.20	75TH	4.32	4.41
10.88	11.11	70TH	4.28	4.38
10.79	11.03	65TH	4.25	4.34
10.71	10.96	60TH	4.22	4.31
10.63	10.88	55TH	4.19	4.29
10.55	10.81	50TH	4.15	4.26
10.46	10.74	45TH	4.12	4.23
10.38	10.67	40TH	4.09	4.20
10.29	10.60	35TH	4.05	4.17
10.20	10.53	30TH	4.02	4.15
10.11	10.45	25TH	3.98	4.11
10.00	10.36	20TH	3.94	4.08
9.87	10.27	15TH	3.89	4.04
9.72	10.15	10TH	3.83	3.99
9.50	9.97	5TH	3.74	3.92
9.38	9.85	3RD	3.69	3.88
9.29	9.77	2ND	3.66	3.85
9.18	9.63	1ST	3.61	3.79

SUMMARY STATISTICS

CENTIMETERS		INCHES
10.54	MEAN	4.15
.63	SD DEV	.25

SYMMETRY-BETA I= .05
KURTOSIS-BETA II= 2.93
COEF. OF VAR. = 5.98
NUMBER OF SUBJ. = 1465

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NO. 89 SUMMARY STATISTICS AND FREQUENCY TABLES FOR HAND BREADTH ACROSS THUMB

THE BREADTH OF THE RIGHT HAND MEASURED PERPENDICULAR TO ITS LONG AXIS AT THE LEVEL OF THE DISTAL END OF THE FIRST METACARPAL BONE OF THE THUMB

RANGES (CM)		F	CUMF	FPCT	CUMPCT
12.65-	12.24	3	1465	.20	100.00
11.85-	12.04	4	1462	.27	99.80
11.65-	11.84	5	1458	.34	99.53
11.45-	11.64	12	1453	.82	99.19
11.25-	11.44	41	1441	2.80	98.37
11.05-	11.24	87	1400	5.94	95.57
10.85-	11.04	98	1313	6.69	89.63
10.65-	10.84	127	1215	8.67	82.94
10.45-	10.64	166	1088	11.33	74.27
10.25-	10.44	211	922	14.40	62.94
10.05-	10.24	207	711	14.13	48.54
9.85-	10.04	178	504	12.15	34.41
9.65-	9.84	136	326	9.28	22.26
9.45-	9.64	87	190	5.94	12.97
9.25-	9.44	61	103	4.16	7.03
9.05-	9.24	32	42	2.18	2.87
8.85-	8.84	10	10	.68	1.71
8.65-	8.64	10	10	.68	1.09
8.45-	8.44	4	6	.27	.41
8.25-	8.44	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
11.64	11.37	99TH	4.58	4.48
11.42	11.23	98TH	4.50	4.42
11.34	11.15	97TH	4.46	4.39
11.21	11.12	96TH	4.41	4.36
11.13	11.04	95TH	4.37	4.27
11.05	10.91	94TH	4.27	4.26
10.99	10.81	93TH	4.23	4.18
10.86	10.82	92TH	4.19	4.14
10.94	10.44	91TH	4.15	4.11
10.88	10.47	90TH	4.12	4.08
10.83	10.30	89TH	4.09	4.04
10.81	10.24	88TH	4.06	4.03
10.24	10.19	87TH	4.03	4.01
10.17	10.12	86TH	4.00	3.98
10.14	10.06	85TH	3.99	3.96
10.07	9.99	84TH	3.96	3.93
9.95	9.91	83TH	3.92	3.91
9.87	9.89	82TH	3.90	3.88
9.77	9.77	81TH	3.85	3.85
9.67	9.69	80TH	3.81	3.81
9.62	9.67	79TH	3.79	3.77
9.62	9.61	78TH	3.77	3.78
9.18	9.50	77TH	3.61	3.68
9.04	9.30	76TH	3.56	3.62
8.97	9.33	75TH	3.53	3.67

SUMMARY STATISTICS

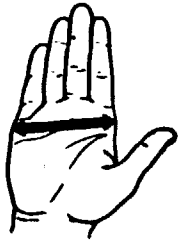
CENTIMETERS		INCHES
10.29	MEAN	4.04
.53	SD DEV	.23

SYMMETRY-BETA I= .31
KURTOSIS-BETA II= 3.17
COEF. OF VAR. = 5.65
NUMBER OF SUBJS = 1465

NO. 90 SUMMARY STATISTICS AND FREQUENCY TABLES FOR HAND BREADTH

THE DISTANCE ACROSS THE DISTAL ENDS OF THE METACARPAL BONES OF THE RIGHT HAND

RANGES (CM)		F	CUMF	FPCT	CUMPCT
10.15-	10.34	3	1467	.20	100.00
9.95-	10.14	1	1464	.07	99.80
9.75-	9.94	4	1463	.27	99.73
9.55-	9.74	13	1459	.89	99.46
9.35-	9.54	49	1446	3.34	98.57
9.15-	9.34	63	1397	4.29	95.23
8.95-	9.14	183	1334	12.47	90.93
8.75-	8.94	168	1151	11.45	78.46
8.55-	8.74	259	983	17.66	67.01
8.35-	8.54	267	724	18.20	49.35
8.15-	8.34	226	457	15.41	31.15
7.95-	8.14	156	231	10.63	15.75
7.75-	7.94	50	81	3.41	5.52
7.55-	7.74	14	31	.95	2.11
7.35-	7.54	10	17	.68	1.16
7.15-	7.34	5	7	.34	.48
6.95-	7.14	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
9.68	9.33	99TH	3.78	3.91
9.51	9.88	98TH	3.74	3.86
9.44	9.72	97TH	3.72	3.82
9.33	9.61	96TH	3.67	3.78
9.16	9.46	95TH	3.61	3.72
9.04	9.13	94TH	3.56	3.67
8.94	9.29	93TH	3.52	3.64
8.86	9.18	92TH	3.49	3.61
8.79	9.11	91TH	3.46	3.59
8.73	9.05	90TH	3.44	3.56
8.67	8.98	89TH	3.41	3.54
8.61	8.95	88TH	3.39	3.52
8.56	8.89	87TH	3.37	3.50
8.50	8.84	86TH	3.35	3.48
8.45	8.79	85TH	3.33	3.46
8.40	8.74	84TH	3.31	3.44
8.34	8.68	83TH	3.28	3.42
8.29	8.62	82TH	3.26	3.39
8.22	8.55	81TH	3.24	3.37
8.15	8.48	80TH	3.21	3.34
8.06	8.38	79TH	3.17	3.30
7.90	8.24	78TH	3.11	3.24
7.79	8.14	77TH	3.07	3.21
7.70	8.08	76TH	3.03	3.18
7.54	7.97	75TH	2.97	3.14

SUMMARY STATISTICS

CENTIMETERS		INCHES
8.58	MEAN	3.38
.44	SD DEV	.17

SYMMETRY-BETA I= .08
KURTOSIS-BETA II= 3.23
COEF. OF VAR. = 5.09
NUMBER OF SUBJS = 1467

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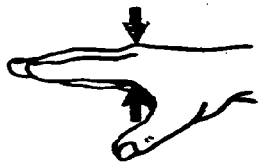
NO. 91 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HAND THICKNESS

THE THICKNESS OF THE METACARPAL-PHALANGEAL JOINT OF THE MIDDLE FINGER OF THE RIGHT HAND, MEASURED WITH LIGHT PRESSURE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
4.15-	4.24	3	1465	.20	100.00
4.05-	4.14	6	1462	.41	99.80
3.95-	4.04	7	1456	.48	99.39
3.85-	3.94	6	1449	.41	98.91
3.75-	3.84	6	1443	.41	98.50
3.65-	3.74	14	1437	.96	98.09
3.55-	3.64	14	1423	.96	97.13
3.45-	3.54	20	1409	1.37	96.17
3.35-	3.44	24	1389	1.64	94.81
3.25-	3.34	46	1365	3.14	93.17
3.15-	3.24	101	1319	6.89	90.03
3.05-	3.14	157	1218	10.44	83.14
2.95-	3.04	256	1061	17.41	72.70
2.85-	2.94	139	805	9.49	55.29
2.75-	2.84	177	671	12.08	45.80
2.65-	2.74	174	494	11.88	33.72
2.55-	2.64	121	320	8.26	21.84
2.45-	2.54	84	199	5.73	13.58
2.35-	2.44	45	115	3.07	7.85
2.25-	2.34	30	70	2.05	4.78
2.15-	2.24	24	40	1.64	2.73
2.05-	2.14	5	16	.34	1.09
1.95-	2.04	6	11	.55	.75
1.85-	1.94	2	5	.14	.20
1.75-	1.84	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
3.98	3.30	99TH	1.57	1.30
3.74	3.22	98TH	1.47	1.27
3.61	3.15	97TH	1.42	1.25
3.46	3.12	96TH	1.36	1.23
3.28	3.03	90TH	1.29	1.19
3.19	2.97	85TH	1.26	1.17
3.13	2.93	80TH	1.23	1.15
3.07	2.90	75TH	1.21	1.14
3.03	2.86	70TH	1.19	1.13
2.99	2.84	65TH	1.18	1.12
2.96	2.81	60TH	1.16	1.11
2.92	2.79	55TH	1.15	1.10
2.89	2.76	50TH	1.14	1.09
2.85	2.74	45TH	1.12	1.08
2.81	2.71	40TH	1.11	1.07
2.78	2.69	35TH	1.09	1.06
2.73	2.66	30TH	1.08	1.05
2.69	2.64	25TH	1.06	1.04
2.63	2.61	20TH	1.04	1.02
2.56	2.56	15TH	1.01	1.01
2.48	2.51	10TH	.98	.99
2.35	2.42	5TH	.92	.95
2.27	2.36	3RD	.89	.93
2.21	2.31	2ND	.87	.91
2.12	2.21	1ST	.84	.87

SUMMARY STATISTICS

CENTIMETERS		INCHES
2.99	MEAN	1.14
.34	SD DEV	.13

SYMMETRY-BETA I= .45
KURTOSIS-BETA II= 4.43
COEF. OF VAR. = 11.67
NUMBER OF SUBJ. = 1465

NO. 92 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
WRIST BREADTH

THE DISTANCE BETWEEN THE RADIAL AND ULNAR STYLOID PROMINENCES OF THE RIGHT WRIST MEASURED USING MAXIMUM PRESSURE TO COMPRESS THE FLESH

RANGES (CM)		F	CUMF	FPCT	CUMPCT
6.95-	7.04	1	1465	.07	100.00
6.85-	6.94	1	1464	.07	99.93
6.75-	6.84	3	1463	.20	99.86
6.65-	6.74	6	1460	.41	99.66
6.55-	6.64	19	1454	1.30	99.25
6.45-	6.54	22	1435	1.50	97.95
6.35-	6.44	41	1413	2.80	96.45
6.25-	6.34	54	1372	3.69	93.65
6.15-	6.24	57	1318	3.62	89.97
6.05-	6.14	145	1261	9.90	86.34
5.95-	6.04	236	1116	16.11	76.45
5.85-	5.94	139	880	9.49	60.34
5.75-	5.84	191	741	13.03	50.85
5.65-	5.74	196	550	13.38	37.54
5.55-	5.64	141	354	9.62	24.16
5.45-	5.54	93	213	6.35	14.54
5.35-	5.44	73	120	4.98	8.19
5.25-	5.34	49	47	3.34	3.21
5.15-	5.24	19	18	1.30	1.23
5.05-	5.14	10	8	.68	.55
4.95-	5.04	3	5	.20	.34
4.85-	4.94	0	2	.00	.14
4.75-	4.84	0	2	.00	.14
4.65-	4.74	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
6.65		99TH	2.62	
6.54		98TH	2.57	
6.47		97TH	2.55	
6.39		96TH	2.52	
6.27		90TH	2.47	
6.19		85TH	2.44	
6.13		80TH	2.41	
6.08		75TH	2.39	
6.03		70TH	2.37	
5.99		65TH	2.36	
5.94		60TH	2.34	
5.90		55TH	2.32	
5.86		50TH	2.31	
5.82		45TH	2.29	
5.78		40TH	2.28	
5.74		35TH	2.26	
5.69		30TH	2.24	
5.64		25TH	2.22	
5.58		20TH	2.20	
5.52		15TH	2.17	
5.44		10TH	2.14	
5.33		5TH	2.10	
5.26		3RD	2.07	
5.22		2ND	2.05	
5.15		1ST	2.03	

SUMMARY STATISTICS

CENTIMETERS		INCHES
5.86	MEAN	2.31
.32	SD DEV	.13

SYMMETRY-BETA I= .03
KURTOSIS-BETA II= 3.04
COEF. OF VAR. = 5.49
NUMBER OF SUBJ. = 1465

NO. 93 * SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ELBOW BREADTH

THE DISTANCE BETWEEN THE MEDIAL AND LATERAL EPICONDYLES OF THE RIGHT HUMERUS MEASURED USING MAXIMUM PRESSURE TO COMPRESS THE FLESH

RANGES (CM)		F	CUMF	FPCT	CUMPCT
11.45-	10.84	1	1465	.07	100.00
10.85-	10.44	5	1464	.34	99.93
10.05-	10.24	12	1459	.82	99.59
9.85-	10.04	12	1447	.82	98.77
9.65-	9.84	42	1435	2.87	97.95
9.45-	9.64	55	1393	3.75	95.09
9.25-	9.44	72	1338	4.78	91.33
9.05-	9.24	111	1266	7.58	86.55
8.85-	9.04	154	1157	10.51	78.98
8.65-	8.84	185	1003	12.63	68.46
8.45-	8.64	178	818	12.15	57.83
8.25-	8.44	212	640	14.47	45.73
8.05-	8.24	164	428	11.19	31.26
7.85-	8.04	177	264	8.67	20.07
7.65-	7.84	61	187	4.16	11.40
7.45-	7.64	50	126	3.41	7.24
7.25-	7.44	26	76	1.91	5.82
7.05-	7.24	10	50	.68	3.91
6.85-	7.04	7	40	.48	3.23
6.65-	6.84	7	33	.48	.75
6.45-	6.64	3	4	.20	.27
6.25-	6.44	1	1	.07	.07
6.05-	6.24	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
11.27		99TH	3.96	
9.90		98TH	3.90	
9.79		97TH	3.85	
9.60		95TH	3.79	
9.38		90TH	3.69	
9.21		85TH	3.63	
9.08		80TH	3.57	
8.97		75TH	3.53	
8.87		70TH	3.49	
8.73		65TH	3.46	
8.70		60TH	3.42	
8.62		55TH	3.39	
8.54		50TH	3.36	
8.46		45TH	3.33	
8.39		40TH	3.30	
8.31		35TH	3.27	
8.23		30TH	3.24	
8.15		25TH	3.21	
8.05		20TH	3.17	
7.97		15TH	3.12	
7.79		10TH	3.07	
7.65		5TH	2.97	
7.39		3RD	2.93	
7.24		2ND	2.85	
7.03		1ST	2.76	

SUMMARY STATISTICS

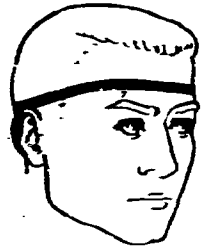
CENTIMETERS		INCHES
8.56	MEAN	3.37
.64	SD DEV	.25

SYMMETRY-BETA I= .01
KURTOSIS-BETA II= 3.22
COEF. OF VAR. = 7.43
NUMBER OF SUBJ. = 1465

NO. 94 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HEAD CIRCUMFERENCE

THE MAXIMUM CIRCUMFERENCE OF THE HEAD MEASURED WITH THE TAPE PASSING ABOVE (BUT NOT INCLUDING) THE BROW RIDGES

RANGES (CM)		F	CUMF	FPCT	CUMPCT
61.31-	61.68	2	1465	.14	100.00
60.93-	61.30	1	1463	.07	99.86
60.55-	60.92	1	1462	.07	99.80
60.17-	60.54	16	1461	1.09	99.73
59.79-	60.16	17	1445	1.16	98.63
59.41-	59.78	27	1428	1.84	97.47
59.03-	59.40	46	1401	3.14	95.63
58.65-	59.02	65	1355	4.44	92.49
58.27-	58.64	61	1290	4.16	88.05
57.89-	58.26	121	1229	8.26	83.89
57.51-	57.88	156	1108	10.65	75.63
57.13-	57.50	150	952	10.24	64.98
56.75-	57.12	186	802	12.70	54.74
56.37-	56.74	113	616	7.71	42.05
55.99-	56.36	148	503	10.10	34.33
55.61-	55.98	116	355	7.92	24.23
55.23-	55.60	83	239	5.67	16.31
54.85-	55.22	67	156	4.57	10.65
54.47-	54.84	35	89	2.39	6.08
54.09-	54.46	25	54	1.71	3.69
53.71-	54.08	12	29	.82	1.98
53.33-	53.70	13	17	.89	1.16
52.95-	53.32	4	4	.27	.27



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
60.72	61.00	99TH	23.90	24.01
60.29	60.57	98TH	23.73	23.84
60.01	60.29	97TH	23.63	23.74
59.64	59.93	95TH	23.48	23.59
59.07	59.37	90TH	23.26	23.37
58.78	59.00	85TH	23.11	23.23
58.46	58.71	80TH	22.99	23.11
58.15	58.46	75TH	22.89	23.02
57.93	58.24	70TH	22.81	22.93
57.73	58.04	65TH	22.73	22.85
57.53	57.85	60TH	22.65	22.77
57.35	57.66	55TH	22.58	22.70
57.17	57.48	50TH	22.51	22.63
56.99	57.30	45TH	22.44	22.56
56.81	57.12	40TH	22.36	22.49
56.62	56.93	35TH	22.29	22.41
56.42	56.73	30TH	22.21	22.34
56.21	56.52	25TH	22.13	22.25
55.97	56.29	20TH	22.03	22.16
55.69	56.03	15TH	21.92	22.05
55.33	55.70	10TH	21.78	21.93
54.78	55.22	5TH	21.57	21.74
54.40	54.92	3RD	21.42	21.62
54.12	54.71	2ND	21.31	21.54
53.66	54.39	1ST	21.12	21.41

SUMMARY STATISTICS

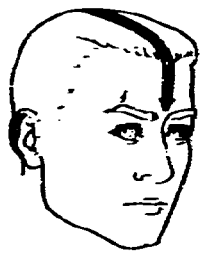
CENTIMETERS		INCHES
57.15	MEAN	22.51
1.46	SD DEV	.58

SYMMETRY-BETA I= .04
KURTOSIS-BETA II= 2.95
COEF. OF VAR. = 2.56
NUMBER OF SUBJ. = 1465

NO. 95 SUMMARY STATISTICS AND FREQUENCY TABLES FOR SAGITTAL CURVATURE

THE DISTANCE OVER THE TOP OF THE HEAD FROM GLABELLA (THE MOST ANTERIOR POINT BETWEEN THE BROW RIDGES) TO NUCHALE, THE LOWEST POINT PALPABLE AT THE BASE OF THE OCCIPUT

RANGES (CM)		F	CUMF	FPCT	CUMPCT
46.15-	46.94	1	1465	.07	100.00
45.35-	46.14	1	1464	.07	99.93
44.55-	45.34	3	1463	.20	99.86
43.75-	44.54	12	1460	.82	99.66
42.95-	43.74	35	1448	2.39	98.84
42.15-	42.94	74	1413	5.32	96.45
41.35-	42.14	43	1379	2.94	94.13
40.55-	41.34	64	1336	4.37	91.19
39.75-	40.54	81	1272	5.53	86.83
38.95-	39.74	100	1191	6.83	81.30
38.15-	38.94	90	1091	6.14	74.47
37.35-	38.14	126	1001	8.74	68.33
36.55-	37.34	169	873	11.54	59.59
35.75-	36.54	194	704	13.24	48.05
34.95-	35.74	172	510	11.74	34.81
34.15-	34.94	129	338	8.81	23.07
33.35-	34.14	93	209	6.35	14.27
32.55-	33.34	72	116	4.78	7.92
31.75-	32.54	33	46	2.25	3.14
30.95-	31.74	9	13	.61	.89
30.15-	30.94	4	4	.27	.27



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
43.88		99TH	17.28	
43.40		98TH	17.09	
42.98		97TH	16.92	
42.31		95TH	16.66	
41.12		90TH	16.19	
40.25		85TH	15.85	
39.50		80TH	15.58	
39.07		75TH	15.38	
38.44		70TH	15.14	
37.97		65TH	14.95	
37.54		60TH	14.78	
37.13		55TH	14.62	
36.75		50TH	14.47	
36.38		45TH	14.32	
36.02		40TH	14.18	
35.67		35TH	14.04	
35.32		30TH	13.91	
34.96		25TH	13.76	
34.59		20TH	13.62	
34.18		15TH	13.46	
33.72		10TH	13.27	
33.07		5TH	13.02	
32.65		3RD	12.85	
32.32		2ND	12.72	
31.74		1ST	12.50	

SUMMARY STATISTICS

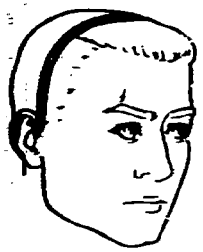
CENTIMETERS		INCHES
37.08	MEAN	14.60
2.82	SD DEV	1.11

SYMMETRY-BETA I= .44
KURTOSIS-BETA II= 2.73
COEF. OF VAR. = 7.60
NUMBER OF SUBJ. = 1465

NO. 96 SUMMARY STATISTICS AND FREQUENCY TABLES FOR BITRAGION-CORONAL CURVATURE

THE DISTANCE FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR HOLE) TO LEFT TRAGION, MEASURED ACROSS THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
41.13-	41.76	1	1465	.07	100.00
40.55-	41.12	0	1464	.00	99.93
39.97-	40.54	0	1464	.00	99.93
39.39-	39.96	2	1464	.14	99.93
38.81-	39.38	6	1462	.41	99.86
38.23-	38.80	5	1456	.34	99.39
37.65-	38.22	47	1452	3.21	99.04
37.07-	37.64	66	1404	4.51	95.84
36.49-	37.06	105	1338	7.17	91.33
35.91-	36.48	143	1233	9.76	84.16
35.33-	35.90	175	1090	11.95	74.40
34.75-	35.32	272	915	18.57	62.45
34.17-	34.74	175	643	11.95	43.89
33.59-	34.16	194	468	13.24	31.95
33.01-	33.58	117	274	7.99	18.39
32.43-	33.00	62	157	4.23	10.40
31.85-	32.42	44	105	3.00	7.17
31.27-	31.84	17	61	.89	4.16
30.69-	31.26	30	45	2.05	3.26
30.11-	30.68	7	15	.48	1.23
29.53-	30.10	8	11	.55	.75
28.95-	29.52	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
39.62	38.79	99TH	15.60	15.27
38.28	38.43	98TH	15.07	15.12
38.85	38.18	97TH	14.98	15.03
37.71	37.45	95TH	14.85	14.90
37.17	37.37	90TH	14.63	14.71
36.79	37.16	85TH	14.49	14.59
36.49	36.81	80TH	14.37	14.49
36.23	36.53	75TH	14.26	14.41
35.98	36.41	70TH	14.17	14.34
35.76	36.24	65TH	14.09	14.27
35.55	36.07	60TH	14.00	14.20
35.35	35.91	55TH	13.92	14.14
35.14	35.76	50TH	13.84	14.08
34.94	35.56	45TH	13.75	14.00
34.72	35.44	40TH	13.67	13.95
34.50	35.27	35TH	13.58	13.89
34.27	35.10	30TH	13.49	13.82
34.00	34.91	25TH	13.39	13.74
33.70	34.78	20TH	13.27	13.68
33.34	34.45	15TH	13.13	13.56
32.86	34.14	10TH	12.94	13.44
32.87	33.67	5TH	12.93	13.26
31.58	33.37	3RD	12.40	13.14
31.04	33.15	2ND	12.22	13.05
30.26	32.30	1ST	11.91	12.92

SUMMARY STATISTICS

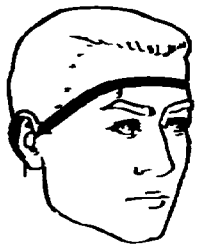
CENTIMETERS		INCHES
35.07	MEAN	13.81
1.70	SD DEV	.67

SYMMETRY-BETA I= -.30
KURTOSIS-BETA II= 3.51
COEF. OF VAR. = 4.86
NUMBER OF SUBJ. = 1465

NO. 97 SUMMARY STATISTICS A FREQUENCY TABLES FOR
BITRAGION-MINIMUM FRONTAL CURVATURE

THE DISTANCE FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR HOLE) TO LEFT TRAGION, MEASURED ACROSS THE FOREHEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
35.89-	36.46	1	1465	.07	100.00
35.31-	35.88	0	1464	.00	99.93
34.73-	35.30	8	1464	.55	99.93
34.15-	34.72	8	1456	.55	99.39
33.57-	34.14	17	1448	1.16	98.84
32.99-	33.56	28	1431	1.91	97.68
32.41-	32.98	54	1403	3.69	95.77
31.83-	32.40	96	1349	6.55	92.08
31.25-	31.82	163	1253	11.17	85.53
30.67-	31.24	213	1090	14.54	74.40
30.09-	30.66	187	877	12.76	59.86
29.51-	30.08	214	690	14.61	47.10
28.93-	29.50	161	476	10.99	32.49
28.35-	28.92	169	315	11.54	21.50
27.77-	28.34	80	146	5.46	9.97
27.19-	27.76	36	66	2.46	4.51
26.61-	27.18	21	30	1.43	2.05
26.03-	26.60	6	9	.41	.61
25.45-	26.02	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
34.58	33.19	99TH	13.62	13.06
33.96	32.38	95TH	13.37	12.95
33.60	32.70	97TH	13.23	12.87
33.13	32.45	95TH	13.04	12.77
32.46	32.17	90TH	12.78	12.63
32.04	31.92	85TH	12.61	12.53
31.72	31.53	80TH	12.49	12.45
31.45	31.46	75TH	12.38	12.38
31.21	31.31	70TH	12.29	12.33
30.99	31.17	65TH	12.20	12.27
30.76	31.04	60TH	12.12	12.22
30.58	30.92	55TH	12.04	12.17
30.38	30.79	50TH	11.96	12.12
30.19	30.67	45TH	11.88	12.08
29.99	30.55	40TH	11.81	12.03
29.78	30.42	35TH	11.72	11.98
29.56	30.28	30TH	11.64	11.92
29.33	30.14	25TH	11.55	11.86
29.07	29.97	20TH	11.44	11.80
28.76	29.79	15TH	11.32	11.73
28.36	29.54	10TH	11.17	11.63
27.83	29.18	5TH	10.96	11.49
27.49	28.95	3RD	10.82	11.40
27.24	28.77	2ND	10.72	11.33
26.86	28.49	1ST	10.58	11.22

SUMMARY STATISTICS

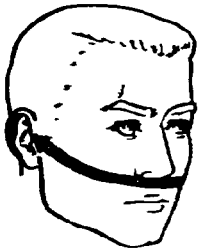
CENTIMETERS		INCHES
30.42	MEAN	11.98
1.61	SD DEV	.63

SYMMETRY-BETA I= .21
KURTOSIS-BETA II= 3.22
COEF. OF VAR. = 5.28
NUMBER OF SUBJ. = 1465

NO. 98 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BITRAGION-SUBNASALE CURVATURE

THE DISTANCE FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR HOLE) TO LEFT TRAGION, MEASURED WITH THE TAPE PASSING ACROSS THE FACE JUST BELOW THE NOSE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
33.55-	33.94	1	1466	.07	100.00
33.15-	33.54	0	1465	.00	99.93
32.75-	33.14	2	1465	.14	99.93
32.35-	32.74	1	1463	.07	99.00
31.95-	32.34	6	1462	.41	99.73
31.55-	31.94	11	1456	.75	99.32
31.15-	31.54	26	1445	1.77	98.57
30.75-	31.14	33	1419	2.25	96.79
30.35-	30.74	73	1386	4.98	94.54
29.95-	30.34	113	1313	7.71	89.56
29.55-	29.94	105	1200	7.17	81.84
29.15-	29.54	161	1095	10.99	74.68
28.75-	29.14	136	934	9.28	63.69
28.35-	28.74	207	798	14.13	54.40
27.95-	28.34	143	591	9.76	40.27
27.55-	27.94	125	448	8.53	30.51
27.15-	27.54	113	323	7.71	21.96
26.75-	27.14	81	210	5.53	14.27
26.35-	26.74	56	129	3.96	8.74
25.95-	26.34	36	71	2.46	4.78
25.55-	25.94	18	35	1.23	2.32
25.15-	25.54	7	17	.48	1.09
24.75-	25.14	5	10	.34	.61
24.35-	24.74	3	5	.20	.27
23.95-	24.34	1	2	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
31.74	31.59	99TH	12.50	12.46
31.48	31.42	98TH	12.38	12.37
31.18	31.24	97TH	12.28	12.30
30.88	31.00	95TH	12.16	12.21
30.40	30.63	90TH	11.97	12.06
30.07	30.38	85TH	11.84	11.96
29.81	30.18	80TH	11.74	11.88
29.58	30.00	75TH	11.65	11.81
29.38	29.85	70TH	11.57	11.75
29.19	29.71	65TH	11.49	11.70
29.01	29.57	60TH	11.42	11.64
28.83	29.44	55TH	11.35	11.59
28.66	29.31	50TH	11.28	11.54
28.48	29.18	45TH	11.21	11.49
28.30	29.05	40TH	11.14	11.44
28.12	28.91	35TH	11.07	11.38
27.92	28.77	30TH	10.99	11.33
27.71	28.62	25TH	10.91	11.27
27.48	28.45	20TH	10.82	11.20
27.21	28.25	15TH	10.71	11.12
26.87	28.00	10TH	10.58	11.02
26.37	27.63	5TH	10.38	10.88
26.06	27.40	3RD	10.26	10.79
25.84	27.22	2ND	10.17	10.72
25.49	26.95	1ST	10.04	10.61

SUMMARY STATISTICS

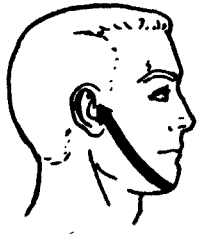
CENTIMETERS		INCHES
28.64	MEAN	11.28
1.37	SD DEV	.54

SYMMETRY-BETA I= -.03
KURTOSIS-BETA II= 2.94
COEF. OF VAR. = 4.79
NUMBER OF SUBJ. = 1465

NO. 99 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BITRAGION-MENTON CURVATURE

THE DISTANCE FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR HOLE) TO LEFT TRAGION, MEASURED WITH THE TAPE PASSING UNDER THE TIP OF THE CHIN

RANGES (CM)		F	CUMF	PERCT	CUMPCT
36.45-	36.94	3	1465	.20	100.00
35.95-	36.44	9	1462	.61	99.80
35.25-	35.94	11	1453	.75	99.19
34.85-	35.24	23	1442	1.57	98.42
34.45-	34.84	38	1419	2.59	96.85
34.05-	34.44	46	1381	3.14	94.27
33.65-	34.04	93	1342	6.35	91.64
33.25-	33.64	104	1249	7.10	85.29
32.85-	33.24	141	1145	9.62	78.19
32.45-	32.84	145	1015	9.90	69.27
32.05-	32.44	141	870	9.62	59.37
31.65-	32.04	149	729	10.17	49.75
31.25-	31.64	120	580	8.19	39.58
30.85-	31.24	142	460	9.69	31.39
30.45-	30.84	69	318	4.71	21.69
30.05-	30.44	57	249	3.89	16.98
29.65-	30.04	64	192	4.37	13.10
29.25-	29.64	30	128	2.05	8.73
28.85-	29.24	28	98	1.91	6.68
28.45-	28.84	17	67	1.16	4.57
28.05-	28.44	16	50	1.09	3.41
27.65-	28.04	10	30	.68	2.05
27.25-	27.64	4	20	.27	1.37
26.85-	27.24	4	16	.27	1.09
26.45-	26.84	1	12	.07	.82



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
35.56	35.44	99TH	14.00	13.95
35.12	35.16	95TH	13.83	13.84
34.86	34.97	90TH	13.72	13.77
34.50	34.70	85TH	13.59	13.66
33.97	34.27	80TH	13.37	13.49
33.61	33.96	75TH	13.23	13.37
33.33	33.72	70TH	13.12	13.27
33.09	33.50	65TH	13.02	13.19
32.87	33.31	60TH	12.94	13.11
32.66	33.13	55TH	12.86	13.04
32.46	32.96	50TH	12.79	12.98
32.27	32.80	45TH	12.72	12.91
32.05	32.63	40TH	12.63	12.85
31.78	32.47	35TH	12.52	12.79
31.66	32.31	30TH	12.47	12.72
31.47	32.14	25TH	12.39	12.66
31.24	31.97	20TH	12.30	12.59
30.99	31.79	15TH	12.20	12.51
30.71	31.57	10TH	12.09	12.43
30.37	31.34	5TH	11.96	12.34
29.94	31.04	1TH	11.79	12.22
29.28	30.62	.1TH	11.52	12.06
28.81	30.16	.01TH	11.34	11.88
28.47	30.17	2ND	11.21	11.88
27.92	29.34	1ST	10.99	11.56

SUMMARY STATISTICS

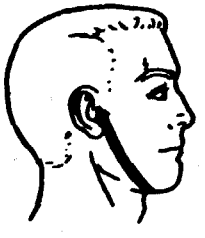
CENTIMETERS		INCHES
32.01	MEAN	12.60
1.65	SD DEV	.62

SYMMETRY-BETA I= -.24
KURTOSIS-BETA II= 3.12
COEF. OF VAR. = 4.93
NUMBER OF SUBJ. = 1465

NO. 100 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BITRAGION-SUBMANDIBULAR CURVATURE

THE DISTANCE FROM RIGHT TRAGION TO LEFT TRAGION, MEASURED WITH THE TAPE PASSING UNDER THE GONIAL ANGLES OF THE JAW AND ADJACENT TO THE JUNCTION OF THE JAW

RANGES (CM)		F	CUMF	PERCT	CUMPCT
35.75-	36.32	1	1465	.07	100.00
35.17-	35.74	1	1464	.07	99.93
34.59-	35.16	3	1463	.20	99.86
34.01-	34.58	16	1460	1.09	99.66
33.43-	34.00	26	1444	1.77	98.57
32.85-	33.42	50	1418	3.41	96.79
32.27-	32.84	81	1368	5.53	93.38
31.69-	32.26	161	1287	10.99	87.85
31.11-	31.68	152	1126	10.38	76.86
30.53-	31.10	141	974	12.35	66.48
29.95-	30.52	206	793	14.06	54.13
29.37-	29.94	171	587	11.67	40.07
28.79-	29.36	193	416	13.17	28.40
28.21-	28.78	98	223	6.69	15.22
27.63-	28.20	53	125	3.62	8.53
27.05-	27.62	30	72	2.05	4.91
26.47-	27.04	20	42	1.37	2.87
25.89-	26.46	18	22	1.22	1.50
25.31-	25.88	2	7	.14	.48
24.73-	25.30	3	5	.20	.34
24.15-	24.72	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
34.50	34.76	99TH	13.58	13.68
34.09	34.29	95TH	13.42	13.50
33.82	33.39	90TH	13.31	13.38
33.43	33.68	85TH	13.16	13.23
32.81	33.32	80TH	12.92	13.00
32.39	32.62	75TH	12.75	12.84
32.05	32.32	70TH	12.62	12.72
31.76	32.05	65TH	12.50	12.62
31.50	31.91	60TH	12.40	12.52
31.26	31.59	55TH	12.31	12.44
31.04	31.38	50TH	12.22	12.35
30.82	31.17	45TH	12.13	12.27
30.60	30.97	40TH	12.05	12.19
30.39	30.77	35TH	11.96	12.11
30.17	30.57	30TH	11.88	12.03
29.95	30.35	25TH	11.79	11.95
29.71	30.13	20TH	11.70	11.86
29.46	29.89	15TH	11.60	11.77
29.17	29.62	10TH	11.49	11.66
28.84	29.32	5TH	11.35	11.54
28.40	28.93	1TH	11.18	11.39
27.73	28.39	.1TH	10.92	11.18
27.27	28.05	.01TH	10.74	11.04
26.91	27.81	2ND	10.60	10.95
26.31	27.46	1ST	10.36	10.81

SUMMARY STATISTICS

CENTIMETERS		INCHES
30.60	MEAN	12.05
1.73	SD DEV	.68

SYMMETRY-BETA I= -.18
KURTOSIS-BETA II= 3.13
COEF. OF VAR. = 5.65
NUMBER OF SUBJ. = 1465

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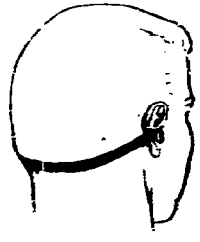
NO. 101 ✱ SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BITRAGION-POSTERIOR CURVATURE

THE DISTANCE FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR HOLE) TO LEFT TRAGION, MEASURED WITH THE TAPE PASSING OVER NUCHALE, THE LOWEST PALPABLE POINT OF THE OCCIPUT

RANGES (CM)		F	CUMF	FPCT	CUMPCT
34.63-	35.20	4	1465	.27	100.00
34.05-	34.62	16	1461	1.09	99.73
33.47-	34.04	20	1445	1.37	98.63
32.89-	33.46	18	1425	1.23	97.27
32.31-	32.88	33	1407	2.25	96.04
31.73-	32.30	52	1374	3.55	93.79
31.15-	31.72	57	1322	3.89	90.24
30.57-	31.14	85	1265	5.80	86.35
29.99-	30.56	64	1180	4.37	80.55
29.41-	29.98	100	1116	6.83	76.18
28.83-	29.40	107	1016	7.30	69.35
28.25-	28.82	163	909	11.13	62.05
27.67-	28.24	180	746	12.29	50.92
27.09-	27.66	148	566	10.10	38.63
26.51-	27.08	150	418	10.24	28.53
25.93-	26.50	107	238	7.30	16.25
25.35-	25.92	79	131	5.39	8.94
24.77-	25.34	28	52	1.91	3.55
24.19-	24.76	12	24	.82	1.64
23.61-	24.18	8	12	.55	.82
23.03-	23.60	1	4	.07	.27
22.45-	23.02	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
34.74		99TH	13.68	
34.16		98TH	13.45	
33.73		97TH	13.28	
33.07		95TH	13.02	
31.98		90TH	12.59	
31.23		85TH	12.30	
30.65		80TH	12.07	
30.16		75TH	11.88	
29.74		70TH	11.71	
29.37		65TH	11.56	
29.03		60TH	11.43	
28.71		55TH	11.30	
28.42		50TH	11.19	
28.14		45TH	11.08	
27.87		40TH	10.97	
27.61		35TH	10.87	
27.36		30TH	10.77	
27.10		25TH	10.67	
26.83		20TH	10.56	
26.54		15TH	10.45	
26.19		10TH	10.31	
25.68		5TH	10.11	
25.22		3RD	9.97	
25.02		2ND	9.85	
24.46		1ST	9.63	

SUMMARY STATISTICS

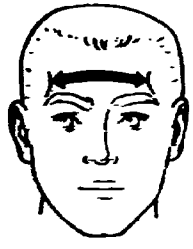
CENTIMETERS		INCHES
28.75	MEAN	11.32
2.25	SD DEV	.89

SYMMETRY-BETA I= .55
KURTOSIS-BETA II= 2.95
COEF. OF VAR. = 7.83
NUMBER OF SUBJ. = 1465

NO. 102 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
MINIMUM FRONTAL CURVATURE

THE SURFACE DISTANCE ACROSS THE FOREHEAD BETWEEN THE GREATEST INDENTATIONS OF THE LEFT AND RIGHT TEMPORAL CRESTS ABOVE THE SPOON RIDGES

RANGES (CM)		F	CUMF	FPCT	CUMPCT
15.33-	15.76	5	1465	.41	100.00
14.90-	15.32	2	1459	.14	99.59
14.47-	14.89	21	1457	1.43	99.45
14.19-	14.56	13	1436	.89	98.02
13.61-	14.18	36	1423	2.46	97.13
13.43-	13.80	82	1387	5.60	94.67
13.05-	13.42	99	1311	6.76	89.49
12.67-	13.04	172	1212	11.74	82.73
12.29-	12.66	152	1040	10.38	70.99
11.91-	12.28	220	888	15.02	60.61
11.53-	11.90	172	668	11.74	45.60
11.15-	11.52	128	496	8.73	33.86
10.77-	11.14	156	368	10.65	25.13
10.39-	10.76	66	220	4.51	15.02
10.01-	10.38	80	154	5.46	10.51
9.63-	10.00	29	74	1.98	5.05
9.25-	9.62	26	45	1.77	3.07
8.87-	9.24	10	19	.68	1.30
8.49-	8.86	4	7	.27	.48
8.11-	8.48	1	3	.07	.20
7.73-	8.10	1	2	.07	.14
7.35-	7.72	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
15.17		99TH	5.97	
14.76		98TH	5.81	
14.52		97TH	5.72	
14.21		95TH	5.60	
13.77		90TH	5.42	
13.49		85TH	5.31	
13.26		80TH	5.22	
13.07		75TH	5.14	
12.89		70TH	5.08	
12.73		65TH	5.01	
12.57		60TH	4.95	
12.41		55TH	4.89	
12.26		50TH	4.83	
12.10		45TH	4.76	
11.94		40TH	4.70	
11.77		35TH	4.64	
11.58		30TH	4.56	
11.38		25TH	4.48	
11.16		20TH	4.39	
10.85		15TH	4.29	
10.56		10TH	4.16	
10.07		5TH	3.96	
9.77		3RD	3.85	
9.56		2ND	3.76	
9.25		1ST	3.64	

SUMMARY STATISTICS

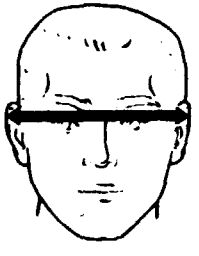
CENTIMETERS		INCHES
12.21	MEAN	4.81
1.25	SD DEV	.49

SYMMETRY-BETA I= -.12
KURTOSIS-BETA II= 3.12
COEF. OF VAR. = 10.25
NUMBER OF SUBJ. = 1465

NO. 103 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
EAR-TO-EAR BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE MOST LATERAL EXTENSIONS OF THE EARS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
22.05-	22.44	1	1465	.07	100.00
21.65-	22.04	6	1464	.36	99.93
21.25-	21.64	5	1464	.34	99.57
20.85-	21.24	7	1459	.48	99.23
20.45-	20.84	15	1452	1.03	98.75
20.05-	20.44	36	1434	2.46	97.72
19.65-	20.04	109	1398	7.44	95.27
19.25-	19.64	255	1289	17.41	87.83
18.85-	19.24	242	1034	16.52	70.42
18.45-	18.84	257	792	17.54	53.90
18.05-	18.44	139	535	9.49	36.42
17.65-	18.04	174	396	11.88	26.94
17.25-	17.64	134	222	9.15	15.12
16.85-	17.24	50	88	3.41	5.99
16.45-	16.84	27	38	1.84	2.59
16.05-	16.44	15	16	1.02	1.09
15.65-	16.04	6	11	.41	.75
15.25-	15.64	5	5	.34	.34
14.85-	15.24	0	1	.00	.07
14.45-	14.84	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
22.77	23.74	99TH	8.96	9.34
22.46	23.35	98TH	8.84	9.19
22.29	23.03	97TH	8.77	9.06
22.07	22.70	95TH	8.69	8.93
21.75	22.33	90TH	8.56	8.79
21.55	22.09	85TH	8.48	8.69
21.39	21.92	80TH	8.42	8.63
21.28	21.74	75TH	8.37	8.56
21.14	21.59	70TH	8.32	8.50
21.02	21.47	65TH	8.28	8.45
20.91	21.37	60TH	8.23	8.41
20.80	21.32	55TH	8.19	8.39
20.69	21.21	50TH	8.14	8.35
20.58	21.11	45TH	8.10	8.31
20.46	20.91	40TH	8.05	8.23
20.37	20.80	35TH	8.02	8.19
20.20	20.73	30TH	7.95	8.16
20.05	20.62	25TH	7.89	8.12
19.98	20.47	20TH	7.86	8.06
19.87	20.34	15TH	7.82	8.01
19.66	20.24	10TH	7.74	7.97
19.49	20.01	5TH	7.67	7.88
19.72	19.94	3RD	7.76	7.85
19.52	19.79	2ND	7.68	7.79
19.21	19.33	1ST	7.56	7.61

SUMMARY STATISTICS

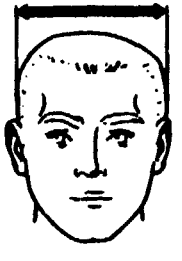
CENTIMETERS		INCHES
19.64	MEAN	7.74
.94	SD DEV	.37

SYMMETRY-BETA I= -.26
KURTOSIS-BETA II= 3.58
COEF. OF VAR. = 4.76
NUMBER OF SUBJ. = 1465

NO. 104 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HEAD BREADTH

THE MAXIMUM BREADTH OF THE HEAD MEASURED IN A LINE PERPENDICULAR TO THE MIDSAGITTAL PLANE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
17.55-	17.74	1	1465	.07	100.00
17.35-	17.54	2	1464	.14	99.93
17.15-	17.34	6	1462	.45	99.80
16.95-	17.14	7	1456	.48	99.35
16.75-	16.94	29	1447	1.98	98.87
16.55-	16.74	61	1418	4.16	96.89
16.35-	16.54	79	1357	5.39	92.63
16.15-	16.34	114	1278	7.78	87.24
15.95-	16.14	145	1164	9.90	79.46
15.75-	15.94	147	1019	10.03	69.56
15.55-	15.74	214	872	14.61	59.52
15.35-	15.54	180	658	12.29	44.91
15.15-	15.34	177	478	12.08	32.62
14.95-	15.14	122	301	8.33	20.55
14.75-	14.94	76	179	5.19	12.22
14.55-	14.74	42	103	2.87	7.03
14.35-	14.54	28	61	1.91	4.16
14.15-	14.34	23	33	1.57	2.25
13.95-	14.14	5	10	.34	.68
13.75-	13.94	2	5	.14	.34
13.55-	13.74	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
17.03	16.91	99TH	6.73	6.66
16.88	16.75	98TH	6.65	6.59
16.79	16.65	97TH	6.61	6.56
16.65	16.52	95TH	6.56	6.50
16.43	16.31	90TH	6.47	6.42
16.28	16.17	85TH	6.41	6.37
16.16	16.06	80TH	6.36	6.32
16.05	15.96	75TH	6.32	6.28
15.96	15.88	70TH	6.28	6.25
15.87	15.80	65TH	6.25	6.22
15.79	15.73	60TH	6.22	6.19
15.71	15.66	55TH	6.18	6.16
15.63	15.59	50TH	6.15	6.14
15.55	15.52	45TH	6.12	6.11
15.47	15.45	40TH	6.09	6.08
15.39	15.38	35TH	6.06	6.05
15.31	15.30	30TH	6.03	6.03
15.22	15.22	25TH	5.99	5.99
15.12	15.14	20TH	5.95	5.96
15.00	15.04	15TH	5.91	5.92
14.85	14.91	10TH	5.85	5.87
14.62	14.73	5TH	5.76	5.80
14.47	14.62	3RD	5.70	5.76
14.36	14.54	2ND	5.65	5.72
14.17	14.42	1ST	5.58	5.68

SUMMARY STATISTICS

CENTIMETERS		INCHES
15.63	MEAN	6.16
.61	SD DEV	.24

SYMMETRY-BETA I= -.01
KURTOSIS-BETA II= 3.88
COEF. OF VAR. = 3.93
NUMBER OF SUBJ. = 1465

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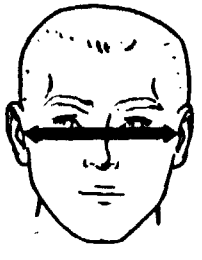
NO. 105 SUMMARY STATISTICS AND FREQUENCY TABLES FOR BITRAGION BREADTH

THE BREADTH OF THE HEAD MEASURED FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR HOLE) TO LEFT TRAGION

RANGES (CM)		F	CUMF	FPCT	CUMPCT
16.15-	16.34	2	1465	.14	100.00
15.95-	16.14	1	1463	.07	99.86
15.75-	15.94	3	1462	.20	99.80
15.55-	15.74	7	1459	.48	99.59
15.35-	15.54	16	1452	1.09	99.11
15.15-	15.34	16	1436	1.09	98.02
14.95-	15.14	50	1420	3.41	96.93
14.75-	14.94	65	1370	4.44	93.52
14.55-	14.74	134	1305	9.15	89.08
14.35-	14.54	167	1171	11.40	79.93
14.15-	14.34	237	1004	16.18	68.53
13.95-	14.14	236	767	16.11	52.35
13.75-	13.94	158	531	10.78	36.25
13.55-	13.74	155	376	10.58	25.67
13.35-	13.54	98	221	6.69	15.09
13.15-	13.34	68	123	4.64	8.53
12.95-	13.14	35	57	2.39	3.89
12.75-	12.94	10	22	.68	1.50
12.55-	12.74	6	12	.41	.82
12.35-	12.54	3	6	.20	.41
12.15-	12.34	2	3	.14	.20
11.95-	12.14	0	1	.00	.07
11.75-	11.94	0	1	.00	.07
11.55-	11.74	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
16.54	15.39	99TH	6.12	6.14
15.31	15.47	98TH	6.03	6.07
15.16	15.32	97TH	5.99	6.03
15.02	15.18	96TH	5.91	5.98
14.79	14.97	95TH	5.82	5.89
14.65	14.83	90TH	5.77	5.84
14.55	14.72	85TH	5.73	5.80
14.46	14.63	75TH	5.69	5.76
14.38	14.54	70TH	5.66	5.73
14.31	14.46	65TH	5.63	5.69
14.24	14.39	60TH	5.61	5.67
14.18	14.32	55TH	5.59	5.64
14.11	14.25	50TH	5.56	5.61
14.05	14.18	45TH	5.53	5.58
13.98	14.11	40TH	5.50	5.56
13.91	14.04	35TH	5.47	5.53
13.83	13.96	30TH	5.45	5.49
13.75	13.87	25TH	5.41	5.46
13.66	13.79	20TH	5.37	5.42
13.55	13.67	15TH	5.34	5.38
13.41	13.54	10TH	5.29	5.33
13.26	13.35	5TH	5.24	5.28
13.07	13.24	3RD	5.14	5.21
12.97	13.15	2ND	5.11	5.18
12.42	13.03	1ST	5.00	5.13

SUMMARY STATISTICS

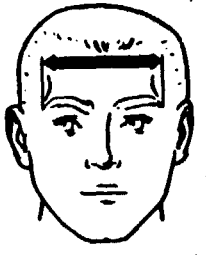
CENTIMETERS		INCHES
14.11	MEAN	5.55
.56	SD DEV	.22

SYMMETRY-BETA I= .06
KURTOSIS-BETA II= 3.06
COEF. OF VAR. = 3.95
NUMBER OF SUBJ. = 1465

NO. 106 SUMMARY STATISTICS AND FREQUENCY TABLES FOR MAXIMUM FRONTAL BREADTH

THE HORIZONTAL DISTANCE ACROSS THE LATERAL BONY ENDS OF THE SPON RIDGES

RANGES (CM)		F	CUMF	FPCT	CUMPCT
16.55-	16.94	3	1464	.20	100.00
16.15-	16.54	4	1461	.27	99.80
15.75-	16.14	13	1457	.89	99.52
15.35-	15.74	34	1444	2.32	98.63
14.95-	15.34	51	1410	3.48	96.31
14.55-	14.94	68	1359	4.51	92.83
14.15-	14.54	105	1293	7.17	88.32
13.75-	14.14	129	1188	8.81	81.15
13.35-	13.74	216	1059	14.75	72.34
12.95-	13.34	225	843	15.37	57.58
12.55-	12.94	238	618	16.33	42.21
12.15-	12.54	220	379	15.03	25.89
11.75-	12.14	87	159	5.94	10.86
11.35-	11.74	48	72	3.28	4.92
10.95-	11.34	18	24	1.23	1.64
10.55-	10.94	6	6	.55	.55



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
15.89		99TH	6.26	
15.63		98TH	6.15	
15.44		97TH	6.08	
15.16		95TH	5.97	
14.69		90TH	5.78	
14.36		85TH	5.66	
14.11		80TH	5.56	
13.98		75TH	5.47	
13.72		70TH	5.40	
13.58		65TH	5.34	
13.41		60TH	5.28	
13.27		55TH	5.22	
13.14		50TH	5.17	
13.01		45TH	5.12	
12.89		40TH	5.08	
12.77		35TH	5.03	
12.65		30TH	4.98	
12.53		25TH	4.93	
12.40		20TH	4.88	
12.25		15TH	4.82	
12.08		10TH	4.75	
11.80		5TH	4.65	
11.61		3RD	4.57	
11.45		2ND	4.51	
11.16		1ST	4.39	

SUMMARY STATISTICS

CENTIMETERS		INCHES
13.26	MEAN	5.22
1.02	SD DEV	.40

SYMMETRY-BETA I= .48
KURTOSIS-BETA II= 3.16
COEF. OF VAR. = 7.68
NUMBER OF SUBJ. = 1464

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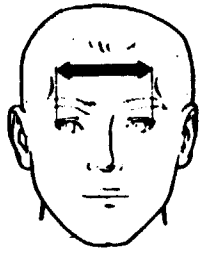
NO. 127 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BIOCULAR BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE OUTER CORNERS OF THE EYES

RANGES (CM)		F	CUMF	FREQ	CUMFREQ
11.25=	11.4=	1	1=1=	.01	10.0[illegible]
11.5=	11.7=	[illegible]	1=1[illegible]	.0[illegible]	[illegible]
11.8=	11.9=	13	1=1[illegible]	.1[illegible]	[illegible]
12.0=	12.2=	71	1=8[illegible]	1.4[illegible]	[illegible]
12.3=	12.5=	91	1=[illegible]	[illegible]	[illegible]
12.6=	12.8=	91	1[illegible]	.0[illegible]	[illegible]
12.9=	13.1=	41	1[illegible]	.0[illegible]	[illegible]
9.1=	10.2=	13[illegible]	[illegible]	[illegible]	[illegible]
9.6=	9.8=	1[illegible]	11[illegible]	13.[illegible]	[illegible]
9.9=	9.6=	171	[illegible]	11.[illegible]	[illegible]
9.2=	9.4=	151	[illegible]	13.[illegible]	[illegible]
8.5=	8.7=	156	[illegible]	[illegible]	[illegible]
8.8=	9.0=	1[illegible]	[illegible]	11.[illegible]	[illegible]
8.0=	8.2=	1[illegible]	[illegible]	[illegible]	[illegible]
8.3=	8.5=	[illegible]	12[illegible]	[illegible]	[illegible]
8.6=	8.8=	[illegible]	[illegible]	[illegible]	[illegible]
7.9=	8.1=	19	[illegible]	1.[illegible]	[illegible]
7.6=	7.8=	11	1[illegible]	.7[illegible]	[illegible]
7.3=	7.5=	[illegible]	[illegible]	.1[illegible]	[illegible]
7.0=	7.2=	[illegible]	1	.0[illegible]	.0[illegible]
6.7=	6.9=	1	1	.0[illegible]	.0[illegible]



FREQUENCIES

CENTIMETERS SAF	CSAF		INCHES SAF	ISAF
12.97	12.[illegible]	[illegible]	[illegible]	[illegible]
12.77	12.[illegible]	[illegible]	[illegible]	[illegible]
12.66	12.14	[illegible]	[illegible]	[illegible]
12.47	12.31	[illegible]	[illegible]	[illegible]
12.27	[illegible]	[illegible]	[illegible]	[illegible]
12.06	[illegible]	[illegible]	[illegible]	[illegible]
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SUMMARY STATISTICS

CENTIMETERS		INCHES
[illegible]	MEAN	2.71
.03	STDEV	.24

SYMMETRY-CRITA I= .21
KURTOSIS-CRITA II= 3.22
COEF. OF VAR. = 8.86
NUMBER OF SUBJ. = 1465

NO. 128 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
INTERPUPILLARY BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE CENTERS OF THE PUPILS

RANGES (CM)		F	CUMF	FREQ	CUMFREQ
7.2=	7.4=	1	1=1=	.07	10.0[illegible]
7.0=	7.2=	16	1=4=	.3[illegible]	99.37
6.8=	7.0=	[illegible]	1=6[illegible]	3.[illegible]	96.9[illegible]
6.6=	6.8=	116	1397	7.92	9[illegible].7[illegible]
6.4=	6.6=	[illegible]	1[illegible]1	13.74	87.[illegible]
6.2=	6.4=	326	1[illegible]79	22.25	7[illegible].6[illegible]
6.0=	6.2=	745	[illegible]	[illegible]	51.[illegible]
5.8=	6.0=	226	[illegible]	15.24	37.[illegible]
5.6=	5.8=	36	1[illegible]	[illegible]	1[illegible].7[illegible]
5.4=	5.6=	[illegible]	[illegible]	[illegible]	[illegible]
5.2=	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]
5.0=	5.2=	11	1[illegible]	.[illegible]	[illegible]
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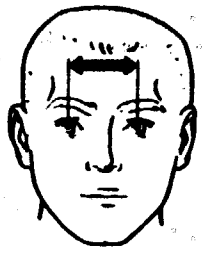

FREQUENCIES

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SUMMARY STATISTICS

CENTIMETERS		INCHES
[illegible]	MEAN	2.46
.04	STDEV	.14

SYMMETRY-CRITA I= -.26
KURTOSIS-CRITA II= 3.68
COEF. OF VAR. = 5.43
NUMBER OF SUBJ. = 1465

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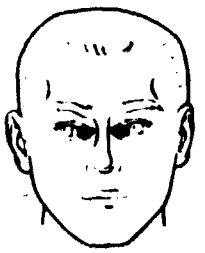
NO. 109 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
NASAL ROOT BREADTH

THE WIDTH OF THE NASAL ROOT

RANGES (CM)		F	CUMF	PCT	CUMPCT
2.85-	2.74	1	1465	.07	100.00
2.75-	2.64	3	1464	.20	99.93
2.65-	2.5[illegible]	6	1461	.41	99.73
2.55-	2.44	8	1451	.55	99.32
2.45-	2.34	16	1443	.92	98.77
2.35-	2.24	33	1441	2.25	97.85
2.25-	2.14	51	1408	3.48	95.61
2.15-	2.04	139	1357	9.49	92.13
2.05-	1.94	11[illegible]	1218	7.85	82.64
1.95-	1.84	19[illegible]	1103	13.17	74.79
1.85-	1.74	2[illegible]5	937	15.77	61.61
1.75-	1.64	2[illegible]3	692	15.72	45.84
1.65-	1.54	179	479	12.22	32.12
1.55-	1.44	117	2[illegible]0	7.97	19.90
1.45-	1.34	74	123	5.05	8.46
1.35-	1.24	7[illegible]	49	2.52	3.41
1.25-	1.14	12	19	.82	1.30
.95-	1.04	7	7	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
2.33		99TH	.92	
2.24		98TH	.88	
2.19		97TH	.86	
2.12		96TH	.83	
2.02		90TH	.79	
1.95		85TH	.77	
1.90		80TH	.75	
1.86		75TH	.73	
1.82		70TH	.72	
1.78		65TH	.70	
1.75		60TH	.69	
1.72		55TH	.68	
1.69		50TH	.66	
1.66		45TH	.65	
1.62		40TH	.64	
1.59		35TH	.63	
1.56		30TH	.61	
1.52		25TH	.60	
1.48		20TH	.59	
1.43		15TH	.56	
1.38		10TH	.54	
1.29		5TH	.51	
1.24		3RD	.49	
1.20		2ND	.47	
1.14		1ST	.45	

SUMMARY STATISTICS

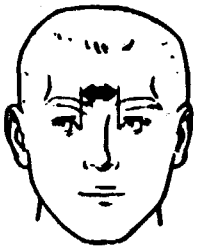
CENTIMETERS		INCHES
1.69	MEAN	.67
.25	SD DEV	.10

SYMMETRY-BETA I= .22
KURTOSIS-BETA II= 3.22
COEF. OF VAR. = 14.92
NUMBER OF SUBJ. = 1465

NO. 110 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
INTEROCULAR BREADTH

THE HORIZONTAL DISTANCE BETWEEN THE INNER CORNERS OF THE EYES

RANGES (CM)		F	CUMF	PCT	CUMPCT
4.35-	4.44	1	1465	.07	100.00
4.25-	4.34	1	1464	.07	99.93
4.15-	4.24	0	1463	.00	99.86
4.05-	4.14	5	1463	.34	99.86
3.95-	4.04	22	1459	1.50	99.52
3.85-	3.94	17	1436	1.16	97.02
3.75-	3.84	30	1419	2.05	96.86
3.65-	3.74	66	1389	4.51	94.81
3.55-	3.64	99	1323	6.76	90.31
3.45-	3.54	115	1224	7.85	83.55
3.35-	3.44	146	1109	10.00	75.70
3.25-	3.34	175	963	11.94	65.70
3.15-	3.24	220	788	15.01	53.76
3.05-	3.14	167	568	11.40	38.75
2.95-	3.04	106	393	12.29	26.81
2.85-	2.94	43	287	2.94	19.59
2.75-	2.84	62	164	4.23	11.19
2.65-	2.74	42	102	2.86	6.96
2.55-	2.64	36	59	2.46	4.03
2.45-	2.54	19	23	1.30	1.57
2.35-	2.44	5	10	.34	.68
2.25-	2.34	3	5	.20	.34
2.15-	2.24	1	2	.07	.14
2.05-	2.14	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
4.03	4.31	99TH	1.59	1.69
3.92	4.32	98TH	1.54	1.64
3.86	3.47	97TH	1.52	1.62
3.77	3.48	95TH	1.48	1.60
3.64	3.69	90TH	1.43	1.45
3.56	3.62	85TH	1.40	1.42
3.50	3.56	80TH	1.38	1.40
3.44	3.51	75TH	1.36	1.38
3.40	3.47	70TH	1.34	1.37
3.35	3.43	65TH	1.32	1.35
3.31	3.39	60TH	1.30	1.34
3.27	3.36	55TH	1.29	1.32
3.24	3.32	50TH	1.27	1.31
3.20	3.29	45TH	1.26	1.29
3.16	3.25	40TH	1.24	1.28
3.12	3.22	35TH	1.23	1.27
3.08	3.18	30TH	1.21	1.25
3.03	3.14	25TH	1.19	1.24
2.98	3.09	20TH	1.17	1.22
2.91	3.04	15TH	1.15	1.20
2.83	2.98	10TH	1.12	1.17
2.71	2.89	5TH	1.07	1.14
2.62	2.82	3RD	1.03	1.11
2.56	2.78	2ND	1.01	1.09
2.45	2.71	1ST	.97	1.07

SUMMARY STATISTICS

CENTIMETERS		INCHES
3.24	MEAN	1.27
.42	SD DEV	.16

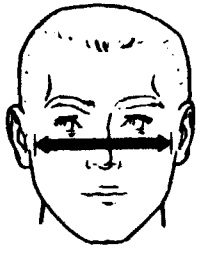
SYMMETRY-BETA I= 6.48
KURTOSIS-BETA II= 3.28
COEF. OF VAR. = 9.68
NUMBER OF SUBJ. = 1465

Best Available Copy

NO. 111 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FACE (BIZYGOMATIC) BREADTH

THE HORIZONTAL BREADTH OF THE FACE ACROSS THE MOST LATERALLY PROJECTING PROTRUSIONS OF THE TEMPORAL BONES

RANGES (CM)		F	CUMF	PRCT	CUMPCT
15.45-	15.54	1	1465	.07	100.00
15.35-	15.44	10	1464	.68	99.93
15.25-	15.34	37	1454	2.53	99.25
15.15-	15.24	95	1417	6.48	96.72
15.05-	15.14	164	1322	11.19	90.24
14.95-	15.04	196	1158	13.38	79.04
14.85-	14.94	247	962	16.86	65.67
14.75-	14.84	241	715	16.45	48.81
14.65-	14.74	224	474	15.29	32.36
14.55-	14.64	123	250	8.40	17.06
14.45-	14.54	71	127	4.85	8.67
14.35-	14.44	35	56	2.39	3.82
14.25-	14.34	8	17	.55	1.16
14.15-	14.24	8	9	.55	.61
9.85-	14.14	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
14.99		99TH	5.90	
14.87		95TH	5.85	
14.71		90TH	5.79	
14.54		85TH	5.72	
14.25		80TH	5.61	
14.03		75TH	5.52	
13.86		70TH	5.46	
13.71		65TH	5.40	
13.57		60TH	5.34	
13.44		55TH	5.29	
13.32		50TH	5.24	
13.20		45TH	5.20	
13.09		40TH	5.15	
12.97		35TH	5.11	
12.85		30TH	5.06	
12.72		25TH	5.01	
12.60		20TH	4.96	
12.46		15TH	4.91	
12.31		10TH	4.85	
12.13		5TH	4.74	
11.91		1ST	4.68	
11.57		5TH	4.55	
11.35		3RD	4.47	
11.19		2ND	4.40	
10.92		1ST	4.30	

SUMMARY STATISTICS

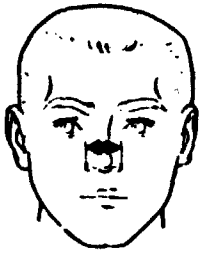
CENTIMETERS		INCHES
13.08	MEAN	5.15
.90	SD DEV	.35

SYMMETRY=GAMA I= -.12
KURTOSIS=BETA II= 2.83
COEF. OF VAR. = 6.87
NUMBER OF SUBJ. = 1465

NO. 112 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
NASAL BREADTH

THE MAXIMUM HORIZONTAL BREADTH OF THE NOSE

RANGES (CM)		F	CUMF	PRCT	CUMPCT
4.45-	4.54	1	1465	.07	100.00
4.35-	4.44	4	1464	.27	99.93
4.25-	4.34	4	1460	.27	99.66
4.15-	4.24	7	1456	.48	99.39
4.05-	4.14	14	1449	.96	98.91
3.95-	4.04	58	1435	3.96	97.95
3.85-	3.94	28	1377	1.91	93.99
3.75-	3.84	64	1349	4.37	92.08
3.65-	3.74	141	1285	9.62	87.71
3.55-	3.64	175	1144	11.95	78.09
3.45-	3.54	134	973	9.15	66.42
3.35-	3.44	176	799	12.01	57.58
3.25-	3.34	201	613	13.72	41.84
3.15-	3.24	196	412	13.38	28.12
3.05-	3.14	48	216	3.27	14.74
2.95-	3.04	72	144	4.91	9.83
2.85-	2.94	25	72	1.71	4.91
2.75-	2.84	19	47	1.30	3.21
2.65-	2.74	8	28	.55	1.91
2.55-	2.64	5	20	.34	1.37
2.45-	2.54	3	12	.20	.82
2.35-	2.44	1	9	.07	.61
2.25-	2.34	2	8	.14	.55
2.15-	2.24	6	6	.41	.41
2.05-	2.14	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
4.16	4.14	99TH	1.64	1.71
4.08	4.22	95TH	1.61	1.66
4.02	4.14	90TH	1.59	1.63
3.95	4.15	85TH	1.55	1.59
3.86	3.97	80TH	1.53	1.56
3.74	3.93	75TH	1.47	1.51
3.67	3.77	70TH	1.45	1.48
3.62	3.72	65TH	1.42	1.46
3.57	3.67	60TH	1.40	1.45
3.53	3.63	55TH	1.39	1.43
3.49	3.60	50TH	1.37	1.42
3.45	3.56	45TH	1.36	1.40
3.41	3.52	40TH	1.34	1.39
3.38	3.49	35TH	1.33	1.37
3.34	3.46	30TH	1.32	1.36
3.31	3.42	25TH	1.30	1.34
3.27	3.38	20TH	1.29	1.33
3.23	3.35	15TH	1.27	1.32
3.19	3.30	10TH	1.26	1.30
3.13	3.25	5TH	1.23	1.28
3.06	3.19	1ST	1.20	1.26
2.93	3.13	5TH	1.15	1.22
2.83	3.04	3RD	1.12	1.20
2.75	2.99	2ND	1.11	1.18
2.69	2.97	1ST	1.12	1.15

SUMMARY STATISTICS

CENTIMETERS		INCHES
3.42	MEAN	1.35
.31	SD DEV	.12

SYMMETRY=GAMA I= -.17
KURTOSIS=BETA II= 4.17
COEF. OF VAR. = 9.15
NUMBER OF SUBJ. = 1465

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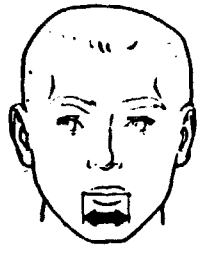
NO. 113 SUMMARY STATISTICS AND FREQUENCY TABLES FOR LIP LENGTH

THE HORIZONTAL DISTANCE BETWEEN THE CORNERS OF THE MOUTH MEASURED WHILE THE SUBJECT'S FACIAL MUSCLES ARE RELAXED

RANGES (CM)		F	CUMF	FPCT	CUMPCT
6.45-	6.64	1	1465	.07	100.00
6.25-	6.44	0	1464	.00	99.93
6.05-	6.24	13	1464	.89	99.93
5.85-	6.04	21	1451	1.43	99.04
5.65-	5.84	48	1430	3.28	97.61
5.45-	5.64	120	1382	8.19	94.33
5.25-	5.44	186	1262	12.97	86.14
5.05-	5.24	316	1072	21.57	73.17
4.85-	5.04	297	756	20.27	51.60
4.65-	4.84	236	459	16.25	31.33
4.45-	4.64	124	223	8.46	15.39
4.25-	4.44	87	97	5.89	6.62
4.05-	4.24	13	13	0.89	0.89
3.85-	4.04	6	7	.41	.48
3.65-	3.84	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
6.77	6.12	99TH	2.67	2.41
6.70	6.07	98TH	2.63	2.39
6.66	6.03	97TH	2.62	2.37
6.60	6.00	96TH	2.60	2.36
6.53	6.06	95TH	2.59	2.34
6.47	5.91	94TH	2.54	2.31
6.45	5.90	93TH	2.51	2.28
6.29	5.87	92TH	2.48	2.28
6.24	5.87	91TH	2.46	2.24
6.19	5.84	90TH	2.44	2.22
6.14	5.83	89TH	2.42	2.20
6.09	5.80	88TH	2.40	2.18
6.04	5.78	87TH	2.38	2.18
6.03	5.77	86TH	2.37	2.17
6.02	5.76	85TH	2.36	2.16
6.01	5.75	84TH	2.36	2.16
6.00	5.74	83TH	2.36	2.16
5.99	5.73	82ND	2.36	2.15
5.98	5.72	81ST	2.35	2.15

SUMMARY STATISTICS

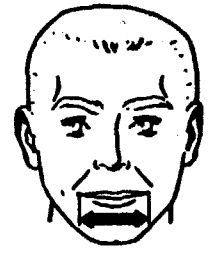
CENTIMETERS		INCHES
6.04	MEAN	1.48
.39	SD DEV	.15

SYMMETRY-BETA I= .08
KURTOSIS-BETA II= 3.26
COEF. OF VAR. = 7.79
NUMBER OF SUBJ. = 1465

NO. 114 SUMMARY STATISTICS AND FREQUENCY TABLES FOR LIP LENGTH, SMILING

THE HORIZONTAL DISTANCE BETWEEN THE CORNERS OF THE MOUTH MEASURED WHILE THE SUBJECT SMILES BROADLY

RANGES (CM)		F	CUMF	FPCT	CUMPCT
8.85-	9.04	1	1465	.07	100.00
8.65-	8.84	0	1464	.00	99.93
8.45-	8.64	1	1464	.07	99.93
8.25-	8.44	4	1463	.27	99.86
8.05-	8.24	7	1459	.48	99.59
7.85-	8.04	18	1452	.89	99.11
7.65-	7.84	23	1442	1.57	98.43
7.45-	7.64	27	1419	1.84	96.86
7.25-	7.44	61	1392	4.16	95.02
7.05-	7.24	110	1331	7.51	90.85
6.85-	7.04	142	1221	9.69	83.34
6.65-	6.84	171	1079	11.67	73.65
6.45-	6.64	180	908	12.29	61.98
6.25-	6.44	219	728	14.95	49.69
6.05-	6.24	184	509	12.56	34.74
5.85-	6.04	143	325	9.76	22.18
5.65-	5.84	98	182	6.67	12.42
5.45-	5.64	56	96	3.82	6.55
5.25-	5.44	27	40	1.84	2.73
5.05-	5.24	6	13	.27	.89
4.85-	5.04	9	9	.61	.61



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
8.01		99TH	3.15	
7.78		98TH	3.06	
7.65		97TH	3.01	
7.48		96TH	2.94	
7.26		95TH	2.86	
7.08		85TH	2.79	
6.96		80TH	2.74	
6.86		75TH	2.70	
6.77		70TH	2.67	
6.69		65TH	2.63	
6.62		60TH	2.61	
6.54		55TH	2.58	
6.47		50TH	2.55	
6.40		45TH	2.52	
6.33		40TH	2.49	
6.26		35TH	2.46	
6.18		30TH	2.43	
6.10		25TH	2.40	
6.01		20TH	2.37	
5.90		15TH	2.32	
5.77		10TH	2.27	
5.58		5TH	2.20	
5.46		3RD	2.15	
5.38		2ND	2.12	
5.26		1ST	2.07	

SUMMARY STATISTICS

CENTIMETERS		INCHES
6.58	MEAN	2.56
.98	SD DEV	.23

SYMMETRY-BETA I= .29
KURTOSIS-BETA II= 3.88
COEF. OF VAR. = 8.94
NUMBER OF SUBJ. = 1465

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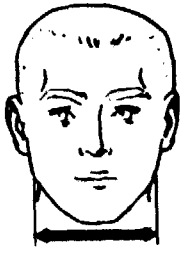
NO. 115 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BIGONIAL BREADTH

THE HORIZONTAL WIDTH OF THE JAW ACROSS THE GONIAL ANGLES
MEASURED USING FIRM CONTACT

RANGES (CM)		F	CUMF	PCT	CUMPCT
14.15-	14.54	2	1465	.14	100.00
13.75-	14.14	16	1463	.68	99.86
13.35-	13.74	25	1452	1.71	99.18
12.95-	13.34	51	1427	3.48	97.48
12.55-	12.94	178	1376	12.15	93.99
12.15-	12.54	298	1198	20.34	81.84
11.75-	12.14	262	900	17.88	61.50
11.35-	11.74	292	638	19.93	43.62
10.95-	11.34	237	346	16.18	23.69
10.55-	10.94	109	109	7.44	7.44
10.15-	10.54	59	109	4.03	7.44
9.75-	10.14	32	50	2.18	3.41
9.35-	9.74	9	18	.61	1.23
8.95-	9.34	6	7	.41	.48
8.55-	8.94	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
13.71	13.42	99TH	5.40	5.28
13.47	13.31	95TH	5.31	5.24
13.36	13.14	90TH	5.26	5.18
13.19	13.13	95TH	5.19	5.17
12.93	12.92	80TH	5.09	5.04
12.78	12.85	75TH	5.03	4.98
12.62	12.54	70TH	4.97	4.94
12.50	12.44	65TH	4.92	4.90
12.39	12.35	60TH	4.88	4.86
12.29	12.26	55TH	4.84	4.83
12.19	12.19	50TH	4.80	4.80
12.10	12.11	45TH	4.76	4.77
12.01	12.03	40TH	4.73	4.74
11.92	11.95	35TH	4.69	4.71
11.82	11.86	30TH	4.66	4.68
11.73	11.78	25TH	4.62	4.64
11.63	11.71	20TH	4.58	4.61
11.52	11.62	15TH	4.54	4.57
11.41	11.52	10TH	4.49	4.53
11.27	11.40	5TH	4.44	4.49
11.10	11.26	1TH	4.37	4.43
10.95	11.14	[illegible]	4.31	4.38
10.79	10.91	[illegible]	4.21	4.29
10.59	10.51	[illegible]	4.17	4.20
10.41	10.09	1ST	4.10	4.00

SUMMARY STATISTICS

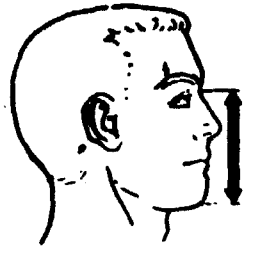
CENTIMETERS		INCHES
12.77	MEAN	4.82
.71	SD DEV	.33

SYMMETRY-BETA I = -.05
KURTOSIS-BETA II = 5.24
COEF. OF VAR. = 7.11
NUMBER OF SUBJS = 1465

NO. 116 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
FACE (MENTON-SELLION) LENGTH

THE VERTICAL DISTANCE FROM THE TIP OF THE CHIN TO SELLION, THE
DEEPEST POINT OF THE NASAL ROOT DEPRESSION

RANGES (CM)		F	CUM	PCT	CUMPCT
14.05-	14.24	3	1465	.20	100.00
13.85-	14.04	4	1462	.27	99.80
13.65-	13.84	10	1458	.68	99.52
13.45-	13.64	15	1448	1.02	98.84
13.25-	13.44	29	1433	1.98	97.82
13.05-	13.24	68	1404	4.64	95.84
12.85-	13.04	85	1336	5.80	91.20
12.65-	12.84	110	1251	7.51	85.40
12.45-	12.64	111	1141	7.58	77.89
12.25-	12.44	148	1030	10.10	70.31
12.05-	12.24	155	882	10.58	60.21
11.85-	12.04	149	727	10.17	49.63
11.65-	11.84	148	578	10.10	39.46
11.45-	11.64	106	430	7.23	29.36
11.25-	11.44	122	324	8.33	22.13
11.05-	11.24	91	202	6.21	13.79
10.85-	11.04	53	111	3.62	7.58
10.65-	10.84	44	58	3.00	3.96
10.45-	10.64	13	14	.89	.96
10.25-	10.44	18	21	1.23	1.43
10.05-	10.24	3	3	.20	.20
9.85-	10.04	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
13.67	13.51	99TH	5.38	5.32
13.48	13.31	95TH	5.31	5.24
13.36	13.19	90TH	5.26	5.19
13.19	13.13	95TH	5.19	5.17
12.93	12.92	80TH	5.09	5.04
12.78	12.85	75TH	5.03	4.98
12.62	12.54	70TH	4.97	4.94
12.50	12.44	65TH	4.92	4.90
12.39	12.35	60TH	4.88	4.86
12.29	12.26	55TH	4.84	4.83
12.19	12.19	50TH	4.80	4.80
12.10	12.11	45TH	4.76	4.77
12.01	12.03	40TH	4.73	4.74
11.92	11.95	35TH	4.69	4.71
11.82	11.86	30TH	4.66	4.68
11.73	11.78	25TH	4.62	4.64
11.63	11.71	20TH	4.58	4.61
11.52	11.62	15TH	4.54	4.57
11.41	11.52	10TH	4.49	4.53
11.27	11.40	5TH	4.44	4.49
11.10	11.26	1TH	4.37	4.43
10.95	11.14	[illegible]	4.31	4.38
10.79	10.91	[illegible]	4.21	4.29
10.59	10.51	[illegible]	4.17	4.20
10.41	10.09	1ST	4.10	4.00

SUMMARY STATISTICS

CENTIMETERS		INCHES
12.91	MEAN	4.77
.71	SD DEV	.28

SYMMETRY-BETA I = .05
KURTOSIS-BETA II = 2.40
COEF. OF VAR. = 5.50
NUMBER OF SUBJS = 1465

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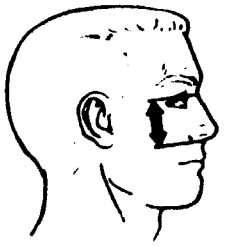
NO. 118 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
SUBNASALE-SELLION LENGTH

THE VERTICAL DISTANCE FROM SELLION (THE DEEPEST POINT BETWEEN THE EYES) TO SUBNASALE (THE BASE OF THE NASAL SEPTUM)



[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

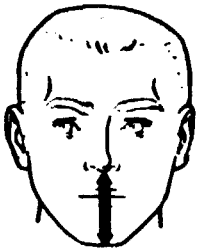
SUMMARY STATISTICS

CENTIMETERS		INCHES
[illegible]	MEAN	[illegible]
[illegible]	SD DEV	[illegible]

SYMMETRY-BETA I= [illegible]
KURTOSIS-BETA II= [illegible]
COEFF. OF VAR. = [illegible]
NUMBER OF SUBJS. = 1667

NO. 118 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
MENTON-SUBNASALE LENGTH

THE VERTICAL DISTANCE FROM MENTON (THE TIP OF THE CHIN) TO SUBNASALE (THE BASE OF THE NASAL SEPTUM)



RANGES (CM)		F	CUMF	PCT	CUMPCT
9.75-	9.94	1	1667	.07	100.00
9.55-	9.74	1	1666	.06	99.93
9.35-	9.54	1	1665	.06	99.87
9.15-	9.34	17	1664	.60	99.75
8.95-	9.14	4	1647	.24	99.15
8.75-	8.94	72	1643	4.32	98.91
8.55-	8.74	65	1571	3.90	94.59
8.35-	8.54	114	1506	6.84	90.69
8.15-	8.34	165	1392	9.90	83.85
7.95-	8.14	235	1227	14.09	73.95
7.75-	7.94	176	992	10.56	59.86
7.55-	7.74	167	816	10.02	49.30
7.35-	7.54	176	649	10.56	39.28
7.15-	7.34	139	473	8.34	28.72
6.95-	7.14	103	334	6.18	20.38
6.75-	6.94	87	231	5.22	14.20
6.55-	6.74	65	144	3.90	8.98
6.35-	6.54	37	79	2.22	4.92
6.15-	6.34	19	42	1.14	2.70
5.95-	6.14	13	23	.78	1.56
5.75-	5.94	7	10	.42	.78
5.55-	5.74	2	3	.12	.36
5.35-	5.54	1	1	.06	.24
5.15-	5.34	0	0	.00	.00
4.95-	5.14	0	0	.00	.00

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
8.26	9.10	99TH	3.25	3.59
8.07	8.98	98TH	3.18	3.54
7.96	8.90	97TH	3.13	3.51
7.81	8.75	95TH	3.07	3.45
7.56	8.59	90TH	2.98	3.39
7.41	8.46	85TH	2.93	3.34
7.32	8.38	80TH	2.88	3.29
7.22	8.26	75TH	2.84	3.25
7.13	8.14	70TH	2.81	3.20
7.05	8.10	65TH	2.77	3.18
6.97	8.03	60TH	2.74	3.17
6.90	6.96	55TH	2.71	3.14
6.82	6.89	50TH	2.68	3.11
6.78	6.83	45TH	2.65	3.09
6.67	6.76	40TH	2.63	3.06
6.59	6.69	35TH	2.59	3.03
6.51	6.62	30TH	2.56	3.01
6.41	6.54	25TH	2.53	2.98
6.31	6.46	20TH	2.48	2.94
6.19	6.36	15TH	2.44	2.87
6.06	6.23	10TH	2.39	2.79
5.91	6.05	5TH	2.33	2.71
5.65	5.82	1ST	2.23	2.59
5.54	5.43	2ND	2.19	2.29
5.46	4.97	3RD	2.11	2.20

SUMMARY STATISTICS

CENTIMETERS		INCHES
6.61	MEAN	2.68
.63	SD DEV	.24

SYMMETRY-BETA I= -.03
KURTOSIS-BETA II= 3.00
COEFF. OF VAR. = 9.06
NUMBER OF SUBJS. = 1665

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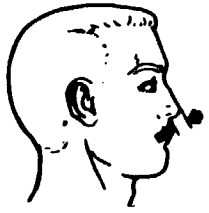
NO. 119 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

NOSE PROTRUSION

THE MAXIMUM HORIZONTAL PROJECTION OF THE NOSE

RANGES (CM)		F	CUMF	PERCT	CUMPCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.21	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
[illegible]		99TH	1.40	
[illegible]		98TH	1.31	
1.21		97TH	1.26	
1.05		95TH	1.20	
[illegible]		90TH	1.11	
[illegible]		85TH	1.06	
[illegible]		80TH	1.02	
2.50		75TH	.99	
[illegible]		70TH	.96	
[illegible]		65TH	.94	
[illegible]		60TH	.92	
[illegible]		55TH	.90	
[illegible]		50TH	.88	
[illegible]		45TH	.86	
[illegible]		40TH	.85	
[illegible]		35TH	.83	
[illegible]		30TH	.82	
[illegible]		25TH	.80	
[illegible]		20TH	.78	
[illegible]		15TH	.76	
[illegible]		10TH	.73	
1.76		5TH	.69	
1.68		3RD	.66	
[illegible]		2ND	.64	
1.50		1ST	.59	

SUMMARY STATISTICS

CENTIMETERS		INCHES
2.29	MEAN	.90
.79	SD DEV	.16

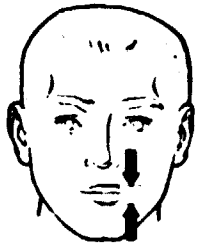
SYMMETRY-BETA I= .79
KURTOSIS-BETA II= 4.16
COEF. OF VAR. = 17.21
NUMBER OF SUBJ. = 1465

NO. 120 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

LIP-TO-LIP DISTANCE

THE DISTANCE IN THE MIDSAGITTAL PLANE BETWEEN THE LOWER MARGIN OF THE UPPER LIP AND THE UPPER MARGIN OF THE LOWER LIP

RANGES (CM)		F	CUMF	PERCT	CUMPCT
2.55-	2.60	3	1465	.20	100.00
2.50-	2.55	1	1462	.07	99.80
2.45-	2.50	6	1461	.41	99.73
2.40-	2.45	1	1455	.07	99.32
2.35-	2.40	16	1454	1.09	99.25
2.30-	2.35	25	1438	1.71	98.16
2.25-	2.30	50	1413	3.41	96.45
2.20-	2.25	61	1363	4.16	93.04
2.15-	2.20	102	1302	6.96	88.88
2.10-	2.15	142	1197	9.69	81.92
2.05-	2.10	150	1055	10.24	72.23
2.00-	2.05	199	905	13.58	61.79
1.95-	2.00	196	706	13.38	48.21
1.90-	1.95	150	510	10.24	34.83
1.85-	1.90	131	360	8.94	24.59
1.80-	1.85	84	229	5.73	15.65
1.75-	1.80	74	145	5.05	9.92
1.70-	1.75	39	71	2.66	4.85
1.65-	1.70	23	32	1.57	2.19
1.60-	1.65	9	9	.61	.61
1.55-	1.60	7	10	.48	.68
1.50-	1.55	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
2.28	2.61	99TH	.90	1.03
2.19	2.49	98TH	.86	.98
2.12	2.42	97TH	.84	.95
2.05	2.33	95TH	.81	.92
1.92	2.20	90TH	.76	.87
1.84	2.11	85TH	.72	.83
1.77	2.05	80TH	.70	.81
1.71	1.99	75TH	.67	.78
1.65	1.94	70TH	.65	.76
1.61	1.89	65TH	.63	.74
1.56	1.84	60TH	.61	.72
1.52	1.80	55TH	.60	.71
1.47	1.75	50TH	.58	.69
1.43	1.71	45TH	.56	.67
1.39	1.66	40TH	.55	.65
1.34	1.61	35TH	.53	.63
1.30	1.56	30TH	.51	.61
1.25	1.54	25TH	.49	.59
1.19	1.43	20TH	.47	.56
1.13	1.35	15TH	.44	.53
1.05	1.24	10TH	.41	.49
.93	1.17	5TH	.37	.42
.85	.95	3RD	.33	.37
.79	.86	2ND	.31	.34
.70	.72	1ST	.28	.28

SUMMARY STATISTICS

CENTIMETERS		INCHES
1.40	MEAN	.56
.34	SD DEV	.13

SYMMETRY-BETA I= .10
KURTOSIS-BETA II= 2.93
COEF. OF VAR. = 23.07
NUMBER OF SUBJ. = 1465

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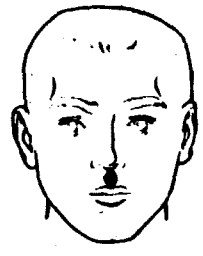
NO. 121 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
PHILTRUM LENGTH

THE LENGTH OF THE GROOVE WHICH RUNS FROM THE EDGE OF THE UPPER MEMBRANOUS LIP TO THE BASE OF THE NASAL SEPTUM

RANGES (CM)		F	CUMF	FPCT	CUMPCT
2.55-	2.64	2	1465	.14	100.00
2.45-	2.54	4	1463	.27	99.86
2.35-	2.44	6	1459	.41	99.59
2.25-	2.34	11	1453	.75	99.18
2.15-	2.24	25	1442	1.71	98.43
2.05-	2.14	43	1417	2.94	96.72
1.95-	2.04	95	1374	6.49	93.78
1.85-	1.94	103	1279	7.03	87.30
1.75-	1.84	157	1176	10.72	80.27
1.65-	1.74	198	1019	13.52	69.56
1.55-	1.64	210	821	14.33	56.04
1.45-	1.54	173	611	11.81	41.71
1.35-	1.44	157	438	10.72	29.90
1.25-	1.34	132	281	9.01	19.18
1.15-	1.24	96	149	6.55	10.17
1.05-	1.14	31	53	2.12	3.62
.95-	1.04	16	22	1.09	1.50
.85-	.94	3	6	.20	.41
.75-	.84	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
2.32	2.23	99TH	.91	.88
2.23	2.15	95TH	.88	.85
2.17	2.13	97TH	.86	.83
2.14	2.03	85TH	.83	.80
1.99	1.92	80TH	.78	.76
1.91	1.84	75TH	.75	.73
1.85	1.79	70TH	.73	.70
1.80	1.73	65TH	.71	.68
1.76	1.68	60TH	.69	.66
1.72	1.65	55TH	.68	.65
1.68	1.61	50TH	.66	.63
1.64	1.57	45TH	.65	.62
1.60	1.54	40TH	.63	.61
1.57	1.51	35TH	.62	.59
1.53	1.47	30TH	.60	.58
1.49	1.44	25TH	.59	.57
1.45	1.40	20TH	.57	.55
1.41	1.36	15TH	.56	.54
1.37	1.32	10TH	.54	.52
1.33	1.27	5TH	.52	.50
1.25	1.21	1TH	.49	.48
1.18	1.12	[illegible]	.46	.44
1.11	1.06	[illegible]	.44	.42
1.07	1.01	[illegible]	.42	.40
1.02	.97	[illegible]	.40	.38

SUMMARY STATISTICS

CENTIMETERS		INCHES
1.61	MEAN	.63
.29	SD DEV	.11

SYMMETRY=BETA I= .27
KURTOSIS=BETA II= 2.92
COEF. OF VAR. = 17.62
NUMBER OF SUBJ. = 1465

NO. 122 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
EAR BREADTH

THE MAXIMUM BREADTH OF THE RIGHT EAR MEASURED PERPENDICULAR TO ITS LONG AXIS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
4.65-	4.84	1	1465	.07	100.00
4.45-	4.64	8	1464	.55	99.93
4.25-	4.44	15	1456	1.02	99.38
4.05-	4.24	49	1441	3.28	98.36
3.85-	4.04	93	1393	6.69	95.09
3.65-	3.84	125	1295	8.53	88.40
3.45-	3.64	200	1170	13.65	79.88
3.25-	3.44	246	970	16.78	66.23
3.05-	3.24	270	724	18.43	49.45
2.85-	3.04	199	454	13.58	31.02
2.65-	2.84	148	255	9.97	17.41
2.45-	2.64	77	107	5.25	7.30
2.25-	2.44	20	30	1.37	2.05
2.05-	2.24	14	15	.96	1.02
1.85-	2.04	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
4.32		99TH	1.70	
4.22		95TH	1.66	
4.16		97TH	1.64	
4.05		90TH	1.61	
3.88		85TH	1.59	
3.76		80TH	1.56	
3.66		75TH	1.44	
3.58		70TH	1.43	
3.66		65TH	1.44	
3.44		60TH	1.35	
3.47		55TH	1.39	
3.38		50TH	1.35	
3.28		45TH	1.29	
3.20		40TH	1.26	
3.15		35TH	1.24	
3.09		30TH	1.22	
3.03		25TH	1.19	
2.97		20TH	1.17	
2.90		15TH	1.14	
2.87		10TH	1.11	
2.73		5TH	1.07	
2.57		1TH	1.01	
2.48		[illegible]	.97	
2.37		[illegible]	.93	
2.22		151	.87	

SUMMARY STATISTICS

CENTIMETERS		INCHES
3.29	MEAN	1.29
.45	SD DEV	.18

SYMMETRY=BETA I= .17
KURTOSIS=BETA II= 2.93
COEF. OF VAR. = 13.78
NUMBER OF SUBJ. = 1465

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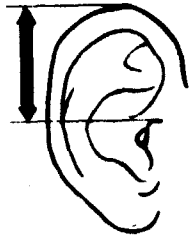
NO. 123 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
EAR LENGTH ABOVE TRAGION

THE VERTICAL DISTANCE FROM RIGHT TRAGION TO THE TOP OF THE EAR MEASURED ALONG ITS LONG AXIS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
[illegible]	[illegible]	7	1471	[illegible]	[illegible]
[illegible]	[illegible]	4	1464	.27	[illegible]
[illegible]	[illegible]	24	1460	1.67	[illegible]
[illegible]	[illegible]	[illegible]	1436	[illegible]	[illegible]
[illegible]	[illegible]	54	1426	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1372	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1344	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1324	[illegible]	[illegible]
[illegible]	[illegible]	131	1164	10.54	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.61	[illegible]
[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1	1	.07	.07



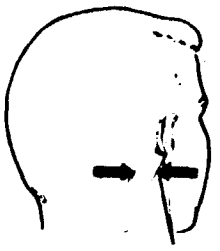
[illegible]

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

No. 125 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
EAR PROTRUSION

THE HORIZONTAL DISTANCE FROM THE MASTOID PROCESS (THE BONY EMINENCE DIRECTLY BEHIND THE EAR) TO THE MOST LATERAL PROTRUSION OF THE RIGHT EAR

RANGES (CM)	F	CUMF	PCT	CUMPCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SUMMARY STATISTICS

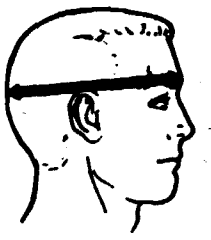
CENTIMETERS		INCHES
[illegible]	MEAN	[illegible]
[illegible]	[illegible]	[illegible]

SYMMETRY-BETA I= [illegible]
KURTOSIS-BETA II= [illegible]
COEFF. OF VAR. = [illegible]
NUMBER OF SUBJS. = [illegible]

No. 126 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HEAD LENGTH

THE MAXIMUM LENGTH OF THE HEAD FROM THE MOST ANTERIOR POINT OF THE FOREHEAD TO THE OPISTHOCRANION OF THE OCCIPUT

RANGES (CM)	F	CUMF	PCT	CUMPCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SUMMARY STATISTICS

CENTIMETERS		INCHES
[illegible]	MEAN	[illegible]
[illegible]	[illegible]	[illegible]

SYMMETRY-BETA I= [illegible]
KURTOSIS-BETA II= [illegible]
COEFF. OF VAR. = [illegible]
NUMBER OF SUBJS. = [illegible]

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[illegible] SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HEAD DIAGONAL-MENTON TO BACK OF HEAD

THE DIAGONAL DISTANCE FROM THE TIP OF THE CHIN TO THE BACK OF THE HEAD.

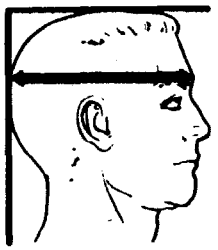
RANGES (CM)		F	CUMF	FPCT	CUMPCT
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	154	171	11.14	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NO. 170 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

GLABELLA TO WALL

THE HORIZONTAL DISTANCE FROM GLABELLA (THE FORMOST POINT OF THE FOREHEAD) PROJECTED TO THE CORONAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	CUMF	PCT	CUMPCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



SUMMARY STATISTICS

CENTIMETERS		INCHES
[illegible]	MEAN	[illegible]
[illegible]	SD DEV	[illegible]

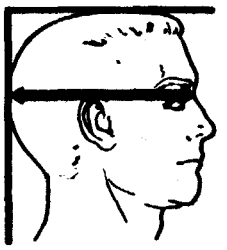
SYMMETRY-BETA I= [illegible]
KURTOSIS-BETA II= [illegible]
COEF. OF VAR. = [illegible]
NUMBER OF SUBJ. = [illegible]

NO. 170 SUMMARY STATISTICS AND FREQUENCY TABLES FOR

SELLION TO WALL

THE HORIZONTAL DISTANCE FROM SELLION (THE DEEPEST POINT IN THE NASAL ROOT DEPRESSION) TO THE CORONAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	CUMF	PCT	CUMPCT
22.65-	23.04	1	1469	.07	100.00
22.25-	22.64	1	1468	.07	99.93
21.85-	22.24	2	1467	.14	99.86
21.45-	21.84	9	1461	.61	99.79
21.05-	21.44	18	1452	1.23	99.18
20.65-	21.04	96	1434	6.61	97.95
20.25-	20.64	121	1338	8.26	91.34
19.85-	20.24	245	1263	16.72	86.21
19.45-	19.84	304	1018	20.75	69.49
19.05-	19.44	321	714	21.91	48.74
18.65-	19.04	221	393	15.09	26.83
18.25-	18.64	112	172	7.65	11.74
17.85-	18.24	44	60	3.00	4.10
17.45-	17.84	13	16	.89	1.09
17.05-	17.44	3	3	.20	.20



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
21.36	21.78	99TH	8.41	8.57
21.08	21.50	99TH	8.30	8.49
20.92	21.45	97TH	8.23	8.44
20.71	21.28	95TH	8.15	8.38
20.41	21.12	90TH	8.03	8.28
20.22	20.95	85TH	7.96	8.21
20.08	20.72	80TH	7.90	8.16
19.95	20.68	75TH	7.86	8.11
19.85	20.58	70TH	7.81	8.07
19.75	20.41	65TH	7.78	8.04
19.66	20.32	60TH	7.74	8.00
19.57	20.24	55TH	7.70	7.97
19.48	20.16	50TH	7.67	7.94
19.39	20.07	45TH	7.64	7.90
19.30	19.99	40TH	7.60	7.87
19.21	19.91	35TH	7.56	7.84
19.12	19.82	30TH	7.53	7.80
19.01	19.72	25TH	7.48	7.76
18.89	19.61	20TH	7.44	7.72
18.75	19.49	15TH	7.33	7.67
18.58	19.33	10TH	7.31	7.61
18.32	19.10	5TH	7.21	7.52
18.15	18.95	3RD	7.14	7.46
18.03	18.83	2ND	7.10	7.41
17.84	18.65	1ST	7.02	7.34

SUMMARY STATISTICS

CENTIMETERS		INCHES
19.58	MEAN	7.68
.73	SD DEV	.29

SYMMETRY-BETA I= .28
KURTOSIS-BETA II= 3.96
COEF. OF VAR. = 3.74
NUMBER OF SUBJ. = 1469

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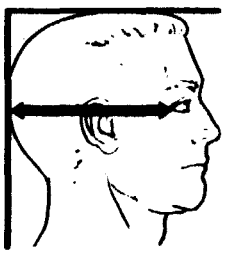
NO. 131 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ECTOCANTHUS TO WALL

THE HORIZONTAL DISTANCE FROM RIGHT EXTERNAL CANTHUS (THE OUTER CORNER OF THE RIGHT EYE) TO THE CORONAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	CUMF	PCT	CUMPCT
20.15-	20.54	1	1469	.07	100.00
19.75-	20.14	4	1468	.27	99.93
19.35-	19.74	5	1464	.34	99.66
18.95-	19.34	6	1459	.41	99.32
18.55-	18.94	56	1449	3.81	98.91
18.15-	18.54	109	1393	7.42	95.09
17.75-	18.14	166	1284	11.30	87.67
17.35-	17.74	274	1121	18.65	76.37
16.95-	17.34	310	846	21.10	57.72
16.55-	16.94	251	536	17.17	36.59
16.15-	16.54	151	285	10.30	19.43
15.75-	16.14	77	134	5.25	9.14
15.35-	15.74	32	57	2.18	3.91
14.95-	15.34	10	15	.68	1.02
14.55-	14.94	5	5	.34	.34



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
19.71	19.37	99TH	7.76	7.62
19.41	19.11	98TH	7.64	7.52
19.06	18.81	97TH	7.50	7.40
18.86	18.46	96TH	7.42	7.32
18.71	18.27	95TH	7.37	7.19
18.61	18.06	94TH	7.33	7.11
18.46	17.96	93TH	7.27	7.07
17.73	17.73	92TH	6.98	7.00
17.61	17.57	91TH	6.93	6.94
17.46	17.37	90TH	6.87	6.84
17.46	17.16	89TH	6.87	6.75
17.36	17.07	88TH	6.83	6.72
17.36	17.07	87TH	6.83	6.72
17.36	17.07	86TH	6.83	6.72
17.11	16.97	85TH	6.73	6.68
17.11	16.97	84TH	6.73	6.68
16.91	16.96	83TH	6.66	6.67
16.91	16.96	82TH	6.62	6.67
16.86	16.85	81TH	6.63	6.63
16.87	16.75	80TH	6.63	6.59
16.86	16.75	79TH	6.63	6.59
16.71	16.66	78TH	6.57	6.56
16.71	16.66	77TH	6.57	6.56
16.71	16.57	76TH	6.57	6.52
16.66	16.47	75TH	6.55	6.48
16.57	16.37	74TH	6.52	6.44
16.57	16.27	73TH	6.52	6.40

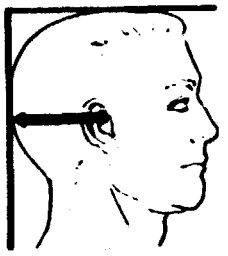
SUMMARY STATISTICS

CENTIMETERS		INCHES
17.01	MEAN	6.70
.79	STDEV	.31
SYMMETRY=BETA I=		.39
KURTOSIS=BETA II=		3.42
COEF. OF VAR. =		4.67
NUMBER OF SUBJ. =		1465

NO. 132 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
TRAGION TO WALL

THE HORIZONTAL DISTANCE FROM RIGHT TRAGION (THE CARTILAGINOUS NOTCH JUST FORWARD OF THE EAR HOLE) TO THE CORONAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	CUMF	PCT	CUMPCT
12.93-	13.32	2	1469	.14	100.00
12.55-	12.92	12	1467	.82	99.86
12.17-	12.54	46	1455	3.13	99.04
11.79-	12.16	69	1409	4.70	95.91
11.41-	11.78	68	1340	4.63	91.21
11.03-	11.40	128	1272	8.71	86.58
10.65-	11.02	162	1144	11.03	77.87
10.27-	10.64	194	982	13.21	66.84
9.89-	10.26	234	788	15.93	53.63
9.51-	9.88	234	554	15.93	37.70
9.13-	9.50	166	320	11.30	21.78
8.75-	9.12	110	154	7.49	10.48
8.37-	8.74	38	44	2.59	2.99
7.99-	8.36	17	22	1.16	1.50
7.61-	7.98	3	5	.20	.34
7.23-	7.60	1	2	.07	.14
6.85-	7.22	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
12.84	11.84	99TH	5.06	4.70
12.62	11.73	98TH	4.97	4.62
12.46	11.59	97TH	4.91	4.57
12.21	11.43	96TH	4.81	4.50
11.80	11.17	95TH	4.65	4.40
11.51	11.10	94TH	4.53	4.37
11.28	10.97	93TH	4.44	4.32
11.06	10.76	92TH	4.36	4.24
10.91	10.66	91TH	4.29	4.20
10.75	10.57	90TH	4.23	4.16
10.60	10.46	89TH	4.17	4.12
10.46	10.40	88TH	4.12	4.10
10.32	10.32	87TH	4.06	4.06
10.19	10.24	86TH	4.01	4.03
10.06	10.16	85TH	3.96	4.00
9.93	10.09	84TH	3.91	3.97
9.80	9.99	83TH	3.86	3.93
9.66	9.90	82TH	3.80	3.89
9.51	9.79	81TH	3.74	3.85
9.34	9.67	80TH	3.68	3.81
9.14	9.57	79TH	3.60	3.77
9.00	9.23	78TH	3.54	3.63
8.88	9.14	77TH	3.50	3.60
8.76	9.03	76TH	3.45	3.55
8.72	8.95	75TH	3.43	3.52

SUMMARY STATISTICS

CENTIMETERS		INCHES
10.63	MEAN	4.18
1.02	STDEV	.40
SYMMETRY=BETA I=		.28
KURTOSIS=BETA II=		2.77
COEF. OF VAR. =		9.61
NUMBER OF SUBJ. =		1467

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NO. 175 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
PRONASALE TO WALL

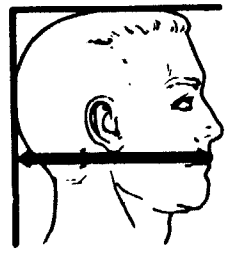
THE HORIZONTAL DISTANCE FROM THE TIP OF THE NOSE TO THE CORONAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	CUMF	PRCT	CUMPCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NO. 135 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
LIP PROTRUSION TO WALL

THE HORIZONTAL DISTANCE FROM THE MOST ANTERIOR POINT OF THE LIPS TO THE VERTICAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	COMP	PCT	CUMPCT
23.00-	23.99	1	1.00	.14	100.00
23.00-	23.99	1	1.00	.41	99.86
22.00-	22.99	13	1.07	.33	99.45
22.00-	22.99	70	1.00	2.06	99.07
21.00-	22.99	80	1.00	[illegible]	96.91
21.00-	21.99	161	1.73	1.33	90.44
21.00-	21.99	1[illegible]	11.[illegible]	12.37	73.65
21.00-	21.99	2[illegible]	[illegible]	19.27	66.02
20.00-	20.99	2[illegible]	[illegible]	14.16	44.41
19.00-	20.99	1[illegible]	[illegible]	12.82	30.24
19.00-	19.99	[illegible]	[illegible]	[illegible]	17.41
18.00-	18.99	[illegible]	[illegible]	[illegible]	[illegible]
18.00-	18.99	[illegible]	[illegible]	[illegible]	[illegible]
17.00-	17.99	1	1	.33	1.57
17.00-	17.99	1	1	.33	.67



PERCENTILES

CENTIMETERS GAF	USAF		INCHES GAF	USAF
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SUMMARY STATISTICS

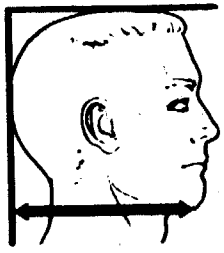
CENTIMETERS		INCHES
23.04	MEAN	9.14
.91	STDEV	.36

SKEWNESS-BETA I= .05
KURTOSIS-BETA II= 3.04
COEF. OF VAR. = .41
NUMBER OF SUBJS. = 1465

NO. 136 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
MENTON TO WALL

THE HORIZONTAL DISTANCE FROM MENTON (THE LOWEST POINT OF THE TIP OF THE CHIN) TO THE VERTICAL PLANE TANGENT TO THE BACK OF THE HEAD

RANGES (CM)		F	COMP	PCT	CUMPCT
26.00-	26.99	1	1.00	.07	100.00
26.00-	27.99	1	1.00	.07	99.93
26.00-	27.99	1	1.00	.06	99.86
22.00-	23.99	8	1.0[illegible]	.54	99.62
22.00-	22.99	17	1.0[illegible]	1.16	99.15
21.00-	22.99	31	1.0[illegible]	2.[illegible]	97.99
21.00-	21.99	76	1.0[illegible]	[illegible]	95.58
21.00-	21.99	85	1.0[illegible]	[illegible]	87.51
20.00-	21.99	128	1.[illegible]	[illegible]	79.94
20.00-	20.99	166	1.[illegible]	11.[illegible]	77.76
19.00-	20.99	[illegible]	[illegible]	17.[illegible]	66.51
19.00-	19.99	177	[illegible]	12.[illegible]	47.[illegible]
18.00-	19.99	178	[illegible]	12.[illegible]	34.[illegible]
18.00-	18.99	149	[illegible]	10.17	21.[illegible]
18.00-	18.99	117	[illegible]	[illegible]	11.[illegible]
17.00-	17.99	62	1.[illegible]	[illegible]	[illegible]
17.00-	17.99	41	[illegible]	[illegible]	[illegible]
17.00-	17.99	11	[illegible]	[illegible]	[illegible]
16.00-	17.99	13	13	.89	[illegible]
15.00-	16.99	7	7	.48	.48



PERCENTILES

CENTIMETERS GAF	USAF		INCHES GAF	USAF
22.53		5%TH	[illegible]	
22.27		6%TH	[illegible]	
22.09		5%TH	1.09	
21.92		6%TH	[illegible]	
21.34		5%TH	[illegible]	
21.25		4%TH	[illegible]	
20.89		3%TH	[illegible]	
20.82		2%TH	[illegible]	
20.44		2%TH	[illegible]	
20.27		1%TH	[illegible]	
20.11		1%TH	[illegible]	
19.96		1%TH	[illegible]	
19.61		1%TH	[illegible]	
19.06		.5%TH	[illegible]	
18.51		.4%TH	[illegible]	
18.76		.3%TH	[illegible]	
19.20		.3%TH	[illegible]	
19.03		.2%TH	[illegible]	
18.84		.2%TH	[illegible]	
18.62		.1%TH	[illegible]	
18.34		.1%TH	[illegible]	
17.91		[illegible]	[illegible]	
17.82		[illegible]	[illegible]	
17.70		[illegible]	[illegible]	
17.61		[illegible]	[illegible]	

SUMMARY STATISTICS

CENTIMETERS		INCHES
18.57	MEAN	7.31
1.19	STDEV	.47

SKEWNESS-BETA I= .34
KURTOSIS-BETA II= 2.96
COEF. OF VAR. = 6.39
NUMBER OF SUBJS. = 1465

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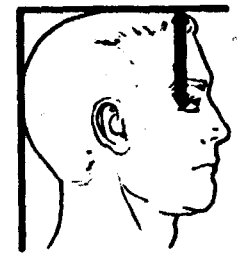
NO. 138 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ECTOCANTHUS TO TOP OF HEAD

THE VERTICAL DISTANCE FROM RIGHT EXTERNAL CANTHUS (THE OUTER CORNER OF THE EYE) TO THE LEVEL OF THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
14.81-	14.78	1	1465	.07	100.00
13.63-	14.80	5	1464	.34	99.93
13.25-	13.62	11	1459	.75	99.59
12.87-	13.24	31	1448	2.12	98.84
12.49-	12.86	68	1417	4.64	96.72
12.11-	12.48	118	1351	8.05	92.08
11.73-	12.10	169	1241	11.53	84.71
11.35-	11.72	174	1072	11.88	73.18
10.97-	11.34	240	902	16.38	61.57
10.59-	10.96	194	662	13.24	45.19
10.21-	10.58	196	468	13.38	32.02
9.83-	10.20	133	283	9.08	19.32
9.45-	9.82	76	150	5.19	10.24
9.07-	9.44	43	74	2.94	5.05
8.69-	9.06	18	29	1.23	1.98
8.31-	8.68	8	11	.55	.75
7.93-	8.30	4	3	.27	.20
7.55-	7.92	1	1	.07	.07



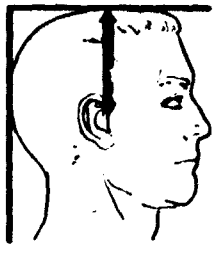
PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
13.58	13.93	99TH	5.35	5.48
13.35	13.34	95TH	5.26	5.25
13.26	13.24	90TH	5.22	5.21
12.99	13.24	95TH	5.11	5.21
12.61	12.55	80TH	4.97	5.10
12.56	12.75	75TH	4.97	5.02
12.15	12.63	70TH	4.79	4.98
11.98	12.47	65TH	4.72	4.91
11.92	12.35	60TH	4.69	4.86
11.87	12.24	55TH	4.69	4.82
11.53	12.13	50TH	4.54	4.78
11.49	12.03	45TH	4.49	4.74
11.26	11.94	40TH	4.43	4.70
11.13	11.84	35TH	4.38	4.66
10.99	11.74	30TH	4.33	4.62
10.86	11.64	25TH	4.27	4.58
10.71	11.53	20TH	4.22	4.54
10.56	11.42	15TH	4.16	4.50
10.38	11.29	10TH	4.09	4.45
10.14	11.15	5TH	4.01	4.39
9.83	10.97	1STH	3.91	4.32
9.50	10.71	0TH	3.75	4.21
9.31	10.34	[illegible]	3.67	4.15
9.13	10.42	5TH	3.60	4.10
8.84	10.23	10TH	3.48	4.03

SUMMARY STATISTICS

CENTIMETERS		INCHES
11.74	MEAN	4.63
1.14	SD DEV	.45

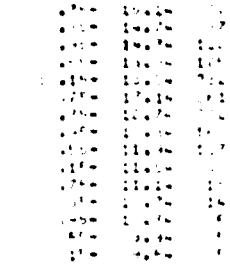
SYMMETRY=BETA I= -.34
KURTOSIS=BETA II= 2.49
COEF. OF VAR. = 9.25
NUMBER OF SUBJS = 1465



NO. 137 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
TRAGION TO TOP OF HEAD

THE VERTICAL DISTANCE FROM RIGHT TRAGION (THE NOTCH JUST FORWARD OF THE EAR) TO THE LEVEL OF THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SUMMARY STATISTICS

CENTIMETERS		INCHES
[illegible]	MEAN	[illegible]
[illegible]	SD DEV	[illegible]

SYMMETRY=BETA I= [illegible]
KURTOSIS=BETA II= [illegible]
COEF. OF VAR. = [illegible]
NUMBER OF SUBJS = [illegible]

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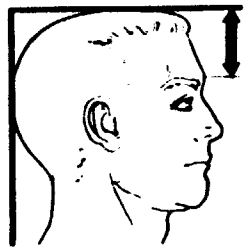
[illegible] FOR FREQUENCY TABLES FOR
GLABELLA TO TOP OF HEAD

[illegible] (THE FORWARD POINT OF THE [illegible] TO THE [illegible] OF THE TOP OF THE HEAD)



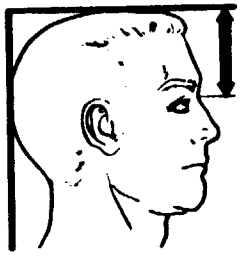
[illegible] STATISTICS

[illegible]	INCHES
[illegible] MEAN	[illegible]
[illegible] SD DEV	[illegible]

[illegible]

NO. 140 SUMMARY STATISTICS [illegible] FREQUENCY TABLES FOR
SELLION TO TOP OF HEAD

THE VERTICAL DISTANCE [illegible] SELLION (THE DEEPEST POINT IN THE NASAL FOOT CONCAVITY) TO THE [illegible] OF THE TOP OF THE HEAD



RANGES (CM)		F	CUMF	PCT	CUMPCT
13.7[illegible]	14.10	1	140	.07	1[illegible]
13.3[illegible]	13.7[illegible]	1	139	.07	[illegible]
12.[illegible]	13.3[illegible]	6	138	.41	[illegible]
12.81	12.9[illegible]	6	132	.41	[illegible]
12.2[illegible]	12.6[illegible]	3[illegible]	1[illegible]	[illegible]	[illegible]
11.8[illegible]	12.[illegible]	7[illegible]	1[illegible]	[illegible]	[illegible]
11.[illegible]	11.[illegible]	3[illegible]	13[illegible]	[illegible]	[illegible]
11.0[illegible]	11.[illegible]	11[illegible]	12[illegible]	[illegible]	[illegible]
10.71	11.[illegible]	1[illegible]	11[illegible]	11.[illegible]	[illegible]
10.[illegible]	10.7[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	10.[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]
9.[illegible]	9.9[illegible]	17[illegible]	[illegible]	1[illegible]	[illegible]
9.1[illegible]	9.5[illegible]	1[illegible]	[illegible]	11.1[illegible]	[illegible]
8.[illegible]	9.1[illegible]	12[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7.67	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
7.29	7.6[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
6.91	7.2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]
6.15	6.52	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
13.10	12.39	99TH	[illegible]	[illegible]
12.[illegible]	12.[illegible]	95TH	[illegible]	[illegible]
12.67	12.36	90TH	[illegible]	[illegible]
12.41	12.43	8[illegible]TH	[illegible]	[illegible]
11.96	11.97	8[illegible]TH	[illegible]	[illegible]
11.67	11.73	7[illegible]TH	[illegible]	[illegible]
11.43	11.26	7[illegible]TH	[illegible]	[illegible]
11.2[illegible]	11.1[illegible]	70TH	[illegible]	[illegible]
11.07	11.33	7[illegible]TH	[illegible]	[illegible]
10.9[illegible]	11.13	6[illegible]TH	[illegible]	[illegible]
10.79	10.97	6[illegible]TH	[illegible]	[illegible]
10.54	10.15	55TH	[illegible]	[illegible]
10.3[illegible]	10.72	5[illegible]TH	[illegible]	[illegible]
10.22	10.53	4[illegible]TH	[illegible]	[illegible]
10.0[illegible]	10.[illegible]	4[illegible]TH	[illegible]	[illegible]
9.92	10.16	4[illegible]TH	[illegible]	[illegible]
9.76	10.03	3[illegible]TH	[illegible]	[illegible]
9.60	10.09	25TH	[illegible]	[illegible]
9.39	9.94	20TH	[illegible]	[illegible]
9.17	9.77	15TH	[illegible]	[illegible]
9.09	9.55	10TH	[illegible]	[illegible]
9.47	9.24	5TH	[illegible]	[illegible]
[illegible]	9.15	3RD	[illegible]	[illegible]
7.98	9.01	2ND	[illegible]	[illegible]
7.62	8.69	1ST	[illegible]	[illegible]

SUMMARY STATISTICS

CENTIMETERS		INCHES
13.[illegible]	MEAN	[illegible]
1.20	SD DEV	[illegible]

SKEWNESS-DATA IS [illegible]
KURTOSIS-DATA IS 2.[illegible]
COEF. OF VAR. = 11.51
NUMBER OF SUBJ. = 140

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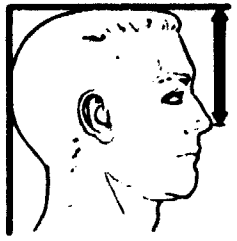
NO. 141 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
PRONASALE TO TOP OF HEAD

THE VERTICAL DISTANCE FROM THE TIP OF THE NOSE TO THE LEVEL OF THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
18.85-	19.24	1	1465	.07	100.00
18.45-	18.84	0	1464	.00	99.93
18.05-	18.44	5	1464	.34	99.93
17.65-	18.04	4	1459	.27	99.59
17.25-	17.64	12	1455	.82	99.32
16.85-	17.24	17	1443	1.16	98.50
16.45-	16.84	58	1426	3.96	97.34
16.05-	16.44	76	1368	5.19	93.38
15.65-	16.04	113	1292	7.71	88.19
15.25-	15.64	137	1179	9.35	80.48
14.85-	15.24	144	1042	9.83	71.13
14.45-	14.84	154	898	10.51	61.30
14.05-	14.44	136	744	9.28	50.79
13.65-	14.04	151	608	10.31	41.51
13.25-	13.64	101	457	6.89	31.20
12.85-	13.24	61	356	4.16	24.31
12.45-	12.84	77	295	5.26	20.14
12.05-	12.44	54	218	3.69	14.88
11.65-	12.04	23	164	1.57	11.19
11.25-	11.64	16	141	.93	9.62
10.85-	11.24	7	125	.48	8.53
10.45-	10.84	2	118	.14	8.05



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
9.91	17.44	99TH	6.85	6.87
9.81	17.11	97TH	6.74	6.74
9.00	16.33	95TH	6.64	6.61
8.72	16.27	90TH	6.39	6.40
8.36	16.18	85TH	6.25	6.37
8.44	15.93	80TH	6.23	6.26
8.69	15.66	75TH	6.15	6.17
8.46	15.47	70TH	6.03	6.09
8.36	15.33	65TH	5.91	6.04
8.07	15.14	60TH	5.87	5.96
8.41	14.93	55TH	5.78	5.90
8.7	14.74	50TH	5.70	5.84
8.56	14.51	45TH	5.73	5.79
8.37	14.37	40TH	5.58	5.74
8.19	14.21	35TH	5.53	5.69
8.01	14.05	30TH	5.47	5.64
7.81	13.84	25TH	5.44	5.57
7.66	13.67	20TH	5.36	5.51
7.51	13.41	15TH	5.27	5.44
7.33	13.21	10TH	5.17	5.36
7.20	13.06	5TH	5.10	5.29
7.04	12.72	1ST	4.98	5.16
6.75	12.27	.5TH	4.79	4.99
6.55	12.21	.1TH	4.70	4.98
6.35	12.14	.05TH	4.70	4.96

SUMMARY STATISTICS

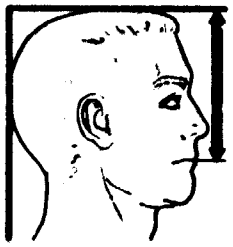
CENTIMETERS		INCHES
14.54	MEAN	5.72
1.33	SD DEV	.52

SYMMETRY-DELTA I= -.01
KURTOSIS-DELTA II= 2.73
COEF. OF VAR. = 9.17
NUMBER OF SUBJ. = 1465

NO. 142 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
STOMION TO TOP OF HEAD

THE VERTICAL DISTANCE FROM THE POINT OF CONTACT IN THE MIDSAGITTAL PLANE OF THE UPPER AND LOWER LIPS TO THE LEVEL OF THE TOP OF THE HEAD

RANGES (CM)		F	CUMF	FPCT	CUMPCT
21.85-	22.24	1	1465	.07	100.00
21.45-	21.84	2	1464	.14	99.93
21.05-	21.44	6	1462	.41	99.86
20.65-	21.04	3	1456	.20	99.39
20.25-	20.64	18	1453	1.23	99.18
19.85-	20.24	46	1437	3.14	98.09
19.45-	19.84	78	1391	5.19	94.95
19.05-	19.44	103	1313	7.03	89.76
18.65-	19.04	141	1212	9.62	82.73
18.25-	18.64	195	1071	13.31	73.11
17.85-	18.24	165	876	11.26	59.80
17.45-	17.84	198	721	13.51	49.22
17.05-	17.44	159	523	10.85	35.70
16.65-	17.04	129	374	8.81	25.53
16.25-	16.64	98	245	6.69	16.72
15.85-	16.24	84	149	5.73	10.17
15.45-	15.84	43	65	2.93	4.44
15.05-	15.44	31	22	2.12	1.50
14.65-	15.04	5	11	.34	.75
14.25-	14.64	5	6	.34	.41
13.85-	14.24	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
20.56	21.72	99TH	8.10	8.18
20.28	20.65	95TH	7.98	8.05
20.09	20.28	90TH	7.91	7.98
19.84	20.19	85TH	7.81	7.95
19.44	19.87	80TH	7.66	7.74
19.17	19.41	75TH	7.55	7.64
18.94	19.21	70TH	7.46	7.56
18.74	19.14	65TH	7.38	7.50
18.56	18.99	60TH	7.31	7.44
18.39	18.74	55TH	7.24	7.38
18.22	18.61	50TH	7.18	7.33
18.06	18.48	45TH	7.11	7.27
17.90	18.35	40TH	7.05	7.22
17.74	18.22	35TH	6.98	7.17
17.57	18.09	30TH	6.92	7.12
17.40	17.96	25TH	6.85	7.07
17.21	17.82	20TH	6.78	7.02
17.01	17.58	15TH	6.70	6.94
16.79	17.21	10TH	6.61	6.89
16.54	17.12	5TH	6.51	6.82
16.22	17.03	1ST	6.39	6.73
15.78	16.74	.5TH	6.21	6.59
15.62	16.52	.1ST	6.11	6.51
15.44	16.37	.05TH	6.04	6.44
15.09	16.12	1ST	5.94	6.35

SUMMARY STATISTICS

CENTIMETERS		INCHES
17.87	MEAN	7.04
1.23	SD DEV	.49

SYMMETRY-DELTA I= -.36
KURTOSIS-DELTA II= 2.91
COEF. OF VAR. = 6.91
NUMBER OF SUBJ. = 1465

No. 147 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
MENTON TO TOP OF HEAD

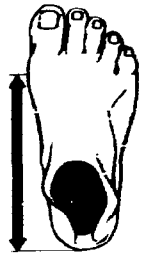
THE VERTICAL DISTANCE FROM THE LOWER EDGE OF THE TIP OF THE CHIN TO THE LOWER EDGE OF THE TIP OF THE HEAD

RANGES (CM)		F	CUMF	PERCT	CUMPCT
[illegible]	[illegible]	1	1459	.07	100.00
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NO. 145 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
INSTEP LENGTH

THE DISTANCE, MEASURED PARALLEL TO THE LONG AXIS OF THE FOOT, FROM THE RIGHT HEEL TO THE POINT OF MAXIMUM MEDIAL PROTUBERANCE OF THE FOOT

RANGES (CM)		F	CUMF	FPCT	CUMPCT
23.45-	23.84	1	1459	.07	100.00
23.05-	23.44	4	1458	.27	99.93
22.65-	23.04	13	1454	.89	99.66
22.25-	22.64	20	1441	1.37	98.77
21.85-	22.24	30	1421	2.06	97.40
21.45-	21.84	52	1391	3.56	95.34
21.05-	21.44	92	1339	6.31	91.78
20.65-	21.04	160	1247	10.97	85.47
20.25-	20.64	174	1087	11.93	74.50
19.85-	20.24	194	913	13.30	62.56
19.45-	19.84	197	719	13.50	49.28
19.05-	19.44	185	522	12.68	35.78
18.65-	19.04	157	337	10.76	23.10
18.25-	18.64	79	180	5.41	12.34
17.85-	18.24	50	101	3.43	6.92
17.45-	17.84	26	51	1.78	3.50
17.05-	17.44	12	25	.82	1.71
16.65-	17.04	7	13	.48	.89
16.25-	16.64	3	6	.21	.41
15.85-	16.24	1	3	.07	.21
15.45-	15.84	2	2	.14	.14



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
22.75	22.10	99TH	8.95	8.70
22.37	21.81	95TH	8.81	8.59
22.14	21.63	97TH	8.72	8.52
21.83	21.38	95TH	8.59	8.42
21.36	21.11	90TH	8.41	8.27
21.06	20.77	85TH	8.29	8.18
20.83	20.57	80TH	8.20	8.10
20.63	20.41	75TH	8.12	8.04
20.46	20.26	70TH	8.06	7.98
20.30	20.13	65TH	7.99	7.93
20.16	20.01	60TH	7.94	7.88
20.01	19.89	55TH	7.88	7.83
19.87	19.77	50TH	7.82	7.78
19.74	19.65	45TH	7.77	7.74
19.60	19.54	40TH	7.72	7.69
19.45	19.41	35TH	7.66	7.64
19.30	19.25	30TH	7.60	7.59
19.14	19.15	25TH	7.54	7.54
18.95	19.00	20TH	7.46	7.48
18.74	18.82	15TH	7.38	7.41
18.46	18.59	10TH	7.27	7.32
18.03	18.25	5TH	7.10	7.18
17.74	18.12	3RD	6.98	7.09
17.51	17.95	2ND	6.89	7.03
17.13	17.57	1ST	6.75	6.92

SUMMARY STATISTICS

CENTIMETERS		INCHES
19.89	MEAN	7.83
1.15	SD DEV	.45

SYMMETRY-BETA I= .81
KURTOSIS-BETA II= 3.28
COEF. OF VAR. = 5.76
NUMBER OF SUBJ. = 1459

NO. 146 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BALL OF FOOT BREADTH

THE MAXIMUM BREADTH OF THE RIGHT FOOT AS MEASURED AT RIGHT ANGLES TO THE LONG AXIS OF THE FOOT

RANGES (CM)		F	CUMF	FPCT	CUMPCT
11.85-	12.04	2	1459	.14	100.00
11.65-	11.84	5	1457	.34	99.86
11.45-	11.64	6	1452	.41	99.52
11.25-	11.44	12	1446	.82	99.11
11.05-	11.24	27	1434	1.85	98.29
10.85-	11.04	52	1407	3.56	96.44
10.65-	10.84	89	1355	6.10	92.87
10.45-	10.64	119	1266	8.16	86.77
10.25-	10.44	165	1147	11.31	78.62
10.05-	10.24	191	982	13.09	67.31
9.85-	10.04	202	791	13.85	54.22
9.65-	9.84	195	589	13.36	40.37
9.45-	9.64	111	394	7.61	29.47
9.25-	9.44	115	319	7.88	21.86
9.05-	9.24	76	204	5.75	13.98
8.85-	9.04	48	128	3.29	8.84
8.65-	8.84	32	73	2.19	5.34
8.45-	8.64	17	46	1.17	3.15
8.25-	8.44	14	29	.96	1.99
8.05-	8.24	8	15	.55	1.03
7.85-	8.04	7	7	.48	.48

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
11.41	11.13	99TH	4.49	4.38
11.21	10.85	95TH	4.41	4.27
11.10	10.75	97TH	4.37	4.23
10.95	10.51	90TH	4.31	4.18
10.74	10.44	85TH	4.23	4.10
10.60	10.27	80TH	4.17	4.04
10.49	10.17	75TH	4.13	4.00
10.39	10.08	70TH	4.09	3.97
10.31	10.01	65TH	4.06	3.94
10.23	9.94	60TH	4.03	3.91
10.15	9.87	55TH	3.99	3.89
10.07	9.81	50TH	3.96	3.86
9.99	9.75	45TH	3.93	3.84
9.91	9.69	40TH	3.90	3.81
9.83	9.62	35TH	3.87	3.79
9.74	9.56	30TH	3.84	3.76
9.65	9.50	25TH	3.80	3.74
9.55	9.42	20TH	3.76	3.71
9.43	9.35	15TH	3.71	3.68
9.28	9.26	10TH	3.65	3.64
9.09	9.15	5TH	3.58	3.60
8.81	8.99	3RD	3.47	3.54
8.61	8.88	2ND	3.39	3.50
8.47	8.73	1ST	3.33	3.48
8.24	8.73		3.24	3.44

SUMMARY STATISTICS

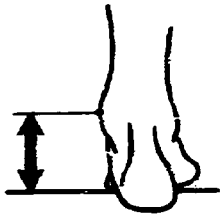
CENTIMETERS		INCHES
8.95	MEAN	3.52
.65	SD DEV	.26

SYMMETRY-BETA I= -.25
KURTOSIS-BETA II= 3.22
COEF. OF VAR. = 6.63
NUMBER OF SUBJ. = 1459

NO. 147 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
MEDIAL MALLEOLUS HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE MOST PROJECTING POINT
OF THE RIGHT MEDIAL MALLEOLUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
11.51-	11.32	1	1464	.07	100.00
11.13-	11.50	5	1463	.34	99.93
10.75-	11.12	28	1458	1.91	99.59
10.37-	10.74	37	1430	2.53	97.68
9.99-	10.36	187	1393	11.41	95.15
9.61-	9.98	311	1206	21.24	83.74
9.23-	9.60	357	915	24.39	62.50
8.85-	8.22	365	558	24.93	38.11
8.47-	8.84	75	193	5.12	13.18
8.09-	8.46	70	118	4.78	8.06
7.71-	8.08	35	48	2.39	3.28
7.33-	7.70	8	13	.55	.89
6.95-	7.32	5	5	.34	.34



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
11.14		99TH	4.39	
10.92		98TH	4.30	
10.79		97TH	4.25	
10.61		96TH	4.18	
10.36		95TH	4.08	
10.19		90TH	4.01	
10.07		85TH	3.96	
9.96		80TH	3.92	
9.87		75TH	3.88	
9.78		70TH	3.85	
9.70		65TH	3.82	
9.62		60TH	3.79	
9.54		55TH	3.76	
9.46		50TH	3.73	
9.38		45TH	3.69	
9.30		40TH	3.66	
9.21		35TH	3.63	
9.11		30TH	3.59	
9.00		25TH	3.54	
8.87		20TH	3.49	
8.69		15TH	3.42	
8.41		10TH	3.31	
8.21		5TH	3.23	
8.06		3RD	3.17	
7.80		2ND	3.07	
		1ST		

SUMMARY STATISTICS

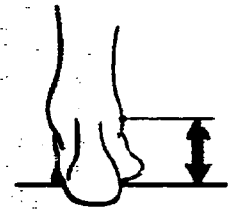
CENTIMETERS		INCHES
9.57	MEAN	3.75
.67	SD DEV	.26

SYMMETRY-BETA I= -.17
KURTOSIS-BETA II= 3.60
COEF. OF VAR. = 7.03
NUMBER OF SUBJ. = 1464

NO. 148 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
LATERAL MALLEOLUS HEIGHT

THE VERTICAL DISTANCE FROM THE FLOOR TO THE MOST PROJECTING POINT
OF THE RIGHT LATERAL MALLEOLUS

RANGES (CM)		F	CUMF	FPCT	CUMPCT
9.75-	9.94	1	1464	.07	100.00
9.55-	9.74	2	1463	.14	99.93
9.35-	9.54	11	1461	.75	99.80
9.15-	9.34	11	1450	.75	99.04
8.95-	9.14	31	1439	2.12	98.29
8.75-	8.94	30	1408	2.05	96.17
8.55-	8.74	42	1378	2.87	94.13
8.35-	8.54	108	1336	7.38	91.26
8.15-	8.34	121	1228	8.27	83.88
7.95-	8.14	182	1107	12.43	75.61
7.75-	7.94	143	925	9.77	63.18
7.55-	7.74	130	782	8.88	53.42
7.35-	7.54	207	652	14.14	44.54
7.15-	7.34	151	445	10.31	30.40
6.95-	7.14	164	294	11.20	20.08
6.75-	6.94	50	130	3.42	8.88
6.55-	6.74	19	80	1.30	5.46
6.35-	6.54	26	61	1.78	4.17
6.15-	6.34	12	35	.82	2.39
5.95-	6.14	16	23	1.09	1.57
5.75-	5.94	3	7	.20	.48
5.55-	5.74	1	4	.07	.27
5.35-	5.54	1	3	.07	.20
5.15-	5.34	1	2	.07	.14
4.95-	5.14	1	1	.07	.07



PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
9.29		99TH	3.66	
9.12		98TH	3.59	
9.00		97TH	3.54	
8.83		95TH	3.48	
8.56		90TH	3.37	
8.38		85TH	3.30	
8.24		80TH	3.24	
8.12		75TH	3.20	
8.01		70TH	3.16	
7.92		65TH	3.12	
7.83		60TH	3.08	
7.75		55TH	3.05	
7.67		50TH	3.02	
7.59		45TH	2.99	
7.52		40TH	2.96	
7.44		35TH	2.93	
7.36		30TH	2.90	
7.27		25TH	2.86	
7.17		20TH	2.82	
7.06		15TH	2.78	
6.91		10TH	2.72	
6.65		5TH	2.62	
6.46		3RD	2.54	
6.36		2ND	2.48	
6.02		1ST	2.37	

SUMMARY STATISTICS

CENTIMETERS		INCHES
7.70	MEAN	3.03
.66	SD DEV	.26

SYMMETRY-BETA I= .01
KURTOSIS-BETA II= 3.32
COEF. OF VAR. = 8.61
NUMBER OF SUBJ. = 1464

NO. 149 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BI-MALLEOLUS BREADTH

THE HORIZONTAL DISTANCE ACROSS THE PROTRUSIONS OF THE MEDIAL AND LATERAL ANKLE BONES OF THE RIGHT FOOT

RANGES (CM)		F	CUMF	FPCT	CUMPCT
9.15-	9.34	2	1459	.14	100.00
8.95-	9.14	7	1457	.48	99.86
8.75-	8.94	11	1450	.75	99.38
8.55-	8.74	28	1439	1.92	98.63
8.35-	8.54	46	1411	3.15	96.71
8.15-	8.34	112	1366	7.68	93.56
7.95-	8.14	236	1254	16.18	85.88
7.75-	7.94	213	1024	14.60	70.19
7.55-	7.74	251	811	17.21	55.59
7.35-	7.54	276	560	18.91	38.38
7.15-	7.34	127	324	8.70	22.26
6.95-	7.14	151	199	10.34	13.57
6.75-	6.94	46	47	3.15	3.22
6.55-	6.74	14	22	.96	1.51
6.35-	6.54	8	8	.55	.55

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
8.87	8.26	99TH	3.49	3.25
8.60	8.15	95TH	3.42	3.21
8.58	8.13	90TH	3.38	3.18
8.44	7.98	95TH	3.32	3.14
8.26	7.83	90TH	3.25	3.08
8.14	7.72	85TH	3.21	3.04
8.06	7.64	80TH	3.17	3.01
7.98	7.58	75TH	3.14	2.98
7.92	7.52	70TH	3.12	2.96
7.86	7.46	65TH	3.09	2.94
7.80	7.41	60TH	3.07	2.92
7.74	7.36	55TH	3.05	2.90
7.69	7.31	50TH	3.03	2.88
7.63	7.27	45TH	3.00	2.86
7.57	7.22	40TH	2.98	2.84
7.51	7.17	35TH	2.96	2.82
7.45	7.12	30TH	2.93	2.80
7.38	7.07	25TH	2.91	2.78
7.33	7.01	20TH	2.87	2.76
7.21	6.94	15TH	2.84	2.73
7.10	6.85	10TH	2.79	2.70
6.94	6.72	5TH	2.73	2.65
6.85	6.64	3RD	2.70	2.62
6.78	6.58	2ND	2.67	2.59
6.70	6.49	1ST	2.64	2.55

SUMMARY STATISTICS

CENTIMETERS		INCHES
7.69	MEAN	3.03
.46	SD DEV	.18

SYMMETRY-BETA I= .12
KURTOSIS-BETA II= 3.07
COEF. OF VAR. = 5.93
NUMBER OF SUBJ. = 1459

NO. 150 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
ANKLE CIRCUMFERENCE

THE MINIMUM CIRCUMFERENCE OF THE RIGHT ANKLE

RANGES (CM)		F	CUMF	FPCT	CUMPCT
26.95-	27.34	4	1464	.27	100.00
26.55-	26.94	4	1460	.27	99.73
26.15-	26.54	5	1456	.34	99.45
25.75-	26.14	9	1451	.61	99.11
25.35-	25.74	16	1442	1.09	98.50
24.95-	25.34	35	1426	2.39	97.40
24.55-	24.94	36	1391	2.46	95.01
24.15-	24.54	78	1355	5.33	92.55
23.75-	24.14	124	1277	8.47	87.22
23.35-	23.74	135	1153	9.22	78.76
22.95-	23.34	199	1018	13.59	69.54
22.55-	22.94	128	819	8.74	55.94
22.15-	22.54	130	691	22.78	47.20
21.75-	22.14	187	585	12.77	34.49
21.35-	21.74	115	318	7.86	21.72
20.95-	21.34	104	203	7.10	13.87
20.55-	20.94	41	99	2.80	6.76
20.15-	20.54	31	58	2.12	3.96
19.75-	20.14	17	27	1.16	1.84
19.35-	19.74	7	10	.48	.68
18.95-	19.34	3	3	.20	.20

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
26.06	25.63	99TH	10.26	10.09
25.57	25.19	95TH	10.07	9.92
25.28	24.92	97TH	9.95	9.81
24.91	24.57	95TH	9.81	9.67
24.38	24.05	90TH	9.60	9.47
24.04	23.71	85TH	9.47	9.33
23.78	23.45	80TH	9.36	9.23
23.56	23.22	75TH	9.23	9.14
23.37	23.03	70TH	9.20	9.07
23.19	22.85	65TH	9.13	9.00
23.03	22.68	60TH	9.06	8.93
22.86	22.52	55TH	9.00	8.87
22.70	22.36	50TH	8.94	8.80
22.55	22.21	45TH	8.88	8.74
22.39	22.05	40TH	8.81	8.68
22.22	21.89	35TH	8.75	8.62
22.05	21.73	30TH	8.68	8.55
21.86	21.55	25TH	8.61	8.48
21.65	21.35	20TH	8.52	8.40
21.41	21.12	15TH	8.43	8.31
21.10	20.83	10TH	8.31	8.20
20.67	20.42	5TH	8.14	8.04
20.40	20.15	3RD	8.03	7.93
20.21	19.95	2ND	7.95	7.86
19.92	19.65	1ST	7.84	7.73

SUMMARY STATISTICS

CENTIMETERS		INCHES
22.74	MEAN	8.95
1.28	SD DEV	.51

SYMMETRY-BETA I= .23
KURTOSIS-BETA II= 3.19
COEF. OF VAR. = 5.65
NUMBER OF SUBJ. = 1464

NO. 151 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
HEEL-ANKLE CIRCUMFERENCE

THE DIAGONAL CIRCUMFERENCE MEASURED AROUND THE RIGHT ANKLE WITH THE TAPE PASSING UNDER THE TIP OF THE HEEL AND OVER THE INSTEP AT THE JUNCTION OF THE FOOT AND LEG

RANGES (CM)		F	CUMF	FPCT	CUMPCT
39.95-	40.52	1	1464	.07	100.00
39.37-	39.94	3	1463	.20	99.93
38.79-	39.36	1	1460	.07	99.73
38.21-	38.78	7	1459	.48	99.66
37.63-	38.20	11	1452	.75	99.18
37.05-	37.62	24	1441	1.64	98.43
36.47-	37.04	40	1417	2.73	96.79
35.89-	36.46	74	1377	5.05	94.06
35.31-	35.88	123	1303	8.40	89.00
34.73-	35.30	181	1180	12.36	80.60
34.15-	34.72	181	999	12.36	68.24
33.57-	34.14	259	818	17.69	55.87
32.99-	33.56	194	559	13.25	38.18
32.41-	32.98	154	365	10.52	24.93
31.83-	32.40	110	211	7.51	14.41
31.25-	31.82	60	101	4.10	6.90
30.67-	31.24	21	41	1.43	2.80
30.09-	30.66	12	20	.82	1.37
29.51-	30.08	5	8	.34	.55
28.93-	29.50	2	3	.14	.20
28.35-	28.92	1	1	.07	.07

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
38.38		99TH	15.11	
37.77		98TH	14.87	
37.40		97TH	14.73	
36.93		96TH	14.54	
36.26		90TH	14.27	
35.82		85TH	14.10	
35.50		80TH	13.98	
35.22		75TH	13.87	
34.98		70TH	13.77	
34.76		65TH	13.69	
34.56		60TH	13.61	
34.36		55TH	13.53	
34.17		50TH	13.45	
33.98		45TH	13.38	
33.79		40TH	13.30	
33.59		35TH	13.22	
33.38		30TH	13.14	
33.16		25TH	13.05	
32.91		20TH	12.95	
32.61		15TH	12.84	
32.24		10TH	12.69	
31.67		5TH	12.47	
31.29		3RD	12.32	
31.01		2ND	12.21	
30.55		1ST	12.03	

SUMMARY STATISTICS

CENTIMETERS		INCHES
34.22	MEAN	13.47
1.61	SD DEV	.63

SYMMETRY-BETA I= .28
KURTOSIS-BETA II= 3.51
COEF. OF VAR. = 4.71
NUMBER OF SUBJ. = 1464

NO. 152 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
INSTEP CIRCUMFERENCE

THE VERTICAL CIRCUMFERENCE OF THE RIGHT INSTEP MEASURED WITH THE TAPE PASSING UNDER THE FOOT AND OVER THE JUNCTION OF THE LEG AND FOOT

RANGES (CM)		F	CUMF	FPCT	CUMPCT
31.33-	31.96	3	1464	.20	100.00
30.75-	31.32	8	1461	.55	99.80
30.17-	30.74	15	1453	1.02	99.25
29.59-	30.16	16	1438	1.23	98.22
29.01-	29.58	31	1420	2.12	96.99
28.43-	29.00	64	1389	4.37	94.88
27.85-	28.42	85	1325	5.81	90.51
27.27-	27.84	126	1240	8.61	84.70
26.69-	27.26	163	1114	11.13	76.09
26.11-	26.68	189	951	12.91	64.96
25.53-	26.10	220	762	15.03	52.05
24.95-	25.52	233	542	15.92	37.02
24.37-	24.94	173	309	11.82	21.11
23.79-	24.36	86	136	5.87	9.29
23.21-	23.78	37	50	2.53	3.42
22.63-	23.20	9	13	.61	.89
22.05-	22.62	4	4	.27	.27

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
30.93	28.91	99TH	12.18	11.34
30.29	28.40	98TH	11.92	11.18
29.89	28.14	97TH	11.77	11.08
29.35	27.80	95TH	11.56	10.94
28.57	27.27	90TH	11.25	10.74
26.06	26.33	85TH	11.05	10.60
27.68	26.67	80TH	10.90	10.50
27.36	26.45	75TH	10.77	10.41
27.08	26.26	70TH	10.66	10.34
26.84	26.10	65TH	10.57	10.27
26.61	25.92	60TH	10.48	10.20
26.40	25.76	55TH	10.39	10.14
26.20	25.61	50TH	10.31	10.08
26.00	25.47	45TH	10.24	10.03
25.80	25.32	40TH	10.16	9.97
25.61	25.17	35TH	10.08	9.91
25.41	25.02	30TH	10.01	9.85
25.21	24.86	25TH	9.92	9.79
24.99	24.68	20TH	9.84	9.72
24.74	24.47	15TH	9.74	9.64
24.45	24.22	10TH	9.63	9.53
24.04	23.83	5TH	9.46	9.38
23.78	23.57	3RD	9.36	9.28
23.59	23.38	2ND	9.29	9.20
23.30	23.06	1ST	9.17	9.08

SUMMARY STATISTICS

CENTIMETERS		INCHES
26.37	MEAN	10.38
1.62	SD DEV	.64

SYMMETRY-BETA I= .55
KURTOSIS-BETA II= 3.23
COEF. OF VAR. = 6.16
NUMBER OF SUBJ. = 1464

NO. 153 SUMMARY STATISTICS AND FREQUENCY TABLES FOR
BALL OF FOOT CIRCUMFERENCE

THE MAXIMUM CIRCUMFERENCE OF THE RIGHT FOOT AROUND THE DISTAL ENDS
OF THE PROTUBERANCES OF THE METATARSAL BONES

RANGES (CM)		F	CUMF	PERCT	CUMPCT
28.85-	29.24	3	1464	.20	100.00
28.45-	28.84	5	1461	.34	99.80
28.05-	28.44	11	1456	.75	99.46
27.65-	28.04	11	1445	.75	98.70
27.25-	27.64	33	1434	2.25	97.95
26.85-	27.24	47	1401	3.21	95.70
26.45-	26.84	55	1354	3.76	92.49
26.05-	26.44	97	1299	6.63	88.73
25.65-	26.04	113	1202	7.72	82.10
25.25-	25.64	169	1089	11.54	74.39
24.85-	25.24	207	920	14.14	62.84
24.45-	24.84	170	713	11.61	48.70
24.05-	24.44	153	543	10.45	37.09
23.65-	24.04	130	390	8.88	26.64
23.25-	23.64	127	260	8.71	17.76
22.85-	23.24	76	133	5.37	10.45
22.45-	22.84	40	75	2.73	5.12
22.05-	22.44	19	35	1.30	2.39
21.65-	22.04	4	16	.27	1.09
21.25-	21.64	7	12	.48	.82
20.85-	21.24	3	5	.20	.34
20.45-	20.84	2	2	.14	.14

PERCENTILES

CENTIMETERS GAF	CENTIMETERS USAF		INCHES GAF	INCHES USAF
28.17	28.34	99TH	11.39	11.34
27.73	27.58	98TH	10.92	10.87
27.46	27.33	97TH	10.81	10.76
27.10	26.37	95TH	10.67	10.62
26.57	26.45	90TH	10.46	10.41
26.22	26.11	85TH	10.32	10.28
25.95	25.85	80TH	10.22	10.1[illegible]
25.72	25.53	75TH	10.13	10.09
25.52	25.43	70TH	10.05	10.01
25.33	25.26	65TH	9.97	9.94
25.16	25.09	60TH	9.91	9.88
24.99	24.94	55TH	9.84	9.82
24.83	24.78	50TH	9.78	9.76
24.67	24.63	45TH	9.71	9.70
24.51	24.48	40TH	9.65	9.64
24.35	24.33	35TH	9.59	9.58
24.17	24.17	30TH	9.52	9.51
23.99	23.99	25TH	9.44	9.45
23.78	23.80	20TH	9.36	9.37
23.55	23.58	15TH	9.27	9.28
23.25	23.30	10TH	9.15	9.17
22.82	22.89	5TH	8.98	9.01
22.53	22.63	3RD	8.87	8.91
22.32	22.43	2ND	8.79	8.83
21.99	22.12	1ST	8.66	8.71

SUMMARY STATISTICS

CENTIMETERS		INCHES
24.48	MEAN	9.80
1.31	SD DEV	.51

SYMMETRY-BETA I= .14
KURTOSIS-BETA II= 3.16
COEF. OF VAR. = 5.25
NUMBER OF SUBJ. = 1464

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Headings in CAPITALS signify dimensions: headings in lower case signify body areas, or dimensions pertaining to those areas. Numerals in italics designate the dimensions in the Visual Index. Numerals in roman indicate data page numbers.

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APPENDIX

Definition of Percentile

In forming standards of human body dimensions, a useful method is to arrange each body dimension, (e.g. stature) of a reference collective in ascending order of magnitude and then find the absolute value of each dimension (e.g. stature) that cuts off the smallest 10 per cent of the subjects from the rest. This value is called the "10th percentile".

The term "5th percentile" means that in 5% of the subjects measured in this reference collective the body dimension in question is smaller than the absolute value corresponding to the 5th percentile in the percentile table.

The term "95th percentile" means that in 95% of the reference collective the relevant body dimension is smaller than the absolute value in the percentile table. In 5% of the collective this value exceeds the value shown in this table.

The "50th percentile" means, that one half of the reference collective examined has a lower and the other half a higher value, as pertains to the given body dimensions.

Formulas used for statistical procedures:

(1) **Mean Value**

$$\bar{x} = \frac{\sum_{i=1}^{N} X_i}{N}$$

(2) **Standard Deviation**

$$SD = \frac{1}{N}\sqrt{N\sum_{i=1}^{N} X_i^2 - \left(\sum_{i=1}^{N} X_i\right)^2}$$

(3) **Symmetry**

$$BETA\ I = \frac{1}{N \cdot SD^3} \cdot \sum_{i=1}^{N}\left(X_i - \bar{x}\right)^3$$

(4) **Kurtosis**

$$BETA\ II = \frac{1}{N \cdot SD^4} \cdot \sum_{i=1}^{N}\left(X_i - \bar{x}\right)^4$$

(5) **Coefficient of Variation**

$$CV = \frac{SD}{\bar{x}} \cdot 100\%$$

CORRELATION MATRIX
THE CORRELATION COEFFICIENTS

		1	2	3	4	5	6	7	8	9	10
1	WEIGHT	1.000	.451	.387	.427	.442	.433	.189	.517	.514	.514
2	SUB SCAPULAR	.451	1.000	.746	.749	.756	.696	.333	-.055	-.014	-.035
3	TRICEPS	.387	.746	1.000	.676	.675	.666	.381	.004	.041	.002
4	JUXTA NIPPLE	.427	.749	.676	1.000	.868	.707	.289	-.067	-.025	-.029
5	MAL-XIPHOID	.442	.756	.675	.868	1.000	.716	.313	-.059	-.020	-.017
6	SUPRA-ILIAC	.433	.696	.666	.707	.716	1.000	.325	-.003	.041	.015
7	DORSAL HAND	.189	.333	.381	.289	.313	.325	1.000	.045	.063	.025
8	STATURE	.517	-.055	.004	-.067	-.059	-.003	.045	1.000	.963	.949
9	CERVICALE HEIGHT	.514	-.014	.041	-.025	-.020	.041	.063	.963	1.000	.949
10	ACROMIALE HEIGHT	.514	-.035	.002	-.029	-.017	.015	.025	.949	.949	1.000
11	SUPRASTERNALE HGT	.530	-.012	.039	-.025	-.007	.040	.053	.961	.953	.947
12	NIPPLE-CHEST HGT	.457	-.065	-.003	-.068	-.050	-.005	.044	.936	.920	.928
13	WAIST HEIGHT	.396	-.118	-.039	-.116	-.099	-.014	.014	.907	.899	.900
14	ILIOCRISTALE HGT	.347	-.072	-.014	-.039	.010	-.018	.048	.756	.757	.770
15	TROCHANTERIC HGT	.296	-.210	-.134	-.167	-.164	-.157	-.058	.730	.717	.740
16	BUTTOCK HEIGHT	.402	-.089	-.022	-.079	-.069	-.012	.031	.854	.851	.852
17	GLUTEAL FURROW HGT	.390	-.087	-.019	-.075	-.070	-.021	.026	.868	.868	.874
18	CROTCH HEIGHT	.344	-.157	-.079	-.123	-.118	-.046	-.014	.818	.816	.837
19	RADIALE HEIGHT	.480	-.020	.032	-.035	-.026	.031	.067	.897	.898	.908
20	STYLION HEIGHT	.432	.056	.102	.067	.091	.113	.128	.795	.802	.822
21	DACTYLION HEIGHT	.405	-.023	-.011	-.028	-.030	.051	-.003	.731	.735	.775
22	PATELLA HEIGHT TOP	.336	-.064	-.026	-.037	-.019	.006	.056	.692	.696	.715
23	PATELLA HEIGHT BOT	.324	.013	.067	.012	.054	.043	.149	.663	.675	.656
24	CALF HEIGHT	.249	-.075	-.048	-.093	-.065	-.028	.042	.541	.547	.554
25	SITTING HEIGHT	.378	-.080	-.050	-.079	-.056	-.042	.043	.721	.664	.634
26	EYE HEIGHT	.347	-.095	-.080	-.084	-.067	-.049	.011	.666	.618	.605
27	MID SHOULDER HGT	.341	-.061	-.091	-.020	-.003	-.042	-.049	.582	.570	.628
28	ELBOW REST HEIGHT	.099	-.092	-.097	-.033	-.031	-.041	-.039	.157	.141	.188
29	THIGH CLEARANCE HT	.410	.100	.094	.141	.196	.145	.123	.327	.325	.330
30	KNEE HEIGHT	.433	-.060	.007	-.028	.017	.023	.098	.773	.730	.725
31	POPLITEAL HEIGHT	.222	-.157	-.089	-.119	-.071	-.044	.044	.656	.657	.651
32	FUNCTIONAL REACH	.354	.004	.048	-.002	-.003	-.017	.062	.591	.589	.562
33	ABDOMINAL DEPTH	.538	.497	.362	.496	.494	.420	.164	.016	.037	.042
34	SHOULDER-ELBOW LTH	.343	-.038	.045	-.016	-.011	.039	.077	.607	.587	.571
35	ELBOW-WRIST LENGTH	.315	-.006	.069	-.004	.028	.015	.126	.574	.560	.546
36	BUTTOCK-KNEE LNGTH	.591	.100	.132	.115	.138	.137	.095	.792	.800	.802
37	BUT-POPLITEAL LGTH	.430	.085	.140	.116	.136	.136	.086	.625	.628	.636
38	BIACROMIAL BREADTH	.215	.188	.154	.140	.206	.096	.105	.132	.154	.133
39	BIDELTOID BREADTH	.605	.288	.268	.304	.344	.241	.128	.242	.229	.232
40	KNEE-KNEE BREADTH	.565	.176	.196	.145	.158	.137	.090	.308	.280	.284
41	ELBOW-ELBOW BROTH	.621	.367	.313	.379	.374	.333	.143	.096	.088	.083
42	HIP BREADTH	.724	.347	.327	.338	.353	.331	.173	.363	.363	.332
43	CHEST DEPTH	.652	.455	.330	.435	.433	.366	.148	.113	.117	.120
44	WAIST DEPTH	.594	.510	.368	.521	.505	.444	.154	.012	.029	.035
45	BUTTOCK DEPTH	.571	.359	.288	.393	.403	.289	.147	.101	.093	.094
46	CHEST BREADTH	.553	.293	.245	.295	.286	.216	.108	.185	.159	.161
47	WAIST BREADTH	.687	.412	.334	.416	.406	.343	.144	.192	.194	.203
48	BI-ILIOCRISTALE	.695	.334	.265	.340	.343	.283	.108	.381	.364	.388
49	BI-TROCHANTERIC DR	.737	.340	.295	.318	.321	.284	.131	.439	.448	.446
50	POSTERIOR NECK LTH	.045	.088	.107	.121	.201	.110	.175	.132	.077	.095

		1	2	3	4	5	6	7	8	9	10
51	WAIST BACK	.363	.105	.072	.042	.027	.045	.037	.510	.561	.487
52	ANTERIOR NECK LGTH	-.161	-.336	-.244	-.322	-.335	-.321	-.057	.211	.148	.154
53	WAIST FRONT	.534	.337	.251	.299	.285	.273	.112	.368	.363	.330
54	CROTCH LENGTH	.641	.333	.302	.367	.346	.342	.118	.296	.292	.296
55	VERTICAL TRUNK CIR	.765	.360	.307	.339	.333	.320	.165	.529	.517	.507
56	NECK CIRC MAX	.670	.400	.259	.324	.336	.268	.095	.179	.165	.177
57	SCYE CIRC	.526	.286	.221	.293	.289	.205	.100	.204	.192	.193
58	BICEPS CIRC EXTND	.713	.454	.397	.423	.454	.369	.146	.075	.072	.089
59	ELBOW CIRC EXTEND	.731	.356	.313	.325	.367	.327	.132	.280	.269	.286
60	LOWER ARM CIRC EXT	.691	.352	.260	.284	.334	.267	.158	.213	.186	.199
61	WRIST CIRC	.616	.278	.208	.215	.234	.172	.168	.319	.294	.286
62	SL-SPINE-SCYE	.274	.035	.041	.087	.080	.143	-.006	.158	.147	.144
63	SL-SPINE-ELBOW	.427	.050	.114	.048	.063	.090	.085	.502	.495	.445
64	SL-SPINE-WRIST	.485	.025	.065	.040	.070	.065	.055	.656	.649	.622
65	BICEPS CIRC FLEXED	.706	.401	.355	.376	.396	.364	.134	.116	.105	.120
66	ELBOW CIRC FLEXED	.286	.097	.089	.080	.067	.034	.059	.196	.176	.190
67	FOREARM CIRC FLEXD	.531	.317	.237	.274	.305	.281	.134	.186	.164	.176
68	SLEEVE INSEAM	.180	-.028	.028	-.001	.055	.046	.120	.515	.526	.515
69	DELTOID ARC	.222	.056	.105	.068	.064	.108	.081	.287	.265	.252
70	SHOULDER LENGTH	.101	.169	.137	.124	.178	.115	.100	.062	.079	.048
71	SHOULDER CIRC	.759	.458	.356	.397	.414	.363	.158	.230	.227	.226
72	CHEST CIRC	.731	.452	.370	.454	.450	.428	.195	.186	.178	.186
73	WAIST CIRC	.752	.568	.435	.563	.549	.521	.169	.125	.149	.160
74	BUTTOCK CIRC	.875	.491	.436	.463	.475	.464	.204	.377	.386	.371
75	UPPER THIGH CIRC	.776	.386	.359	.350	.386	.340	.147	.241	.237	.238
76	LOWER THIGH CIRC	.652	.352	.347	.340	.363	.391	.218	.204	.185	.179
77	KNEE CIRC	.755	.338	.314	.294	.330	.286	.175	.396	.379	.377
78	CALF CIRC	.686	.272	.263	.237	.274	.268	.146	.211	.187	.183
79	VERT TRNK CIRC SIT	.661	.267	.232	.223	.212	.213	.145	.569	.551	.541
80	BUTTOCK CIRC SITNG	.843	.503	.415	.498	.512	.445	.190	.311	.321	.316
81	THIGH CIRC SITTING	.749	.344	.340	.312	.329	.312	.169	.293	.283	.278
82	KNEE CIRC SITTING	.713	.314	.279	.284	.309	.255	.124	.442	.432	.456
83	INTERSCYE	.406	.244	.208	.258	.246	.262	.085	.095	.103	.101
84	INTERSCYE MAX	.469	.250	.189	.236	.232	.236	.019	.193	.193	.189
85	HAND CIRC-THUMB	.436	.156	.175	.130	.162	.127	.218	.368	.341	.311
86	HAND CIRC-META	.357	.092	.086	.035	.036	-.008	.154	.306	.277	.254
87	HAND LENGTH	.393	-.038	.026	-.046	-.042	-.042	.087	.646	.620	.596
88	PALM LENGTH	.284	.061	.132	.059	.078	.089	.157	.466	.436	.401
89	HAND BRDTH AT THMB	.380	.038	.041	.034	.045	.010	.080	.375	.350	.339
90	HAND BRDTH-META	.411	.042	.054	.024	.026	.005	.114	.402	.375	.365
91	HAND THICK-META	.146	-.102	-.101	-.077	-.108	-.116	-.090	.104	.069	.098
92	WRIST BREADTH	.495	.092	.042	.071	.052	.078	.042	.383	.364	.348
93	ELBOW BREADTH	.448	.094	.081	.066	.048	.133	.022	.293	.279	.281
94	HEAD CIRC	.424	.116	.144	.072	.069	.098	.075	.254	.220	.206
95	SAGITTAL ARC	.099	-.131	-.088	-.150	-.205	-.108	-.109	.145	.104	.115
96	BIT-CORONAL ARC	.227	.169	.174	.101	.117	.089	.054	.152	.140	.106
97	BIT-MIN FRONT ARC	.291	.161	.157	.124	.123	.151	.091	.144	.145	.098
98	BIT-SUBNASALE ARC	.328	.183	.193	.161	.203	.229	.138	.206	.210	.170
99	BIT-MENTON ARC	.423	.208	.163	.159	.219	.242	.12[illegible]	.2[illegible]1	.257	.235
100	BI SUBMANDIBULAR A	.491	.206	.147	.208	.225	.249	.059	.249	.230	.244

		1	2	3	4	5	6	7	8	9	10
101	BIT-POSTERIOR ARC	.254	.056	.032	.009	-.040	-.002	-.055	.151	.124	.152
102	MIN FRONTAL ARC	.095	-.005	.069	-.003	-.001	.001	.142	.081	.077	.026
103	EAR-EAR BREADTH	.195	.105	.091	.079	.070	-.008	.056	.114	.099	.123
104	HEAD BREADTH	.239	.167	.134	.131	.159	.109	.066	.005	-.005	.011
105	BIT DIAMETER	.406	.269	.237	.244	.251	.185	.083	.127	.143	.155
106	MAX FRONTAL DIAM	.176	.110	.074	.107	.156	.043	.078	-.005	-.000	-.010
107	BIOCULAR DIAMETER	.154	-.022	.044	.047	-.007	.038	.088	.143	.129	.107
108	INTERPUPILLARY DIS	.207	.039	.026	.030	.028	.016	-.016	.163	.189	.162
109	NASAL ROOT BREADTH	.097	.003	-.012	.040	.044	.026	.008	.022	.030	.048
110	INTEROCULAR DIAM	.095	-.045	-.079	-.074	-.052	-.107	-.009	.039	.036	.046
111	BI-ZYGOMATIC DIAM	.250	.267	.293	.249	.302	.227	.232	.073	.079	.053
112	NASAL BREADTH	.179	.095	.040	.023	.021	-.010	.020	.086	.066	.071
113	LIP LENGTH	.173	.085	.079	.046	.016	.026	.062	.117	.103	.094
114	LIP LENGTH-SMILING	.204	.158	.183	.151	.141	.151	.136	.133	.105	.120
115	BIGONIAL DIAMETER	.271	.099	.062	.083	.080	.066	-.109	.054	.055	.102
116	MENTON-NASAL ROOT	.229	.104	.112	.049	.044	.079	.134	.232	.219	.172
117	SUBNASALE-NAS ROOT	.099	.153	.152	.118	.097	.083	.145	.105	.104	.057
118	MENTON-SUBNASALE L	.191	.006	.018	-.025	-.045	.011	.079	.212	.183	.152
119	NOSE PROTRUSION	.011	-.066	-.032	-.026	-.042	-.090	-.021	.045	.017	.055
120	LIP-LIP DISTANCE	-.064	-.175	-.104	-.161	-.138	-.135	.052	.129	.112	.100
121	PHILTRUM LENGTH	.160	.079	.034	.062	.036	.029	-.017	.055	.048	.045
122	EAR BREADTH	.095	.126	.095	.087	.090	.039	.106	.062	.052	.061
123	EAR LGTH ABOVE TRG	.147	.077	.046	.025	-.037	.025	-.016	.110	.112	.109
124	EAR LENGTH	.333	.203	.117	.185	.162	.094	.073	.204	.206	.206
125	EAR PROTRUSION	.044	.020	.011	.012	.016	-.050	.076	.043	.022	.037
126	HEAD LENGTH	.257	.113	.154	.130	.168	.156	.153	.207	.191	.183
127	MAX HEAD DIAG/MENT	.346	.099	.104	.106	.102	.162	.125	.385	.330	.320
128	MAX HEAD DIAG/NUCH	.295	.129	.075	.129	.143	.031	.073	.179	.184	.182
129	WALL-GLABELLA DIST	.254	-.018	.018	-.043	-.035	.008	.026	.227	.193	.189
130	WALL-NAS RT DP DST	.254	-.016	.013	-.026	-.028	.015	.023	.222	.186	.187
131	WALL-EX CANT DIST	.218	.023	-.006	.017	.022	-.013	-.025	.172	.154	.171
132	WALL-TRAGION DIST	.107	-.054	-.070	-.070	-.104	-.084	-.113	.113	.097	.128
133	WALL-PRONASAL DIST	.323	.056	.053	.033	.015	.069	.061	.285	.269	.265
134	WALL-SUBNASAL DIST	.314	.067	.044	.032	.020	.027	.020	.263	.246	.253
135	WALL-STOMION DIST	.324	.065	.054	.045	.035	.062	.039	.281	.264	.275
136	WALL-MENTON DIST	.359	.127	.083	.128	.109	.109	.031	.242	.236	.269
137	VERTEX-TRAGION HGT	.154	.048	.060	-.001	-.008	-.031	.043	.234	.189	.160
138	VERTEX-EX CANT HGT	.029	-.015	.015	-.063	-.039	-.045	.035	.110	.060	.035
139	VERTEX-GLABELLA HT	-.028	-.059	-.026	-.117	-.098	-.094	-.028	.060	.019	-.004
140	VERT-NAS RT DEP HT	.003	-.029	.010	-.071	-.041	-.059	.023	.089	.039	.027
141	VERT-PRONASAL HGT	-.003	-.030	-.004	-.069	-.053	-.055	.006	.057	.011	-.010
142	VERTEX-STOMION HGT	.057	-.024	.012	-.062	-.041	-.045	.019	.122	.068	.046
143	VERTEX-MENTON HGT	.110	.023	.060	-.020	.008	.006	.076	.175	.118	.092
144	FOOT LENGTH	.495	.001	.084	.032	.052	.038	.064	.675	.664	.654
145	BALL OF FOOT LNGTH	.398	.011	-.016	-.057	-.050	-.067	-.054	.550	.530	.558
146	BALL OF FOOT BRDTH	.352	.021	.015	.061	.085	.024	.011	.338	.318	.354
147	R.D"L MALLEOLUS HT	.288	.052	.098	.045	.065	.106	.065	.317	.333	.317
148	LAT"L MALLEOLUS HT	.288	.048	.053	.045	.065	.094	.015	.472	.439	.438
149	BI-MALLEOLUS BRDTH	.372	.015	.010	.017	.027	.020	.038	.445	.426	.421
150	ANKLE CIRC	.379	.203	.203	.148	.174	.158	.165	.312	.293	.291

		1	2	3	4	5	6	7	8	9	10
151	HEEL-ANKLE CIRC	.579	.125	.122	.077	.104	.086	.114	.540	.520	.519
152	INSTEP CIRC	.419	.026	.059	-.039	-.037	.026	.038	.387	.368	.342
153	BALL OF FOOT GIRTH	.476	.105	.137	.082	.120	.100	.162	.432	.408	.387
154	GRIP	.205	-.036	-.031	-.062	-.059	-.042	-.050	.464	.446	.457

		11	12	13	14	15	16	17	18	19	20
1	WEIGHT	.530	.457	.396	.347	.296	.402	.390	.344	.480	.432
2	SUB SCAPULAR	-.012	-.065	-.118	-.072	-.210	-.089	-.087	-.157	-.020	.056
3	TRICEPS	.039	-.003	-.039	-.014	-.134	-.022	-.015	-.079	.032	.102
4	JUXTA NIPPLE	-.025	-.068	-.116	-.039	-.167	-.079	-.075	-.123	-.035	.067
5	MAL-XIPHOID	-.007	-.050	-.099	.010	-.164	-.058	-.070	-.118	-.026	.091
6	SUPRA-ILIAC	.040	-.005	-.054	-.018	-.157	-.012	-.021	-.046	.031	.113
7	DORSAL HAND	.053	.044	.014	.048	-.058	.031	.026	-.014	.067	.128
8	STATURE	.961	.936	.907	.756	.730	.854	.868	.818	.897	.795
9	CERVICALE HEIGHT	.953	.920	.899	.757	.713	.851	.868	.816	.898	.802
10	ACROMIALE HEIGHT	.947	.928	.900	.770	.740	.852	.874	.837	.908	.822
11	SUPRASTERNALE HGT	1.000	.950	.910	.775	.723	.861	.873	.821	.893	.799
12	NIPPLE-CHEST HGT	.950	1.000	.919	.772	.752	.860	.874	.831	.874	.791
13	WAIST HEIGHT	.910	.918	1.000	.786	.776	.884	.902	.864	.838	.744
14	ILIOCRISTALE HGT	.775	.772	.786	1.000	.794	.776	.783	.743	.679	.676
15	TROCHANTERIC HGT	.723	.752	.776	.794	1.000	.768	.799	.792	.653	.599
16	BUTTOCK HEIGHT	.861	.860	.884	.776	.768	1.000	.931	.885	.791	.680
17	GLUTEAL FURROW HGT	.873	.874	.902	.783	.799	.931	1.000	.926	.806	.698
18	CROTCH HEIGHT	.821	.831	.864	.743	.792	.885	.926	1.000	.753	.680
19	RADIALE HEIGHT	.893	.874	.838	.679	.653	.791	.806	.753	1.000	.858
20	STYLION HEIGHT	.799	.791	.744	.676	.599	.680	.698	.680	.858	1.000
21	DACTYLION HEIGHT	.738	.728	.681	.544	.556	.621	.641	.634	.815	.851
22	PATELLA HEIGHT TOP	.705	.693	.716	.732	.672	.711	.728	.709	.633	.614
23	PATELLA HEIGHT BOT	.676	.650	.659	.741	.568	.662	.672	.585	.622	.601
24	CALF HEIGHT	.555	.534	.552	.542	.477	.572	.563	.500	.506	.436
25	SITTING HEIGHT	.658	.623	.544	.564	.464	.458	.453	.420	.596	.598
26	EYE HEIGHT	.616	.585	.519	.537	.458	.438	.432	.422	.548	.567
27	MID SHOULDER HGT	.571	.549	.467	.545	.440	.393	.406	.389	.542	.564
28	ELBOW REST HEIGHT	.149	.151	.058	.167	.146	.003	-.001	.044	.199	.291
29	THIGH CLEARANCE HT	.340	.315	.289	.526	.319	.313	.281	.227	.272	.315
30	KNEE HEIGHT	.738	.715	.723	.808	.692	.739	.729	.683	.650	[illegible]
31	POPLITEAL HEIGHT	.663	.656	.675	.778	.661	.659	.680	.660	.569	.553
32	FUNCTIONAL REACH	.586	.576	.592	.470	.468	.593	.579	.543	.513	.398
33	ABDOMINAL DEPTH	.051	.011	-.071	-.006	-.023	.004	-.012	-.061	.042	.061
34	SHOULDER-ELBOW LTH	.597	.586	.598	.470	.499	.628	.584	.572	.505	.383
35	ELBOW-WRIST LENGTH	.556	.548	.551	.579	.529	.551	.550	.525	.487	.416
36	BUTTOCK-KNEE LNGTH	.803	.781	.785	.721	.691	.780	.800	.746	.731	.666
37	BUT-POPLITEAL LGTH	.634	.621	.638	.639	.628	.627	.654	.647	.565	.557
38	BIACROMIAL BREADTH	.147	.114	.087	.331	.103	.063	.093	.037	.077	.154
39	BIDELTOID BREADTH	.247	.215	.182	.299	.212	.192	.170	.134	.185	.199
40	KNEE-KNEE BREADTH	.288	.208	.246	.152	.184	.251	.220	.181	.276	.264
41	ELBOW-ELBOW BRDTH	.095	.051	.016	.008	.023	.077	.029	-.019	.103	.061
42	HIP BREADTH	.358	.290	.243	.220	.144	.258	.237	.178	.340	.274
43	CHEST DEPTH	.146	.098	.043	.040	.036	.119	.099	.047	.117	.067
44	WAIST DEPTH	.042	.005	-.078	-.023	-.006	.012	-.007	-.043	.038	.043
45	BUTTOCK DEPTH	.116	.081	.024	.157	.162	.103	.054	.018	.090	.120
46	CHEST BREADTH	.189	.142	.111	.163	.133	.146	.119	.057	.169	.106
47	WAIST BREADTH	.196	.143	.104	.098	.146	.174	.163	.092	.200	.124
48	BI-ILIOCRISTALE	.370	.311	.269	.204	.217	.298	.288	.252	.344	.304
49	BI-TROCHANTERIC BR	.439	.372	.246	.265	.248	.351	.331	.281	.414	.346
50	POSTERIOR NECK LTH	.107	.110	.075	.372	.093	.073	.069	.027	.060	.211

		11	12	13	14	15	16	17	18	19	20
51	WAIST BACK	.476	.424	.363	.245	.235	.290	.334	.261	.472	.405
52	ANTERIOR NECK LGTH	.093	.161	.177	.177	.331	.146	.187	.173	.117	.124
53	WAIST FRONT	.423	.327	.125	.169	.084	.207	.181	.129	.355	.307
54	CROTCH LENGTH	.298	.259	.235	.089	.140	.193	.178	.181	.287	.284
55	VERTICAL TRUNK CIR	.515	.460	.355	.254	.249	.330	.317	.256	.519	.473
56	NECK CIRC MAX	.174	.134	.088	.077	.058	.118	.095	.050	.173	.148
57	SCYE CIRC	.205	.177	.154	.094	.153	.190	.151	.120	.214	.173
58	BICEPS CIRC EXTND	.089	.039	-.008	.070	.024	.021	.011	-.030	.075	.098
59	ELBOW CIRC EXTEND	.293	.238	.195	.219	.145	.215	.171	.135	.279	.279
60	LOWER ARM CIRC EXT	.213	.168	.117	.162	.091	.142	.116	.032	.197	.194
61	WRIST CIRC	.310	.266	.219	.184	.172	.218	.187	.142	.275	.250
62	SL-SPINE-SCYE	.160	.134	.130	.138	.098	.110	.106	.143	.128	.149
63	SL-SPINE-ELBOW	.497	.460	.469	.432	.365	.443	.434	.412	.385	.323
64	SL-SPINE-WRIST	.649	.621	.623	.610	.542	.594	.610	.577	.537	.452
65	BICEPS CIRC FLEXED	.124	.081	.030	.028	.006	.068	.038	.015	.119	.111
66	ELBOW CIRC FLEXED	.185	.193	.168	.052	.162	.194	.172	.163	.182	.164
67	FOREARM CIRC FLEXD	.184	.156	.106	.175	.075	.090	.110	.043	.178	.205
68	SLEEVE INSEAM	.535	.521	.529	.642	.445	.545	.510	.497	.406	.406
69	DELTOID ARC	.276	.281	.287	.136	.156	.294	.239	.216	.274	.215
70	SHOULDER LENGTH	.063	.045	.020	.241	.081	.006	.035	-.001	-.002	.080
71	SHOULDER CIRC	.252	.196	.152	.061	.043	.153	.148	.083	.218	.168
72	CHEST CIRC	.212	.156	.106	.073	.067	.170	.131	.090	.181	.122
73	WAIST CIRC	.163	.093	.029	.017	.011	.094	.098	.044	.151	.098
74	BUTTOCK CIRC	.391	.317	.263	.210	.157	.275	.252	.188	.355	.301
75	UPPER THIGH CIRC	.245	.190	.149	.124	.082	.150	.140	.070	.243	.206
76	LOWER THIGH CIRC	.200	.157	.119	.164	.040	.136	.080	.070	.174	.228
77	KNEE CIRC	.398	.341	.306	.284	.230	.315	.278	.221	.373	.338
78	CALF CIRC	.201	.141	.129	.132	.094	.124	.109	.086	.165	.169
79	VERT TRNK CIRC SIT	.547	.497	.398	.237	.256	.369	.350	.291	.560	.487
80	BUTTOCK CIRC SITNG	.336	.260	.187	.213	.150	.238	.203	.143	.299	.262
81	THIGH CIRC SITTING	.285	.243	.206	.173	.154	.196	.200	.139	.276	.253
82	KNEE CIRC SITTING	.452	.408	.382	.379	.321	.399	.385	.336	.434	.403
83	INTERSCYE	.092	.074	.067	-.061	-.017	.046	.040	.005	.086	.108
84	INTERSCYE MAX	.198	.147	.145	.099	.011	.130	.116	.122	.178	.149
85	HAND CIRC-THUMB	.348	.323	.286	.329	.221	.286	.245	.189	.297	.306
86	HAND CIRC-META	.284	.262	.244	.172	.187	.246	.217	.131	.267	.207
87	HAND LENGTH	.619	.610	.598	.516	.508	.565	.581	.542	.556	.457
88	PALM LENGTH	.442	.432	.429	.455	.371	.404	.402	.384	.362	.363
89	HAND BRDTH AT THMB	.362	.338	.321	.346	.269	.324	.291	.233	.317	267
90	HAND BRDTH-META	.383	.360	.327	.292	.273	.322	.285	.233	.356	.304
91	HAND THICK-META	.075	.102	.105	.036	.226	.092	.101	.103	.073	.036
92	WRIST BREADTH	.370	.327	.300	.153	.201	.295	.258	.235	.343	.219
93	ELBOW BREADTH	.297	.263	.223	.010	.101	.217	.207	.200	.291	.158
94	HEAD CIRC	.231	.209	.189	.097	.131	.193	.164	.134	.235	.153
95	SAGITTAL ARC	.113	.117	.146	-.145	.113	.121	.119	.161	.123	.011
96	BIT-CORONAL ARC	.131	.088	.076	.110	-.028	.044	.044	-.004	.126	.128
97	BIT-MIN FRONT ARC	.158	.104	.117	.099	-.004	.117	.064	.022	.154	.079
98	BIT-SUBNASALE ARC	.219	.184	.168	.182	.045	.174	.127	.089	.224	.172
99	BIT-MENTON ARC	.265	.227	.190	.188	.076	.194	.162	.126	.264	.202
100	BI SUBMANDIBULAR A	.260	.211	.176	.142	.106	.166	.164	.149	.262	.190

		11	12	13	14	15	16	17	18	19	20
101	BIT-POSTERIOR ARC	.124	.133	.124	-.170	.080	.131	.136	.142	.155	.043
102	MIN FRONTAL ARC	.062	.064	.052	.133	.101	.086	.051	.034	.058	.031
103	EAR-EAR BREADTH	.095	.083	.079	.149	.095	.062	.079	.045	.115	.133
104	HEAD BREADTH	.005	-.019	-.053	-.007	-.071	-.067	-.065	-.097	.002	.024
105	BIT DIAMETER	.138	.109	.075	.081	.057	.079	.063	.038	.152	.169
106	MAX FRONTAL DIAM	.024	.000	-.013	.068	-.050	.042	-.045	-.117	.011	.005
107	BIOCULAR DIAMETER	.113	.140	.144	.108	.174	.141	.125	.177	.107	.128
108	INTERPUPILLARY DIS	.171	.142	.142	.104	.071	.136	.133	.139	.163	.114
109	NASAL ROOT BREADTH	.027	.017	.016	.053	.051	-.005	.007	.006	.011	.043
110	INTEROCULAR DIAM	.045	.038	.053	.051	.086	.079	.049	.047	.040	.034
111	BI-ZYGOMATIC DIAM	.085	.061	.024	.211	.003	.035	.018	-.035	.083	.166
112	NASAL BREADTH	.065	.063	.044	-.038	-.002	.063	.051	.007	.090	.011
113	LIP LENGTH	.090	.076	.072	-.054	.047	.092	.082	.053	.130	.038
114	LIP LENGTH-SMILING	.116	.105	.087	-.031	-.013	.080	.072	.064	.135	.119
115	BIGONIAL DIAMETER	.072	.059	.038	.015	.068	.035	.059	.070	.056	.042
116	MENTON-NASAL ROOT	.207	.177	.190	.193	.120	.206	.168	.148	.180	.142
117	SUBNASALE-NAS ROOT	.092	.064	.074	.091	.041	.062	.060	-.004	.092	.071
118	MENTON-SUBNASALE L	.166	.165	.162	.163	.156	.197	.172	.151	.158	.113
119	NOSE PROTRUSION	.013	.057	.081	.093	.258	.068	.096	.095	.011	.070
120	LIP-LIP DISTANCE	.094	.118	.149	.158	.192	.124	.133	.140	.089	.114
121	PHILTRUM LENGTH	.026	.017	-.032	.033	.022	.009	-.001	.008	.038	.022
122	EAR BREADTH	.045	.045	.043	-.112	-.048	.032	.038	.004	.092	.094
123	EAR LGTH ABOVE TRG	.103	.099	.103	-.167	-.034	.072	.096	.066	.134	.024
124	EAR LENGTH	.197	.157	.129	.133	.118	.136	.138	.082	.212	.146
125	EAR PROTRUSION	.012	.012	-.005	.112	.130	.013	.026	-.032	.020	.037
126	HEAD LENGTH	.194	.193	.128	.205	.177	.132	.145	.145	.143	.248
127	MAX HEAD DIAG/MENT	.340	.325	.276	.251	.150	.265	.251	.224	.306	.294
128	MAX HEAD DIAG/NUCH	.164	.155	.101	.161	.133	.113	.106	.050	.160	.143
129	WALL-GLABELLA DIST	.204	.197	.176	.148	.164	.191	.176	.176	.190	.164
130	WALL-NAS RT DP DST	.200	.191	.174	.144	.162	.190	.170	.169	.191	.156
131	WALL-EX CANT DIST	.172	.164	.148	.193	.174	.162	.159	.142	.160	.134
132	WALL-TRAGION DIST	.096	.113	.128	-.089	.109	.122	.147	.178	.038	.047
133	WALL-PRONASAL DIST	.276	.261	.249	.196	.185	.267	.249	.234	.252	.198
134	WALL-SUBNASAL DIST	.252	.245	.228	.174	.177	.231	.239	.195	.246	.184
135	WALL-STOMION DIST	.272	.270	.255	.219	.223	.255	.266	.238	.255	.216
136	WALL-MENTON DIST	.253	.244	.223	.166	.193	.218	.234	.216	.241	.202
137	VERTEX-TRAGION HGT	.193	.172	.146	.059	.031	.125	.126	.067	.209	.137
138	VERTEX-EX CANT HGT	.072	.059	.031	.016	-.014	.010	.004	-.035	.068	.040
139	VERTEX-GLABELLA HT	.025	.017	.006	-.021	-.017	-.012	-.016	-.038	.021	.006
140	VERT-NAS RT DEP HT	.052	.048	.023	.042	.004	.004	-.007	-.024	.041	.061
141	VERT-PRONASAL HGT	.020	.009	-.013	.030	-.011	-.034	-.044	-.059	.011	.010
142	VERTEX-STOMION HGT	.076	.065	.037	.052	.015	.029	.011	-.006	.068	.072
143	VERTEX-MENTON HGT	.127	.110	.081	.163	.058	.088	.052	.028	.110	.127
144	FOOT LENGTH	.655	.636	.607	.573	.506	.565	.597	.537	.598	.523
145	BALL OF FOOT LNGTH	.525	.528	.504	.367	.427	.477	.499	.472	.498	.404
146	BALL OF FOOT BRDTH	.332	.326	.314	.464	.369	.275	.282	.292	.269	.351
147	MED"L MALLEOLUS HT	.308	.272	.269	.166	.120	.196	.218	.205	.312	.303
148	LAT"L MALLEOLUS HT	.436	.406	.405	.341	.259	.381	.395	.333	.427	.372
149	BI-MALLEOLUS BRDTH	.443	.410	.389	.392	.232	.333	.319	.281	.408	.383
150	ANKLE CIRC	.295	.271	.242	.178	.208	.208	.197	.169	.283	.270

		11	12	13	14	15	16	17	18	19	20
151	HEEL-ANKLE CIRC	.525	.505	.487	.410	.450	.466	.460	.409	.478	.447
152	INSTEP CIRC	.368	.345	.313	.123	.202	.318	.316	.262	.369	.242
153	BALL OF FOOT GIRTH	.420	.381	.362	.355	.265	.349	.313	.251	.381	.356
154	GRIP	.458	.443	.442	.316	.255	.406	.423	.378	.418	.299

		21	22	23	24	25	26	27	28	29	30
1	WEIGHT	.405	.336	.324	.249	.378	.347	.341	.099	.410	.433
2	SUB SCAPULAR	-.023	-.064	.013	-.075	-.080	-.095	-.061	-.092	.100	-.060
3	TRICEPS	-.011	-.026	.067	-.048	-.050	-.080	-.091	-.097	.094	.007
4	JUXTA NIPPLE	-.028	-.037	.012	-.093	-.079	-.084	-.020	-.033	.141	-.028
5	MAL-XIPHOID	-.030	-.019	.054	-.065	-.056	-.067	-.003	-.031	.196	.017
6	SUPRA-ILIAC	.051	.006	.043	-.028	-.042	-.049	-.042	-.041	.145	.023
7	DORSAL HAND	-.003	.056	.149	.042	.043	.011	-.049	-.039	.123	.098
8	STATURE	.731	.692	.663	.541	.721	.666	.582	.157	.327	.733
9	CERVICALE HEIGHT	.735	.696	.675	.547	.664	.618	.570	.141	.325	.730
10	ACROMIALE HEIGHT	.775	.715	.656	.554	.634	.605	.628	.188	.330	.725
11	SUPRASTERNALE HGT	.738	.705	.676	.555	.658	.616	.571	.149	.340	.738
12	NIPPLE-CHEST HGT	.728	.693	.650	.534	.623	.585	.549	.151	.315	.715
13	WAIST HEIGHT	.681	.716	.659	.552	.544	.519	.467	.058	.289	.723
14	ILIOCRISTALE HGT	.544	.732	.741	.542	.564	.537	.545	.167	.526	.808
15	TROCHANTERIC HGT	.556	.672	.568	.477	.464	.458	.440	.146	.319	.692
16	BUTTOCK HEIGHT	.621	.711	.662	.572	.458	.438	.393	.003	.313	.739
17	GLUTEAL FURROW HGT	.641	.728	.672	.563	.453	.432	.406	-.001	.281	.729
18	CROTCH HEIGHT	.634	.709	.585	.500	.420	.422	.389	.044	.227	.683
19	RADIALE HEIGHT	.815	.633	.622	.506	.596	.548	.542	.199	.272	.650
20	STYLION HEIGHT	.851	.614	.601	.436	.598	.567	.564	.291	.315	.625
21	DACTYLION HEIGHT	1.000	.547	.446	.419	.511	.497	.541	.337	.176	.497
22	PATELLA HEIGHT TOP	.547	1.000	.804	.641	.485	.483	.477	.158	.440	.773
23	PATELLA HEIGHT BOT	.446	.804	1.000	.648	.534	.488	.471	.121	.569	.815
24	CALF HEIGHT	.419	.641	.648	1.000	.374	.361	.382	.100	.368	.610
25	SITTING HEIGHT	.511	.485	.534	.374	1.000	.917	.797	.548	.458	.613
26	EYE HEIGHT	.497	.483	.488	.361	.917	1.000	.797	.571	.446	.588
27	MID SHOULDER HGT	.541	.477	.471	.382	.797	.797	1.000	.652	.448	.549
28	ELBOW REST HEIGHT	.337	.158	.121	.100	.548	.571	.652	1.000	.262	.222
29	THIGH CLEARANCE HT	.176	.440	.569	.368	.458	.446	.448	.262	1.000	.659
30	KNEE HEIGHT	.497	.773	.815	.610	.613	.568	.549	.222	.659	1.000
31	POPLITEAL HEIGHT	.442	.684	.712	.510	.540	.516	.489	.196	.531	.851
32	FUNCTIONAL REACH	.283	.405	.443	.325	.329	.286	.242	-.106	.139	.467
33	ABDOMINAL DEPTH	.047	-.000	.009	.015	-.050	-.063	-.005	-.048	.155	.031
34	SHOULDER-ELBOW LTH	.289	.471	.404	.336	.343	.328	.219	-.130	.179	.474
35	ELBOW-WRIST LENGTH	.253	.496	.513	.353	.413	.379	.310	.021	.346	.565
36	BUTTOCK-KNEE LNGTH	.557	.616	.613	.493	.420	.386	.373	-.046	.401	.690
37	BUT-POPLITEAL LGTH	.423	.546	.507	.341	.346	.335	.288	.005	.362	.586
38	BIACROMIAL BREADTH	.098	.182	.346	.173	.295	.264	.295	.119	.467	.334
39	BIDELTOID BREADTH	.095	.183	.294	.173	.287	.253	.239	.106	.435	.333
40	KNEE-KNEE BREADTH	.269	.193	.173	.155	.240	.219	.200	.085	.237	.274
41	ELBOW-ELBOW BRDTH	.044	.027	.061	-.012	.059	.050	.009	.004	.223	.116
42	HIP BREADTH	.236	.172	.264	.193	.309	.268	.255	.072	.302	.305
43	CHEST DEPTH	.036	.075	.093	.070	.311	-.005	-.003	-.089	.198	.114
44	WAIST DEPTH	.024	.009	.002	-.041	-.042	-.048	-.007	-.037	.157	.034
45	BUTTOCK DEPTH	.050	.139	.123	.063	.147	.116	.126	.105	.361	.204
46	CHEST BREADTH	.048	.125	.175	.003	.149	.116	.090	.004	.272	.203
47	WAIST BREADTH	.101	.125	.124	.108	.047	.014	.048	-.076	.193	.158
48	BI-ILIOCRISTALE	.295	.251	.184	.190	.174	.140	.213	.009	.188	.243
49	BI-TROCHANTERIC BR	.312	.273	.253	.220	.275	.249	.259	.011	.252	.316
50	POSTERIOR NECK LTH	-.033	.174	.393	.070	.348	.280	.243	.132	.534	.376

		21	22	23	24	25	26	27	28	29	30
51	WAIST BACK	.413	.229	.247	.202	.436	.360	.383	.120	.095	.237
52	ANTERIOR NECK LGTH	.103	.181	.105	.149	.263	.247	.151	.140	.022	.168
53	WAIST FRONT	.302	.140	.194	.104	.384	.349	.316	.181	.202	.198
54	CROTCH LENGTH	.323	.159	.058	.129	.204	.191	.201	.114	.145	.153
55	VERTICAL TRUNK CIR	.470	.238	.252	.205	.461	.397	.415	.193	.270	.311
56	NECK CIRC MAX	.162	.098	.094	.086	.127	.091	.129	.003	.218	.132
57	SCYE CIRC	.131	.082	.079	.062	.096	.070	.062	-.029	.149	.122
58	BICEPS CIRC EXTND	.063	.054	.061	.006	.084	.060	.110	.067	.310	.131
59	ELBOW CIRC EXTEND	.229	.195	.205	.181	.234	.208	.225	.098	.318	.290
60	LOWER ARM CIRC EXT	.146	.122	.201	.136	.209	.162	.177	.050	.335	.246
61	WRIST CIRC	.170	.180	.204	.139	.295	.244	.223	.052	.256	.265
62	SL-SPINE-SCYE	.133	.152	.125	.012	.200	.210	.155	.149	.204	.196
63	SL-SPINE-ELBOW	.227	.362	.383	.231	.367	.337	.226	-.046	.269	.447
64	SL-SPINE-WRIST	.327	.509	.522	.355	.462	.419	.358	-.016	.365	.592
65	BICEPS CIRC FLEXED	.106	.033	.040	.008	.085	.059	.071	.039	.243	.109
66	ELBOW CIRC FLEXED	.131	.074	.002	.016	.045	.031	-.017	-.076	-.060	.027
67	FOREARM CIRC FLEXD	.150	.106	.213	.071	.209	.175	.189	.078	.320	.216
68	SLEEVE INSEAM	.236	.507	.544	.426	.422	.420	.368	.055	.429	.610
69	DELTOID ARC	.145	.061	.114	.034	.130	.112	.015	-.081	.017	.150
70	SHOULDER LENGTH	-.067	.175	.292	-.010	.241	.219	.206	.129	.385	.270
71	SHOULDER CIRC	.153	.081	.105	.050	.099	.062	.077	-.077	.160	.124
72	CHEST CIRC	.113	.085	.099	.060	.075	.063	.046	-.028	.207	.157
73	WAIST CIRC	.123	.042	.039	.054	-.022	-.035	.034	-.084	.137	.070
74	BUTTOCK CIRC	.291	.201	.220	.189	.259	.223	.220	.022	.376	.300
75	UPPER THIGH CIRC	.212	.108	.158	.128	.197	.160	.188	.062	.360	.230
76	LOWER THIGH CIRC	.139	.126	.192	.060	.230	.205	.151	.098	.429	.288
77	KNEE CIRC	.291	.262	.283	.207	.293	.242	.248	.050	.348	.368
78	CALF CIRC	.141	.122	.134	.038	.218	.177	.141	.075	.346	.251
79	VERT TRNK CIRC SIT	.490	.246	.227	.210	.4[illegible]	.448	.434	.220	.123	.262
80	BUTTOCK CIRC SITNG	.239	.178	.218	.151	.260	.229	.275	.089	.368	.291
81	THIGH CIRC SITTING	.245	.149	.198	.143	.221	.186	.192	.051	.366	.276
82	KNEE CIRC SITTING	.357	.331	.347	.233	.298	.264	.308	.080	.387	.405
83	INTERSCYE	.101	-.010	-.063	-.037	-.038	-.050	-.063	-.131	-.037	-.027
84	INTERSCYE MAX	.137	.102	.102	-.003	.145	.141	.134	-.001	.143	.124
85	HAND CIRC-THUMB	.127	.261	.364	.189	.364	.306	.216	.042	.377	.394
86	HAND CIRC-META	.124	.136	.203	.144	.214	.158	.093	-.048	.131	.201
87	HAND LENGTH	.288	.460	.476	.342	.445	.408	.315	.011	.236	.510
88	PALM LENGTH	.143	.370	.430	.198	.407	.381	.231	.058	.295	.456
89	HAND BRDTH AT THMB	.160	.320	.345	.236	.343	.298	.250	.072	.312	.385
90	HAND BRDTH-META	.192	.292	.312	.244	.352	.310	.252	.070	.251	.355
91	HAND THICK-META	.100	.086	-.020	.085	.067	.085	.081	.086	.008	.059
92	WRIST BREADTH	.239	.230	.172	.221	.263	.246	.181	.020	.108	.237
93	ELBOW BREADTH	.254	.094	.013	.178	.096	.081	.059	-.031	-.072	.065
94	HEAD CIRC	.165	.120	.110	.128	.179	.114	.094	-.013	.077	.149
95	SAGITTAL ARC	.184	.053	-.193	.090	-.031	-.036	-.072	-.036	-.348	-.120
96	BIT-CORONAL ARC	.050	.066	.180	.056	.199	.113	.120	-.030	.175	.135
97	BIT-MID FRONT ARC	.063	.062	.146	.13[illegible]	.120	.109	.047	-.042	.108	.127
98	BIT-SUBNASALE ARC	.123	.108	.233	.146	.190	.162	.108	.034	.212	.224
99	BIT-MENTON ARC	.169	.137	.239	.149	.219	.188	.168	.036	.211	.248
100	BI SUBMANDIBULAR A	.217	.139	.160	.147	.195	.161	.185	.076	.140	.203

		21	22	23	24	25	26	27	28	29	30
101	BIT-POSTERIOR ARC	.202	.020	-.189	.005	-.078	-.068	-.075	-.088	-.332	-.148
102	MIN FRONTAL ARC	-.059	.080	.223	.064	.198	.164	.085	.071	.245	.228
103	EAR-EAR BREADTH	.059	.074	.087	-.019	.121	.068	.118	.045	.119	.101
104	HEAD BREADTH	-.001	.023	.053	.022	.066	.023	.089	.047	.136	.022
105	BIT DIAMETER	.159	.101	.067	.071	.087	.064	.141	.044	.110	.075
106	MAX FRONTAL DIAM	-.008	.014	.057	.160	.009	-.038	.012	.004	.136	.058
107	BIOCULAR DIAMETER	.085	.061	.030	.033	.079	.060	.002	-.003	.026	.080
108	INTERPUPILLARY DIS	.105	.095	.150	.129	.094	.084	.111	-.023	.077	.121
109	NASAL ROOT BREADTH	.045	.053	.056	.126	.086	.075	.151	.086	.117	.095
110	INTEROCULAR DIAM	.030	.043	.041	.100	.037	.037	.066	-.005	.055	.061
111	BI-ZYGOMATIC DIAM	-.041	.109	.285	.010	.215	.173	.136	.086	.369	.233
112	NASAL BREADTH	.038	-.004	.017	.013	-.015	-.071	-.020	-.121	-.060	-.030
113	LIP LENGTH	.070	.055	.006	.045	.015	-.007	-.039	-.119	-.088	-.027
114	LIP LENGTH-SMILING	.096	.045	.013	.005	.028	-.010	-.034	-.107	-.067	-.026
115	BIGONIAL DIAMETER	.152	.097	-.078	-.0[illegible]	-.034	-.011	.074	.064	-.026	-.019
116	MENTON-NASAL ROOT	.061	.194	.213	.057	.187	.197	.049	-.034	.149	.231
117	SUBNASALE-NAS ROOT	-.024	.038	.131	-.025	.081	.061	-.019	-.057	.050	.076
118	MENTON-SUBNASALE L	.083	.169	.179	.045	.207	.198	.085	.026	.166	.219
119	NOSE PROTRUSION	.040	.062	-.025	-.030	.026	.020	.022	.046	-.020	.025
120	LIP-LIP DISTANCE	.073	.131	.127	.151	.135	.109	.071	.032	.068	.147
121	PHILTRUM LENGTH	.017	.082	.064	-.059	.135	.136	.122	.093	.126	.082
122	EAR BREADTH	.058	-.058	-.057	.030	-.077	-.099	-.089	-.201	-.181	-.132
123	EAR LGTH ABOVE TRG	.154	-.058	-.152	.031	-.129	-.133	-.122	-.196	-.356	-.207
124	EAR LENGTH	.123	.102	.135	.079	.138	.095	.130	-.030	.094	.113
125	EAR PROTRUSION	-.036	.075	.112	.046	.134	.077	.112	.111	.192	.126
126	HEAD LENGTH	.073	.256	.334	.116	.329	.280	.266	.177	.378	.354
127	MAX HEAD DIAG/MENT	.236	.251	.293	.180	.373	.293	.241	.077	.239	.318
128	MAX HEAD DIAG/NUCH	.082	.174	.192	.157	.164	.106	.178	.004	.207	.161
129	WALL-GLABELLA DIST	.158	.173	.143	.181	.187	.134	.136	.041	.097	.187
130	WALL-NAS RT OP DST	.160	.175	.147	.185	.179	.143	.139	.054	.096	.189
131	WALL-EX CANT DIST	.126	.180	.173	.150	.155	.136	.183	.060	.146	.201
132	WALL-TRAGION DIST	.179	.025	-.182	.025	-.091	-.067	-.047	-.069	-.322	-.118
133	WALL-PRONASAL DIST	.220	.234	.206	.270	.192	.208	.169	.079	.109	.243
134	WALL-SUBNASAL DIST	.212	.208	.198	.234	.168	.160	.175	.031	.092	.202
135	WALL-STOMION DIST	.234	.248	.218	.240	.188	.212	.192	.059	.133	.245
136	WALL-MENTON DIST	.244	.221	.152	.216	.112	.194	.171	.047	.081	.174
137	VERTEX-TRAGION HGT	.070	.040	.149	.117	.185	.064	.064	-.106	.053	.073
138	VERTEX-EX CANT HGT	-.013	-.007	.066	.079	.163	-.000	.045	-.029	.046	.028
139	VERTEX-GLABELLA HT	-.002	-.016	-.004	.055	.112	-.028	.011	-.016	-.028	-.025
140	VERT-NAS RT DEP HT	.006	.011	.049	.060	.172	.022	.074	.034	.064	.038
141	VERT-PRONASAL HGT	-.038	-.006	.039	.031	.166	.033	.060	.045	.074	.031
142	VERTEX-STOMION HGT	.013	.022	.069	.067	.200	.059	.077	.019	.072	.064
143	VERTEX-MENTON HGT	-.001	.108	.197	.078	.277	.151	.116	.020	.230	.189
144	FOOT LENGTH	.401	.532	.539	.441	.495	.468	.423	.076	.366	.585
145	BALL OF FOOT LNGTH	.417	.380	.278	.272	.318	.315	.324	.042	.105	.336
146	BALL OF FOOT BRDTH	.220	.365	.354	.174	.400	.391	.396	.230	.479	.468
147	MED"L MALLEOLUS HT	.251	.206	.205	.213	.245	.208	.191	.054	.124	.235
148	LAT"L MALLEOLUS HT	.331	.340	.378	.346	.275	.236	.260	.020	.212	.374
149	BI-MALLEOLUS BRDTH	.323	.357	.408	.341	.415	.403	.377	.152	.339	.458
150	ANKLE CIRC	.230	.213	.195	.100	.259	.210	.174	.093	.251	.281

		21	22	23	24	25	26	27	28	29	30
151	HEEL-ANKLE CIRC	.378	.433	.383	.330	.365	.323	.283	.047	.275	.462
152	INSTEP CIRC	.263	.137	.175	.174	.196	.141	.102	-.054	.053	.222
153	BALL OF FOOT CIRTH	.220	.288	.372	.242	.388	.333	.262	.041	.387	.435
154	GRIP	.246	.260	.298	.236	.261	.254	.235	-.044	.088	.271

		31	32	33	34	35	36	37	38	39	40
1	WEIGHT	.222	.354	.533	.343	.315	.591	.430	.215	.605	.565
2	SUB SCAPULAR	-.157	.004	.497	-.038	-.006	.100	.085	.188	.288	.176
3	TRICEPS	-.039	.048	.302	.045	.069	.132	.140	.154	.268	.196
4	JUXTA NIPPLE	-.119	-.002	.496	-.016	-.004	.115	.116	.140	.304	.145
5	MAL-XIPHOID	-.071	-.003	.494	-.011	.026	.138	.136	.206	.344	.158
6	SUPRA-ILIAC	-.044	-.017	.420	.039	.015	.137	.136	.096	.241	.137
7	DORSAL HAND	.044	.062	.164	.077	.126	.095	.086	.105	.128	.090
8	STATURE	.656	.591	.016	.607	.574	.792	.625	.132	.242	.308
9	CERVICALE HEIGHT	.657	.589	.037	.587	.560	.800	.628	.154	.229	.280
10	ACROMIALE HEIGHT	.651	.562	.042	.571	.546	.802	.636	.133	.232	.284
11	SUPRASTERNALE HGT	.653	.586	.051	.597	.556	.803	.634	.147	.247	.288
12	NIPPLE-CHEST HGT	.656	.576	.011	.586	.546	.781	.621	.114	.215	.268
13	WAIST HEIGHT	.675	.592	-.071	.598	.551	.785	.638	.087	.182	.246
14	ILIOCRISTALE HGT	.778	.470	-.006	.470	.579	.721	.639	.331	.299	.152
15	TROCHANTERIC HGT	.661	.468	-.023	.489	.529	.691	.628	.103	.212	.184
16	BUTTOCK HEIGHT	.659	.593	.004	.628	.551	.780	.627	.063	.192	.251
17	GLUTEAL FURROW HGT	.680	.579	-.012	.584	.550	.800	.654	.093	.170	.220
18	CROTCH HEIGHT	.660	.543	-.001	.572	.525	.746	.647	.037	.134	.181
19	RADIALE HEIGHT	.569	.513	.042	.505	.487	.731	.565	.077	.185	.276
20	STYLION HEIGHT	.553	.398	.061	.383	.416	.666	.557	.154	.199	.264
21	DACTYLION HEIGHT	.442	.283	.047	.299	.253	.557	.423	.008	.095	.269
22	PATELLA HEIGHT TOP	.684	.405	-.000	.431	.496	.610	.546	.182	.183	.193
23	PATELLA HEIGHT BOT	.712	.445	.009	.404	.515	.613	.507	.346	.254	.173
24	CALF HEIGHT	.510	.325	.015	.336	.353	.493	.341	.073	.073	.155
25	SITTING HEIGHT	.540	.329	-.050	.348	.418	.420	.346	.295	.287	.240
26	EYE HEIGHT	.516	.286	-.063	.328	.379	.366	.335	.264	.253	.219
27	MID SHOULDER HGT	.489	.242	-.005	.219	.310	.373	.288	.295	.239	.200
28	ELBOW REST HEIGHT	.196	-.106	-.148	-.130	.021	-.045	-.005	.119	.106	.085
29	THIGH CLEARANCE HT	.531	.199	.155	.179	.346	.401	.362	.467	.435	.237
30	KNEE HEIGHT	.851	.467	.031	.474	.565	.690	.586	.334	.333	.274
31	POPLITEAL HEIGHT	1.000	.394	-.129	.377	.515	.581	.541	.334	.213	.050
32	FUNCTIONAL REACH	.394	1.000	.038	.482	.453	.552	.426	.120	.225	.212
33	ABDOMINAL DEPTH	-.129	.038	1.000	.050	.006	.224	.150	.104	.377	.290
34	SHOULDER-ELBOW LTH	.377	.482	.050	1.000	.544	.571	.478	-.117	.191	.184
35	ELBOW-WRIST LENGTH	.515	.453	.006	.544	1.000	.538	.510	.165	.245	.152
36	BUTTOCK-KNEE LNGTH	.581	.552	.224	.571	.538	1.000	.805	.175	.352	.321
37	BUT-POPLITEAL LGTH	.541	.426	.150	.478	.510	.805	1.000	.187	.327	.170
38	BIACROMIAL BREADTH	.334	.120	.104	-.117	.165	.175	.187	1.000	.532	.064
39	BIDELTOID BREADTH	.213	.225	.377	.191	.245	.352	.327	.532	1.000	.311
40	KNEE-KNEE BREADTH	.050	.212	.290	.184	.152	.321	.170	.064	.311	1.000
41	ELBOW-ELBOW BRDTH	-.091	.160	.503	.174	.114	.241	.203	.068	.522	.400
42	HIP BREADTH	.129	.277	.384	.258	.227	.417	.292	.135	.453	.465
43	CHEST DEPTH	-.069	.192	.564	.222	.131	.297	.213	.034	.442	.347
44	WAIST DEPTH	-.139	.070	.794	.099	.043	.232	.190	.039	.412	.323
45	BUTTOCK DEPTH	.023	.110	.594	.153	.206	.295	.281	.106	.485	.354
46	CHEST BREADTH	.056	.194	.418	.224	.220	.291	.263	.230	.634	.302
47	WAIST BREADTH	-.041	.208	.610	.220	.156	.385	.297	.067	.498	.394
48	BI-ILIOCRISTALE	.080	.258	.449	.235	.201	.447	.312	.094	.399	.405
49	BI-TROCHANTERIC BR	.136	.332	.397	.325	.286	.509	.374	.129	.433	.470
50	POSTERIOR NECK LTH	.401	.028	-.024	-.011	.250	.176	.248	.517	.275	.012

		31	32	33	34	35	36	37	38	39	40
51	WAIST BACK	.193	.302	.096	.157	.199	.344	.215	.108	.080	.202
52	ANTERIOR NECK LGTH	.204	.031	-.218	.019	.134	.090	.083	.024	-.056	.010
53	WAIST FRONT	.085	.195	.389	.205	.169	.268	.182	.114	.295	.239
54	CROTCH LENGTH	.008	.179	.410	.160	.097	.325	.224	.023	.330	.372
55	VERTICAL TRUNK CIR	.149	.330	.458	.276	.251	.484	.318	.110	.416	.498
56	NECK CIRC MAX	-.014	.180	.479	.090	.070	.271	.175	.183	.499	.385
57	SCYE CIRC	-.047	.195	.432	.304	.198	.313	.232	-.040	.413	.312
58	BICEPS CIRC EXTND	-.050	.066	.512	.028	.141	.243	.182	.242	.575	.428
59	ELBOW CIRC EXTEND	.096	.201	.455	.203	.227	.366	.245	.168	.505	.486
60	LOWER ARM CIRC EXT	.059	.157	.459	.117	.175	.316	.171	.229	.526	.494
61	WRIST CIRC	.089	.285	.404	.237	.270	.333	.220	.136	.446	.482
62	SL-SPINE-SCYE	.173	.102	.015	.089	.085	.120	.117	.195	.267	.111
63	SL-SPINE-ELBOW	.364	.404	.020	.483	.413	.466	.395	.214	.378	.189
64	SL-SPINE-WRIST	.551	.505	.044	.509	.573	.628	.531	.281	.398	.219
65	BICEPS CIRC FLEXED	-.064	.093	.474	.091	.125	.239	.159	.101	.521	.434
66	ELBOW CIRC FLEXED	-.070	.161	.204	.252	.174	.221	.168	-.223	.148	.233
67	FOREARM CIRC FLEXD	.128	.133	.303	.028	.098	.247	.151	.290	.437	.345
68	SLEEVE INSEAM	.616	.366	-.103	.418	.499	.476	.430	.286	.152	-.002
69	DELTOID ARC	.067	.239	.053	.420	.210	.260	.217	-.264	.158	.195
70	SHOULDER LENGTH	[illegible]	.074	.058	-.141	.153	.090	.184	.724	.347	-.026
71	SHOULDER CIRC	-.028	.251	.483	.151	.122	.336	.205	.234	.651	.429
72	CHEST CIRC	-.014	.201	.532	.267	.179	.320	.223	.061	.556	.379
73	WAIST CIRC	-.101	.134	.694	.114	.027	.320	.207	.071	.437	.345
74	BUTTOCK CIRC	.093	.274	.541	.257	.228	.494	.347	.138	.505	.517
75	UPPER THIGH CIRC	.025	.183	.432	.089	.129	.360	.205	.187	.478	.528
76	LOWER THIGH CIRC	.100	.108	.340	.189	.199	.310	.218	.141	.431	.533
77	KNEE CIRC	.132	.277	.437	.274	.284	.473	.308	.154	.456	.635
78	CALF CIRC	.073	.121	.324	.121	.157	.286	.184	.162	.453	.518
79	VERT TRNK CIRC SIT	.101	.373	.338	.314	.245	.438	.286	.038	.335	.425
80	BUTTOCK CIRC SITNG	.080	.236	.625	.200	.193	.439	.315	.237	.545	.487
81	THIGH CIRC SITTING	.070	.224	.375	.100	.166	.399	.232	.185	.449	.528
82	KNEE CIRC SITTING	.193	.324	.376	.245	.286	.521	.348	.208	.442	.579
83	INTERSCYE	-.088	.173	.277	.095	.015	.170	.133	.011	.290	.250
84	INTERSCYE MAX	.036	.243	.219	.074	.047	.188	.150	.329	.419	.268
85	HAND CIRC-THUMB	.279	.280	.182	.344	.398	.363	.275	.165	.374	.338
86	HAND CIRC-META	.078	.270	.212	.302	.260	.291	.174	-.059	.230	.312
87	HAND LENGTH	.443	.504	.021	.514	.548	.547	.434	.071	.263	.247
88	PALM LENGTH	.412	.341	.005	.441	.505	.405	.401	.142	.268	.179
89	HAND BRDTH AT THMB	.259	.295	.128	.285	.341	.322	.224	.164	.320	.307
90	HAND BRDTH-META	.223	.300	.185	.345	.320	.350	.222	.056	.287	.333
91	HAND THICK-META	-.044	.097	.066	.130	.046	.112	.062	-.181	.101	.212
92	WRIST BREADTH	.108	.280	.256	.355	.270	.312	.174	-.098	.227	.399
93	ELBOW BREADTH	-.015	.186	.196	.237	.071	.224	.046	-.218	.084	.312
94	HEAD CIRC	.068	.198	.228	.221	.149	.239	.141	-.034	.244	.275
95	SAGITTAL ARC	-.157	.052	-.008	.156	-.044	.015	-.052	-.469	-.166	.113
96	BIT-CORONAL ARC	.072	.131	.106	.016	.096	.124	.096	.268	.211	.134
97	BIT-MIN FRONT ARC	.047	.158	.151	.189	.112	.137	.075	.006	.185	.105
98	BIT-SUBNASALE ARC	.184	.153	.166	.213	.151	.205	.117	.089	.228	.121
99	BIT-MENTON ARC	.195	.176	.202	.197	.117	.252	.136	.181	.280	.203
100	BI SUBMANDIBULAR A	.147	.156	.270	.187	.060	.244	.119	.091	.245	.196

		31	32	33	34	35	36	37	38	39	40
101	BIT-POSTERIOR ARC	-.222	.114	.176	.140	-.052	.094	.001	-.355	-.037	.266
102	MIN FRONTAL ARC	.163	.069	.034	.202	.202	.113	.087	.067	.156	.129
103	EAR-EAR BREADTH	.053	.086	.148	.062	.106	.161	.170	.165	.263	.168
104	HEAD BREADTH	-.032	-.015	.233	-.066	-.061	.050	.014	.188	.236	.172
105	BIT DIAMETER	-.031	.082	.339	.042	.054	.187	.116	.115	.294	.266
106	MAX FRONTAL DIAM	-.028	-.031	.206	.049	-.001	.062	-.033	-.017	.143	.095
107	BIOCULAR DIAMETER	.068	.114	.021	.199	.192	.159	.125	-.199	.062	.123
108	INTERPUPILLARY DIS	.098	.220	.064	.057	.073	.170	.100	.094	.122	.132
109	NASAL ROOT BREADTH	.063	.011	.106	-.086	-.028	.058	-.001	.124	.078	.129
110	INTEROCULAR DIAM	.015	.076	.078	-.009	.002	.075	.003	.018	.094	.147
111	BI-ZYGOMATIC DIAM	.149	.052	.183	.082	.165	.174	.198	.352	.351	.142
112	NASAL BREADTH	-.074	.143	.121	-.016	.011	.084	-.027	.028	.089	.170
113	LIP LENGTH	-.080	.106	.098	.125	.099	.094	.028	-.131	.037	.082
114	LIP LENGTH-SMILING	-.059	.092	.093	.144	.107	.122	.086	-.121	.067	.090
115	BIGONIAL DIAMETER	-.024	-.013	.170	-.103	-.108	.046	.027	.099	.159	.145
116	MENTON-NASAL ROOT	.159	.203	.075	.256	.244	.196	.191	.106	.215	.150
117	SUBNASALE-NAS ROOT	.033	.154	.068	.141	.172	.103	.145	.085	.142	.022
118	MENTON-SUBNASALE L	.164	.152	.043	.162	.185	.171	.131	.093	.156	.196
119	NOSE PTOTRUSION	-.018	.034	.051	.104	.144	.099	.143	-.115	.085	.085
120	LIP-LIP DISTANCE	.174	.084	-.149	.092	.148	.109	.107	-.019	-.038	.011
121	PHILTRUM LENGTH	.030	.037	.116	-.028	.079	.033	.036	.201	.173	.105
122	EAR BREADTH	-.186	.088	.142	.078	-.015	.147	.028	-.224	-.002	.118
123	EAR LGTH ABOVE TRG	-.217	.137	.037	.087	-.072	.024	-.089	-.375	-.129	.060
124	EAR LENGTH	.020	.187	.251	.137	.135	.219	.146	.132	.257	.155
125	EAR PROTRUSION	.113	-.022	.063	.002	.091	.080	.096	.141	.110	.091
126	HEAD LENGTH	.304	.075	.134	.102	.264	.255	.277	.303	.299	.146
127	MAX HEAD DIAG/MENT	.282	.159	.091	.198	.218	.271	.215	.155	.173	.246
128	MAX HEAD DIAG/NUCH	.112	.091	.287	.061	.193	.264	.197	.171	.266	.168
129	WALL-GLABELLA DIST	.138	.145	.112	.180	.186	.194	.120	-.008	.111	.167
130	WALL-NAS RT CP DST	.133	.145	.114	.181	.170	.189	.112	-.017	.105	.165
131	WALL-EX CANT DIST	.150	.158	.132	.082	.121	.192	.121	.148	.171	.101
132	WALL-TRAGION DIST	-.133	.112	.061	.068	-.030	.063	-.012	-.307	-.117	.100
133	WALL-PRONASAL DIST	.170	.212	.101	.235	.193	.252	.152	-.020	.110	.163
134	WALL-SUBNASAL DIST	.139	.221	.133	.145	.150	.243	.136	.042	.136	.179
135	WALL-STOMION DIST	.189	.202	.103	.155	.168	.266	.170	.052	.140	.171
136	WALL-MENTON DIST	.113	.166	.156	.145	.125	.241	.149	-.003	.142	.140
137	VERTEX-TRAGION HGT	.033	.211	.067	.170	.141	.160	.096	-.024	.087	.133
138	VERTEX-EX CANT HGT	.001	.065	.040	.051	.076	.051	-.008	.024	.019	.089
139	VERTEX-GLABELLA HT	-.055	.019	.005	-.006	.007	-.027	-.047	.017	-.027	.049
140	VERT-NAS RT DEP HT	.006	.026	.021	.022	.069	.022	-.001	.062	.036	.089
141	VERT-PRONASAL HGT	.011	.003	.014	.004	.051	-.011	-.007	.090	.052	.054
142	VERTEX-STOMION HGT	.030	.058	.039	.066	.084	.054	.019	.063	.069	.108
143	VERTEX-MENTON HGT	.136	.100	.055	.157	.201	.131	.140	.178	.193	.120
144	FOOT LENGTH	.492	.441	.094	.413	.455	.586	.443	.222	.287	.300
145	BALL OF FOOT LNGTH	.264	.353	.081	.263	.252	.442	.318	.129	.169	.302
146	BALL OF FOOT PRDTH	.422	.185	.114	.122	.299	.350	.341	.414	.386	.222
147	MED"L MALLEOLUS HT	.203	.186	.064	.167	.179	.256	.185	.057	.119	.185
148	LAT"L MALLEOLUS HT	.339	.281	.042	.235	.225	.345	.250	.118	.110	.142
149	BI-MALLEOLUS BRDTH	.368	.236	.050	.219	.226	.364	.200	.223	.212	.327
150	ANKLE CIRC	.112	.185	.243	.182	.225	.325	.225	.114	.332	.498

		31	32	33	34	35	36	37	38	39	40
151	HEEL-ANKLE CIRC	.314	.362	.231	.348	.380	.500	.377	.119	.323	.418
152	INSTEP CIRC	.109	.279	.123	.282	.164	.321	.133	-.116	.099	.399
153	BALL OF FOOT GIRTH	.319	.319	.146	.324	.367	.415	.285	.160	.327	.359
154	GRIP	.265	.301	-.104	.257	.268	.324	.223	.108	.079	.108

		41	42	43	44	45	46	47	48	49	50
1	WEIGHT	.621	.724	.652	.594	.571	.553	.687	.695	.737	.045
2	SUB SCAPULAR	.367	.347	.455	.510	.359	.293	.412	.334	.340	.088
3	TRICEPS	.313	.327	.330	.368	.288	.245	.334	.265	.298	.107
4	JUXTA NIPPLE	.379	.338	.435	.521	.393	.295	.416	.340	.318	.121
5	MAL-XIPHOID	.374	.353	.433	.505	.403	.286	.406	.343	.321	.201
6	SUPRA-ILIAC	.333	.331	.366	.444	.289	.216	.343	.283	.284	.110
7	DORSAL HAND	.143	.173	.148	.154	.147	.108	.144	.108	.131	.176
8	STATURE	.098	.363	.113	.012	.101	.185	.192	.351	.439	.132
9	CERVICALE HEIGHT	.088	.363	.117	.029	.093	.159	.194	.364	.448	.077
10	ACROMIALE HEIGHT	.083	.332	.120	.035	.094	.161	.203	.388	.446	.095
11	SUPRASTERNALE HGT	.095	.358	.146	.042	.116	.189	.196	.370	.439	.107
12	NIPPLE-CHEST HGT	.051	.290	.098	.005	.081	.142	.143	.311	.372	.110
13	WAIST HEIGHT	.016	.243	.043	-.078	.024	.111	.104	.269	.346	.075
14	ILIOCRISTALE HGT	.008	.220	.040	-.023	.157	.163	.098	.204	.265	.372
15	TROCHANTERIC HGT	.023	.144	.036	-.006	.162	.133	.146	.217	.248	.093
16	BUTTOCK HEIGHT	.077	.258	.119	.012	.103	.146	.174	.298	.351	.073
17	GLUTEAL FURROW HGT	.029	.237	.099	-.007	.054	.119	.163	.288	.331	.069
18	CROTCH HEIGHT	-.019	.178	.047	-.043	.018	.057	.092	.252	.281	.027
19	RADIALE HEIGHT	.103	.340	.117	.038	.090	.169	.200	.344	.414	.060
20	STYLION HEIGHT	.061	.274	.067	.043	.120	.106	.124	.304	.346	.211
21	DACTYLION HEIGHT	.044	.236	.038	.024	.050	.048	.101	.295	.312	-.033
22	PATELLA HEIGHT TOP	.027	.172	.075	.009	.139	.126	.125	.231	.273	.174
23	PATELLA HEIGHT BOT	.061	.264	.099	.002	.123	.175	.124	.184	.258	.393
24	CALF HEIGHT	-.012	.193	.070	-.041	.063	.003	.108	.190	.220	.070
25	SITTING HEIGHT	.059	.309	.011	-.042	.147	.149	.047	.174	.275	.348
26	EYE HEIGHT	.050	.268	-.005	-.048	.116	.115	.014	.140	.249	.280
27	MID SHOULDER HGT	.009	.255	-.003	-.007	.126	.090	.048	.213	.259	.243
28	ELBOW REST HEIGHT	.004	.072	-.089	-.037	.105	.004	-.078	.009	.011	.132
29	THIGH CLEARANCE HT	.223	.302	.198	.157	.361	.272	.193	.188	.252	.534
30	KNEE HEIGHT	.116	.305	.114	.034	.204	.203	.158	.243	.316	.376
31	POPLITEAL HEIGHT	-.091	.129	-.069	-.139	.023	.056	-.041	.080	.136	.401
32	FUNCTIONAL REACH	.160	.277	.192	.070	.110	.194	.208	.258	.332	.028
33	ABDOMINAL DEPTH	.503	.384	.564	.794	.594	.418	.610	.449	.397	-.024
34	SHOULDER-ELBOW LTH	.174	.268	.222	.090	.153	.224	.220	.235	.325	-.011
35	ELBOW-WRIST LENGTH	.114	.227	.131	.043	.206	.220	.156	.201	.286	.250
36	BUTTOCK-KNEE LNGTH	.241	.417	.297	.232	.295	.291	.385	.447	.509	.176
37	BUT-POPLITEAL LGTH	.203	.292	.213	.190	.281	.263	.297	.312	.374	.248
38	BIACROMIAL BREADTH	.068	.135	.034	.039	.106	.230	.067	.094	.129	.517
39	BIDELTOID BREADTH	.522	.453	.442	.412	.485	.634	.498	.399	.433	.275
40	KNEE-KNEE BREADTH	.400	.465	.347	.323	.354	.302	.394	.405	.470	.012
41	ELBOW-ELBOW BROTH	1.000	.563	.616	.592	.552	.641	.689	.464	.527	-.041
42	HIP BREADTH	.563	1.000	.543	.473	.463	.487	.599	.637	.732	.048
43	CHEST DEPTH	.616	.543	1.000	.678	.568	.525	.671	.518	.524	-.052
44	WAIST DEPTH	.592	.473	.678	1.000	.669	.496	.696	.498	.449	-.038
45	BUTTOCK DEPTH	.552	.463	.568	.669	1.000	.502	.603	.411	.417	.106
46	CHEST BREADTH	.641	.487	.525	.496	.502	1.000	.636	.410	.459	.081
47	WAIST BREADTH	.689	.599	.671	.696	.603	.636	1.000	.695	.649	-.082
48	BI-ILIOCRISTALE	.464	.637	.518	.498	.411	.410	.695	1.000	.814	-.052
49	BI-TROCHANTERIC BR	.527	.732	.524	.449	.417	.459	.649	.814	1.000	-.031
50	POSTERIOR NECK LTH	-.041	.048	-.052	-.038	.106	.081	-.082	-.052	-.031	1.000

		41	42	43	44	45	46	47	48	49	50
51	WAIST BACK	.075	.324	.130	.076	.085	.118	.188	.312	.373	-.067
52	ANTERIOR NECK LGTH	-.146	-.109	-.246	-.241	-.053	-.074	-.095	-.093	-.081	.118
53	WAIST FRONT	.333	.442	.421	.428	.330	.331	.375	.383	.405	.042
54	CROTCH LENGTH	.403	.444	.404	.445	.449	.282	.425	.425	.443	-.108
55	VERTICAL TRUNK CIR	.485	.615	.494	.498	.508	.419	.540	.529	.590	.009
56	NECK CIRC MAX	.324	.498	.561	.530	.464	.496	.584	.501	.501	-.016
57	SCYE CIRC	.529	.394	.504	.473	.491	.451	.520	.394	.429	-.082
58	BICEPS CIRC EXTND	.604	.531	.582	.563	.579	.492	.597	.496	.508	.079
59	ELBOW CIRC EXTEND	.548	.529	.530	.474	.475	.428	.540	.492	.537	.064
60	LOWER ARM CIRC EXT	.554	.510	.535	.467	.484	.454	.565	.462	.496	.136
61	WRIST CIRC	.483	.485	.472	.423	.442	.411	.494	.439	.523	.053
62	SL-SPINE-SCYE	.174	.172	.101	.054	.063	.209	.080	.109	.131	.096
63	SL-SPINE-ELBOW	.228	.375	.185	.074	.139	.302	.201	.208	.333	.113
64	SL-SPINE-WRIST	.193	.361	.192	.089	.178	.304	.249	.307	.406	.221
65	BICEPS CIRC FLEXED	.617	.537	.592	.534	.502	.463	.576	.488	.499	.011
66	ELBOW CIRC FLEXED	.292	.197	.266	.238	.260	.219	.290	.240	.271	-.128
67	FOREARM CIRC FLEXD	.389	.392	.367	.321	.284	.327	.368	.323	.351	.234
68	SLEEVE INSEAM	-.117	.069	-.094	-.146	-.032	-.042	-.097	.066	.114	.375
69	DELTOID ARC	.211	.211	.203	.156	.104	.255	.185	.131	.184	-.032
70	SHOULDER LENGTH	.022	.047	-.023	.026	.090	.129	.015	.026	.060	.503
71	SHOULDER CIRC	.608	.580	.612	.522	.432	.602	.650	.593	.593	-.055
72	CHEST CIRC	.686	.598	.734	.630	.526	.646	.678	.583	.573	-.056
73	WAIST CIRC	.608	.611	.685	.775	.523	.507	.784	.685	.623	-.106
74	BUTTOCK CIRC	.607	.778	.622	.603	.569	.502	.696	.727	.801	.007
75	UPPER THIGH CIRC	.528	.641	.514	.466	.517	.437	.574	.525	.600	.035
76	LOWER THIGH CIRC	.453	.525	.424	.403	.442	.384	.404	.393	.460	.253
77	KNEE CIRC	.504	.600	.507	.468	.491	.414	.547	.551	.637	.072
78	CALF CIRC	.469	.507	.423	.379	.458	.393	.459	.408	.458	.107
79	VERT TRNK CIRC SIT	.399	.554	.421	.380	.376	.355	.472	.508	.569	-.090
80	BUTTOCK CIRC SITNG	.615	.751	.642	.679	.627	.521	.701	.697	.734	.051
81	THIGH CIRC SITTING	.497	.614	.470	.416	.490	.420	.540	.478	.553	.050
82	KNEE CIRC SITTING	.409	.527	.457	.424	.454	.376	.509	.533	.564	.129
83	INTERSCYE	.332	.259	.304	.278	.217	.266	.327	.321	.291	-.089
84	INTERSCYE MAX	.322	.289	.274	.232	.147	.348	.282	.301	.330	.043
85	HAND CIRC-THUMB	.324	.355	.315	.213	.318	.320	.294	.277	.356	.299
86	HAND CIRC-META	.321	.290	.312	.212	.278	.260	.330	.254	.317	-.010
87	HAND LENGTH	.175	.319	.173	.079	.143	.271	.236	.283	.359	.094
88	PALM LENGTH	.169	.220	.129	.076	.164	.251	.148	.126	.230	.274
89	HAND BRDTH AT THMB	.269	.257	.251	.140	.247	.296	.277	.251	.318	.140
90	HAND BRDTH-META	.283	.311	.280	.196	.265	.276	.307	.284	.360	.078
91	HAND THICK-META	.193	.127	.170	.134	.206	.180	.229	.100	.137	-.200
92	WRIST BREADTH	.351	.400	.382	.271	.261	.274	.389	.396	.471	-.169
93	ELBOW BREADTH	.265	.342	.308	.220	.129	.161	.342	.395	.410	-.323
94	HEAD CIRC	.326	.305	.275	.236	.236	.308	.343	.254	.307	-.121
95	SAGITTAL ARC	.014	.000	.004	-.009	-.041	-.030	.085	.088	.084	-.586
96	BIT-CORONAL ARC	.101	.189	.072	.075	.113	.218	.156	.072	.149	.183
97	BIT-MIN FRONT ARC	.243	.225	.188	.133	.134	.235	.211	.075	.175	-.073
98	BIT-SUBNASALE ARC	.201	.243	.195	.141	.136	.170	.174	.120	.197	.090
99	BIT-MENTON ARC	.218	.320	.253	.203	.142	.195	.229	.231	.282	.108
100	BI SUBMANDIBULAR A	.227	.316	.275	.267	.162	.160	.274	.297	.312	-.027

		41	42	43	44	45	46	47	48	49	50
101	BIT-POSTERIOR ARC	.235	.177	.207	.197	.097	.104	.277	.304	.280	-.491
102	MIN FRONTAL ARC	.169	.147	.133	.084	.182	.225	.117	.027	.079	.208
103	EAR-EAR BREADTH	.182	.166	.139	.175	.212	.270	.258	.206	.238	.148
104	HEAD BREADTH	.209	.189	.155	.198	.181	.215	.253	.207	.197	.084
105	BIT DIAMETER	.322	.292	.293	.324	.299	.276	.371	.365	.306	-.032
106	MAX FRONTAL DIAM	.146	.163	.153	.164	.239	.119	.217	.173	.149	-.004
107	BIOCULAR DIAMETER	.109	.149	.086	.083	.166	.110	.108	.075	.101	-.037
108	INTERPUPILLARY DIS	.093	.210	.123	.080	.059	.094	.133	.170	.171	-.036
109	NASAL ROOT BREADTH	.065	.077	.018	.053	.091	-.039	.114	.106	.081	.025
110	INTEROCULAR DIAM	.069	.087	.069	.063	.122	.054	.121	.125	.102	-.066
111	BI-ZYGOMATIC DIAM	.231	.218	.175	.208	.284	.300	.196	.129	.174	.401
112	NASAL BREADTH	.145	.205	.155	.141	.101	.155	.217	.164	.199	-.084
113	LIP LENGTH	.198	.161	.201	.145	.107	.165	.199	.150	.195	-.191
114	LIP LENGTH-SMILING	.157	.140	.168	.126	.079	.077	.152	.160	.164	-.044
115	BIGONIAL DIAMETER	.153	.117	.146	.168	.110	.162	.188	.246	.208	-.174
116	MENTON-NASAL ROOT	.201	.147	.159	.106	.133	.263	.141	.091	.163	.100
117	SUBNASALE-NAS ROOT	.163	.090	.117	.109	.134	.228	.144	.037	.123	.097
118	MENTON-SUBNASALE L	.142	.159	.124	.066	.123	.211	.114	.104	.130	.102
119	NOSE PROTRUSION	.134	-.007	.037	.098	.206	.102	.163	.059	.052	-.026
120	LIP-LIP DISTANCE	-.132	-.040	-.157	-.157	-.024	-.083	-.107	-.105	-.084	.089
121	PHILTRUM LENGTH	.130	.131	.149	.142	.130	.189	.149	.184	.164	.101
122	EAR BREADTH	.088	.155	.188	.163	.099	.069	.195	.201	.176	-.124
123	EAR LGTH ABOVE TRG	.066	.170	.133	.067	-.091	.019	.146	.175	.190	-.487
124	EAR LENGTH	.243	.289	.303	.275	.236	.272	.349	.323	.354	.000
125	EAR PROTRUSION	.079	.074	.079	.091	.186	.117	.164	.106	.114	.199
126	HEAD LENGTH	.137	.195	.134	.153	.254	.232	.130	.154	.139	.438
127	MAX HEAD DIAG/MENT	.139	.272	.131	.109	.107	.165	.150	.182	.210	.245
128	MAX HEAD DIAG/NUCH	.192	.221	.261	.241	.339	.247	.332	.300	.280	.146
129	WALL-GLABELLA DIST	.117	.178	.141	.100	.137	.129	.133	.151	.146	-.024
130	WALL-NAS RT DP DST	.135	.180	.133	.106	.134	.130	.145	.146	.152	-.043
131	WALL-EX CANT DIST	.132	.148	.164	.135	.160	.161	.147	.103	.135	.019
132	WALL-TRAGION DIST	.059	.032	.093	.081	.001	-.020	.098	.128	.100	-.443
133	WALL-PRONASAL DIST	.162	.233	.195	.113	.103	.125	.171	.198	.228	-.106
134	WALL-SUBNASAL DIST	.151	.222	.216	.128	.115	.161	.208	.201	.221	-.118
135	WALL-STOMION DIST	.141	.206	.198	.109	.110	.150	.177	.187	.208	-.077
136	WALL-MENTON DIST	.191	.220	.248	.166	.129	.154	.234	.254	.269	-.153
137	VERTEX-TRAGION HGT	.099	.219	.121	.057	.098	.173	.180	.104	.132	.032
138	VERTEX-EX CANT HGT	.017	.080	-.003	.011	.090	.048	.075	.005	.004	.097
139	VERTEX-GLABELLA HT	-.039	.001	-.084	-.041	.032	-.017	.007	-.044	-.048	.006
140	VERT-NAS RT DEP HT	-.013	.031	-.058	-.017	.087	.012	.013	-.031	-.033	.125
141	VERT-PRONASAL HGT	-.009	.024	-.057	-.003	.082	.029	.011	-.064	-.035	.125
142	VERTEX-STOMION HGT	.020	.075	-.003	.027	.100	.048	.056	.014	.017	.119
143	VERTEX-MENTON HGT	.082	.105	.048	.055	.158	.153	.075	.009	.050	.285
144	FOOT LENGTH	.152	.351	.200	.110	.152	.225	.283	.394	.452	.178
145	BALL OF FOOT LNGTH	.095	.229	.140	.104	.054	.147	.254	.377	.394	-.044
146	BALL OF FOOT BRDTH	.126	.175	.111	.119	.236	.210	.163	.205	.239	.379
147	MED"L MALLEOLUS HT	.105	.239	.081	.045	.055	.018	.118	.236	.264	.042
148	LAT"L MALLEOLUS HT	.043	.233	.111	.037	.016	.025	.105	.196	.232	.082
149	BI-MALLEOLUS BRDTH	.109	.289	.107	.018	.065	.136	.151	.248	.326	.194
150	ANKLE CIRC	.372	.412	.341	.279	.386	.299	.410	.374	.441	.040

		41	42	43	44	45	46	47	48	49	50
151	HEEL-ANKLE CIRC	.305	.392	.322	.243	.347	.281	.430	.446	.501	.035
152	INSTEP CIRC	.237	.419	.285	.164	.135	.220	.295	.355	.375	-.134
153	BALL OF FOOT GIRTH	.281	.384	.279	.183	.275	.268	.302	.274	.380	.223
154	GRIP	-.030	.139	-.001	-.094	-.134	.047	.022	.184	.211	.022

		51	52	53	54	55	56	57	58	59	60
1	WEIGHT	.363	-.160	.534	.641	.765	.670	.526	.713	.731	.691
2	SUB SCAPULAR	.105	-.336	.337	.333	.360	.400	.286	.454	.356	.352
3	TRICEPS	.072	-.244	.251	.302	.307	.259	.221	.397	.313	.260
4	JUXTA NIPPLE	.042	-.322	.299	.357	.339	.324	.293	.423	.325	.284
5	MAL-XIPHOID	.027	-.335	.286	.346	.333	.336	.289	.454	.367	.334
6	SUPRA-ILIAC	.045	-.321	.273	.362	.320	.268	.205	.369	.327	.267
7	DORSAL HAND	.037	-.057	.112	.118	.165	.095	.100	.146	.132	.158
8	STATURE	.510	.211	.368	.296	.529	.179	.204	.075	.280	.213
9	CERVICALE HEIGHT	.561	.145	.363	.292	.517	.165	.192	.072	.269	.186
10	ACROMIALE HEIGHT	.497	.154	.330	.296	.507	.177	.193	.089	.286	.199
11	SUPRASTERNALE HGT	.475	.093	.423	.298	.515	.174	.205	.089	.293	.213
12	NIPPLE-CHEST HGT	.424	.161	.327	.259	.460	.134	.177	.039	.238	.168
13	WAIST HEIGHT	.363	.177	.125	.235	.355	.088	.154	-.008	.195	.117
14	ILIOCRISTALE HGT	.245	.177	.169	.089	.254	.077	.094	.070	.219	.162
15	TROCHANTERIC HGT	.235	.331	.084	.140	.249	.058	.153	.024	.145	.091
16	BUTTOCK HEIGHT	.290	.140	.207	.193	.330	.118	.190	.021	.215	.142
17	GLUTEAL FURROW HGT	.334	.187	.181	.178	.317	.095	.151	.011	.171	.116
18	CROTCH HEIGHT	.261	.173	.129	.181	.256	.050	.120	-.030	.135	.032
19	RADIALE HEIGHT	.472	.117	.355	.287	.519	.173	.214	.075	.279	.197
20	STYLION HEIGHT	.405	.124	.307	.284	.473	.148	.173	.098	.279	.194
21	DACTYLION HEIGHT	.413	.103	.302	.323	.470	.162	.131	.063	.229	.146
22	PATELLA HEIGHT TOP	.229	.181	.140	.159	.238	.098	.082	.054	.195	.122
23	PATELLA HEIGHT BOT	.247	.105	.194	.058	.252	.094	.079	.061	.205	.201
24	CALF HEIGHT	.202	.149	.104	.129	.205	.086	.062	.006	.181	.136
25	SITTING HEIGHT	.436	.263	.384	.204	.461	.127	.096	.084	.234	.209
26	EYE HEIGHT	.360	.247	.349	.191	.397	.091	.070	.060	.208	.162
27	MID SHOULDER HGT	.383	.151	.316	.201	.405	.129	.062	.110	.225	.177
28	ELBOW REST HEIGHT	.120	.140	.181	.114	.193	.003	-.029	.067	.098	.050
29	THIGH CLEARANCE HT	.095	.022	.202	.145	.270	.218	.149	.310	.318	.335
30	KNEE HEIGHT	.237	.168	.198	.153	.311	.132	.122	.131	.290	.246
31	POPLITEAL HEIGHT	.193	.204	.085	.008	.149	-.014	-.047	-.050	.096	.059
32	FUNCTIONAL REACH	.302	.031	.195	.179	.330	.180	.195	.066	.201	.157
33	ABDOMINAL DEPTH	.096	-.218	.309	.410	.458	.478	.432	.512	.455	.459
34	SHOULDER-ELBOW LTH	.157	.019	.205	.160	.276	.090	.304	.028	.203	.117
35	ELBOW-WRIST LENGTH	.199	.134	.169	.097	.251	.070	.198	.141	.227	.175
36	BUTTOCK-KNEE LNGTH	.344	.090	.288	.325	.484	.271	.313	.243	.366	.316
37	BUT-POPLITEAL LGTH	.215	.083	.182	.224	.318	.175	.232	.182	.245	.171
38	BIACROMIAL BREADTH	.108	.024	.114	.023	.110	.183	-.040	.242	.168	.229
39	BIDELTOID BREADTH	.080	-.056	.295	.330	.416	.499	.413	.575	.505	.526
40	KNEE-KNEE BREADTH	.202	.010	.239	.372	.458	.385	.312	.428	.486	.494
41	ELBOW-ELBOW BRDTH	.075	-.146	.333	.408	.485	.524	.529	.604	.548	.558
42	HIP BREADTH	.324	-.109	.442	.444	.615	.498	.394	.531	.529	.510
43	CHEST DEPTH	.130	-.246	.421	.404	.494	.561	.504	.582	.530	.535
44	WAIST DEPTH	.076	-.241	.428	.445	.498	.530	.473	.563	.474	.467
45	BUTTOCK DEPTH	.085	-.053	.330	.449	.508	.464	.491	.579	.475	.484
46	CHEST BREADTH	.118	-.074	.331	.282	.419	.496	.451	.492	.428	.454
47	WAIST BREADTH	.188	-.095	.375	.425	.540	.584	.520	.597	.540	.565
48	BI-ILIOCRISTALE	.312	-.093	.383	.425	.529	.501	.394	.496	.492	.462
49	BI-TROCHANTERIC BR	.373	-.081	.405	.443	.590	.501	.429	.508	.537	.496
50	POSTERIOR NECK LTH	-.067	.118	.042	-.108	.009	-.016	-.082	.079	.064	.136

		51	52	53	54	55	56	57	58	59	60
51	WAIST BACK	1.000	.134	.339	.142	.509	.220	.108	.129	.197	.195
52	ANTERIOR NECK LGTH	.134	1.000	-.254	-.109	-.010	-.134	-.107	-.158	-.145	-.060
53	WAIST FRONT	.339	-.254	1.000	.300	.571	.344	.296	.325	.359	.337
54	CROTCH LENGTH	.142	-.109	.300	1.000	.766	.453	.432	.469	.474	.418
55	VERTICAL TRUNK CIR	.509	-.010	.571	.766	1.000	.555	.490	.514	.561	.545
56	NECK CIRC MAX	.220	-.134	.344	.453	.555	1.000	.471	.610	.580	.599
57	SCYE CIRC	.108	-.107	.296	.432	.490	.471	1.000	.539	.513	.511
58	BICEPS CIRC EXTND	.129	-.158	.325	.469	.514	.610	.539	1.000	.720	.751
59	ELBOW CIRC EXTEND	.197	-.145	.359	.474	.561	.580	.513	.720	1.000	.760
60	LOWER ARM CIRC EXT	.195	-.060	.337	.418	.545	.599	.511	.751	.768	1.000
61	WRIST CIRC	.261	-.055	.372	.373	.526	.527	.476	.564	.645	.685
62	SL-SPINE-SCYE	-.004	-.073	.116	.167	.149	.153	.110	.155	.167	.129
63	SL-SPINE-ELBOW	.190	-.006	.216	.196	.316	.204	.247	.195	.271	.234
64	SL-SPINE-WRIST	.280	.092	.243	.217	.385	.236	.245	.211	.307	.271
65	BICEPS CIRC FLEXED	.123	-.154	.337	.481	.525	.595	.524	.836	.698	.733
66	ELBOW CIRC FLEXED	.130	.036	.156	.270	.317	.247	.396	.266	.316	.308
67	FOREARM CIRC FLEXD	.152	-.059	.275	.299	.414	.458	.304	.534	.553	.693
68	SLEEVE INSEAM	.135	.067	.096	-.008	.100	-.067	-.024	-.071	.109	.027
69	DELTOID ARC	.089	-.058	.181	.116	.241	.101	.275	.054	.158	.146
70	SHOULDER LENGTH	.052	.065	.043	-.033	.013	.052	-.093	.173	.064	.108
71	SHOULDER CIRC	.221	-.199	.408	.493	.585	.652	.505	.668	.623	.645
72	CHEST CIRC	.140	-.206	.441	.475	.568	.589	.538	.597	.575	.553
73	WAIST CIRC	.192	-.284	.480	.525	.584	.619	.476	.621	.558	.530
74	BUTTOCK CIRC	.341	-.185	.492	.593	.718	.605	.502	.655	.660	.622
75	UPPER THIGH CIRC	.271	-.123	.353	.547	.631	.552	.435	.703	.621	.656
76	LOWER THIGH CIRC	.083	-.167	.310	.410	.470	.412	.332	.564	.559	.546
77	KNEE CIRC	.261	-.113	.386	.494	.607	.513	.450	.602	.658	.645
78	CALF CIRC	.170	-.054	.267	.439	.494	.452	.354	.602	.547	.588
79	VERT TRNK CIRC SIT	.518	.037	.545	.550	.776	.464	.422	.401	.475	.452
80	BUTTOCK CIRC SITNG	.287	-.214	.535	.558	.687	.618	.498	.668	.651	.615
81	THIGH CIRC SITTING	.296	-.020	.320	.519	.621	.514	.390	.633	.568	.634
82	KNEE CIRC SITTING	.265	-.074	.338	.454	.555	.472	.408	.558	.593	.578
83	INTERSCYE	.146	-.111	.160	.322	.307	.374	.272	.309	.286	.279
84	INTERSCYE MAX	.132	-.227	.239	.284	.281	.377	.194	.339	.305	.303
85	HAND CIRC-THUMB	.172	.048	.270	.197	.376	.299	.349	.357	.448	.521
86	HAND CIRC-META	.212	.108	.243	.202	.379	.293	.386	.305	.382	.494
87	HAND LENGTH	.301	.150	.251	.145	.348	.165	.223	.109	.258	.220
88	PALM LENGTH	.123	.116	.179	.058	.212	.080	.172	.101	.205	.165
89	HAND BRDTH AT THMB	.162	.070	.199	.159	.289	.259	.253	.287	.384	.432
90	HAND BRDTH-META	.205	.127	.253	.216	.378	.293	.306	.296	.421	.474
91	HAND THICK-META	.080	.215	.030	.130	.191	.171	.218	.155	.157	.208
92	WRIST BREADTH	.231	-.072	.334	.328	.427	.333	.358	.308	.467	.432
93	ELBOW BREADTH	.201	-.093	.291	.344	.387	.292	.263	.291	.449	.383
94	HEAD CIRC	.168	-.058	.228	.272	.357	.408	.324	.308	.366	.354
95	SAGITTAL ARC	.073	.063	-.005	.183	.100	.082	.149	-.021	.045	-.039
96	BIT-CORONAL ARC	.164	-.096	.155	.079	.153	.255	.045	.190	.162	.189
97	BIT-MIN FRONT ARC	.042	-.210	.200	.116	.176	.227	.225	.171	.267	.232
98	BIT-SUBNASALE ARC	.033	-.217	.204	.152	.219	.229	.195	.164	.306	.256
99	BIT-MENTON ARC	.103	-.214	.275	.224	.317	.311	.191	.228	.359	.311
100	BI SUBMANDIBULAR A	.123	-.244	.303	.291	.341	.340	.220	.249	.375	.305

		51	52	53	54	55	56	57	58	59	60
101	BIT-POSTERIOR ARC	.175	.070	.131	.302	.293	.296	.276	.173	.181	.153
102	MIN FRONTAL ARC	-.039	.115	.091	.002	.102	.043	.115	.057	.040	.101
103	EAR-EAR BREADTH	.107	.045	.093	.047	.148	.237	.167	.240	.223	.258
104	HEAD BREADTH	.094	-.044	.164	.130	.200	.332	.117	.268	.216	.270
105	BIT DIAMETER	.194	-.056	.235	.288	.356	.424	.283	.396	.378	.374
106	MAX FRONTAL DIAM	.016	-.113	.120	.096	.164	.267	.231	.225	.282	.283
107	BIOCULAR DIAMETER	.069	.136	.034	.151	.194	.141	.176	.091	.074	.084
108	INTERPUPILLARY DIS	.182	-.076	.112	.123	.173	.211	.057	.117	.123	.149
109	NASAL ROOT BREADTH	.074	.090	.014	.089	.105	.097	.024	.113	.129	.212
110	INTEROCULAR DIAM	.073	.103	.019	.085	.108	.162	.125	.132	.106	.195
111	BI-ZYGOMATIC DIAM	.023	-.043	.153	.060	.170	.228	.162	.309	.277	.304
112	NASAL BREADTH	.164	-.016	.138	.138	.213	.282	.158	.178	.168	.242
113	LIP LENGTH	.124	.030	.133	.158	.194	.214	.201	.130	.104	.133
114	LIP LENGTH-SMILING	.067	-.038	.128	.175	.185	.163	.184	.142	.141	.139
115	BIGONIAL DIAMETER	.098	-.056	.091	.210	.156	.303	.100	.269	.219	.157
116	MENTON-NASAL ROOT	.078	-.070	.154	.065	.140	.152	.167	.124	.171	.137
117	SUBNASALE-NAS ROOT	.049	-.048	.145	.023	.093	.075	.177	.085	.101	.093
118	MENTON-SUBNASALE L	.113	.081	.111	.056	.160	.139	.094	.093	.095	.119
119	NOSE PROTRUSION	.001	.283	-.094	.016	.051	.035	.177	.086	.029	.075
120	LIP-LIP DISTANCE	.055	.224	-.133	-.026	-.005	-.091	-.007	-.096	-.073	-.035
121	PHILTRUM LENGTH	.091	.027	.149	.050	.111	.162	.020	.149	.082	.109
122	EAR BREADTH	.163	.056	.087	.108	.217	.162	.213	.072	.098	.146
123	EAR LGTH ABOVE TRG	.205	-.067	.128	.181	.201	.169	.121	.012	.060	.045
124	EAR LENGTH	.208	-.082	.267	.176	.309	.304	.267	.256	.250	.252
125	EAR PROTRUSION	.066	.214	.025	-.030	.073	.057	.099	.118	.087	.155
126	HEAD LENGTH	.042	.071	.132	.120	.188	.159	.091	.219	.211	.209
127	MAX HEAD DIAG/MENT	.189	.022	.255	.196	.313	.213	.094	.127	.217	.226
128	MAX HEAD DIAG/NUCH	.199	.049	.167	.187	.240	.339	.234	.286	.247	.291
129	WALL-GLABELLA DIST	.117	.015	.120	.181	.211	.188	.140	.151	.201	.202
130	WALL-NAS RT DF DST	.097	.005	.120	.176	.207	.186	.130	.140	.201	.197
131	WALL-EX CANT DIST	.083	-.011	.114	.124	.166	.189	.138	.181	.211	.232
132	WALL-TRAGION DIST	.118	.070	.026	.188	.143	.123	.132	.050	.059	.031
133	WALL-PRONASAL DIST	.140	-.019	.144	.199	.252	.212	.144	.137	.244	.211
134	WALL-SUBNASAL DIST	.200	.004	.132	.180	.257	.258	.140	.166	.238	.236
135	WALL-STOMION DIST	.184	.029	.105	.190	.255	.251	.140	.164	.232	.224
136	WALL-MENTON DIST	.172	-.012	.143	.239	.288	.299	.198	.223	.266	.241
137	VERTEX-TRAGION HGT	.173	-.030	.171	.178	.203	.144	.111	.053	.100	.142
138	VERTEX-EX CANT HGT	.081	.001	.096	.035	.100	.027	.048	.007	.039	.096
139	VERTEX-GLABELLA HT	.055	.016	.026	.014	.017	-.000	-.004	-.022	-.003	.030
140	VERT-NAS RT DFF HT	.042	.028	.055	.029	.057	.008	.031	.019	.039	.079
141	VERT-PRONASAL HGT	.016	-.004	.065	.008	.024	-.005	.019	.007	.024	.054
142	VERTEX-STOMION HGT	.064	.016	.093	.051	.092	.044	.060	.027	.062	.103
143	VERTEX-MENTON HGT	.021	-.026	.115	.031	.100	.075	.094	.091	.117	.136
144	FOOT LENGTH	.368	.139	.297	.202	.349	.230	.171	.149	.312	.279
145	BALL OF FOOT LNGTH	.351	.105	.225	.224	.325	.246	.139	.141	.240	.213
146	BALL OF FOOT BRDTH	.097	.067	.120	.156	.192	.183	.125	.271	.308	.287
147	MED"L MALLEOLUS HT	.243	-.038	.150	.202	.243	.109	.112	.123	.257	.183
148	LAT"L MALLEOLUS HT	.234	-.027	.178	.128	.227	.108	.059	.072	.208	.156
149	BI-MALLEOLUS BRDTH	.220	.015	.235	.100	.291	.173	.100	.129	.300	.327
150	ANKLE CIRC	.227	.032	.244	.372	.460	.367	.340	.455	.503	.509

		51	52	53	54	55	56	57	58	59	60
151	HEEL-ANKLE CIRC	.322	.099	.259	.356	.480	.368	.360	.357	.475	.475
152	INSTEP CIRC	.307	.080	.256	.279	.439	.265	.237	.203	.290	.355
153	BALL OF FOOT GIRTH	.227	.027	.253	.263	.420	.272	.296	.300	.413	.447
154	GRIP	.218	-.022	.151	.071	.155	.018	.043	-.025	.082	.035

		61	62	63	64	65	66	67	68	69	70
1	WEIGHT	.616	.274	.427	.485	.706	.286	.531	.180	.222	.101
2	SUB SCAPULAR	.278	.035	.050	.025	.401	.097	.317	-.028	.056	.169
3	TRICEPS	.208	.041	.114	.065	.355	.089	.237	.028	.105	.137
4	JUXTA NIPPLE	.215	.087	.048	.040	.376	.080	.274	-.001	.065	.124
5	MAL-XIPHOID	.234	.080	.063	.070	.398	.067	.305	.055	.064	.178
6	SUPRA-ILIAC	.172	.143	.090	.065	.364	.034	.281	.066	.108	.115
7	DORSAL HAND	.168	-.006	.085	.055	.134	.059	.134	.120	.081	.100
8	STATURE	.319	.158	.502	.656	.116	.196	.186	.515	.287	.062
9	CERVICALE HEIGHT	.294	.147	.495	.649	.105	.176	.164	.526	.265	.079
10	ACROMIALE HEIGHT	.286	.144	.445	.622	.120	.190	.176	.515	.252	.048
11	SUPRASTERNALE HGT	.310	.160	.497	.649	.124	.185	.184	.535	.276	.063
12	NIPPLE-CHEST HGT	.266	.134	.460	.621	.081	.193	.156	.521	.281	.045
13	WAIST HEIGHT	.219	.130	.469	.623	.030	.168	.106	.529	.287	.020
14	ILIOCRISTALE HGT	.184	.138	.432	.610	.028	.052	.175	.642	.136	.241
15	TROCHANTERIC HGT	.172	.098	.365	.542	.006	.162	.075	.445	.156	.081
16	BUTTOCK HEIGHT	.218	.110	.443	.594	.068	.194	.090	.545	.294	.006
17	GLUTEAL FURROW HGT	.187	.106	.434	.610	.038	.172	.110	.510	.239	.035
18	CROTCH HEIGHT	.142	.143	.412	.577	.015	.163	.043	.497	.216	-.001
19	RADIALE HEIGHT	.275	.128	.385	.537	.119	.182	.178	.406	.274	-.002
20	STYLION HEIGHT	.250	.149	.323	.452	.111	.164	.205	.406	.215	.080
21	DACTYLION HEIGHT	.170	.133	.227	.327	.106	.131	.150	.236	.149	-.067
22	PATELLA HEIGHT TOP	.180	.152	.362	.509	.033	.074	.106	.507	.061	.175
23	PATELLA HEIGHT BOT	.204	.125	.383	.522	.040	.002	.213	.544	.114	.292
24	CALF HEIGHT	.139	.012	.231	.356	.008	.016	.071	.426	.034	-.010
25	SITTING HEIGHT	.295	.200	.367	.462	.085	.045	.209	.422	.130	.241
26	EYE HEIGHT	.244	.210	.337	.419	.059	.031	.175	.420	.112	.219
27	MID SHOULDER HGT	.223	.155	.226	.358	.071	-.017	.189	.368	.015	.206
28	ELBOW REST HEIGHT	.052	.149	-.046	-.016	.039	-.076	.078	.055	-.081	.129
29	THIGH CLEARANCE HT	.256	.204	.269	.365	.243	-.060	.320	.429	.017	.385
30	KNEE HEIGHT	.265	.196	.447	.592	.109	.027	.216	.610	.150	.270
31	POPLITEAL HEIGHT	.089	.173	.384	.551	-.064	-.070	.128	.616	.087	.290
32	FUNCTIONAL REACH	.285	.102	.404	.505	.098	.161	.133	.366	.239	.074
33	ABDOMINAL DEPTH	.404	.015	.020	.044	.474	.204	.303	-.103	.053	.058
34	SHOULDER-ELBOW LTH	.237	.089	.483	.509	.091	.252	.028	.418	.420	-.141
35	ELBOW-WRIST LENGTH	.270	.085	.413	.573	.125	.174	.098	.499	.210	.153
36	BUTTOCK-KNEE LNGTH	.338	.120	.466	.628	.239	.221	.247	.476	.260	.090
37	BUT-POPLITEAL LGTH	.220	.117	.395	.531	.159	.168	.151	.430	.217	.184
38	BIACROMIAL BREADTH	.176	.195	.214	.281	.101	-.223	.290	.286	-.264	.724
39	BIDELTOID BREADTH	.446	.267	.373	.398	.521	.148	.437	.152	.158	.347
40	KNEE-KNEE BREADTH	.482	.111	.189	.219	.434	.233	.345	-.002	.195	-.026
41	ELBOW-ELBOW BRDTH	.483	.174	.228	.193	.617	.292	.389	-.117	.211	.022
42	HIP BREADTH	.485	.172	.325	.361	.537	.197	.392	.069	.211	.047
43	CHEST DEPTH	.472	.101	.185	.192	.592	.266	.367	-.094	.205	-.023
44	WAIST DEPTH	.423	.054	.074	.089	.534	.238	.321	-.146	.156	.026
45	BUTTOCK DEPTH	.442	.063	.139	.178	.502	.260	.284	-.032	.104	.090
46	CHEST BREADTH	.411	.209	.302	.304	.463	.219	.327	-.042	.255	.129
47	WAIST BREADTH	.494	.080	.201	.249	.576	.290	.368	-.097	.185	.015
48	BI-ILIOCRISTALE	.439	.109	.205	.307	.488	.240	.323	.066	.131	.026
49	BI-TROCHANTERIC BR	.523	.131	.333	.406	.499	.271	.351	.114	.184	.060
50	POSTERIOR NECK LTH	.053	.096	.113	.221	.011	-.128	.234	.375	-.032	.503

		61	62	63	64	65	66	67	68	69	70
51	WAIST BACK	.261	-.004	.190	.280	.123	.130	.152	.135	.089	.052
52	ANTERIOR NECK LGTH	-.055	-.073	-.006	.092	-.154	.036	-.059	.067	-.058	.065
53	WAIST FRONT	.372	.116	.216	.243	.337	.156	.275	.096	.181	.043
54	CROTCH LENGTH	.373	.167	.196	.217	.481	.270	.299	-.008	.116	-.033
55	VERTICAL TRUNK CIR	.526	.149	.316	.385	.525	.317	.414	.100	.241	.013
56	NECK CIRC MAX	.527	.153	.204	.236	.595	.247	.458	-.067	.101	.052
57	SCYE CIRC	.476	.110	.247	.245	.524	.396	.304	-.024	.275	-.093
58	BICEPS CIRC EXTND	.564	.155	.195	.211	.836	.266	.534	-.071	.054	.173
59	ELBOW CIRC EXTEND	.645	.167	.271	.307	.698	.316	.553	.109	.158	.064
60	LOWER ARM CIRC EXT	.685	.129	.234	.271	.733	.308	.693	.027	.146	.108
61	WRIST CIRC	1.000	.088	.276	.324	.553	.364	.449	.072	.181	.075
62	SL-SPINE-SCYE	.088	1.000	.616	.512	.182	-.036	.176	.156	.068	.150
63	SL-SPINE-ELBOW	.276	.616	1.000	.879	.209	.120	.195	.405	.266	.127
64	SL-SPINE-WRIST	.324	.512	.879	1.000	.217	.163	.246	.510	.239	.183
65	BICEPS CIRC FLEXED	.553	.182	.209	.217	1.000	.388	.570	-.095	.156	.043
66	ELBOW CIRC FLEXED	.364	-.036	.120	.163	.388	1.000	.266	-.024	.263	-.221
67	FOREARM CIRC FLEXD	.449	.176	.195	.246	.570	.266	1.000	.073	.120	.176
68	SLEEVE INSEAM	.072	.156	.405	.510	-.095	-.024	.073	1.000	.081	.249
69	DELTOID ARC	.181	.068	.266	.239	.156	.263	.120	.081	1.000	-.377
70	SHOULDER LENGTH	.075	.150	.127	.183	.043	-.221	.176	.249	-.377	1.000
71	SHOULDER CIRC	.534	.231	.345	.337	.685	.249	.514	-.036	.216	.095
72	CHEST CIRC	.484	.217	.298	.281	.643	.298	.401	-.001	.275	-.017
73	WAIST CIRC	.447	.119	.167	.198	.611	.218	.408	-.098	.125	.005
74	BUTTOCK CIRC	.566	.182	.338	.378	.646	.259	.463	.106	.207	.052
75	UPPER THIGH CIRC	.477	.162	.245	.270	.666	.169	.486	-.030	.130	.041
76	LOWER THIGH CIRC	.425	.235	.275	.278	.562	.182	.442	.143	.232	.076
77	KNEE CIRC	.628	.137	.317	.364	.562	.242	.449	.136	.209	.055
78	CALF CIRC	.492	.168	.252	.261	.565	.203	.452	.034	.146	.085
79	VERT TRNK CIRC SIT	.512	.088	.286	.340	.417	.332	.319	.079	.243	-.038
80	BUTTOCK CIRC SITNG	.556	.160	.281	.320	.628	.219	.453	.085	.150	.136
81	THIGH CIRC SITTING	.472	.162	.264	.295	.625	.208	.500	.007	.127	.040
82	KNEE CIRC SITTING	.534	.107	.264	.362	.509	.229	.442	.169	.178	.098
83	INTERSCYE	.291	.226	.197	.189	.355	.230	.217	-.072	.144	-.072
84	INTERSCYE MAX	.252	.436	.279	.260	.350	.053	.312	.039	.062	.199
85	HAND CIRC-THUMB	.591	.107	.310	.363	.408	.287	.409	.272	.286	.125
86	HAND CIRC-META	.551	-.033	.211	.227	.364	.363	.325	.082	.290	-.103
87	HAND LENGTH	.380	.124	.453	.566	.152	.244	.177	.352	.302	.033
88	PALM LENGTH	.277	.180	.414	.474	.104	.167	.148	.377	.288	.162
89	HAND BRDTH AT THMB	.502	.105	.289	.349	.314	.201	.325	.227	.166	.116
90	HAND BRDTH-META	.575	.078	.266	.335	.346	.300	.340	.165	.239	-.004
91	HAND THICK-META	.267	-.002	.081	.115	.172	.235	.075	-.155	.155	-.255
92	WRIST BREADTH	.638	.101	.272	.309	.384	.300	.249	.092	.199	-.096
93	ELBOW BREADTH	.355	.079	.165	.184	.398	.232	.262	-.048	.167	-.242
94	HEAD CIRC	.352	.119	.218	.209	.352	.223	.257	-.003	.154	-.083
95	SAGITTAL ARC	.079	.008	.042	-.012	.058	.227	-.130	-.167	.089	-.454
96	BIT-CORONAL ARC	.165	.102	.155	.147	.171	.010	.185	.023	-.018	.157
97	BIT-MIN FRONT ARC	.189	.128	.257	.170	.185	.046	.178	.125	.147	-.076
98	BIT-SUBNASALE ARC	.186	.173	.233	.203	.208	-.002	.256	.231	.173	.031
99	BIT-MENTON ARC	.219	.213	.254	.259	.267	-.010	.330	.217	.147	.094
100	BI SUBMANDIBULAR A	.223	.214	.215	.221	.276	.017	.292	.160	.099	.011

		61	62	63	64	65	66	67	68	69	70
101	BIT-POSTERIOR ARC	.228	-.011	.027	.025	.256	.334	.013	-.258	.138	-.333
102	MIN FRONTAL ARC	.086	.111	.157	.147	.104	.044	.053	.060	.180	.071
103	EAR-EAR BREADTH	.254	.004	.063	.131	.192	.146	.190	-.005	.079	.110
104	HEAD BREADTH	.181	.084	.044	.064	.250	.058	.262	-.052	-.052	.100
105	BIT DIAMETER	.336	.086	.111	.143	.373	.209	.273	-.022	.015	.058
106	MAX FRONTAL DIAM	.209	-.049	.040	.032	.178	.123	.119	.125	.012	-.100
107	BIOCULAR DIAMETER	.170	.058	.161	.191	.155	.268	.009	.040	.200	-.212
108	INTERPUPILLARY DIS	.140	.048	.107	.155	.137	.002	.120	-.001	.036	.017
109	NASAL ROOT BREADTH	.134	.005	-.015	.043	.107	-.004	.222	.003	-.121	.057
110	INTEROCULAR DIAM	.170	-.052	-.009	.044	.108	.092	.087	-.039	-.018	-.041
111	BI-ZYGOMATIC DIAM	.209	.139	.152	.147	.231	.026	.286	.201	.073	.316
112	NASAL BREADTH	.221	-.031	.031	.068	.180	.142	.149	-.135	.034	-.008
113	LIP LENGTH	.194	.006	.090	.099	.188	.214	.037	-.102	.119	-.114
114	LIP LENGTH-SMILING	.147	.035	.077	.085	.217	.194	.082	-.004	.154	-.100
115	BIGONIAL DIAMETER	.132	.118	.019	.040	.237	.074	.157	-.111	-.113	.044
116	MENTON-NASAL ROOT	.172	.164	.264	.230	.124	.104	.098	.151	.146	.090
117	SUBNASALE-NAS ROOT	.132	.059	.174	.137	.045	.099	.059	.045	.124	.117
118	MENTON-SUBNASALE L	.120	.149	.195	.201	.119	.079	.109	.061	.113	.068
119	NOSE PROTRUSION	.121	-.035	.035	.075	.046	.264	.016	-.037	.137	-.100
120	LIP-LIP DISTANCE	-.046	.005	.068	.103	-.077	.030	-.032	.089	.030	-.051
121	PHILTRUM LENGTH	.117	.090	.033	.078	.116	-.022	.065	-.055	-.091	.228
122	EAR BREADTH	.179	-.172	-.058	.002	.139	.274	.084	-.151	.215	-.250
123	EAR LGTH ABOVE TRG	.125	-.052	.047	.036	.100	.221	.003	-.214	.186	-.411
124	EAR LENGTH	.304	.020	.116	.190	.221	.116	.152	-.011	.073	.090
125	EAR PROTRUSION	.145	-.049	-.053	.038	.063	.031	.145	.026	-.051	.190
126	HEAD LENGTH	.178	.183	.167	.243	.183	.006	.226	.205	-.003	.326
127	MAX HEAD DIAG/MENT	.224	.197	.238	.299	.190	.042	.224	.221	.141	.129
128	MAX HEAD DIAG/NUCH	.308	-.038	.052	.182	.229	.135	.140	.010	-.025	.153
129	WALL-GLABELLA DIST	.211	.073	.124	.153	.169	.060	.094	.063	.031	-.024
130	WALL-NAS RT DP DST	.196	.090	.132	.146	.158	.068	.099	.090	.015	-.035
131	WALL-EX CANT DIST	.189	.049	.078	.123	.148	.018	.154	.102	-.064	.116
132	WALL-TRAGION DIST	.087	-.037	-.032	-.005	.076	.215	-.043	-.174	.039	-.307
133	WALL-PRONASAL DIST	.212	.086	.176	.193	.161	.100	.127	.171	.048	-.045
134	WALL-SUBNASAL DIST	.234	.023	.121	.162	.160	.090	.175	.085	-.014	-.001
135	WALL-STOMION DIST	.203	.069	.139	.191	.166	.094	.181	.140	-.002	.017
136	WALL-MENTON DIST	.228	.060	.138	.189	.219	.156	.200	.119	-.010	-.025
137	VERTEX-TRAGION HGT	.162	-.078	.103	.129	.093	.084	.073	-.060	.153	-.108
138	VERTEX-EX CANT HGT	.105	-.052	.008	.024	.023	-.003	-.015	-.039	.042	-.025
139	VERTEX-GLABELLA HT	.054	-.053	-.020	-.034	-.027	-.032	-.089	-.094	-.042	-.024
140	VERT-NAS RT DEP HT	.084	-.021	.002	.012	.015	-.008	-.018	-.018	.015	-.008
141	VERT-PRONASAL HGT	.060	.027	.030	.020	-.014	-.068	-.029	-.019	-.009	.038
142	VERTEX-STOMION HGT	.113	.010	.043	.041	.030	-.021	.004	-.007	.049	-.009
143	VERTEX-MENTON HGT	.151	.084	.142	.140	.064	-.040	.053	.113	.090	.126
144	FOOT LENGTH	.374	.130	.388	.534	.166	.138	.242	.410	.163	.158
145	BALL OF FOOT LNGTH	.309	.053	.233	.364	.138	.140	.129	.149	.107	.065
146	BALL OF FOOT BRDTH	.339	.212	.221	.338	.203	.049	.313	.298	.017	.351
147	MED"L MALLEOLUS HT	.255	.047	.197	.237	.148	.082	.177	.160	.026	.069
148	LAT"L MALLEOLUS HT	.201	.023	.199	.283	.086	.030	.120	.255	.043	.075
149	BI-MALLEOLUS BRDTH	.366	.184	.286	.361	.140	-.001	.318	.332	.095	.123
150	ANKLE CIRC	.579	.089	.232	.256	.446	.272	.360	.055	.119	.107

		61	62	63	64	65	66	67	68	69	70
151	HEEL-ANKLE CIRC	.556	.092	.321	.412	.347	.284	.315	.212	.149	.087
152	INSTEP CIRC	.389	.013	.191	.219	.297	.233	.280	-.039	.285	-.173
153	BALL OF FOOT GIRTH	.477	.128	.326	.381	.320	.223	.376	.244	.297	.083
154	GRIP	.091	.076	.241	.324	.010	.012	.076	.276	.128	.065

		71	72	73	74	75	76	77	78	79	80
1	WEIGHT	.759	.731	.752	.675	.776	.652	.755	.686	.661	.843
2	SUB SCAPULAR	.458	.452	.568	.491	.386	.352	.338	.272	.267	.503
3	TRICEPS	.356	.370	.435	.436	.359	.347	.314	.263	.232	.415
4	JUXTA NIPPLE	.397	.454	.563	.463	.350	.340	.294	.237	.223	.498
5	MAL-XIPHOID	.414	.450	.549	.475	.386	.383	.330	.274	.212	.512
6	SUPRA-ILIAC	.363	.428	.521	.464	.340	.391	.286	.268	.213	.445
7	DORSAL HAND	.158	.195	.169	.204	.147	.218	.175	.146	.145	.190
8	STATURE	.230	.186	.125	.377	.241	.204	.396	.211	.569	.311
9	CERVICALE HEIGHT	.227	.178	.149	.386	.237	.185	.379	.187	.551	.321
10	ACROMIALE HEIGHT	.226	.186	.160	.371	.238	.179	.377	.183	.541	.316
11	SUPRASTERNALE HGT	.252	.212	.163	.391	.245	.200	.398	.201	.547	.336
12	NIPPLE-CHEST HGT	.196	.156	.093	.317	.190	.167	.341	.161	.497	.260
13	WAIST HEIGHT	.152	.106	.029	.263	.149	.119	.306	.129	.398	.187
14	ILIOCRISTALE HGT	.061	.073	.017	.210	.124	.164	.284	.132	.237	.213
15	TROCHANTERIC HGT	.043	.067	.011	.157	.082	.040	.230	.094	.256	.150
16	BUTTOCK HEIGHT	.153	.170	.094	.275	.150	.136	.315	.124	.369	.238
17	GLUTEAL FURROW HGT	.148	.131	.098	.252	.140	.080	.278	.109	.350	.203
18	CROTCH HEIGHT	.093	.090	.044	.188	.070	.070	.221	.086	.291	.143
19	RADIALE HEIGHT	.218	.181	.151	.355	.243	.174	.373	.165	.560	.299
20	STYLION HEIGHT	.168	.122	.098	.301	.206	.228	.338	.169	.407	.262
21	DACTYLION HEIGHT	.153	.113	.123	.281	.212	.139	.291	.141	.490	.239
22	PATELLA HEIGHT TOP	.081	.085	.042	.201	.108	.126	.282	.122	.246	.178
23	PATELLA HEIGHT BOT	.105	.099	.039	.220	.158	.192	.283	.134	.227	.218
24	CALF HEIGHT	.050	.060	.054	.189	.128	.060	.207	.038	.210	.151
25	SITTING HEIGHT	.099	.075	-.022	.259	.197	.230	.293	.218	.498	.260
26	EYE HEIGHT	.062	.063	-.035	.223	.160	.205	.242	.177	.448	.229
27	MID SHOULDER HGT	.077	.046	.034	.220	.188	.151	.248	.141	.434	.275
28	ELBOW REST HEIGHT	-.077	-.028	-.084	.022	.062	.098	.050	.075	.220	.089
29	THIGH CLEARANCE HT	.160	.207	.137	.336	.360	.429	.348	.346	.123	.368
30	KNEE HEIGHT	.124	.157	.070	.300	.230	.288	.368	.251	.262	.291
31	POPLITEAL HEIGHT	-.028	-.014	-.101	.093	.025	.100	.132	.073	.101	.080
32	FUNCTIONAL REACH	.251	.201	.134	.274	.183	.108	.277	.121	.373	.236
33	ABDOMINAL DEPTH	.483	.532	.694	.541	.432	.340	.437	.324	.338	.625
34	SHOULDER-ELBOW LTH	.151	.267	.114	.257	.089	.189	.274	.121	.314	.200
35	ELBOW-WRIST LENGTH	.122	.179	.027	.228	.129	.199	.284	.157	.245	.193
36	BUTTOCK-KNEE LNGTH	.336	.320	.320	.494	.360	.310	.473	.286	.438	.439
37	BUT-POPLITEAL LGTH	.205	.223	.207	.347	.205	.218	.308	.184	.286	.315
38	BIACROMIAL BREADTH	.234	.061	.071	.138	.187	.141	.154	.162	.038	.237
39	BIDELTOID BREADTH	.651	.556	.437	.505	.478	.421	.456	.453	.335	.545
40	KNEE-KNEE BREADTH	.429	.379	.345	.517	.528	.533	.635	.518	.425	.487
41	ELBOW-ELBOW BRDTH	.508	.646	.608	.607	.528	.458	.504	.469	.399	.615
42	HIP BREADTH	.580	.598	.611	.778	.641	.525	.600	.507	.554	.751
43	CHEST DEPTH	.612	.734	.685	.622	.514	.424	.507	.423	.421	.642
44	WAIST DEPTH	.522	.630	.775	.603	.466	.403	.468	.379	.380	.679
45	BUTTOCK DEPTH	.432	.526	.523	.569	.517	.442	.491	.458	.376	.627
46	CHEST BREADTH	.602	.646	.507	.502	.437	.384	.414	.393	.355	.521
47	WAIST BREADTH	.650	.676	.784	.696	.574	.404	.547	.459	.472	.701
48	BI-ILIOCRISTALE	.593	.583	.685	.727	.525	.393	.551	.408	.508	.697
49	BI-TROCHANTERIC BR	.593	.573	.623	.801	.600	.460	.637	.458	.569	.734
50	POSTERIOR NECK LTH	-.055	-.056	-.106	.007	.035	.253	.072	.107	-.090	.051

		71	72	73	74	75	76	77	78	79	80
51	WAIST BACK	.221	.140	.192	.341	.271	.083	.261	.170	.518	.287
52	ANTERIOR NECK LGTH	-.199	-.206	-.284	-.185	-.123	-.167	-.113	-.054	.037	-.214
53	WAIST FRONT	.408	.441	.480	.492	.393	.310	.386	.267	.545	.535
54	CROTCH LENGTH	.493	.475	.525	.593	.547	.410	.494	.439	.550	.558
55	VERTICAL TRUNK CIR	.585	.568	.584	.718	.631	.470	.607	.494	.776	.687
56	NECK CIRC MAX	.652	.589	.619	.605	.552	.412	.513	.452	.464	.618
57	SCYE CIRC	.505	.538	.476	.502	.435	.332	.450	.354	.422	.498
58	BICEPS CIRC EXTND	.668	.597	.621	.655	.703	.564	.602	.602	.401	.668
59	ELBOW CIRC EXTEND	.623	.575	.558	.660	.621	.559	.658	.547	.475	.651
60	LOWER ARM CIRC EXT	.645	.553	.530	.622	.656	.546	.645	.588	.492	.615
61	WRIST CIRC	.534	.484	.447	.566	.477	.425	.628	.492	.512	.556
62	SL-SPINE-SCYE	.231	.217	.119	.182	.162	.235	.137	.188	.088	.160
63	SL-SPINE-ELBOW	.345	.298	.167	.338	.245	.275	.317	.252	.286	.281
64	SL-SPINE-WRIST	.337	.281	.198	.378	.270	.278	.364	.261	.340	.320
65	BICEPS CIRC FLEXED	.685	.643	.611	.646	.666	.562	.562	.565	.417	.628
66	ELBOW CIRC FLEXED	.249	.298	.215	.259	.189	.182	.242	.203	.332	.219
67	FOREARM CIRC FLEXD	.514	.401	.408	.463	.486	.442	.449	.452	.319	.453
68	SLEEVE INSEAM	-.036	-.001	-.098	.106	-.030	.143	.136	.034	.079	.085
69	DELTOID ARC	.216	.275	.125	.207	.130	.232	.209	.146	.243	.150
70	SHOULDER LENGTH	.095	-.017	.005	.052	.041	.076	.055	.085	-.038	.136
71	SHOULDER CIRC	1.000	.731	.701	.707	.663	.474	.589	.528	.522	.676
72	CHEST CIRC	.731	1.000	.721	.693	.567	.495	.543	.470	.468	.688
73	WAIST CIRC	.701	.721	1.000	.777	.615	.453	.546	.448	.474	.791
74	BUTTOCK CIRC	.707	.693	.777	1.000	.760	.620	.730	.609	.612	.873
75	UPPER THIGH CIRC	.663	.567	.615	.760	1.000	.645	.677	.660	.494	.718
76	LOWER THIGH CIRC	.474	.495	.453	.620	.645	1.000	.673	.651	.334	.565
77	KNEE CIRC	.589	.543	.546	.730	.677	.673	1.000	.629	.546	.696
78	CALF CIRC	.528	.470	.448	.609	.660	.651	.629	1.000	.394	.563
79	VERT TRNK CIRC SIT	.522	.468	.474	.612	.494	.334	.546	.394	1.000	.589
80	BUTTOCK CIRC SITNG	.676	.688	.791	.873	.718	.565	.696	.563	.589	1.000
81	THIGH CIRC SITTING	.601	.539	.553	.704	.839	.597	.652	.638	.493	.657
82	KNEE CIRC SITTING	.525	.469	.509	.646	.615	.567	.728	.580	.498	.638
83	INTERSCYE	.493	.392	.373	.346	.284	.258	.256	.264	.253	.300
84	INTERSCYE MAX	.502	.370	.358	.384	.345	.263	.285	.280	.279	.379
85	HAND CIRC-THUMB	.331	.370	.193	.381	.291	.415	.464	.385	.342	.344
86	HAND CIRC-META	.327	.353	.198	.327	.287	.232	.418	.298	.416	.298
87	HAND LENGTH	.233	.248	.127	.304	.153	.179	.301	.210	.390	.236
88	PALM LENGTH	.115	.191	.053	.204	.069	.249	.229	.205	.210	.168
89	HAND BRDTH AT THMB	.253	.264	.139	.293	.249	.252	.393	.311	.301	.274
90	HAND BRDTH-META	.298	.323	.185	.344	.250	.282	.424	.338	.397	.303
91	HAND THICK-META	.112	.156	.084	.120	.195	.023	.170	.152	.195	.110
92	WRIST BREADTH	.388	.409	.333	.449	.283	.293	.470	.325	.445	.394
93	ELBOW BREADTH	.396	.349	.289	.424	.347	.263	.361	.284	.387	.340
94	HEAD CIRC	.367	.338	.294	.364	.335	.269	.371	.311	.334	.329
95	SAGITTAL ARC	.083	.059	.070	.071	.033	-.093	.061	.051	.208	-.010
96	BIT-CORONAL ARC	.196	.059	.118	.170	.237	.161	.170	.190	.155	.186
97	BIT-MIN FRONT ARC	.275	.244	.182	.245	.213	.203	.231	.179	.176	.238
98	BIT-SUBNASALE ARC	.245	.232	.209	.283	.213	.314	.270	.206	.168	.259
99	BIT-MENTON ARC	.351	.271	.317	.378	.289	.359	.337	.254	.244	.364
100	BI SUBMANDIBULAR A	.353	.301	.405	.416	.305	.303	.341	.238	.277	.406

		71	72	73	74	75	76	77	78	79	80
101	BIT-POSTERIOR ARC	.294	.278	.292	.247	.184	.004	.205	.118	.342	.183
102	MIN FRONTAL ARC	-.002	.134	-.012	.061	.064	.157	.078	.092	.028	.083
103	EAR-EAR BREADTH	.191	.126	.161	.174	.164	.145	.200	.166	.176	.207
104	HEAD BREADTH	.253	.175	.249	.234	.235	.192	.198	.187	.149	.250
105	BIT DIAMETER	.388	.313	.382	.390	.352	.277	.367	.260	.336	.383
106	MAX FRONTAL DIAM	.171	.154	.175	.214	.214	.163	.210	.131	.142	.222
107	BIOCULAR DIAMETER	.053	.163	.047	.124	.087	.177	.118	.149	.151	.062
108	INTERPUPILLARY DIS	.175	.132	.140	.174	.143	.071	.164	.088	.157	.155
109	NASAL ROOT BREADTH	.095	.030	.083	.097	.163	.075	.115	.120	.075	.098
110	INTEROCULAR DIAM	.112	.062	.046	.092	.154	.027	.142	.130	.133	.089
111	BI-ZYGOMATIC DIAM	.194	.177	.144	.227	.209	.342	.249	.239	.118	.258
112	NASAL BREADTH	.258	.128	.199	.189	.216	.053	.197	.146	.231	.178
113	LIP LENGTH	.177	.192	.156	.173	.094	.013	.130	.085	.217	.122
114	LIP LENGTH-SMILING	.199	.197	.151	.186	.114	.131	.144	.131	.187	.134
115	BIGONIAL DIAMETER	.256	.146	.272	.219	.237	.082	.182	.177	.165	.230
116	MENTON-NASAL ROOT	.184	.213	.092	.163	.104	.188	.197	.178	.150	.162
117	SUBNASALE-NAS ROOT	.091	.141	.069	.100	.034	.070	.108	.053	.112	.106
118	MENTON-SUBNASALE L	.145	.158	.075	.148	.128	.182	.132	.152	.128	.134
119	NOSE PROTRUSION	-.019	.049	-.031	-.008	.011	-.025	.033	.062	.080	.003
120	LIP-LIP DISTANCE	-.099	-.125	-.188	-.090	-.008	-.028	-.053	.039	-.024	-.125
121	PHILTRUM LENGTH	.120	.119	.148	.126	.096	.111	.096	.103	.107	.168
122	EAR BREADTH	.189	.153	.166	.151	.111	.031	.143	.047	.250	.099
123	EAR LGTH ABOVE TRG	.220	.163	.220	.170	.106	-.089	.061	.004	.262	.097
124	EAR LENGTH	.305	.260	.332	.322	.241	.124	.293	.157	.301	.382
125	EAR PROTRUSION	.016	.044	.031	.063	.073	.077	.102	.093	.060	.108
126	HEAD LENGTH	.134	.143	.098	.193	.141	.304	.213	.232	.107	.192
127	MAX HEAD DIAG/MENT	.228	.200	.184	.284	.208	.321	.270	.245	.251	.243
128	MAX HEAD DIAG/NUCH	.258	.208	.244	.271	.255	.184	.275	.209	.239	.287
129	WALL-GLABELLA DIST	.149	.150	.111	.185	.155	.145	.208	.191	.189	.161
130	WALL-NAS RT DP DST	.154	.164	.121	.188	.153	.141	.211	.188	.192	.169
131	WALL-EX CANT DIST	.160	.126	.113	.146	.144	.083	.188	.142	.146	.188
132	WALL-TRAGION DIST	.113	.095	.113	.075	.062	-.088	.062	.039	.211	.042
133	WALL-PRONASAL DIST	.192	.240	.182	.258	.170	.162	.258	.184	.221	.236
134	WALL-SUBNASAL DIST	.238	.204	.199	.247	.211	.097	.252	.171	.244	.240
135	WALL-STOMION DIST	.220	.200	.181	.250	.205	.140	.240	.183	.226	.236
136	WALL-MENTON DIST	.271	.257	.266	.290	.218	.128	.255	.170	.269	.281
137	VERTEX-TRAGION HGT	.177	.111	.078	.145	.166	.077	.164	.108	.218	.125
138	VERTEX-EX CANT HGT	.039	-.016	-.020	.039	.086	.034	.094	.086	.103	.034
139	VERTEX-GLABELLA HT	-.007	-.098	-.058	-.020	.046	-.064	.036	.045	.051	-.021
140	VERT-NAS RT DEP HT	-.003	-.066	-.071	.003	.062	.032	.078	.081	.065	.005
141	VERT-PRONASAL HGT	-.025	-.071	-.056	.001	.043	.025	.061	.071	.025	.001
142	VERTEX-STOMION HGT	.034	-.011	-.016	.051	.078	.071	.119	.117	.094	.045
143	VERTEX-MENTON HGT	.058	.034	-.025	.084	.098	.187	.172	.171	.081	.086
144	FOOT LENGTH	.272	.237	.223	.394	.259	.224	.379	.267	.404	.353
145	BALL OF FOOT LNGTH	.281	.162	.236	.304	.250	.080	.322	.216	.408	.290
146	BALL OF FOOT BRDTH	.169	.099	.088	.227	.215	.284	.321	.345	.164	.256
147	MED"L MALLEOLUS HT	.213	.116	.137	.270	.157	.173	.286	.191	.253	.201
148	LAT"L MALLEOLUS HT	.151	.095	.110	.232	.144	.107	.261	.109	.239	.181
149	BI-MALLEOLUS BDTH	.205	.132	.133	.297	.224	.294	.376	.296	.271	.251
150	ANKLE CIRC	.428	.371	.345	.506	.506	.499	.606	.657	.428	.473

		71	72	73	74	75	76	77	78	79	80
151	HEEL-ANKLE CIRC	.401	.352	.321	.491	.414	.318	.562	.469	.481	.447
152	INSTEP CIRC	.337	.336	.289	.400	.343	.287	.431	.347	.421	.331
153	BALL OF FOOT GIRTH	.319	.306	.201	.409	.369	.410	.497	.464	.377	.371
154	GRIP	.152	.053	.034	.160	.095	.026	.126	.071	.226	.115

		81	82	83	84	85	86	87	88	89	90
1	WEIGHT	.749	.713	.406	.469	.436	.357	.393	.284	.380	.411
2	SUB SCAPULAR	.344	.314	.244	.250	.156	.092	-.038	.061	.038	.042
3	TRICEPS	.340	.279	.208	.189	.175	.086	.026	.132	.041	.054
4	JUXTA NIPPLE	.312	.284	.258	.236	.130	.035	-.046	.059	.034	.024
5	MAL-XIPHOID	.329	.309	.246	.232	.162	.036	-.042	.078	.046	.026
6	SUPRA-ILIAC	.312	.255	.262	.236	.127	-.008	-.042	.089	.010	.005
7	DORSAL HAND	.169	.124	.085	.019	.218	.154	.087	.157	.080	.114
8	STATURE	.291	.442	.095	.193	.368	.306	.646	.466	.375	.402
9	CERVICALE HEIGHT	.283	.432	.101	.193	.341	.277	.620	.436	.350	.375
10	ACROMIALE HEIGHT	.278	.456	.101	.189	.311	.254	.596	.401	.339	.365
11	SUPRASTERNALE HGT	.285	.452	.092	.198	.348	.284	.619	.442	.362	.383
12	NIPPLE-CHEST HGT	.243	.408	.074	.147	.323	.262	.610	.432	.338	.360
13	WAIST HEIGHT	.206	.382	.067	.145	.286	.244	.598	.429	.321	.327
14	ILIOCRISTALE HGT	.173	.379	-.061	.009	.329	.172	.515	.455	.346	.292
15	TROCHANTERIC HGT	.154	.321	-.017	.011	.221	.187	.508	.371	.269	.273
16	BUTTOCK HEIGHT	.196	.399	.046	.130	.280	.246	.565	.404	.324	.322
17	GLUTEAL FURROW HGT	.200	.385	.040	.116	.245	.217	.581	.402	.291	.285
18	CRUTCH HEIGHT	.139	.336	.085	.122	.189	.131	.542	.384	.233	.233
19	RADIALE HEIGHT	.276	.434	.086	.178	.297	.267	.556	.362	.317	.356
20	STYLION HEIGHT	.253	.403	.108	.149	.306	.207	.457	.363	.267	.304
21	DACTYLION HEIGHT	.245	.357	.101	.137	.127	.124	.288	.143	.160	.192
22	PATELLA HEIGHT TOP	.149	.331	-.010	.102	.261	.136	.460	.370	.320	.292
23	PATELLA HEIGHT BOT	.198	.347	-.063	.102	.364	.203	.476	.430	.345	.312
24	CALF HEIGHT	.143	.233	-.037	-.003	.189	.144	.342	.198	.236	.244
25	SITTING HEIGHT	.221	.298	-.038	.145	.364	.214	.445	.407	.343	.352
26	EYE HEIGHT	.186	.264	-.050	.141	.306	.158	.408	.381	.298	.310
27	MID SHOULDER HGT	.192	.308	-.063	.134	.216	.093	.315	.231	.250	.252
28	ELBOW REST HEIGHT	.051	.080	-.131	-.001	.042	-.048	.011	.058	.072	.070
29	THIGH CLEARANCE HT	.366	.387	-.037	.143	.377	.131	.236	.295	.312	.251
30	KNEE HEIGHT	.276	.405	-.027	.124	.394	.201	.510	.456	.385	.355
31	POPLITEAL HEIGHT	.070	.193	-.088	.036	.279	.078	.443	.412	.259	.223
32	FUNCTIONAL REACH	.224	.324	.173	.243	.280	.270	.504	.341	.295	.300
33	ABDOMINAL DEPTH	.375	.376	.277	.219	.182	.212	.021	.005	.128	.185
34	SHOULDER-ELBOW LTH	.100	.245	.095	.074	.344	.302	.514	.441	.285	.345
35	ELBOW-WRIST LENGTH	.166	.286	.015	.047	.398	.260	.548	.505	.341	.320
36	BUTTOCK-KNEE LNGTH	.399	.521	.170	.188	.363	.291	.547	.405	.322	.350
37	BUT-POPLITEAL LGTH	.232	.348	.133	.150	.275	.174	.434	.401	.224	.222
38	BIACROMIAL BREADTH	.185	.208	.011	.329	.165	-.059	.071	.142	.164	.056
39	BIDELTOID BREADTH	.449	.442	.290	.419	.374	.230	.263	.268	.320	.287
40	KNEE-KNEE BREADTH	.528	.579	.250	.268	.338	.312	.247	.179	.307	.333
41	ELBOW-ELBOW BRDTH	.497	.409	.332	.322	.324	.321	.175	.169	.269	.283
42	HIP BREADTH	.614	.527	.259	.289	.355	.290	.319	.220	.257	.311
43	CHEST DEPTH	.470	.452	.304	.278	.315	.312	.173	.129	.251	.280
44	WAIST DEPTH	.416	.424	.278	.232	.213	.212	.079	.076	.140	.196
45	BUTTOCK DEPTH	.490	.454	.217	.147	.318	.278	.143	.164	.247	.265
46	CHEST BREADTH	.420	.376	.266	.348	.320	.260	.271	.251	.296	.276
47	WAIST BREADTH	.541	.509	.327	.282	.294	.330	.236	.148	.277	.307
48	BI-ILIOCRISTALE	.478	.533	.321	.301	.277	.254	.283	.126	.251	.284
49	BI-TROCHANTERIC BR	.553	.564	.291	.330	.356	.317	.359	.230	.318	.360
50	POSTERIOR NECK LTH	.050	.129	-.089	.043	.299	-.010	.094	.274	.140	.078

		81	82	83	84	85	86	87	88	89	90
51	WAIST BACK	.296	.265	.146	.132	.172	.212	.301	.123	.162	.205
52	ANTERIOR NECK LGTH	-.020	-.074	-.111	-.227	.048	.108	.150	.116	.070	.127
53	WAIST FRONT	.320	.336	.160	.239	.270	.243	.251	.179	.199	.253
54	CROTCH LENGTH	.519	.454	.322	.284	.197	.202	.145	.058	.159	.216
55	VERTICAL TRUNK CIR	.621	.555	.307	.281	.376	.379	.348	.212	.289	.378
56	NECK CIRC MAX	.514	.472	.374	.377	.299	.293	.165	.080	.259	.293
57	SCYE CIRC	.390	.408	.272	.194	.349	.386	.223	.172	.253	.306
58	BICEPS CIRC EXTND	.633	.558	.309	.339	.357	.305	.109	.101	.287	.296
59	ELBOW CIRC EXTEND	.568	.593	.266	.305	.448	.382	.258	.205	.384	.421
60	LOWER ARM CIRC EXT	.634	.578	.279	.303	.521	.494	.220	.165	.432	.474
61	WRIST CIRC	.472	.534	.291	.252	.591	.551	.380	.277	.502	.575
62	SL-SPINE-SCYE	.162	.107	.226	.436	.107	-.033	.124	.180	.105	.078
63	SL-SPINE-ELBOW	.264	.264	.197	.279	.310	.211	.453	.414	.289	.266
64	SL-SPINE-WRIST	.295	.362	.189	.260	.363	.227	.566	.474	.349	.335
65	BICEPS CIRC FLEXED	.625	.509	.355	.350	.408	.364	.152	.104	.314	.346
66	ELBOW CIRC FLEXED	.208	.229	.230	.053	.287	.363	.244	.167	.201	.300
67	FOREARM CIRC FLEXD	.500	.442	.217	.312	.409	.325	.177	.148	.325	.340
68	SLEEVE INSEAM	.007	.169	-.072	.039	.272	.082	.352	.377	.227	.165
69	DELTOID ARC	.127	.178	.144	.062	.286	.290	.302	.288	.166	.239
70	SHOULDER LENGTH	.040	.098	-.072	.199	.125	-.103	.033	.162	.116	-.004
71	SHOULDER CIRC	.601	.525	.453	.502	.371	.327	.239	.118	.285	.298
72	CHEST CIRC	.539	.468	.392	.370	.370	.353	.248	.191	.264	.303
73	WAIST CIRC	.553	.509	.373	.358	.190	.198	.127	.039	.139	.185
74	BUTTOCK CIRC	.704	.646	.346	.384	.381	.327	.304	.204	.293	.344
75	UPPER THIGH CIRC	.839	.616	.284	.345	.291	.287	.153	.069	.249	.260
76	LOWER THIGH CIRC	.597	.567	.258	.263	.415	.232	.179	.249	.252	.282
77	KNEE CIRC	.652	.728	.256	.288	.464	.418	.301	.229	.393	.424
78	CALF CIRC	.658	.580	.264	.280	.385	.298	.210	.205	.311	.338
79	VERT TRNK CIRC SIT	.493	.498	.253	.279	.342	.416	.390	.210	.301	.397
80	BUTTOCK CIRC SITNG	.657	.638	.300	.379	.344	.298	.236	.168	.274	.303
81	THIGH CIRC SITTING	1.000	.606	.303	.301	.331	.346	.211	.125	.260	.320
82	KNEE CIRC SITTING	.606	1.000	.218	.285	.335	.328	.308	.213	.354	.365
83	INTERSCYE	.303	.218	1.000	.528	.150	.142	.126	.040	.083	.144
84	INTERSCYE MAX	.301	.285	.528	1.000	.117	.035	.135	.078	.160	.113
85	HAND CIRC-THUMB	.331	.385	.150	.117	1.000	.697	.453	.436	.658	.698
86	HAND CIRC-META	.346	.328	.142	.035	.697	1.000	.369	.239	.522	.701
87	HAND LENGTH	.211	.308	.126	.135	.453	.369	1.000	.761	.461	.492
88	PALM LENGTH	.125	.213	.040	.078	.436	.239	.761	1.000	.379	.346
89	HAND BRDTH AT THMB	.260	.354	.083	.160	.658	.522	.461	.379	1.000	.684
90	HAND BRDTH-META	.320	.365	.144	.113	.698	.701	.492	.346	.684	1.000
91	HAND THICK-META	.234	.155	.130	-.009	.166	.291	.147	.009	.187	.295
92	WRIST BREADTH	.278	.372	.205	.173	.467	.450	.385	.245	.466	.513
93	ELBOW BREADTH	.325	.298	.229	.203	.204	.261	.239	.069	.230	.293
94	HEAD CIRC	.325	.314	.169	.178	.258	.276	.237	.164	.266	.288
95	SAGITTAL ARC	.035	.018	.134	-.001	-.112	.100	.083	-.075	.008	.068
96	BIT-CORONAL ARC	.222	.189	.100	.243	.135	.033	.102	.070	.176	.102
97	BIT-MIN FRONT ARC	.212	.161	.087	.157	.169	.206	.139	.118	.207	.164
98	BIT-SUBNASALE ARC	.200	.210	.072	.169	.241	.149	.159	.179	.196	.166
99	BIT-MENTON ARC	.256	.290	.147	.283	.219	.117	.186	.144	.192	.176
100	BI SUBMANDIBULAR A	.263	.309	.169	.280	.135	.088	.141	.065	.137	.136

		81	82	83	84	85	86	87	88	89	90
101	BIT-POSTERIOR ARC	.185	.166	.261	.105	.015	.220	.116	-.053	.017	.139
102	MIN FRONTAL ARC	.112	.064	.001	-.014	.261	.157	.163	.207	.164	.180
103	EAR-EAR BREADTH	.154	.187	.059	.130	.217	.199	.152	.142	.211	.222
104	HEAD BREADTH	.212	.178	.105	.159	.137	.096	.031	.001	.138	.151
105	BIT DIAMETER	.325	.340	.222	.218	.199	.206	.131	.055	.181	.229
106	MAX FRONTAL DIAM	.136	.146	-.020	-.024	.158	.199	-.007	-.029	.166	.161
107	BIOCULAR DIAMETER	.168	.090	.204	-.063	.201	.191	.252	.237	.111	.186
108	INTERPUPILLARY DIS	.170	.163	.131	.151	.111	.080	.140	.027	.114	.142
109	NASAL ROOT BREADTH	.181	.116	.012	-.010	.100	.130	.004	-.056	.083	.144
110	INTEROCULAR DIAM	.158	.139	.038	-.005	.100	.180	.047	-.069	.100	.178
111	BI-ZYGOMATIC DIAM	.226	.221	.017	.171	.344	.167	.147	.265	.200	.200
112	NASAL BREADTH	.187	.166	.133	.118	.118	.189	.100	-.019	.125	.168
113	LIP LENGTH	.125	.081	.178	.037	.126	.234	.173	.089	.153	.183
114	LIP LENGTH-SMILING	.122	.189	.205	.090	.197	.203	.122	.076	.139	.168
115	BIGONIAL DIAMETER	.173	.198	.133	.240	-.064	-.042	-.004	-.081	.022	-.002
116	MENTON-NASAL ROOT	.118	.155	.102	.198	.221	.157	.259	.301	.190	.173
117	SUBNASALE-NAS ROOT	.055	.062	.025	.046	.159	.188	.160	.235	.133	.145
118	MENTON-SUBNASALE L.	.151	.140	.063	.142	.173	.097	.207	.203	.148	.131
119	NOSE PROTRUSION	.086	.059	.049	-.147	.114	.203	.149	.149	.088	.152
120	LIP-LIP DISTANCE	.058	-.035	-.025	-.113	.081	.064	.096	.082	.015	.025
121	PHILTRUM LENGTH	.083	.152	.038	.146	.043	-.035	.062	.056	.092	.050
122	EAR BREADTH	.145	.121	.166	-.122	.176	.269	.134	-.003	.053	.188
123	EAR LGTH ABOVE TRG	.146	.054	.219	.013	-.072	.165	.132	-.077	.005	.091
124	EAR LENGTH	.225	.255	.143	.167	.163	.194	.222	.125	.172	.229
125	EAR PROTRUSION	.085	.103	-.106	-.107	.194	.175	.066	.097	.123	.152
126	HEAD LENGTH	.151	.216	.025	.100	.292	.027	.228	.330	.188	.151
127	MAX HEAD DIAG/MENT	.223	.245	.127	.210	.297	.150	.311	.306	.217	.235
128	MAX HEAD DIAG/NUCH	.108	.269	.134	.074	.223	.156	.131	.072	.163	.176
129	WALL-GLABELLA DIST	.159	.180	.049	.063	.161	.136	.179	.124	.162	.182
130	WALL-NAS RT CF DST	.157	.173	.032	.074	.146	.135	.181	.121	.165	.176
131	WALL-EX CANT DIST	.135	.190	-.004	.093	.141	.107	.105	.069	.160	.140
132	WALL-TRAGION DIST	.068	.078	.13[illegible]	.008	-.109	.063	.047	-.104	-.050	.036
133	WALL-PRONASAL DIST	.181	.208	.074	.085	.176	.149	.202	.138	.181	.207
134	WALL-SUBNASAL DIST	.210	.221	.064	.098	.139	.144	.176	.072	.187	.190
135	WALL-STOMION DIST	.211	.212	.070	.099	.155	.119	.176	.102	.176	.175
136	WALL-MENTON DIST	.207	.226	.130	.102	.133	.128	.144	.046	.164	.177
137	VERTEX-TRAGION HGT	.164	.158	.091	.032	.170	.230	.196	.065	.155	.179
138	VERTEX-EX CANT HGT	.074	.085	-.000	-.016	.122	.147	.086	.045	.118	.118
139	VERTEX-GLABELLA HT	.040	.028	-.011	.013	.004	.069	.009	-.034	.048	.039
140	VERT-NAS RT CFP HT	.065	.079	-.010	.020	.095	.104	.049	.042	.090	.083
141	VERT-PRONASAL HGT	.040	.041	-.032	.032	.063	.061	.041	.059	.080	.062
142	VERTEX-STOMION HGT	.080	.101	.016	.039	.127	.129	.053	.084	.113	.121
143	VERTEX-MENTON HGT	.082	.149	-.008	.089	.227	.128	.161	.215	.192	.165
144	FOOT LENGTH	.283	.421	.095	.196	.404	.278	.653	.479	.405	.412
145	BALL OF FOOT LNGTH	.230	.385	.137	.251	.179	.183	.454	.241	.274	.267
146	BALL OF FOOT BRDTH	.222	.387	.044	.199	.415	.190	.302	.325	.404	.377
147	MED'L MALLEOLUS HT	.164	.250	.127	.101	.223	.168	.221	.139	.184	.219
148	LAT'L MALLEOLUS HT	.135	.271	-.006	.081	.178	.143	.263	.162	.213	.209
149	BI-MALLEOLUS BRDTH	.247	.353	.053	.177	.398	.253	.327	.237	.402	.388
150	ANKLE CIRC	.509	.543	.178	.155	.437	.390	.292	.242	.373	.411

		81	82	83	84	85	86	87	88	89	90
151	HEEL-ANKLE CIRC	.430	.530	.178	.148	.500	.465	.483	.354	.461	.507
152	INSTEP CIRC	.392	.384	.191	.102	.363	.441	.349	.160	.285	.403
153	BALL OF FOOT GIRTH	.399	.448	.120	.141	.623	.519	.436	.378	.490	.573
54	GRIP	.061	.203	.014	.201	.152	.098	.501	.304	.230	.177

		91	92	93	94	95	96	97	98	99	100
1	WEIGHT	.146	.495	.448	.424	.099	.227	.281	.326	.423	.451
2	SUB SCAPULAR	-.102	.092	.094	.116	-.131	.169	.161	.188	.208	.206
3	TRICEPS	-.101	.042	.081	.144	-.088	.174	.157	.173	.183	.147
4	JUXTA NIPPLE	-.077	.071	.066	.072	-.150	.101	.124	.161	.189	.208
5	MAL-XIPHOID	-.108	.052	.048	.069	-.205	.117	.123	.203	.218	.225
6	SUPRA-ILIAC	-.116	.078	.137	.098	-.108	.039	.151	.229	.242	.249
7	DORSAL HAND	-.090	.042	.022	.075	-.109	.054	.091	.136	.126	.059
8	STATURE	.104	.383	.293	.254	.145	.152	.144	.206	.261	.249
9	CERVICALE HEIGHT	.059	.364	.279	.220	.104	.140	.145	.210	.257	.250
10	ACROMIALE HEIGHT	.098	.348	.281	.206	.115	.106	.098	.170	.235	.244
11	SUPRASTERNALE HGT	.078	.370	.297	.231	.113	.131	.150	.219	.265	.260
12	NIPPLE-CHEST HGT	.102	.327	.263	.209	.117	.088	.104	.184	.227	.211
13	WAIST HEIGHT	.105	.300	.223	.189	.146	.076	.117	.168	.190	.176
14	ILIOCRISTALE HGT	.036	.153	.010	.097	-.145	.110	.099	.182	.188	.142
15	TROCHANTERIC HGT	.226	.203	.101	.131	.113	-.028	-.004	.046	.076	.108
16	BUTTOCK HEIGHT	.092	.295	.217	.193	.121	.044	.117	.174	.194	.186
17	GLUTEAL FURROW HGT	.101	.258	.207	.164	.119	.044	.064	.127	.162	.164
18	CROTCH HEIGHT	.103	.035	.200	.134	.161	-.004	.022	.089	.126	.149
19	RADIALE HEIGHT	.073	.343	.291	.235	.123	.126	.154	.224	.264	.262
20	STYLION HEIGHT	.036	.219	.198	.153	.011	.126	.079	.172	.202	.190
21	DACTYLION HEIGHT	.100	.238	.254	.165	.184	.050	.063	.123	.168	.217
22	PATELLA HEIGHT TOP	.086	.230	.094	.120	.053	.086	.062	.108	.137	.139
23	PATELLA HEIGHT BOT	-.020	.172	.013	.110	-.193	.180	.146	.233	.239	.160
24	CALF HEIGHT	.086	.221	.178	.126	.090	.056	.131	.145	.149	.147
25	SITTING HEIGHT	.057	.261	.096	.179	-.031	.199	.120	.190	.219	.195
26	EYE HEIGHT	.086	.246	.081	.114	-.036	.113	.109	.162	.188	.181
27	MID SHOULDER HGT	.081	.131	.059	.094	-.072	.120	.047	.108	.168	.185
28	ELBOW REST HEIGHT	.086	.020	-.031	-.013	-.036	-.030	-.042	.034	.036	.076
29	THIGH CLEARANCE HT	.008	.108	-.072	.077	-.348	.179	.108	.212	.211	.140
30	KNEE HEIGHT	.059	.237	.065	.149	-.120	.135	.127	.224	.248	.203
31	POPLITEAL HEIGHT	-.044	.108	-.015	.068	-.157	.072	.047	.184	.195	.147
32	FUNCTIONAL REACH	.097	.200	.166	.198	.052	.131	.198	.153	.176	.156
33	ABDOMINAL DEPTH	.066	.256	.196	.228	-.008	.106	.151	.186	.202	.270
34	SHOULDER-ELBOW LTH	.130	.355	.257	.221	.156	.016	.189	.213	.197	.187
35	ELBOW-WRIST LENGTH	.046	.270	.071	.149	-.044	.096	.112	.151	.117	.060
36	BUTTOCK-KNEE LNGTH	.112	.312	.224	.239	.015	.104	.137	.205	.252	.244
37	BUT-POPLITEAL LGTH	.062	.174	.046	.141	-.052	.096	.075	.117	.136	.119
38	BIACROMIAL BREADTH	-.181	-.095	-.218	-.034	-.469	.269	.006	.089	.181	.091
39	BIDELTOID BREADTH	.181	.227	.084	.244	-.166	.211	.185	.228	.280	.245
40	KNEE-KNEE BREADTH	.212	.399	.312	.275	.113	.134	.105	.121	.203	.196
41	ELBOW-ELBOW BRDTH	.198	.351	.263	.326	.014	.101	.243	.201	.218	.227
42	FTP BREADTH	.127	.400	.342	.305	.000	.189	.225	.243	.320	.316
43	CHEST DEPTH	.170	.382	.308	.275	.004	.072	.188	.195	.253	.275
44	WAIST DEPTH	.134	.271	.220	.236	-.009	.075	.133	.141	.203	.257
45	BUTTOCK DEPTH	.206	.261	.129	.236	-.041	.113	.134	.136	.142	.162
46	CHEST BREADTH	.180	.274	.151	.308	-.030	.218	.235	.170	.195	.160
47	WAIST BREADTH	.223	.343	.342	.343	.085	.155	.211	.174	.229	.274
48	HI-ILIOCRISTALE	.130	.398	.393	.254	.088	.072	.075	.120	.231	.297
49	BI-TROCHANTERIC BR	.137	.471	.410	.307	.084	.149	.175	.197	.242	.312
50	POSTERIOR NECK LTH	-.200	-.169	-.323	-.121	-.586	.113	-.073	.090	.108	-.027

		91	92	93	94	95	96	97	98	99	100
51	WAIST BACK	.080	.231	.201	.168	.073	.164	.042	.033	.103	.123
52	ANTERIOR NECK LGTH	.215	-.072	-.093	-.058	.063	-.096	-.210	-.217	-.214	-.244
53	WAIST FRONT	.030	.334	.291	.228	-.005	.155	.200	.204	.275	.303
54	CROTCH LENGTH	.130	.328	.344	.272	.183	.079	.116	.152	.224	.291
55	VERTICAL TRUNK CIR	.191	.427	.387	.337	.100	.153	.176	.219	.317	.341
56	NECK CIRC MAX	.171	.333	.292	.408	.082	.255	.227	.229	.311	.340
57	SCYE CIRC	.218	.358	.263	.324	.149	.045	.228	.195	.191	.220
58	BICEPS CIRC EXTND	.155	.300	.291	.308	-.021	.190	.171	.164	.228	.249
59	ELBOW CIRC EXTEND	.157	.487	.449	.366	.045	.162	.267	.306	.359	.375
60	LOWER ARM CIRC EXT	.208	.432	.383	.354	-.039	.189	.232	.256	.311	.308
61	WRIST CIRC	.267	.638	.355	.352	.079	.165	.180	.186	.219	.223
62	SL-SPINE-SCYE	-.002	.101	.079	.119	.008	.102	.128	.173	.213	.214
63	SL-SPINE-ELBOW	.081	.272	.169	.218	.042	.155	.257	.233	.254	.215
64	SL-SPINE-WRIST	.115	.309	.184	.209	-.012	.147	.170	.203	.259	.221
65	BICEPS CIRC FLEXED	.172	.384	.398	.352	.058	.171	.185	.208	.267	.276
66	ELBOW CIRC FLEXED	.235	.300	.232	.223	.227	.010	.046	-.002	-.010	.017
67	FOREARM CIRC FLEXD	.075	.249	.262	.257	-.130	.185	.178	.256	.330	.292
68	SLEEVE INSEAM	-.155	.092	-.048	-.003	-.167	.023	.125	.231	.217	.160
69	DELTOID ARC	.155	.199	.167	.154	.089	-.018	.147	.173	.147	.099
70	SHOULDER LENGTH	-.255	-.096	-.242	-.083	-.494	.157	-.075	.031	.094	.011
71	SHOULDER CIRC	.112	.388	.390	.367	.083	.196	.235	.245	.351	.353
72	CHEST CIRC	.156	.409	.349	.338	.055	.055	.244	.232	.271	.301
73	WAIST CIRC	.084	.333	.389	.294	.070	.118	.182	.209	.317	.405
74	BUTTOCK CIRC	.120	.449	.424	.364	.071	.170	.245	.283	.378	.416
75	UPPER THIGH CIRC	.155	.283	.347	.335	.033	.237	.213	.213	.289	.305
76	LOWER THIGH CIRC	.023	.293	.203	.269	-.093	.161	.203	.314	.359	.303
77	KNEE CIRC	.170	.470	.361	.371	.061	.170	.231	.270	.337	.341
78	CALF CIRC	.152	.325	.284	.311	.051	.190	.179	.206	.254	.238
79	VERT TRNK CIRC SIT	.195	.445	.387	.334	.208	.155	.176	.168	.244	.277
80	BUTTOCK CIRC SITNG	.110	.304	.345	.329	-.010	.186	.238	.259	.364	.406
81	THIGH CIRC SITTING	.234	.278	.325	.326	.035	.222	.212	.200	.256	.263
82	KNEE CIRC SITTING	.155	.372	.298	.314	.016	.189	.161	.210	.290	.309
83	INTERSCYE	.130	.205	.229	.169	.134	.100	.087	.072	.147	.169
84	INTERSCYE MAX	-.069	.173	.203	.178	-.001	.243	.157	.169	.283	.280
85	HAND CIRC-THUMB	.166	.467	.204	.298	-.112	.135	.169	.241	.219	.135
86	HAND CIRC-META	.291	.450	.261	.276	.100	.033	.206	.149	.117	.088
87	HAND LENGTH	.147	.385	.239	.237	.083	.102	.139	.159	.186	.141
88	PALM LENGTH	.009	.245	.069	.164	-.075	.070	.118	.179	.144	.065
89	HAND BRDTH AT THMB	.187	.466	.230	.266	.008	.176	.207	.196	.192	.137
90	HAND BRDTH-META	.295	.513	.293	.298	.058	.102	.164	.166	.176	.136
91	HAND THICK-META	1.000	.234	.142	.132	.249	-.048	.055	-.105	-.120	-.062
92	WRIST BREADTH	.234	1.000	.495	.342	.267	.028	.220	.221	.238	.257
93	ELBOW BREADTH	.142	.495	1.000	.306	.348	.012	.156	.201	.289	.336
94	HEAD CIRC	.132	.342	.306	1.000	.413	.334	.451	.388	.356	.321
95	SAGITTAL ARC	.249	.267	.348	.413	1.000	.054	.158	.034	.011	.131
96	BIT-CORONAL ARC	-.048	.028	.012	.334	.054	1.000	.420	.209	.178	.165
97	BIT-MIN FRONT ARC	.055	.220	.156	.451	.158	.420	1.000	.627	.409	.320
98	BIT-SUBNASALE ARC	-.105	.221	.201	.388	.034	.209	.627	1.000	.783	.665
99	BIT-MENTON ARC	-.120	.238	.289	.356	.011	.178	.409	.783	1.000	.844
100	BI SUBMANDIBULAR A	-.062	.257	.336	.321	.131	.165	.320	.665	.844	1.000

		91	92	93	94	95	96	97	98	99	100
101	BIT-POSTERIOR ARC	.260	.316	.395	.335	.516	-.112	-.070	-.080	.007	.112
102	MIN FRONTAL ARC	.112	.081	-.054	.185	-.131	.134	.197	.181	.112	.033
103	EAR-EAR BREADTH	.084	.124	.077	.244	-.050	.228	.064	.038	.071	.009
104	HEAD BREADTH	.031	.094	.120	.379	-.040	.368	.165	.137	.200	.160
105	BIT DIAMETER	.074	.228	.244	.382	.057	.185	.188	.297	.334	.334
106	MAX FRONTAL DIAM	.034	.141	.116	.272	.058	.109	.314	.295	.257	.242
107	BIOCULAR DIAMETER	.264	.126	.074	.245	.172	.020	.172	.146	.036	.017
108	INTERPUPILLARY DIS	.080	.145	.090	.251	.017	.209	.258	.223	.189	.163
109	NASAL ROOT BREADTH	.156	.064	.107	.108	.004	.052	.051	.083	.091	.106
110	INTEROCULAR DIAM	.171	.100	.051	.208	.081	.076	.118	.060	.004	.009
111	BI-ZYGOMATIC DIAM	-.064	.002	-.050	.154	-.340	.260	.166	.325	.313	.187
112	NASAL BREADTH	.094	.134	.164	.200	.085	.128	.044	.042	.125	.094
113	LIP LENGTH	.179	.223	.205	.242	.231	.056	.134	.132	.117	.101
114	LIP LENGTH-SMILING	.043	.166	.178	.185	.155	.121	.150	.176	.146	.102
115	BIGONIAL DIAMETER	.049	.103	.202	.208	.182	.070	-.002	.075	.175	.245
116	MENTON-NASAL ROOT	-.022	.199	.077	.257	-.003	.190	.266	.187	.258	.172
117	SUBNASALE-NAS ROOT	-.009	.116	-.006	.144	-.074	.139	.260	.192	.127	.070
118	MENTON-SUBNASALE L	.044	.155	.068	.190	-.002	.093	.049	.064	.189	.116
119	NOSE PROTRUSION	.388	-.001	-.047	.067	.119	-.115	-.042	-.140	-.202	-.181
120	LIP-LIP DISTANCE	.116	-.112	-.082	.053	.079	.003	-.037	-.020	-.090	-.[illegible]3
121	PHILTRUM LENGTH	-.013	.111	.026	.056	-.097	.107	-.083	-.041	.050	.064
122	EAR BREADTH	.236	.121	.127	.135	.116	-.003	-.024	-.065	-.038	-.045
123	EAR LGTH ABOVE TRG	.227	.234	.333	.200	.453	.004	.166	.005	-.001	.067
124	EAR LENGTH	.120	.243	.132	.183	.028	.126	.117	.116	.189	.193
125	EAR PROTRUSION	.066	.050	-.023	.062	-.128	-.010	-.108	-.062	-.042	-.077
126	HEAD LENGTH	-.080	.061	-.054	.374	-.155	.185	.015	.188	.196	.087
127	MAX HEAD DIAG/MENT	-.047	.219	.204	.384	.079	.254	.120	.272	.437	.308
128	MAX HEAD DIAG/NUCH	.051	.213	.116	.260	-.036	.168	.039	.146	.147	.092
129	WALL-GLABELLA DIST	.088	.212	.165	.624	.316	.129	.200	.228	.198	.170
130	WALL-NAS RT OF DST	.085	.211	.179	.609	.323	.121	.232	.254	.215	.194
131	WALL-EX CANT DIST	.105	.166	.095	.483	.138	.139	.166	.173	.170	.126
132	WALL-TRAGION DIST	.256	.179	.255	.299	.492	-.096	-.096	-.186	-.124	-.039
133	WALL-PRONASAL DIST	.096	.275	.222	.497	.267	.058	.264	.319	.265	.232
134	WALL-SUBNASAL DIST	.112	.230	.189	.441	.236	.094	.198	.240	.211	.179
135	WALL-STOMION DIST	.111	.214	.187	.413	.210	.068	.160	.247	.236	.195
136	WALL-MENTON DIST	.135	.248	.245	.328	.229	.049	.174	.198	.252	.227
137	VERTEX-TRAGION HGT	.053	.135	.091	.299	.141	.454	.282	.100	.060	-.008
138	VERTEX-EX CANT HGT	.004	.058	.029	.257	.140	.292	.106	.061	.061	.028
139	VERTEX-GLABELLA HT	-.005	.002	-.001	.199	.225	.266	.053	-.000	-.011	.001
140	VERT-NAS RT DEP HT	.014	.004	-.032	.213	.145	.277	.058	.038	.031	.015
141	VERT-PRONASAL HGT	-.018	.008	-.034	.237	.120	.269	.128	.091	.084	.072
142	VERTEX-STOMION HGT	.004	.051	.005	.289	.143	.267	.107	.100	.099	.088
143	VERTEX-MENTON HGT	-.065	.070	-.054	.289	.007	.339	.160	.169	.211	.127
144	FOOT LENGTH	.088	.373	.265	.219	.007	.138	.102	.193	.257	.223
145	BALL OF FOOT LNGTH	.129	.290	.299	.176	.162	.065	-.051	.001	.121	.169
146	BALL OF FOOT BRD H	.072	.197	.009	.139	-.160	.155	.016	.112	.161	.116
147	MED"L MALLEOLUS	.015	.274	.236	.107	.065	.048	.052	.122	.158	.171
148	LAT"L MALLEOLUS	[illegible]1	.239	.190	.112	.013	.083	.099	.142	.176	.184
149	BI-MALLEOLUS BRDTH	[illegible]6	.423	.245	.210	-.009	.138	.175	.301	.336	.303
150	ANKLE CIRC	.168	.446	.316	.319	.114	.105	.113	.175	.210	.196

		91	92	93	94	95	96	97	98	99	100
151	HEEL-ANKLE CIRC	.204	.471	.320	.342	.162	.095	.114	.165	.222	.234
152	INSTEP CIRC	.219	.416	.389	.309	.175	.011	.079	.107	.179	.182
153	BALL OF FOOT GIRTH	.162	.389	.231	.295	-.022	.126	.171	.254	.257	.190
154	GRIP	-.090	.160	.149	.087	.054	.139	.100	.084	.142	.106

		101	102	103	104	105	106	107	108	109	110
1	WEIGHT	.254	.095	.195	.239	.406	.176	.154	.207	.097	.095
2	SUB SCAPULAR	.056	-.005	.105	.167	.269	.110	-.022	.039	.003	-.045
3	TRICEPS	.032	.069	.091	.134	.237	.074	.044	.026	-.012	-.079
4	JUXTA NIPPLE	.009	-.003	.079	.131	.244	.107	.007	.030	.040	-.074
5	MAL-XIPHOID	-.040	-.001	.070	.159	.251	.156	-.007	.028	.044	-.052
6	SUPRA-ILIAC	-.002	.001	-.008	.109	.185	.043	.035	.016	.026	-.107
7	DORSAL HAND	-.056	.142	.056	.066	.083	.078	.088	-.016	.008	-.009
8	STATURE	.151	.081	.114	.005	.127	-.005	.143	.163	.022	.039
9	CERVICALE HEIGHT	.124	.077	.099	-.005	.143	-.000	.129	.189	.030	.036
10	ACROMIALE HEIGHT	.152	.026	.123	.011	.155	-.010	.107	.162	.048	.046
11	SUPRASTERNALE HGT	.124	.062	.095	.005	.138	.024	.113	.171	.027	.045
12	NIPPLE-CHEST HGT	.137	.064	.083	-.019	.109	.000	.140	.142	.017	.038
13	WAIST HEIGHT	.124	.052	.078	-.053	.075	-.013	.144	.142	.016	.053
14	ILIOCRISTALE HGT	-.170	.133	.149	-.007	.081	.068	.108	.104	.053	.051
15	TROCHANTERIC HGT	.080	.101	.095	-.071	.057	-.050	.174	.071	.051	.086
16	BUTTOCK HEIGHT	.131	.086	.062	-.067	.079	.042	.141	.136	-.005	.079
17	GLUTEAL FURROW HGT	.136	.051	.079	-.065	.063	-.045	.125	.133	.007	.049
18	CROTCH HEIGHT	.142	.034	.045	-.097	.038	-.117	.177	.139	.006	.047
19	RADIALE HEIGHT	.195	.058	.119	.002	.152	.011	.107	.163	.011	.040
20	STYLION HEIGHT	.043	.031	.133	.024	.169	.005	.128	.114	.043	.074
21	DACTYLION HEIGHT	.202	-.059	.059	-.001	.159	-.008	.085	.105	.045	.030
22	PATELLA HEIGHT TOP	.020	.080	.074	.023	.101	.014	.061	.095	.053	.043
23	PATELLA HEIGHT BOT	-.189	.223	.087	.053	.067	.057	.070	.150	.056	.041
24	CALF HEIGHT	.000	.064	-.019	.022	.071	.160	.033	.129	.126	.100
25	SITTING HEIGHT	-.078	.198	.121	.066	.087	.009	.079	.094	.086	.037
26	EYE HEIGHT	-.064	.164	.068	.027	.064	-.038	.060	.084	.075	.037
27	MID SHOULDER HGT	-.079	.085	.118	.089	.141	.012	.002	.111	.151	.066
28	ELBOW REST HEIGHT	-.088	.071	.045	.047	.044	.004	-.003	-.023	.086	-.005
29	THIGH CLEARANCE HT	-.332	.245	.119	.136	.110	.136	.026	.077	.117	.055
30	KNEE HEIGHT	-.148	.228	.101	.032	.075	.058	.080	.121	.095	.061
31	POPLITEAL HEIGHT	-.222	.169	.053	-.032	-.031	-.028	.068	.098	.063	.015
32	FUNCTIONAL REACH	.114	.089	.086	-.015	.082	-.031	.114	.220	.011	.076
33	ABDOMINAL DEPTH	.176	.034	.148	.233	.339	.206	.021	.064	.106	.078
34	SHOULDER-ELBOW LTH	.140	.202	.062	-.066	.042	.049	.199	.057	-.086	-.009
35	ELBOW-WRIST LENGTH	-.052	.202	.106	-.061	.054	-.001	.192	.073	-.028	.002
36	BUTTOCK-KNEE LNGTH	.094	.113	.161	.050	.187	.062	.159	.170	.058	.075
37	BUT-POPLITEAL LGTH	.001	.087	.170	.014	.116	-.033	.125	.100	-.001	.003
38	BIACROMIAL BREADTH	-.355	.067	.165	.188	.115	-.017	-.199	.094	.124	.018
39	BIDELTOID BREADTH	-.037	.156	.263	.236	.294	.143	.062	.122	.078	.094
40	KNEE-KNEE BREADTH	.266	.129	.168	.172	.266	.095	.123	.132	.129	.147
41	ELBOW-ELBOW BRDTH	.235	.169	.182	.209	.322	.146	.109	.093	.065	.069
42	HIP BREADTH	.177	.147	.166	.189	.292	.163	.149	.210	.077	.087
43	CHEST DEPTH	.207	.133	.139	.155	.293	.153	.086	.123	.018	.069
44	WAIST DEPTH	.197	.084	.175	.198	.324	.164	.083	.080	.053	.063
45	BUTTOCK DEPTH	.097	.182	.212	.181	.299	.239	.166	.059	.091	.122
46	CHEST BREADTH	.104	.225	.270	.215	.276	.119	.110	.094	-.039	.054
47	WAIST BREADTH	.277	.117	.258	.253	.371	.217	.108	.133	.114	.121
48	BI-ILIOCRISTALE	.304	.027	.206	.207	.365	.173	.075	.170	.106	.125
49	BI-TROCHANTERIC BR	.280	.079	.238	.197	.366	.149	.101	.171	.081	.102
50	POSTERIOR NECK LTH	-.491	.208	.148	.044	-.032	-.004	-.037	-.036	.025	-.066

		101	102	103	104	105	106	107	108	109	110
51	WAIST BACK	.175	-.039	.103	.094	.184	.016	.069	.182	.074	.073
52	ANTERIOR NECK LGTH	.070	.115	.045	-.044	-.056	-.113	.136	-.076	.090	.103
53	WAIST FRONT	.131	.091	.093	.164	.235	.120	.034	.112	.014	.019
54	CROTCH LENGTH	.302	.002	.047	.130	.288	.096	.151	.123	.089	.085
55	VERTICAL TRUNK CIR	.298	.102	.148	.200	.356	.164	.194	.173	.105	.108
56	NECK CIRC MAX	.296	.043	.237	.332	.424	.267	.141	.211	.097	.162
57	SCYE CIRC	.276	.115	.167	.117	.283	.231	.176	.057	.024	.125
58	BICEPS CIRC EXTND	.173	.057	.240	.268	.396	.225	.091	.117	.113	.132
59	ELBOW CIRC EXTEND	.181	.040	.223	.216	.378	.282	.074	.123	.129	.106
60	LOWER ARM CIRC EXT	.153	.101	.258	.270	.374	.283	.084	.149	.212	.195
61	WRIST CIRC	.228	.086	.254	.181	.336	.209	.170	.140	.134	.170
62	SL-SPINE-SCYE	-.011	.111	.004	.084	.086	-.049	.058	.048	.005	-.052
63	SL-SPINE-ELBOW	.027	.157	.063	.044	.111	.040	.161	.107	-.015	-.009
64	SL-SPINE-WRIST	.025	.147	.131	.064	.143	.032	.191	.155	.043	.044
65	BICEPS CIRC FLEXED	.256	.104	.192	.250	.373	.178	.155	.137	.107	.108
66	ELBOW CIRC FLEXED	.334	.044	.146	.058	.209	.123	.268	.002	-.004	.092
67	FOREARM CIRC FLEXD	.013	.053	.190	.262	.273	.119	.009	.120	.222	.087
68	SLEEVE INSEAM	-.258	.060	-.005	-.052	-.022	.125	.040	-.001	.003	-.039
69	DELTOID ARC	.138	.180	.079	-.052	.015	.012	.200	.036	-.121	-.018
70	SHOULDER LENGTH	-.333	.071	.110	.100	.058	-.100	-.212	.017	.057	-.041
71	SHOULDER CIRC	.294	-.002	.191	.253	.388	.171	.053	.175	.095	.112
72	CHEST CIRC	.278	.134	.126	.175	.313	.154	.163	.132	.030	.062
73	WAIST CIRC	.292	-.012	.161	.249	.382	.175	.047	.140	.083	.046
74	BUTTOCK CIRC	.247	.061	.174	.234	.390	.214	.124	.174	.097	.092
75	UPPER THIGH CIRC	.184	.064	.164	.235	.352	.214	.087	.143	.163	.154
76	LOWER THIGH CIRC	.004	.157	.145	.192	.277	.163	.177	.071	.075	.027
77	KNEE CIRC	.205	.078	.200	.198	.367	.210	.118	.164	.115	.142
78	CALF CIRC	.118	.092	.166	.187	.260	.131	.149	.088	.120	.130
79	VERT TRNK CIRC SIT	.342	.028	.176	.149	.336	.142	.151	.157	.075	.133
80	BUTTOCK CIRC SITNG	.183	.083	.207	.250	.383	.222	.062	.155	.098	.089
81	THIGH CIRC SITTING	.185	.112	.154	.212	.325	.136	.168	.170	.181	.158
82	KNEE CIRC SITTING	.166	.064	.187	.178	.340	.146	.090	.163	.116	.139
83	INTERSCYE	.261	.001	.059	.105	.222	-.020	.204	.131	.012	.038
84	INTERSCYE MAX	.105	-.014	.130	.159	.218	-.024	-.063	.151	-.010	-.005
85	HAND CIRC-THUMB	.015	.261	.217	.137	.199	.158	.201	.111	.100	.100
86	HAND CIRC-META	.220	.157	.199	.096	.206	.199	.191	.080	.130	.180
87	HAND LENGTH	.116	.163	.152	.031	.131	-.007	.252	.140	.004	.047
88	PALM LENGTH	-.053	.207	.142	.001	.055	-.029	.237	.027	-.056	-.069
89	HAND BRDTH AT THMB	.017	.164	.211	.138	.181	.166	.111	.114	.083	.100
90	HAND BRDTH-META	.139	.180	.222	.151	.229	.161	.186	.142	.144	.178
91	HAND THICK-META	.260	.112	.084	.031	.074	.034	.264	.080	.156	.171
92	WRIST BREADTH	.316	.081	.124	.094	.228	.141	.126	.145	.064	.100
93	ELBOW BREADTH	.395	-.054	.077	.120	.244	.116	.074	.090	.107	.051
94	HEAD CIRC	.335	.185	.244	.379	.382	.272	.245	.251	.108	.208
95	SAGITTAL ARC	.516	-.131	-.050	-.040	.057	.058	.172	.017	.004	.081
96	BIT-CORONAL ARC	-.112	.134	.228	.368	.185	.109	.020	.209	.052	.076
97	BIT-MIN FRONT ARC	-.070	.197	.064	.165	.188	.314	.172	.258	.051	.118
98	BIT-SUBNASALE ARC	-.080	.181	.038	.137	.297	.295	.146	.223	.083	.060
99	BIT-MENTON ARC	.007	.112	.071	.200	.334	.257	.036	.189	.091	.004
100	BI SUBMANDIBULAR A	.112	.033	.009	.160	.334	.242	.017	.163	.106	.009

		101	102	103	104	105	106	107	108	109	110
101	BIT-POSTERIOR ARC	1.000	-.095	.130	.107	.253	.001	.186	.064	.029	.097
102	MIN FRONTAL ARC	-.095	1.000	.080	.080	.069	.028	.271	.125	.034	.095
103	EAR-EAR BREADTH	.130	.080	1.000	.427	.386	.206	.094	.125	.038	.123
104	HEAD BREADTH	.107	.080	.427	1.000	.558	.326	.074	.219	.156	.161
105	BIT DIAMETER	.253	.069	.386	.558	1.000	.391	.211	.239	.175	.252
106	MAX FRONTAL DIAM	.001	.028	.206	.326	.391	1.000	.118	.096	.099	.238
107	BIOCULAR DIAMETER	.186	.271	.094	.074	.211	.118	1.000	.459	.109	.368
108	INTERPUPILLARY DIS	.064	.125	.125	.219	.239	.096	.455	1.000	.228	.528
109	NASAL ROOT BREADTH	.029	.034	.038	.156	.175	.099	.109	.228	1.000	.377
110	INTEROCULAR DIAM	.097	.095	.123	.161	.252	.238	.368	.528	.377	1.000
111	BI-ZYGOMATIC DIAM	-.216	.284	.313	.343	.407	.285	.101	.125	.052	.093
112	NASAL BREADTH	.250	-.054	.124	.146	.211	.120	.103	.184	.133	.205
113	LIP LENGTH	.293	.110	.087	.074	.210	.022	.242	.166	.038	.127
114	LIP LENGTH-SMILING	.191	.063	.071	.063	.180	.062	.182	.120	-.027	.061
115	BIGONIAL DIAMETER	.248	-.175	.153	.272	.385	.095	-.056	.094	.039	.092
116	MENTON-NASAL ROOT	.074	.195	.115	.068	.105	.036	.118	.078	-.080	-.025
117	SUBNASALE-NAS ROOT	.005	.164	.165	.063	.087	.051	.088	.051	-.091	-.026
118	MENTON-SUBNASALE L	.106	.214	.085	.049	.066	-.045	.145	.073	.003	.036
119	NOSE PROTRUSION	.159	.124	.137	-.010	.068	.015	.294	-.063	.055	.126
120	LIP-LIP DISTANCE	.013	.105	-.026	-.065	-.068	-.011	.204	.053	.093	.108
121	PHILTRUM LENGTH	.052	.090	.101	.101	.116	-.105	-.010	.059	.026	.025
122	EAR BREADTH	.282	-.010	.080	.102	.186	.084	.226	.117	.054	.153
123	EAR LGTH ABOVE TRG	.443	-.091	-.009	-.028	.049	.033	.192	.122	-.039	.039
124	EAR LENGTH	.132	.042	.237	.102	.241	.118	.031	.140	.051	.090
125	EAR PROTRUSION	-.019	.124	.484	.155	.134	.080	-.011	-.029	.118	.118
126	HEAD LENGTH	-.121	.248	.169	.169	.161	-.022	.138	.143	.094	.049
127	MAX HEAD DIAG/MENT	.098	.129	.098	.191	.163	.035	.130	.124	.114	-.010
128	MAX HEAD DIAG/NUCH	.113	.072	.207	.188	.300	.194	.097	.169	.143	.164
129	WALL-GLABELLA DIST	.166	.108	.035	-.022	.101	.077	.181	.153	.113	.154
130	WALL-NAS RT CP DST	.173	.087	.022	-.037	.087	.077	.156	.142	.126	.135
131	WALL-EX CANT DIST	.060	.001	.100	.008	.076	.073	-.003	.113	.129	.111
132	WALL-TRAGION DIST	.494	-.167	.008	-.076	.056	-.047	.122	.043	.079	.119
133	WALL-PRONASAL DIST	.206	.048	-.005	-.035	.111	.110	.160	.176	.107	.129
134	WALL-SUBNASAL DIST	.203	-.027	.031	-.033	.113	.065	.102	.153	.120	.159
135	WALL-STOMION DIST	.181	.006	.024	-.035	.114	.065	.129	.161	.116	.128
136	WALL-MENTON DIST	.237	-.056	.037	.022	.168	.110	.131	.160	.123	.133
137	VERTEX-TRAGION HGT	.014	.131	.137	.129	.031	.099	.063	.178	.005	.090
138	VERTEX-EX CANT HGT	-.022	.086	.076	.093	.025	.148	.039	.034	.037	.051
139	VERTEX-GLABELLA HT	.025	-.028	.041	.044	-.006	.089	-.073	-.026	.034	.024
140	VERT-NAS RT DEP HT	-.042	.056	.060	.090	.023	.114	-.025	-.030	.039	.028
141	VERT-PRONASAL HGT	-.077	.074	.082	.100	.013	.099	-.038	-.012	.009	-.017
142	VERTEX-STOMION HGT	-.024	.087	.093	.096	.039	.107	.008	.019	.018	.032
143	VERTEX-MENTON HGT	-.138	.172	.141	.103	.045	.140	.014	.035	-.030	.010
144	FOOT LENGTH	.053	.076	.192	.124	.189	.043	.102	.171	.077	.076
145	BALL OF FOOT LNGTH	.265	-.132	.147	.089	.185	-.044	.015	.133	.015	.104
146	BALL OF FOOT BRDTH	-.174	.044	.218	.141	.162	.016	-.002	.063	.114	.062
147	MED"L MALLEOLUS HT	.062	-.082	.041	.040	.101	.037	-.005	.126	.114	.010
148	LAT"L MALLEOLUS HT	.007	-.056	.046	-.009	.065	.056	-.049	.119	.036	-.000
149	BI-MALLEOLUS BRDTH	-.001	.097	.149	.176	.160	.156	-.019	.130	.159	.067
150	ANKLE CIRC	.203	.075	.221	.148	.283	.114	.136	.107	.117	.143

		101	102	103	104	105	106	107	108	109	110
151	HEEL-ANKLE CIRC	.243	.009	.201	.125	.278	.153	.111	.123	.110	.169
152	INSTEP CIRC	.325	.117	.067	.085	.160	-.002	.166	.192	.069	.124
153	BALL OF FOOT GIRTH	.048	.176	.198	.129	.223	.145	.187	.173	.147	.149
154	GRIP	.079	-.079	-.003	-.024	-.014	-.043	-.058	.102	-.004	-.004

		111	112	113	114	115	116	117	118	119	120
1	WEIGHT	.250	.179	.173	.204	.271	.229	.099	.191	.011	-.064
2	SUB SCAPULAR	.267	.095	.085	.153	.099	.104	.153	.006	-.066	-.175
3	TRICEPS	.293	.040	.079	.183	.062	.112	.152	.018	-.032	-.104
4	JUXTA NIPPLE	.249	.023	.046	.151	.083	.049	.118	-.025	-.026	-.161
5	MAL-XIPHOID	.302	.021	.016	.141	.080	.044	.097	-.045	-.042	-.138
6	SUPRA-ILIAC	.227	-.010	.026	.151	.066	.079	.003	.011	-.090	-.135
7	DORSAL HAND	.232	.020	.062	.136	-.109	.134	.145	.079	-.021	.052
8	STATURE	.073	.086	.117	.133	.054	.232	.105	.212	.045	.129
9	CERVICALE HEIGHT	.079	.046	.103	.105	.055	.219	.104	.183	.017	.112
10	ACROMIALE HEIGHT	.053	.071	.094	.120	.102	.172	.057	.152	.055	.100
11	SUPRASTERNALE HGT	.085	.065	.090	.116	.072	.207	.092	.166	.013	.094
12	NIPPLE-CHEST HGT	.061	.063	.076	.105	.059	.177	.064	.165	.057	.118
13	WAIST HEIGHT	.024	.044	.072	.087	.038	.190	.074	.162	.081	.149
14	ILIOCRISTALE HGT	.211	-.035	-.054	-.031	.015	.193	.091	.163	.093	.158
15	TROCHANTERIC HGT	.003	-.002	.047	-.013	.068	.120	.041	.156	.258	.192
16	BUTTOCK HEIGHT	.035	.063	.092	.080	.035	.206	.062	.197	.068	.124
17	GLUTEAL FURROW HGT	.018	.051	.082	.072	.059	.168	.060	.172	.096	.133
18	CROTCH HEIGHT	-.035	.007	.053	.064	.070	.148	-.004	.151	.095	.140
19	RADIALE HEIGHT	.063	.090	.130	.138	.056	.180	.092	.158	.011	.089
20	STYLION HEIGHT	.106	.011	.033	.119	.042	.142	.071	.113	.070	.114
21	DACTYLION HEIGHT	-.041	.038	.070	.096	.152	.061	-.024	.083	.040	.073
22	PATELLA HEIGHT TOP	.109	-.004	.059	.045	.097	.194	.038	.169	.062	.131
23	PATELLA HEIGHT BOT	.295	.017	.008	.013	-.078	.213	.131	.179	-.025	.127
24	CALF HEIGHT	.010	.013	.045	.006	-.029	.057	-.025	.045	-.030	.151
25	SITTING HEIGHT	.215	-.015	.015	.028	-.034	.187	.091	.207	.026	.135
26	EYE HEIGHT	.173	-.071	-.007	-.010	-.011	.197	.061	.198	.020	.109
27	MID SHOULDER HGT	.136	-.020	-.039	-.034	.074	.049	-.019	.085	.022	.071
28	ELBOW REST HEIGHT	.038	-.121	-.119	-.107	.064	-.034	-.057	.026	.046	.032
29	THIGH CLEARANCE HT	.369	-.060	-.088	-.067	-.028	.149	.050	.166	-.020	.068
30	KNEE HEIGHT	.233	-.030	-.027	-.026	-.019	.231	.076	.219	.025	.147
31	POPLITEAL HEIGHT	.149	-.074	-.080	-.059	-.024	.159	.033	.164	-.018	.174
32	FUNCTIONAL REACH	.052	.143	.106	.092	-.013	.203	.154	.152	.034	.084
33	ABDOMINAL DEPTH	.183	.121	.099	.093	.170	.075	.068	.043	.051	-.149
34	SHOULDER-ELBOW LTH	.042	-.016	.125	.144	-.103	.256	.141	.162	.104	.092
35	ELBOW-WRIST LENGTH	.165	.011	.099	.107	-.108	.244	.172	.186	.144	.148
36	BUTTOCK-KNEE LNGTH	.174	.084	.094	.122	.046	.196	.103	.171	.099	.109
37	BUT-POPLITEAL LGTH	.199	-.027	.028	.086	.027	.191	.145	.131	.143	.107
38	BIACROMIAL BREADTH	.352	.028	-.171	-.121	.099	.106	.085	.093	-.115	-.019
39	BIDELTOID BREADTH	.351	.089	.037	.067	.159	.215	.142	.156	.085	-.038
40	KNEE-KNEE BREADTH	.142	.170	.082	.090	.145	.150	.022	.196	.085	.011
41	ELBOW-ELBOW BRDTH	.231	.145	.198	.157	.153	.201	.163	.142	.134	-.132
42	HIP BREADTH	.218	.205	.161	.140	.117	.147	.090	.159	-.007	-.048
43	CHEST DEPTH	.175	.155	.201	.168	.146	.159	.117	.124	.037	-.157
44	WAIST DEPTH	.209	.141	.142	.126	.103	.106	.109	.066	.098	-.157
45	BUTTOCK DEPTH	.284	.101	.107	.079	.110	.133	.134	.123	.206	-.024
46	CHEST BREADTH	.300	.155	.165	.077	.162	.263	.228	.211	.102	-.083
47	WAIST BREADTH	.190	.217	.199	.152	.168	.141	.144	.114	.163	-.107
48	BI-ILIOCRISTALE	.129	.164	.150	.160	.246	.091	.037	.104	.059	-.105
49	BI-TROCHANTERIC BR	.174	.199	.195	.164	.208	.163	.123	.130	.052	-.084
50	POSTERIOR NECK LTH	.401	-.084	-.191	-.044	-.174	.100	.097	.102	-.026	.069

		111	112	113	114	115	116	117	118	119	120
51	WAIST BACK	.023	.164	.124	.067	.098	.078	.049	.113	.001	.055
52	ANTERIOR NECK LGTH	-.043	-.016	.030	-.038	-.056	-.070	-.048	.081	.283	.224
53	WAIST FRONT	.183	.138	.133	.128	.091	.154	.145	.111	-.094	-.138
54	CROTCH LENGTH	.060	.138	.158	.175	.210	.065	.023	.056	.016	-.026
55	VERTICAL TRUNK CIR	.170	.213	.194	.185	.156	.140	.093	.160	.091	-.005
56	NECK CIRC MAX	.228	.282	.214	.163	.303	.152	.075	.139	.035	-.091
57	SCYE CIRC	.162	.156	.201	.184	.100	.167	.177	.094	.177	-.007
58	BICEPS CIRC EXTND	.309	.173	.130	.142	.269	.124	.080	.093	.086	-.096
59	ELBOW CIRC EXTEND	.277	.168	.104	.141	.219	.171	.101	.095	.029	-.073
60	LOWER ARM CIRC EXT	.304	.242	.133	.139	.157	.137	.093	.119	.075	-.035
61	WRIST CIRC	.209	.221	.194	.147	.132	.172	.132	.120	.121	-.046
62	SL-SPINE-SCYE	.139	-.031	.008	.035	.114	.164	.059	.149	-.035	.005
63	SL-SPINE-ELBOW	.152	.031	.090	.077	.019	.264	.174	.196	.035	.068
64	SL-SPINE-WRIST	.147	.068	.099	.085	.040	.230	.137	.201	.075	.103
65	BICEPS CIRC FLEXED	.231	.180	.188	.217	.237	.124	.043	.119	.046	-.077
66	ELBOW CIRC FLEXED	.026	.142	.214	.194	.074	.104	.099	.079	.264	.030
67	FOREARM CIRC FLEXD	.286	.149	.037	.082	.157	.098	.059	.109	.016	-.032
68	SLEEVE INSEAM	.201	-.135	-.102	-.004	-.111	.151	.045	.061	-.037	.089
69	DELTOID ARC	.073	.034	.119	.154	-.113	.146	.124	.113	.137	.030
70	SHOULDER LENGTH	.316	-.008	-.114	-.100	.044	.090	.117	.068	-.100	-.051
71	SHOULDER CIRC	.194	.258	.177	.199	.256	.184	.091	.145	-.019	-.090
72	CHEST CIRC	.177	.128	.192	.197	.146	.213	.141	.158	.049	-.125
73	WAIST CIRC	.144	.199	.156	.151	.272	.092	.069	.075	-.031	-.188
74	BUTTOCK CIRC	.227	.189	.173	.186	.219	.163	.100	.148	-.008	-.090
75	UPPER THIGH CIRC	.209	.216	.094	.114	.237	.104	.034	.128	.011	-.008
76	LOWER THIGH CIRC	.342	.053	.013	.131	.082	.188	.070	.182	-.025	-.026
77	KNEE CIRC	.249	.197	.130	.144	.162	.197	.108	.132	.033	-.093
78	CALF CIRC	.239	.146	.085	.131	.177	.178	.053	.152	.062	.039
79	VERT TRNK CIRC SIT	.118	.231	.217	.187	.165	.150	.112	.128	.080	-.024
80	BUTTOCK CIRC SITNG	.253	.178	.122	.134	.230	.162	.106	.134	.003	-.125
81	THIGH CIRC SITTING	.226	.187	.125	.122	.173	.118	.055	.151	.086	.058
82	KNEE CIRC SITTING	.221	.166	.081	.119	.198	.155	.062	.140	.099	-.035
83	INTERSCYE	.017	.133	.178	.205	.133	.102	.025	.063	.049	-.025
84	INTERSCYE MAX	.171	.119	.037	.090	.240	.198	.046	.142	-.147	-.113
85	HAND CIRC-THUMB	.344	.118	.126	.197	-.064	.221	.159	.173	.114	.081
86	HAND CIRC-META	.167	.189	.234	.203	-.042	.157	.185	.097	.203	.064
87	HAND LENGTH	.147	.100	.173	.122	-.004	.259	.186	.207	.149	.096
88	PALM LENGTH	.265	-.019	.089	.076	-.081	.301	.235	.203	.149	.082
89	HAND BRDTH AT THMB	.200	.125	.153	.139	.022	.198	.133	.148	.088	.015
90	HAND BRDTH-META	.200	.168	.183	.168	-.002	.173	.145	.131	.152	.025
91	HAND THICK-META	-.064	.094	.179	.043	.049	-.022	-.009	.044	.388	.116
92	WRIST BREADTH	.002	.134	.223	.166	.103	.199	.116	.155	-.001	-.112
93	ELBOW BREADTH	-.050	.164	.205	.178	.202	.077	-.006	.008	-.047	-.082
94	HEAD CIRC	.154	.200	.242	.185	.208	.257	.144	.190	.067	.053
95	SAGITTAL ARC	-.340	.085	.231	.155	.182	-.003	-.074	-.002	.119	.079
96	BIT-CORONAL ARC	.260	.128	.056	.121	.070	.190	.139	.093	-.115	.003
97	BIT-MIN FRONT ARC	.166	.044	.134	.150	-.002	.266	.260	.049	-.042	-.037
98	BIT-SUBNASALE ARC	.325	.042	.132	.176	.075	.187	.192	.064	-.140	-.020
99	BIT-MENTON ARC	.313	.125	.117	.146	.175	.258	.127	.189	-.202	-.090
100	BI SUBMANDIBULAR A	.187	.094	.101	.102	.245	.172	.070	.116	-.181	-.093

		111	112	113	114	115	116	117	118	119	120
101	BIT-POSTERIOR ARC	-.216	.250	.293	.191	.248	.074	.005	.106	.159	.017
102	MIN FRONTAL ARC	.284	-.054	.110	.063	-.175	.195	.164	.214	.124	.105
103	EAR-EAR BREADTH	.313	.124	.087	.071	.153	.115	.165	.085	.137	-.026
104	HEAD BREADTH	.343	.146	.074	.063	.272	.068	.063	.049	-.010	-.065
105	BIT DIAMETER	.407	.211	.210	.180	.385	.105	.087	.066	.068	-.068
106	MAX FRONTAL DIAM	.285	.120	.022	.062	.095	.036	.051	-.045	.015	-.011
107	BIOCULAR DIAMETER	.101	.103	.242	.182	-.056	.118	.088	.145	.294	.204
108	INTERPUPILLARY DIS	.125	.184	.166	.120	.094	.076	.051	.073	-.063	.053
109	NASAL ROOT BREADTH	.052	.133	.038	-.027	.039	-.080	-.091	.003	.055	.093
110	INTEROCULAR DIAM	.093	.205	.127	.061	.092	-.025	-.026	.036	.126	.108
111	BI-ZYGOMATIC DIAM	1.000	.008	-.014	.058	.147	.188	.167	.097	.008	-.019
112	NASAL BREADTH	.008	1.000	.279	.175	.131	-.016	.025	.067	.013	-.043
113	LIP LENGTH	-.014	.279	1.000	.570	.066	.091	.130	.061	.100	-.015
114	LIP LENGTH-SMILING	.058	.175	.570	1.000	.019	.099	.114	-.001	.070	.027
115	BIGONIAL DIAMETER	.147	.131	.066	.019	1.000	.027	-.072	.043	-.022	-.109
116	MENTON-NASAL ROOT	.188	-.016	.091	.099	.027	1.000	.514	.642	.073	.146
117	SUBNASALE-NAS ROOT	.167	.025	.130	.114	-.072	.514	1.000	.119	.179	-.079
118	MENTON-SUBNASALE L	.097	.067	.061	-.001	.043	.642	.119	1.000	.044	.275
119	NOSE PTOTRUSION	.008	.013	.100	.070	-.022	.073	.179	.044	1.000	.175
120	LIP-LIP DISTANCE	-.019	-.043	-.015	.027	-.109	.146	-.079	.275	.175	1.000
121	PHILTRUM LENGTH	.088	.082	.069	-.025	.121	.272	-.015	.466	-.069	-.114
122	EAR BREADTH	-.026	.213	.277	.250	-.034	.003	.043	.024	.188	.110
123	EAR LGTH ABOVE TRG	-.301	.235	.278	.204	.091	.019	.035	.011	.092	.008
124	EAR LENGTH	.115	.243	.182	.111	.134	.156	.174	.131	.077	-.060
125	EAR PROTRUSION	.202	.060	.019	-.010	.006	-.015	.053	.071	.204	.080
126	HEAD LENGTH	.384	-.021	-.014	.028	.044	.225	.080	.243	-.001	.113
127	MAX HEAD DIAG/MENT	.219	.167	.117	.160	.082	.385	.135	.391	-.069	.099
128	MAX HEAD DIAG/NUCH	.141	.233	.170	.095	.127	.115	.114	.127	.058	.024
129	WALL-GLABELLA DIST	.015	.115	.145	.120	.062	.149	.000	.187	.055	.140
130	WALL-NAS RT DP DST	.003	.105	.137	.108	.058	.186	.034	.199	.045	.134
131	WALL-EX CANT DIST	.067	.109	.070	.032	.083	.131	.043	.136	.038	.094
132	WALL-TRAGION DIST	-.289	.152	.145	.087	.183	-.020	-.098	.051	.170	.077
133	WALL-PRONASAL DIST	-.000	.103	.191	.144	.063	.248	.161	.197	.072	.100
134	WALL-SUBNASAL DIST	-.006	.180	.188	.107	.123	.151	.056	.171	.026	.105
135	WALL-STOMION DIST	.028	.143	.178	.111	.136	.150	.022	.194	.029	.158
136	WALL-MENTON DIST	.002	.164	.233	.146	.209	.043	-.001	.023	.034	-.044
137	VERTEX-TRAGION HGT	.042	.133	.139	.133	-.100	.130	.109	.064	-.046	.056
138	VERTEX-EX CANT HGT	.046	.115	.039	.052	-.114	.008	.014	-.003	-.047	.076
139	VERTEX-GLABELLA HT	-.033	.089	.014	-.005	-.042	-.055	-.042	-.067	-.052	.047
140	VERT-NAS RT DEP HT	.073	.076	-.019	.026	-.060	-.048	-.050	-.044	-.010	.084
141	VERT-PRONASAL HGT	.074	.059	-.010	.019	-.063	.073	.161	-.036	-.023	.029
142	VERTEX-STOMION HGT	.082	.071	.018	.052	-.062	.143	.096	.097	.015	.117
143	VERTEX-MENTON HGT	.244	.035	-.002	.064	-.093	.359	.191	.272	-.021	.125
144	FOOT LENGTH	.178	.139	.143	.104	.114	.217	.104	.200	.011	.070
145	BALL OF FOOT LNGTH	-.026	.234	.148	.089	.280	.105	-.009	.138	.029	.034
146	BALL OF FOOT BRDTH	.276	.033	-.050	-.009	.163	.164	.047	.134	.104	.050
147	MED"L MALLEOLUS HT	.039	.028	.089	.126	.041	.048	-.010	.010	-.091	-.021
148	LAT"L MALLEOLUS HT	-.011	.065	.071	.090	-.001	.054	.009	.034	-.113	-.006
149	BI-MALLEOLUS BRDTH	.181	.062	.021	.041	.051	.132	.063	.112	-.103	.036
150	ANKLE CIRC	.168	.191	.128	.124	.175	.152	.120	.154	.120	.016

		111	112	113	114	115	116	117	118	119	120
151	HEEL-ANKLE CIRC	.148	.226	.180	.139	.165	.193	.133	.173	.162	.050
152	INSTEP CIRC	.009	.227	.157	.115	.066	.122	.047	.224	-.002	.039
153	BALL OF FOOT GIRTH	.252	.138	.115	.135	-.015	.227	.159	.189	.096	.096
154	GRIP	-.045	.120	.074	.113	.043	.133	.065	.065	-.088	-.019

		121	122	123	124	125	126	127	128	129	130
1	WEIGHT	.160	.095	.147	.303	.044	.257	.346	.295	.254	.254
2	SUB SCAPULAR	.079	.120	.077	.203	.020	.113	.099	.129	-.018	-.016
3	TRICEPS	.034	.095	.046	.117	.011	.154	.104	.076	.018	.013
4	JUXTA NIPPLE	.062	.087	.025	.185	.012	.130	.106	.129	-.043	-.026
5	MAL-XIPHOID	.036	.090	-.037	.162	.016	.168	.102	.143	-.035	-.028
6	SUPRA-ILIAC	.029	.039	.025	.094	-.050	.156	.162	.031	.008	.015
7	DORSAL HAND	-.017	.106	-.016	.073	.076	.153	.125	.073	.020	.023
8	STATURE	.355	.062	.110	.204	.043	.207	.385	.179	.227	.222
9	CERVICALE HEIGHT	.048	.052	.112	.206	.022	.191	.330	.184	.193	.186
10	ACROMIALE HEIGHT	.045	.061	.109	.206	.037	.183	.320	.182	.189	.187
11	SUPRASTERNALE HGT	.026	.045	.103	.197	.012	.194	.340	.164	.204	.200
12	NIPPLE-CHEST HGT	.017	.045	.099	.157	.012	.193	.325	.156	.197	.191
13	WAIST HEIGHT	-.032	.043	.103	.129	-.005	.128	.278	.101	.176	.174
14	ILIOCRISTALE HGT	.035	-.112	-.167	.133	.112	.305	.251	.161	.148	.144
15	TROCHANTERIC HGT	.022	-.048	-.034	.118	.130	.177	.150	.133	.164	.162
16	BUTTOCK HEIGHT	.009	.032	.072	.136	.013	.132	.265	.113	.191	.190
17	GLUTEAL FURROW HGT	-.001	.038	.096	.138	.026	.145	.251	.106	.176	[illegible]
18	CROTCH HEIGHT	.008	.004	.066	.082	-.032	.145	.224	.050	.178	[illegible]
19	RADIALE HEIGHT	.038	.092	.134	.212	.020	.143	.306	.160	.190	.191
20	STYLION HEIGHT	.022	.094	.024	.146	.037	.248	.294	.143	.164	.156
21	DACTYLION HEIGHT	.017	.058	.154	.123	-.036	.073	.236	.082	.158	.160
22	PATELLA HEIGHT TOP	.002	-.058	-.058	.102	.075	.256	.251	.174	.173	.175
23	PATELLA HEIGHT BOT	.064	-.057	-.152	.135	.112	.334	.293	.192	.143	.147
24	CALF HEIGHT	-.059	.030	.031	.079	.045	.116	.180	.157	.181	.185
25	SITTING HEIGHT	.135	-.077	-.129	.138	.134	.329	.373	.164	.187	.179
26	EYE HEIGHT	.136	-.009	-.133	.095	.077	.260	.293	.106	.134	.143
27	MID SHOULDER HGT	.122	-.089	-.122	.130	.112	.266	.241	.178	.136	.139
28	ELBOW REST HEIGHT	.093	-.201	-.195	-.030	.111	.177	.077	.004	.041	.054
29	THIGH CLEARANCE HT	.126	-.181	-.355	.094	.192	.378	.239	.207	.097	.096
30	KNEE HEIGHT	.082	-.132	-.207	.113	.126	.354	.318	.161	.187	.189
31	POPLITEAL HEIGHT	.030	-.186	-.217	.020	.113	.304	.282	.112	.138	.133
32	FUNCTIONAL REACH	.037	.088	.137	.187	-.022	.075	.159	.091	.145	.145
33	ABDOMINAL DEPTH	.116	.142	.037	.251	.063	.134	.091	.287	.112	.114
34	SHOULDER-ELBOW LTH	-.028	.078	.087	.137	.002	.102	.198	.061	.180	.181
35	ELBOW-WRIST LENGTH	.079	-.015	-.072	.135	.091	.264	.218	.197	.186	.170
36	BUTTOCK-KNEE LNGTH	.033	.107	.024	.219	.081	.255	.271	.264	.194	.189
37	BUT-POPLITEAL LGTH	.035	.028	-.089	.146	.096	.277	.215	.197	.120	.112
38	BIACROMIAL BREADTH	.201	-.224	-.373	.132	.141	.303	.155	.171	-.008	-.017
39	BIDELTOID BREADTH	.173	-.002	-.123	.257	.110	.299	.173	.266	.111	.105
40	KNEE-KNEE BREADTH	.105	.118	.060	.155	.091	.146	.246	.168	.167	.165
41	ELBOW-ELBOW BRDTH	.130	.088	.066	.243	.079	.137	.139	.192	.117	.135
42	HIP BREADTH	.131	.115	.170	.289	.074	.195	.272	.221	.178	.180
43	CHEST DEPTH	.149	.188	.133	.303	.079	.134	.131	.261	.141	.133
44	WAIST DEPTH	.142	.163	.067	.275	.091	.153	.109	.241	.130	.106
45	BUTTOCK DEPTH	.133	.099	-.091	.236	.186	.254	.107	.339	.137	.134
46	CHEST BREADTH	.169	.069	.019	.272	.117	.232	.165	.247	.129	.130
47	WAIST BREADTH	.149	.195	.146	.349	.164	.139	.150	.332	.133	.145
48	BI-ILIOCRISTALE	.184	.201	.175	.325	.106	.154	.182	.300	.151	.146
49	BI-TROCHANTERIC BR	.164	.176	.190	.354	.114	.139	.210	.280	.146	.152
50	POSTERIOR NECK LTH	.101	-.124	-.487	.000	.199	.438	.245	.146	-.024	-.043

		121	122	123	124	125	126	127	128	129	130
51	WAIST BACK	.091	.163	.205	.208	.066	.042	.189	.199	.117	.097
52	ANTERIOR NECK LGTH	.027	.056	-.067	-.082	.214	.071	.022	.049	.014	.045
53	WAIST FRONT	.149	.087	.128	.267	.025	.132	.255	.167	.120	.120
54	CROTCH LENGTH	.050	.108	.181	.176	-.030	.120	.196	.187	.181	.176
55	VERTICAL TRUNK CIR	.111	.217	.201	.309	.073	.188	.313	.280	.211	.207
56	NECK CIRC MAX	.162	.162	.169	.304	.057	.159	.213	.339	.188	.186
57	SCYE CIRC	.020	.213	.121	.267	.099	.091	.094	.234	.140	.130
58	BICEPS CIRC EXTND	.149	.072	.012	.256	.118	.219	.127	.286	.151	.140
59	ELBOW CIRC EXTEND	.082	.093	.060	.250	.087	.211	.217	.247	.201	.201
60	LOWER ARM CIRC EXT	.109	.145	.045	.252	.155	.209	.226	.291	.202	.197
61	WRIST CIRC	.117	.179	.125	.304	.145	.178	.224	.308	.211	.196
62	SL-SPINE-SCYE	.090	-.172	-.052	.020	-.049	.183	.197	-.038	.073	.090
63	SL-SPINE-ELBOW	.023	-.058	.047	.116	-.053	.167	.238	.052	.124	.132
64	SL-SPINE-WRIST	.078	.002	.036	.190	.038	.243	.299	.182	.153	.146
65	BICEPS CIRC FLEXED	.116	.138	.100	.221	.063	.183	.190	.229	.169	.158
66	ELBOW CIRC FLEXED	-.022	.274	.221	.116	.031	.006	.042	.135	.080	.068
67	FOREARM CIRC FLEXD	.065	.084	.003	.152	.145	.226	.224	.140	.094	.099
68	SLEEVE INSEAM	-.056	-.151	-.214	-.011	.026	.205	.221	.010	.083	.090
69	DELTOID ARC	-.091	.215	.186	.073	-.051	-.003	.141	-.025	.031	.015
70	SHOULDER LENGTH	.228	-.250	-.411	.090	.190	.326	.129	.153	-.024	-.035
71	SHOULDER CIRC	.120	.189	.220	.305	.016	.134	.228	.258	.149	.154
72	CHEST CIRC	.119	.153	.163	.260	.044	.143	.200	.208	.150	.164
73	WAIST CIRC	.148	.156	.220	.332	.031	.098	.184	.244	.111	.121
74	BUTTOCK CIRC	.126	.151	.170	.322	.063	.193	.284	.271	.185	.188
75	UPPER THIGH CIRC	.096	.111	.106	.241	.073	.141	.208	.265	.155	.153
76	LOWER THIGH CIRC	.111	.031	-.089	.124	.077	.304	.321	.184	.145	.141
77	KNEE CIRC	.095	.143	.081	.293	.102	.213	.270	.275	.208	.211
78	CALF CIRC	.103	.047	.104	.157	.093	.232	.245	.209	.191	.183
79	VERT TRNK CIRC SIT	.107	.230	.262	.301	.060	.107	.251	.239	.189	.192
80	BUTTOCK CIRC SITNG	.164	.099	.097	.352	.108	.192	.243	.287	.161	.169
81	THIGH CIRC SITTING	.083	.145	.146	.225	.085	.151	.223	.188	.159	.157
82	KNEE CIRC SITTING	.152	.121	.154	.255	.103	.216	.245	.269	.180	.173
83	INTERSCYE	.038	.166	.219	.143	-.106	.025	.127	.134	.049	.032
84	INTERSCYE MAX	.146	-.122	.013	.167	-.107	.100	.210	.074	.063	.074
85	HAND CIRC-THUMB	.043	.176	-.072	.163	.194	.292	.297	.223	.161	.146
86	HAND CIRC-META	-.035	.269	.165	.194	.175	.027	.150	.156	.136	.135
87	HAND LENGTH	.062	.134	.132	.222	.066	.228	.311	.131	.179	.181
88	PALM LENGTH	.056	-.003	-.077	.125	.097	.330	.306	.072	.124	.121
89	HAND BRDTH AT THMB	.092	.053	.005	.172	.123	.188	.217	.163	.162	.165
90	HAND BRDTH-META	.056	.188	.091	.229	.152	.151	.235	.176	.182	.176
91	HAND THICK-META	-.013	.236	.227	.120	.066	-.080	-.047	.051	.088	.085
92	WRIST BREADTH	.111	.121	.234	.243	.050	.061	.219	.213	.212	.211
93	ELBOW BREADTH	.026	.127	.333	.132	-.023	-.054	.204	.116	.165	.179
94	HEAD CIRC	.056	.135	.200	.183	.062	.374	.384	.260	.624	.609
95	SAGITTAL ARC	-.097	.116	.453	.028	-.128	-.158	.079	-.036	.316	.323
96	BIT-CORONAL ARC	.107	-.003	.004	.126	-.010	.165	.254	.168	.129	.121
97	BIT-MIN FRONT ARC	-.063	-.024	.166	.117	-.106	.015	.120	.039	.200	.232
98	BIT-SUBNASALE ARC	-.041	-.065	.005	.116	-.062	.188	.272	.146	.228	.254
99	BIT-MENTON ARC	.050	-.038	-.001	.189	-.042	.196	.437	.147	.198	.215
100	BI SUBMANDIBULAR A	.064	-.045	.067	.193	-.077	.087	.308	.092	.170	.194

		121	122	123	124	125	126	127	128	129	130
101	BIT-POSTERIOR ARC	.052	.282	.443	.132	-.019	-.121	.098	.113	.166	.173
102	MIN FRONTAL ARC	.090	-.010	-.091	.042	.124	.248	.129	.072	.106	.087
103	EAR-EAR BREADTH	.101	.080	-.049	.237	.484	.169	.098	.207	.035	.022
104	HEAD BREADTH	.101	.102	-.028	.102	.155	.169	.191	.188	-.022	-.037
105	BIT DIAMETER	.116	.186	.089	.281	.134	.161	.163	.300	.101	.087
106	MAX FRONTAL DIAM	-.105	.084	.033	.118	.080	-.022	.035	.194	.077	.077
107	BIOCULAR DIAMETER	-.010	.226	.192	.031	-.011	.138	.130	.097	.181	.156
108	INTERPUPILLARY DIS	.059	.117	.122	.140	-.029	.143	.124	.165	.153	.142
109	NASAL ROOT BREADTH	.026	.054	-.039	.051	.118	.094	.114	.43	.113	.126
110	INTEROCULAR DIAM	.029	.153	.039	.090	.118	.049	-.010	.164	.154	.135
111	BI-ZYGOMATIC DIAM	.089	-.026	-.301	.115	.202	.364	.219	.141	.015	.003
112	NASAL BREADTH	.082	.213	.235	.243	.080	-.021	.167	.233	.115	.105
113	LIP LENGTH	.089	.277	.276	.182	.019	-.014	.117	.170	.140	.137
114	LIP LENGTH-SMILING	-.025	.250	.204	.111	-.010	.028	.160	.095	.120	.108
115	BIGONIAL DIAMETER	.121	-.034	.091	.134	.006	.044	.082	.127	.062	.058
116	MENTON-NASAL ROOT	.272	.003	.019	.156	-.015	.225	.384	.115	.149	.186
117	SUBNASALE-NAS ROOT	-.016	.043	.035	.174	.053	.080	.135	.114	.000	.034
118	MENTON-SUBNASALE L	.466	.024	.011	.131	.071	.243	.391	.127	.187	.199
119	NOSE PROTRUSION	-.069	.188	.092	.077	.204	-.001	-.069	.058	.055	.045
120	LIP-LIP DISTANCE	-.114	.110	.008	-.060	.080	.113	.099	.024	.140	.134
121	PHILTRUM LENGTH	1.000	-.013	-.083	.136	.077	.229	.197	.220	.106	.094
122	EAR BREADTH	-.013	1.000	.422	.206	.036	-.049	.077	.173	.055	.025
123	EAR LGTH ABOVE TRG	-.083	.422	1.000	.315	-.152	-.313	-.003	-.051	.096	.106
124	EAR LENGTH	.136	.206	.315	1.000	.184	.053	.164	.266	.084	.078
125	EAR PROTRUSION	.077	.036	-.152	.184	1.000	.184	.067	.211	.042	.030
126	HEAD LENGTH	.229	-.049	-.313	.053	.184	1.000	.435	.423	.494	.469
127	MAX HEAD DIAG/MENT	.197	.077	-.003	.164	.067	.475	1.000	.290	.352	.358
128	MAX HEAD DIAG/NUCH	.220	.173	-.051	.266	.211	.423	.290	1.000	.250	.232
129	WALL-GLABELLA DIST	.106	.055	.096	.084	.042	.494	.352	.250	1.000	.936
130	WALL-NAS RT DP DST	.094	.025	.106	.078	.030	.469	.358	.232	.936	1.000
131	WALL-EX CANT DIST	.091	.000	.006	.129	.081	.382	.264	.230	.674	.697
132	WALL-TRAGION DIST	.301	.225	.378	.071	-.040	-.028	.048	.073	.402	.417
133	WALL-PRONASAL DIST	.073	.054	.166	.126	-.002	.325	.343	.261	.617	.691
134	WALL-SUBNASAL DIST	.137	.094	.179	.104	.039	.282	.293	.293	.547	.624
135	WALL-STOMION DIST	.096	.060	.175	.132	.033	.307	.311	.254	.499	.575
136	WALL-MENTON DIST	.031	.092	.207	.153	.002	.144	.233	.213	.310	.389
137	VERTEX-TRAGION HGT	.012	.216	.183	.142	.004	.082	.226	.181	.217	.192
138	VERTEX-EX CANT HGT	-.021	.049	.006	.093	.091	.126	.241	.165	.296	.228
139	VERTEX-GLABELLA HT	-.148	.004	.013	.048	.024	.047	.139	.092	.264	.195
140	VERT-NAS RT DEP HT	-.051	.025	-.054	.043	.078	.145	.206	.115	.207	.206
141	VERT-PRONASAL HGT	-.158	-.047	-.081	.057	.056	.139	.221	.101	.272	.210
142	VERTEX-STOMION HGT	.003	.057	-.029	.091	.082	.102	.295	.153	.338	.273
143	VERTEX-MENTON HGT	.133	-.009	-.159	.122	.097	.328	.399	.188	.325	.273
144	FOOT LENGTH	.118	.015	.053	.227	.106	.246	.360	.243	.186	.191
145	BALL OF FOOT LNGTH	.134	.036	.167	.205	.043	.049	.233	.213	.132	.135
146	BALL OF FOOT BROTH	.135	-.177	-.261	.143	.170	.359	.223	.207	.135	.134
147	MED"L MALLEOLUS HT	-.018	.039	.056	.099	.008	.093	.156	.124	.133	.099
148	LAT"L MALLEOLUS HT	.005	.017	.069	.121	.035	.005	.196	.127	.136	.128
149	BI-MALLEOLUS BROTH	.093	-.013	-.107	.140	.082	.186	.307	.162	.152	.160
150	ANKLE CIRC	.101	.078	.051	.205	.132	.186	.241	.239	.194	.194

		121	122	123	124	125	126	127	128	129	130
151	HEEL-ANKLE CIRC	.094	.156	.106	.228	.174	.187	.289	.272	.259	.253
152	INSTEP CIRC	.069	.262	.264	.155	.074	.078	.239	.107	.210	.195
153	BALL OF FOOT GIRTH	.058	.121	-.022	.158	.180	.242	.314	.212	.197	.192
154	GRIP	.016	.008	.103	.125	-.071	.013	.214	.040	.047	.059

		131	132	133	134	135	136	137	138	139	140
1	HEIGHT	.218	.107	.323	.314	.324	.359	.154	.029	-.028	.003
2	SUB SCAPULAR	.023	-.054	.056	.067	.065	.127	.048	-.015	-.059	-.029
3	TRICEPS	-.006	-.070	.053	.044	.054	.083	.060	.015	-.026	.010
4	JUXTA NIPPLE	.017	-.070	.033	.032	.045	.128	-.001	-.062	-.117	-.071
5	MAL-XIPHOID	.022	-.104	.015	.020	.035	.109	-.008	-.039	-.098	-.041
6	SUPRA-ILIAC	-.013	-.084	.069	.027	.062	.109	-.031	-.045	-.094	-.059
7	DORSAL HAND	-.025	-.113	.061	.020	.039	.031	.043	.035	-.028	.023
8	STATURE	.172	.113	.285	.263	.281	.242	.234	.110	.060	.089
9	CERVICALE HEIGHT	.154	.097	.269	.246	.264	.236	.189	.060	.019	.039
10	ACROMIALE HEIGHT	.171	.128	.265	.253	.275	.269	.160	.035	-.004	.027
11	SUPRASTERNALE HGT	.172	.096	.276	.252	.272	.253	.193	.072	.025	.052
12	NIPPLE-CHEST HGT	.164	.113	.261	.245	.270	.244	.172	.059	.017	.048
13	WAIST HEIGHT	.148	.128	.249	.228	.255	.223	.146	.031	.006	.023
14	ILIOCRISTALE HGT	.193	-.089	.193	.174	.219	.166	.059	.016	-.021	.042
15	TROCHANTERIC HGT	.174	.109	.185	.177	.223	.193	.031	-.014	-.017	.004
16	BUTTOCK HEIGHT	.162	.122	.267	.231	.253	.218	.125	.018	-.012	.004
17	GLUTEAL FURROW HGT	.159	.147	.249	.238	.266	.234	.126	.004	-.016	-.007
18	CROTCH HEIGHT	.142	.178	.234	.195	.238	.216	.067	-.035	-.038	-.024
19	RADIALE HEIGHT	.160	.108	.252	.246	.255	.241	.209	.068	.021	.041
20	STYLION HEIGHT	.134	.047	.198	.184	.216	.202	.137	.040	.006	.061
21	DACTYLION HEIGHT	.126	.179	.220	.212	.234	.244	.076	-.013	-.002	.006
22	PATELLA HEIGHT TOP	.140	.025	.234	.208	.248	.221	.040	-.007	-.016	.011
23	PATELLA HEIGHT BOT	.173	-.182	.206	.198	.218	.152	.149	.066	-.004	.049
24	CALF HEIGHT	.150	.029	.270	.234	.240	.216	.117	.079	.055	.060
25	SITTING HEIGHT	.156	-.091	.192	.168	.188	.112	.185	.163	.112	.172
26	EYE HEIGHT	.130	-.067	.208	.180	.212	.154	.064	-.000	-.028	.022
27	MID SHOULDER HGT	.183	-.047	.169	.175	.192	.171	.064	.045	.011	.074
28	ELBOW REST HEIGHT	.060	-.069	.029	.031	.059	.047	-.106	-.029	-.016	.034
29	THIGH CLEARANCE HT	.146	-.322	.109	.092	.133	.081	.053	.046	-.028	.064
30	KNEE HEIGHT	.201	-.118	.243	.202	.245	.174	.073	.028	-.025	.038
31	POPLITEAL HEIGHT	.150	-.133	.170	.139	.189	.113	.033	.001	-.055	.006
32	FUNCTIONAL REACH	.188	.112	.212	.221	.202	.166	.211	.065	.019	.026
33	ABDOMINAL DEPTH	.132	.061	.101	.133	.103	.156	.063	.040	.005	.021
34	SHOULDER-ELBOW LTH	.092	.048	.235	.145	.155	.145	.170	.051	-.006	.022
35	ELBOW-WRIST LENGTH	.121	-.030	.193	.150	.168	.125	.141	.076	.007	.069
36	BUTTOCK-KNEE LNGTH	.192	.063	.252	.243	.266	.241	.180	.051	-.027	.022
37	BUT-POPLITEAL LGTH	.121	-.012	.152	.136	.170	.149	.096	-.008	-.047	-.001
38	BIACROMIAL BREADTH	.148	-.307	-.020	.042	.052	-.003	-.024	.024	.017	.062
39	BIDELTOID BREADTH	.171	-.117	.110	.136	.140	.142	.087	.019	-.027	.036
40	KNEE-KNEE BREADTH	.101	.100	.163	.179	.171	.140	.133	.089	.049	.089
41	ELBOW-ELBOW BRDTH	.132	.059	.162	.151	.141	.181	.099	.017	-.039	-.013
42	HIP BREADTH	.148	.032	.233	.222	.206	.220	.219	.080	.001	.031
43	CHEST DEPTH	.164	.093	.195	.216	.198	.248	.121	-.003	-.084	-.058
44	WAIST DEPTH	.135	.081	.113	.128	.109	.166	.057	.011	-.041	-.017
45	BUTTOCK DEPTH	.160	.001	.103	.115	.110	.129	.098	.090	.032	.087
46	CHEST BREADTH	.161	-.020	.125	.161	.150	.154	.173	.048	-.017	.012
47	WAIST BREADTH	.147	.098	.171	.208	.177	.274	.180	.075	.007	.013
48	BI-ILIOCRISTALE	.103	.128	.198	.201	.187	.254	.104	.005	-.044	-.031
49	BI-TROCHANTERIC BR	.175	.160	.229	.221	.203	.269	.132	.004	-.048	-.033
50	POSTERIOR NECK LTH	.019	-.443	-.106	-.118	-.077	-.153	.032	.097	.006	.125

		131	132	133	134	135	136	137	138	139	140
51	WAIST BACK	.083	.118	.140	.200	.184	.172	.179	.081	.055	.045
52	ANTERIOR NECK LGTH	-.011	.070	-.019	.004	.028	-.012	-.030	.001	.016	.028
53	WAIST FRONT	.114	.026	.144	.132	.105	.143	.171	.096	.026	.055
54	CROTCH LENGTH	.124	.188	.199	.180	.190	.239	.078	.035	.014	.029
55	VERTICAL TRUNK CIR	.166	.143	.282	.257	.255	.288	.203	.100	.017	.057
56	NECK CIRC MAX	.189	.123	.212	.258	.251	.299	.144	.027	-.000	.008
57	SCYE CIRC	.135	.132	.144	.140	.140	.198	.111	.048	-.004	.031
58	BICEPS CIRC EXTND	.181	.050	.137	.166	.164	.223	.053	.007	-.022	.019
59	ELBOW CIRC EXTEND	.211	.059	.244	.238	.232	.266	.100	.039	-.003	.039
60	LOWER ARM CIRC EXT	.232	.031	.211	.236	.224	.241	.142	.096	.030	.079
61	WRIST CIRC	.189	.087	.212	.234	.203	.228	.162	.105	.054	.084
62	SL-SPINE-SCYE	.049	-.037	.086	.023	.069	.060	-.078	-.052	-.053	-.021
63	SL-SPINE-ELBOW	.078	-.032	.176	.121	.139	.138	.103	.008	-.020	.002
64	SL-SPINE-WRIST	.123	-.005	.193	.162	.191	.169	.129	.024	-.034	.012
65	BICEPS CIRC FLEXED	.148	.076	.161	.160	.166	.219	.093	.023	-.027	.015
66	ELBOW CIRC FLEXED	.018	.215	.100	.090	.094	.156	.084	-.003	-.032	-.008
67	FOREARM CIRC FLEXD	.154	-.043	.127	.175	.181	.200	.073	-.018	-.089	-.018
68	SLEEVE INSEAM	.102	-.174	.171	.085	.140	.119	-.050	-.039	-.094	-.018
69	DELTOID ARC	-.064	.039	.048	-.014	-.002	-.010	.153	.042	-.042	.015
70	SHOULDER LENGTH	.116	-.307	-.045	-.001	.017	-.025	-.108	-.025	-.024	-.008
71	SHOULDER CIRC	.160	.113	.192	.238	.220	.271	.177	.039	-.007	-.003
72	CHEST CIRC	.126	.095	.240	.204	.200	.257	.111	-.018	-.098	-.066
73	WAIST CIRC	.113	.113	.182	.199	.181	.266	.078	-.020	-.058	-.071
74	BUTTOCK CIRC	.146	.075	.258	.247	.250	.290	.145	.039	-.020	.003
75	UPPER THIGH CIRC	.144	.062	.170	.211	.205	.218	.166	.086	.046	.062
76	LOWER THIGH CIRC	.083	-.088	.162	.097	.140	.128	.077	.034	-.064	.032
77	KNEE CIRC	.188	.062	.258	.252	.240	.255	.164	.094	.036	.078
78	CALF CIRC	.142	.039	.184	.171	.183	.170	.108	.086	.045	.081
79	VERT TRNK CIRC SIT	.146	.211	.221	.244	.226	.269	.218	.103	.051	.065
80	BUTTOCK CIRC SITNG	.188	.042	.236	.240	.236	.281	.125	.034	-.021	.005
81	THIGH CIRC SITTING	.135	.068	.181	.210	.211	.207	.164	.074	.040	.065
82	KNEE CIRC SITTING	.190	.078	.208	.221	.212	.226	.168	.085	.028	.079
83	INTERSCYE	-.004	.138	.074	.064	.070	.130	.091	-.000	-.011	-.010
84	INTERSCYE MAX	.093	.008	.085	.098	.099	.102	.032	-.016	.013	.020
85	HAND CIRC-THUMB	.141	-.109	.176	.139	.155	.133	.170	.122	.004	.095
86	HAND CIRC-META	.107	.063	.149	.144	.119	.128	.230	.147	.069	.104
87	HAND LENGTH	.105	.047	.202	.176	.176	.144	.196	.086	.009	.049
88	PALM LENGTH	.069	-.104	.138	.072	.102	.046	.065	.045	-.034	.042
89	HAND BRDTH AT THMB	.160	-.050	.181	.187	.175	.164	.155	.118	.048	.090
90	HAND BRDTH-META	.140	.036	.207	.190	.175	.177	.179	.118	.038	.083
91	HAND THICK-META	.105	.256	.096	.112	.111	.135	.053	.004	-.005	.014
92	WRIST BREADTH	.165	.179	.275	.230	.214	.248	.135	.058	.002	.004
93	ELBOW BREADTH	.095	.255	.222	.189	.187	.245	.091	.029	-.001	-.032
94	HEAD CIRC	.433	.299	.497	.441	.413	.328	.299	.257	.199	.213
95	SAGITTAL ARC	.138	.492	.267	.236	.210	.229	.141	.140	.225	.145
96	BIT-CORONAL ARC	.139	-.096	.058	.094	.068	.049	.454	.292	.266	.277
97	BIT-MIN FRONT ARC	.165	-.096	.264	.198	.160	.174	.282	.106	.053	.058
98	BIT-SUBNASALE ARC	.173	-.166	.319	.240	.247	.198	.100	.061	-.000	.038
99	BIT-MENTON ARC	.170	-.124	.265	.211	.236	.252	.060	.061	-.011	.031
100	BI SUBMANDIBULAR A	.126	-.039	.232	.179	.195	.227	-.005	.028	.001	.015

		131	132	133	134	135	136	137	138	139	140
101	BIT-POSTERIOR ARC	.060	.494	.206	.203	.181	.237	.014	-.022	.025	-.042
102	MIN FRONTAL ARC	.001	-.167	.048	-.027	.006	-.056	.131	.088	-.028	.056
103	EAR-EAR BREADTH	.100	.008	-.005	.031	.024	.037	.137	.076	.041	.080
104	HEAD BREADTH	.008	-.076	-.035	-.033	-.035	.022	.129	.093	.044	.090
105	BIT DIAMETER	.076	.056	.111	.113	.114	.166	.031	.025	-.006	.023
106	MAX FRONTAL DIAM	.073	-.047	.110	.085	.065	.110	.099	.148	.089	.114
107	BIOCULAR DIAMETER	-.003	.122	.160	.102	.129	.131	.063	.009	-.073	-.025
108	INTERPUPILLARY DIS	.113	.043	.176	.193	.161	.160	.178	.034	-.026	-.030
109	NASAL ROOT BREADTH	.129	.039	.107	.120	.116	.123	.005	.037	.034	.039
110	INTEROCULAR DIAM	.111	.119	.129	.159	.128	.133	.090	.051	.024	.028
111	BI-ZYGOMATIC DIAM	.067	-.289	-.000	-.006	.028	.002	.042	.046	-.033	.073
112	NASAL BREADTH	.109	.152	.103	.180	.143	.164	.133	.115	.089	.076
113	LIP LENGTH	.070	.145	.191	.188	.178	.233	.139	.039	.014	-.019
114	LIP LENGTH-SMILING	.032	.087	.144	.107	.111	.146	.133	.052	-.005	.026
115	BIGONIAL DIAMETER	.043	.183	.063	.123	.136	.209	-.100	-.114	-.042	-.060
116	MENTON-NASAL ROOT	.131	-.020	.248	.151	.150	.043	.130	.008	-.055	-.048
117	SUBNASALE-NAS ROOT	.043	-.098	.161	.056	.022	-.001	.109	.014	-.042	-.050
118	MENTON-SUBNASALE L	.136	.051	.197	.171	.194	.023	.064	-.003	-.067	-.044
119	NOSE PROTRUSION	.038	.170	.072	.026	.029	.034	-.046	-.047	-.052	-.010
120	LIP-LIP DISTANCE	.094	.077	.100	.105	.153	-.044	.056	.076	.047	.084
121	PHILTRUM LENGTH	.091	.001	.078	.103	.096	.031	.012	-.021	-.048	-.051
122	EAR BREADTH	.008	.226	.055	.094	.060	.092	.216	.089	.004	.025
123	EAR LGTH ABOVE TRG	.008	.378	.166	.179	.135	.207	.183	.006	.018	-.054
124	EAR LENGTH	.129	.071	.126	.164	.132	.153	.142	.093	.048	.043
125	EAR PROTRUSION	.081	-.040	-.002	.039	.033	.002	.008	.091	.024	.078
126	HEAD LENGTH	.382	-.028	.325	.242	.307	.144	.042	.126	.047	.145
127	MAX HEAD DIAG/MENT	.254	.048	.343	.293	.311	.233	.226	.241	.139	.206
128	MAX HEAD DIAG/NUCH	.230	.073	.261	.293	.254	.213	.181	.165	.092	.115
129	WALL-GLABELLA DIST	.674	.402	.617	.547	.499	.310	.213	.296	.264	.287
130	WALL-NAS RT DP DST	.697	.417	.691	.624	.575	.389	.192	.228	.195	.206
131	WALL-EX CANT DIST	1.000	.501	.602	.611	.585	.429	.126	.077	.033	.060
132	WALL-TRAGION DIST	.501	1.000	.433	.460	.438	.422	-.014	-.101	-.070	-.107
133	WALL-PRONASAL DIST	.602	.433	1.000	.872	.851	.717	.057	-.150	-.209	-.212
134	WALL-SUBNASAL DIST	.611	.460	.872	1.000	.938	.808	.073	-.196	-.239	-.263
135	WALL-STOMION DIST	.585	.438	.851	.938	1.000	.850	.000	-.269	-.319	-.325
136	WALL-MENTON DIST	.429	.422	.717	.808	.850	1.000	-.060	-.388	-.426	-.457
137	VERTEX-TRAGION HGT	.126	-.014	.057	.073	.000	-.060	1.000	.680	.543	.534
138	VERTEX-EX CANT HGT	.077	-.101	-.150	-.196	-.269	-.388	.680	1.000	.888	.898
139	VERTEX-GLABELLA HT	.033	-.070	-.209	-.239	-.319	-.426	.543	.888	1.000	.914
140	VERT-NAS RT DEP HT	.060	-.107	-.212	-.263	-.325	-.457	.534	.898	.914	1.000
141	VERT-PRONASAL HGT	.078	-.157	-.196	-.287	-.354	-.482	.476	.854	.860	.904
142	VERTEX-STOMION HGT	.114	-.102	-.114	-.201	-.271	-.452	.537	.869	.850	.906
143	VERTEX-MENTON HGT	.145	-.192	-.051	-.141	-.187	-.371	.515	.766	.703	.779
144	FOOT LENGTH	.165	.027	.261	.245	.251	.220	.153	.063	.005	.043
145	BALL OF FOOT LNGTH	.141	.211	.174	.222	.205	.201	.086	.034	.058	.033
146	BALL OF FOOT BRDTH	.233	-.096	.118	.127	.160	.107	-.018	.003	-.031	.044
147	MED"L MALLEOLUS HT	.095	.044	.125	.128	.102	.114	.096	.052	.026	.034
148	LAT"L MALLEOLUS HT	.140	.018	.156	.172	.150	.144	.160	.097	.064	.059
149	BI-MALLEOLUS BRDTH	.163	-.077	.239	.189	.204	.181	.105	.082	.018	.061
150	ANKLE CIRC	.153	.091	.208	.204	.203	.193	.120	.102	.062	.081

		131	132	133	134	135	136	137	138	139	140
151	HEEL-ANKLE CIRC	.228	.193	.273	.268	.266	.252	.153	.126	.100	.105
152	INSTEP CIRC	.108	.197	.226	.206	.189	.146	.216	.106	.024	.032
153	BALL OF FOOT GIRTH	.175	-.019	.219	.199	.207	.153	.179	.114	.011	.080
154	GRIP	.052	.026	.119	.120	.112	.108	.139	.036	.005	.005

		141	142	143	144	145	146	147	148	149	150
1	WEIGHT	-.003	.057	.116	.485	.398	.352	.288	.266	.372	.579
2	SUB SCAPULAR	-.030	-.024	.023	.061	.011	.021	.052	.048	.015	.203
3	TRICEPS	-.004	.012	.060	.094	-.016	.015	.058	.053	.010	.203
4	JUXTA NIPPLE	-.069	-.062	-.020	.032	-.057	.041	.045	.045	.017	.148
5	MAL-XIPHOID	-.053	-.041	.008	.052	-.050	.089	.065	.065	.027	.174
6	SUPRA-ILIAC	-.055	-.045	.006	.038	-.067	.024	.106	.094	.020	.158
7	DORSAL HAND	.006	.019	.076	.064	-.054	.011	.065	.015	.038	.165
8	STATURE	.057	.122	.175	.675	.550	.338	.317	.432	.445	.312
9	CERVICALE HEIGHT	.011	.068	.118	.664	.530	.318	.333	.439	.426	.293
10	ACROMIALE HEIGHT	-.010	.046	.092	.654	.558	.354	.317	.438	.421	.291
11	SUPRASTERNALE HGT	.020	.076	.127	.655	.525	.332	.308	.436	.443	.295
12	NIPPLE-CHEST HGT	.009	.065	.110	.636	.528	.326	.272	.406	.410	.271
13	WAIST HEIGHT	-.013	.037	.081	.607	.504	.314	.269	.405	.389	.242
14	ILIOCRISTALE HGT	.030	.052	.163	.573	.367	.464	.166	.341	.392	.178
15	TROCHANTERIC HGT	-.011	.015	.058	.506	.427	.369	.120	.259	.252	.208
16	BUTTOCK HEIGHT	-.034	.029	.088	.585	.477	.275	.196	.381	.333	.208
17	GLUTEAL FURROW HGT	-.044	.011	.052	.597	.499	.262	.218	.395	.319	.197
18	CROTCH HEIGHT	-.059	-.008	.028	.537	.472	.292	.205	.333	.281	.169
19	RADIALE HEIGHT	.011	.068	.110	.598	.498	.269	.312	.427	.408	.283
20	STYLION HEIGHT	.010	.072	.127	.523	.404	.351	.303	.372	.383	.270
21	DACTYLION HEIGHT	-.038	.013	-.001	.401	.417	.220	.251	.331	.323	.230
22	PATELLA HEIGHT TOP	-.006	.022	.108	.532	.380	.365	.206	.340	.357	.213
23	PATELLA HEIGHT BOT	.039	.069	.197	.539	.278	.354	.205	.376	.408	.195
24	CALF HEIGHT	.031	.067	.078	.441	.272	.174	.213	.346	.341	.100
25	SITTING HEIGHT	.166	.200	.277	.495	.318	.400	.245	.275	.415	.259
26	EYE HEIGHT	.033	.059	.151	.468	.310	.391	.208	.236	.403	.210
27	MID SHOULDER HGT	.060	.077	.116	.423	.324	.396	.191	.260	.377	.174
28	ELBOW REST HEIGHT	.045	.019	.020	.078	.042	.230	.054	.020	.152	.093
29	THIGH CLEARANCE HT	.074	.072	.230	.366	.105	.479	.124	.212	.339	.251
30	KNEE HEIGHT	.031	.064	.189	.585	.336	.468	.235	.374	.458	.281
31	POPLITEAL HEIGHT	.011	.030	.136	.492	.264	.422	.203	.339	.368	.112
32	FUNCTIONAL REACH	.003	.058	.100	.441	.353	.165	.186	.281	.236	.185
33	ABDOMINAL DEPTH	.014	.039	.055	.094	.051	.114	.064	.042	.050	.243
34	SHOULDER-ELBOW LTH	.034	.066	.157	.413	.243	.122	.167	.235	.219	.182
35	ELBOW-WRIST LENGTH	.051	.084	.201	.455	.252	.299	.179	.225	.226	.225
36	BUTTOCK-KNEE LNGTH	-.011	.054	.131	.586	.442	.350	.256	.345	.364	.325
37	BUT-POPLITEAL LGTH	-.007	.019	.140	.443	.318	.341	.185	.250	.200	.225
38	BIACROMIAL BREADTH	.090	.063	.178	.222	.129	.414	.057	.118	.223	.114
39	BIDELTOID BREADTH	.052	.069	.193	.267	.169	.366	.119	.110	.212	.332
40	KNEE-KNEE BREADTH	.054	.108	.120	.300	.302	.222	.185	.142	.327	.498
41	ELBOW-ELBOW BRDTH	-.009	.020	.082	.152	.095	.126	.105	.043	.109	.372
42	HIP BREADTH	.024	.075	.105	.351	.229	.175	.239	.233	.289	.412
43	CHEST DEPTH	-.057	-.003	.048	.200	.140	.111	.081	.111	.107	.341
44	WAIST DEPTH	-.003	.027	.055	.110	.104	.119	.045	.037	.018	.279
45	BUTTOCK DEPTH	.082	.100	.158	.152	.054	.236	.055	.016	.065	.386
46	CHEST BREADTH	.029	.048	.153	.225	.147	.210	.018	.025	.136	.299
47	WAIST BREADTH	.011	.056	.075	.283	.254	.163	.118	.105	.151	.410
48	BI-ILIOCRISTALE	-.064	.014	.009	.394	.377	.205	.236	.196	.248	.374
49	BI-TROCHANTERIC BR	-.035	.017	.050	.452	.394	.239	.264	.232	.326	.441
50	POSTERIOR NECK LTH	.125	.119	.285	.178	-.044	.379	.042	.082	.194	.040

		141	142	143	144	145	146	147	148	149	150
51	WAIST BACK	.016	.064	.020	.368	.351	.097	.243	.234	.226	.227
52	ANTERIOR NECK LGTH	-.004	.018	-.026	.108	.105	.067	-.038	-.027	.015	.032
53	WAIST FRONT	.065	.093	.115	.297	.225	.120	.150	.178	.235	.244
54	CROTCH LENGTH	.008	.051	.031	.202	.224	.150	.202	.128	.166	.372
55	VERTICAL TRUNK CIR	.024	.092	.100	.389	.325	.192	.249	.223	.291	.460
56	NECK CIRC MAX	-.005	.044	.075	.230	.246	.189	.139	.108	.173	.367
57	SCYE CIRC	.019	.060	.094	.171	.139	.125	.112	.059	.100	.340
58	BICEPS CIRC EXTND	.007	.027	.091	.149	.141	.271	.123	.072	.129	.455
59	ELBOW CIRC EXTEND	.024	.062	.117	.312	.240	.308	.257	.208	.300	.503
60	LOWER ARM CIRC EXT	.054	.103	.136	.279	.213	.287	.183	.156	.327	.509
61	WRIST CIRC	.060	.113	.151	.374	.309	.339	.255	.201	.366	.579
62	SL-SPINE-SCYE	.027	.010	.084	.130	.053	.212	.047	.043	.184	.084
63	SL-SPINE-ELBOW	.030	.043	.142	.388	.233	.221	.197	.199	.286	.232
64	SL-SPINE-WRIST	.020	.041	.140	.534	.364	.338	.237	.283	.361	.256
65	BICEPS CIRC FLEXED	-.014	.030	.064	.166	.138	.203	.148	.086	.140	.446
66	ELBOW CIRC FLEXED	-.068	-.021	-.043	.138	.140	.049	.082	.030	-.001	.272
67	FOREARM CIRC FLEXD	-.029	.004	.053	.242	.129	.313	.177	.120	.318	.360
68	SLEEVE INSEAM	-.019	-.007	.113	.410	.149	.298	.160	.255	.332	.055
69	DELTOID ARC	-.009	.049	.090	.163	.107	.017	.026	.043	.095	.119
70	SHOULDER LENGTH	.038	-.009	.126	.158	.065	.351	.069	.075	.123	.107
71	SHOULDER CIRC	-.025	.034	.058	.272	.281	.169	.213	.151	.205	.428
72	CHEST CIRC	-.071	-.011	.034	.237	.162	.099	.116	.095	.132	.371
73	WAIST CIRC	-.056	-.016	-.025	.223	.236	.088	.137	.110	.133	.345
74	BUTTOCK CIRC	.001	.051	.084	.394	.304	.227	.270	.232	.297	.506
75	UPPER THIGH CIRC	.043	.078	.098	.259	.250	.215	.157	.144	.224	.506
76	LOWER THIGH CIRC	.025	.071	.187	.224	.080	.284	.173	.107	.294	.499
77	KNEE CIRC	.061	.119	.172	.379	.322	.321	.286	.261	.376	.606
78	CALF CIRC	.071	.117	.171	.267	.216	.345	.191	.109	.296	.657
79	VERT TRNK CIRC SIT	.025	.094	.081	.404	.408	.164	.253	.239	.271	.428
80	BUTTOCK CIRC SITNG	.001	.045	.086	.353	.290	.256	.201	.181	.251	.473
81	THIGH CIRC SITTING	.040	.080	.082	.283	.230	.222	.164	.135	.247	.509
82	KNEE CIRC SITTING	.041	.101	.149	.421	.385	.387	.250	.271	.358	.541
83	INTERSCYE	-.032	.016	-.008	.096	.137	.044	.127	-.006	.053	.178
84	INTERSCYE MAX	.032	.039	.089	.196	.251	.199	.101	.081	.177	.155
85	HAND CIRC-THUMB	.063	.127	.227	.404	.179	.415	.223	.178	.398	.437
86	HAND CIRC-META	.061	.129	.128	.278	.183	.190	.168	.143	.253	.390
87	HAND LENGTH	.041	.093	.161	.653	.454	.302	.221	.283	.327	.292
88	PALM LENGTH	.059	.084	.215	.479	.241	.325	.139	.162	.237	.242
89	HAND BRDTH AT THMB	.080	.113	.192	.405	.274	.404	.184	.213	.402	.373
90	HAND BRDTH-META	.062	.121	.165	.412	.267	.377	.219	.209	.388	.411
91	HAND THICK-META	-.018	.004	-.065	.088	.129	.072	-.016	.001	.036	.168
92	WRIST BREADTH	.008	.051	.070	.373	.290	.197	.274	.239	.423	.446
93	ELBOW BREADTH	-.034	.005	-.054	.265	.299	.009	.236	.190	.245	.316
94	HEAD CIRC	.237	.289	.289	.219	.176	.139	.107	.112	.210	.319
95	SAGITTAL ARC	.120	.143	.007	.007	.162	-.160	.065	.013	-.009	.114
96	BIT-CORONAL ARC	.269	.267	.339	.138	.065	.155	.048	.083	.138	.105
97	BIT-MIN FRONT ARC	.128	.107	.160	.102	-.051	.016	.052	.099	.175	.113
98	BIT-SUBNASALE ARC	.091	.100	.169	.193	.001	.112	.122	.142	.301	.175
99	BIT-MENTON ARC	.084	.099	.211	.257	.121	.161	.158	.176	.336	.210
100	BI SUBMANDIBULAR A	.072	.088	.127	.223	.169	.116	.171	.184	.303	.196

		141	142	143	144	145	146	147	148	149	150
101	BIT-POSTERIOR ARC	-.077	-.024	-.138	.053	.265	-.174	.062	.007	-.001	.203
102	MIN FRONTAL ARC	.074	.087	.172	.076	-.132	.044	-.082	-.056	.097	.075
103	EAR-EAR BREADTH	.082	.093	.141	.152	.147	.218	.041	.046	.149	.221
104	HEAD BREADTH	.100	.096	.103	.124	.089	.141	.040	-.009	.176	.148
105	BIT DIAMETER	.013	.039	.045	.189	.185	.162	.101	.065	.160	.283
106	MAX FRONTAL DIAM	.099	.107	.140	.043	-.044	.016	.037	.056	.156	.114
107	BIOCULAR DIAMETER	-.078	.008	.014	.102	.015	-.002	-.005	-.049	-.019	.136
108	INTERPUPILLARY DIS	-.012	.019	.035	.171	.133	.063	.128	.119	.130	.107
109	NASAL ROOT BREADTH	.009	.018	-.030	.077	.015	.114	.114	.036	.159	.117
110	INTEROCULAR DIAM	-.017	.032	.010	.076	.104	.062	.010	-.000	.067	.143
111	BI-ZYGOMATIC DIAM	.074	.082	.244	.178	-.025	.276	.039	-.011	.181	.168
112	NASAL BREADTH	.059	.071	.035	.139	.234	.033	.028	.065	.062	.191
113	LIP LENGTH	-.010	.018	-.002	.143	.148	-.050	.089	.071	.021	.128
114	LIP LENGTH-SMILING	.019	.052	.064	.104	.089	-.009	.126	.090	.041	.124
115	BIGONIAL DIAMETER	-.063	-.062	-.093	.114	.280	.183	.041	-.001	.051	.176
116	MENTON-NASAL ROOT	.073	.143	.359	.217	.105	.164	.048	.054	.132	.152
117	SUBNASALE-NAS ROOT	.161	.096	.191	.104	-.009	.047	-.010	.009	.063	.120
118	MENTON-SUBNASALE L	-.036	.097	.272	.200	.138	.134	.010	.034	.112	.154
119	NOSE PROTRUSION	-.023	.015	-.021	.011	.029	.104	-.091	-.113	-.103	.120
120	LIP-LIP DISTANCE	.029	.117	.125	.070	.034	.050	-.021	-.006	.036	.016
121	PHILTRUM LENGTH	-.058	.063	.138	.118	.134	.135	-.018	.005	.063	.101
122	EAR BREADTH	-.047	.057	-.009	.065	.096	-.127	.033	.017	-.023	.078
123	EAR LGTH ABOVE TRG	-.061	-.029	-.159	.053	.167	-.261	.055	.068	-.007	.051
124	EAR LENGTH	.057	.091	.122	.227	.205	.143	.099	.121	.140	.205
125	EAR PROTRUSION	.056	.082	.097	.106	.043	.170	.009	.038	.082	.182
126	HEAD LENGTH	.139	.192	.224	.246	.049	.359	.093	.065	.186	.186
127	MAX HEAD DIAG/MENT	.221	.295	.399	.360	.233	.253	.156	.186	.307	.241
128	MAX HEAD DIAG/NUCH	.101	.153	.188	.243	.213	.207	.124	.127	.162	.239
129	WALL-GLABELLA DIST	.272	.338	.325	.186	.132	.135	.103	.136	.162	.194
130	WALL-NAS RT DP DST	.210	.273	.273	.191	.135	.134	.099	.128	.180	.194
131	WALL-EX CANT DIST	.078	.114	.145	.165	.141	.233	.095	.140	.168	.153
132	WALL-TRAGION DIST	-.157	-.102	-.192	.027	.211	-.096	.044	.018	-.077	.091
133	WALL-PRONASAL DIST	-.196	-.114	-.151	.261	.174	.118	.125	.156	.238	.208
134	WALL-SUBNASAL DIST	-.287	-.201	-.141	.245	.222	.127	.128	.172	.189	.204
135	WALL-STOMION DIST	-.354	-.271	-.187	.251	.205	.160	.102	.150	.204	.203
136	WALL-MENTON DIST	-.482	-.452	-.371	.220	.201	.107	.114	.144	.181	.193
137	VERTEX-TRAGION HGT	.476	.537	.515	.153	.086	-.018	.096	.160	.105	.120
138	VERTEX-EX CANT HGT	.854	.869	.766	.063	.034	.003	.052	.097	.082	.102
139	VERTEX-GLABELLA HT	.960	.850	.703	.005	.058	-.031	.026	.064	.018	.062
140	VERT-NAS RT DEP HT	.904	.906	.779	.043	.033	.044	.034	.059	.061	.081
141	VERT-PRONASAL HGT	1.000	.924	.818	.037	.012	.063	.017	.037	.083	.062
142	VERTEX-STOMION HGT	.924	1.000	.881	.090	.061	.078	.056	.074	.111	.108
143	VERTEX-MENTON HGT	.818	.881	1.000	.165	.048	.202	.071	.095	.158	.140
144	FOOT LENGTH	.037	.090	.165	1.000	.746	.434	.229	.335	.507	.348
145	BALL OF FOOT LNGTH	.012	.061	.048	.746	1.000	.340	.143	.240	.340	.326
146	BALL OF FOOT BRDTH	.063	.078	.202	.434	.340	1.000	.220	.197	.427	.349
147	MED"L MALLEOLUS HT	.017	.056	.071	.229	.143	.220	1.000	.442	.261	.271
148	LAT"L MALLEOLUS HT	.037	.074	.095	.335	.240	.197	.442	1.000	.250	.192
149	BI-MALLEOLUS BRDTH	.083	.111	.158	.507	.340	.427	.261	.250	1.000	.371
150	ANKLE CIRC	.062	.108	.140	.348	.326	.349	.271	.192	.371	1.000

		141	142	143	144	145	146	147	148	149	150
151	HEEL-ANKLE CIRC	.084	.155	.173	.599	.525	.456	.320	.321	.451	.630
152	INSTEP CIRC	-.008	.096	.052	.361	.331	.145	.230	.222	.277	.419
153	BALL OF FOOT GIRTH	.064	.136	.215	.497	.279	.556	.308	.281	.437	.495
154	GRIP	.014	.033	.072	.464	.426	.186	.152	.226	.251	.085

		151	152	153	154
1	WEIGHT	.579	.419	.476	.205
2	SUB SCAPULAR	.125	.026	.105	-.036
3	TRICEPS	.122	.059	.137	-.031
4	JUXTA NIPPLE	.077	-.039	.082	-.062
5	MAL-XIPHOID	.104	-.037	.120	-.059
6	SUPRA-ILIAC	.086	.026	.100	-.042
7	DORSAL HAND	.114	.038	.162	-.050
8	STATURE	.540	.387	.432	.464
9	CERVICALE HEIGHT	.520	.368	.408	.446
10	ACROMIALE HEIGHT	.519	.342	.307	.457
11	SUPRASTERNALE HGT	.325	.368	.420	.458
12	NIPPLE-CHEST HGT	.509	.345	.381	.443
13	WAIST HEIGHT	.487	.313	.362	.442
14	ILIOCRISTALE HGT	.410	.123	.355	.316
15	TROCHANTERIC HGT	.450	.202	.265	.255
16	BUTTOCK HEIGHT	.466	.315	.349	.406
17	GLUTEAL FURROW HGT	.460	.316	.313	.423
18	CROTCH HEIGHT	.409	.262	.251	.378
19	RADIALE HEIGHT	.475	.369	.381	.418
20	STYLION HEIGHT	.447	.242	.356	.299
21	DACTYLION HEIGHT	.378	.263	.220	.248
22	PATELLA HEIGHT TOP	.433	.137	.288	.280
23	PATELLA HEIGHT BOT	.383	.175	.372	.298
24	CALF HEIGHT	.330	.174	.242	.236
25	SITTING HEIGHT	.365	.196	.383	.261
26	EYE HEIGHT	.323	.141	.333	.254
27	MID SHOULDER HGT	.283	.102	.262	.235
28	ELBOW REST HEIGHT	.047	-.054	.041	-.044
29	THIGH CLEARANCE HT	.275	.053	.387	.088
30	KNEE HEIGHT	.462	.222	.435	.271
31	POPLITEAL HEIGHT	.314	.109	.319	.265
32	FUNCTIONAL REACH	.362	.279	.319	.301
33	ABDOMINAL DEPTH	.231	.123	.146	-.104
34	SHOULDER-ELBOW LTH	.348	.282	.324	.257
35	ELBOW-WRIST LENGTH	.380	.164	.367	.268
36	BUTTOCK-KNEE LNGTH	.500	.321	.415	.324
37	BUT-POPLITEAL LGTH	.377	.133	.285	.223
38	BIACROMIAL BREADTH	.119	-.116	.160	.108
39	BIDELTOID BREADTH	.323	.099	.327	.079
40	KNEE-KNEE BREADTH	.418	.399	.359	.108
41	ELBOW-ELBOW BRDTH	.305	.237	.281	-.030
42	HIP BREADTH	.392	.419	.384	.139
43	CHEST DEPTH	.322	.285	.279	-.001
44	WAIST DEPTH	.243	.164	.183	-.094
45	BUTTOCK DEPTH	.347	.135	.275	-.134
46	CHEST BREADTH	.281	.220	.288	.047
47	WAIST BREADTH	.430	.295	.302	.022
48	BI-ILIOCRISTALE	.446	.355	.274	.184
49	BI-TROCHANTERIC BR	.501	.375	.380	.211
50	POSTERIOR NECK LTH	.035	-.134	.223	.022

		151	152	153	154
51	WAIST BACK	.322	.307	.227	.218
52	ANTERIOR NECK LGTH	.099	.060	.027	-.022
53	WAIST FRONT	.259	.256	.253	.151
54	CROTCH LENGTH	.356	.279	.263	.071
55	VERTICAL TRUNK CIR	.440	.435	.420	.156
56	NECK CIRC MAX	.369	.265	.272	.018
57	SCYE CIRC	.360	.237	.296	.043
58	BICEPS CIRC EXTND	.357	.203	.300	-.025
59	ELBOW CIRC EXTEND	.475	.290	.413	.082
60	LOWER ARM CIRC EXT	.475	.355	.447	.035
61	WRIST CIRC	.558	.388	.477	.091
62	SL-SPINE-SCYE	.092	.013	.123	.076
63	SL-SPINE-ELBOW	.321	.191	.325	.241
64	SL-SPINE-WRIST	.412	.219	.381	.324
65	BICEPS CIRC FLEXED	.347	.297	.323	.010
66	ELBOW CIRC FLEXED	.284	.233	.223	.012
67	FOREARM CIRC FLEXD	.315	.280	.376	.176
68	SLEEVE INSEAM	.212	-.039	.244	.276
69	DELTOID ARC	.149	.285	.257	.128
70	SHOULDER LENGTH	.087	-.173	.063	.065
71	SHOULDER CIRC	.401	.337	.319	.152
72	CHEST CIRC	.352	.336	.305	.053
73	WAIST CIRC	.321	.289	.201	.034
74	BUTTOCK CIRC	.491	.400	.409	.160
75	UPPER THIGH CIRC	.414	.349	.363	.095
76	LOWER THIGH CIRC	.316	.287	.410	.026
77	KNEE CIRC	.562	.431	.497	.126
78	CALF CIRC	.469	.347	.464	.071
79	VERT TRNK CIRC SIT	.481	.421	.377	.226
80	BUTTOCK CIRC SITNG	.447	.331	.371	.115
81	THIGH CIRC SITTING	.430	.392	.399	.061
82	KNEE CIRC SITTING	.530	.384	.449	.203
83	INTERSCYE	.173	.191	.120	.014
84	INTERSCYE MAX	.148	.102	.141	.201
85	HAND CIRC-THUMB	.500	.363	.423	.152
86	HAND CIRC-META	.455	.441	.519	.098
87	HAND LENGTH	.443	.349	.430	.501
88	PALM LENGTH	.394	.160	.379	.304
89	HAND BRDTH AT THMB	.451	.285	.490	.230
90	HAND BRDTH-META	.507	.403	.573	.177
91	HAND THICK-META	.204	.219	.162	-.090
92	WRIST BREADTH	.471	.416	.339	.160
93	ELBOW BREADTH	.320	.389	.231	.149
94	HEAD CIRC	.342	.309	.295	.067
95	SAGITTAL ARC	.162	.175	-.022	.054
96	BIT-CORONAL ARC	.395	.011	.126	.179
97	BIT-MIN FRONT ARC	.114	.379	.171	.100
98	BIT-SUBNASALE ARC	.165	.107	.254	.084
99	BIT-MENTON ARC	.222	.179	.25	.142
100	BI SUBMANDIBULAR A	.254	.182	.190	.106

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104	HEAD BREADTH	.125	.5[illegible]	.129	-.074
105	BIT DIAMETER	.278	.140	.223	-.014
106	MAX FRONTAL DIAM	.155	-.002	.145	-.043
107	BIOCULAR DIAMETER	.111	.166	.187	-.058
108	INTERPUPILLARY DIS	.123	.192	.173	.102
109	NASAL ROOT BREADTH	.110	.069	.147	-.004
110	INTEROCULAR DIAM	.169	.124	.143	-.004
111	BI-ZYGOMATIC DIAM	.148	.009	.252	-.045
112	NASAL BREADTH	.226	.227	.173	.120
113	LIP LENGTH	.190	.157	.115	.074
114	LIP LENGTH-SMILING	.139	.115	.159	.113
115	BIGONIAL DIAMETER	.165	.060	-.015	.043
116	MENTON-NASAL ROOT	.193	.122	.227	.133
117	SUBNASALE-NAS ROOT	.138	.047	.159	.065
118	MENTON-SUBNASALE L	.173	.224	.183	.061
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120	LIP-LIP DISTANCE	.150	.039	.096	-.019
121	PHILTRUM LENGTH	.094	.065	.053	.016
122	EAR BREADTH	.156	.262	.121	.008
123	EAR LGTH ABOVE TRG	.106	.264	-.022	.103
124	EAR LENGTH	.228	.155	.158	.125
125	EAR PROTRUSION	.174	.074	.180	-.071
126	HEAD LENGTH	.137	.078	.242	.017
127	MAX HEAD DIAG/MENT	.246	.239	.314	.214
128	MAX HEAD DIAG/NUCH	.272	.107	.212	.040
129	WALL-GLABELLA DIST	.253	.210	.197	.047
130	WALL-NAS PT OF DST	.257	.195	.192	.059
131	WALL-EX CANT DIST	.228	.108	.175	.052
132	WALL-TRAGION DIST	.193	.197	-.019	.026
133	WALL-PRONASAL DIST	.273	.026	.219	.119
134	WALL-SUBNASAL DIST	.265	.206	.193	.120
135	WALL-STOMION DIST	.266	.159	.207	.112
136	WALL-MENTON DIST	.252	.146	.153	.108
137	VERTEX-TRAGION HGT	.153	.216	.173	.139
138	VERTEX-EX CANT HGT	.126	.106	.114	.076
139	VERTEX-GLABELLA HT	.131	.024	.011	.005
140	VERT-NAS PT DEP HT	.135	.032	.083	.005
141	VERT-PRONASAL HGT	.054	-.008	.064	.014
142	VERTEX-STOMION HGT	.159	.096	.136	.073
143	VERTEX-MENTON HGT	.179	.052	.215	.072
144	FOOT LENGTH	.533	.361	.457	.464
145	BALL OF FOOT LNGTH	.525	.371	.279	.426
146	BALL OF FOOT WIDTH	.455	.145	.550	.136
147	MED"L MALLEOLUS HT	.320	.230	.303	.152
148	LAT"L MALLEOLUS HT	.321	.222	.281	.226
149	BI-MALLEOLUS BRDTH	.451	.377	.437	.251
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