

# เกณฑ์อ้างอิง

น้ำหนัก ส่วนสูง และเครื่องชี้วัด  
ภาวะโภชนาการของประชาชนไทย

อายุ 1 วัน - 19 ปี

โดยคณะทำงานจัดทำเกณฑ์อ้างอิง น้ำหนัก  
ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการของประชาชนไทย



กรมอนามัย  
กระทรวงสาธารณสุข  
พ.ศ. 2542

## คำนำ

การเปลี่ยนแปลงและพัฒนาทางด้านเศรษฐกิจและสังคมของประเทศในระยะเวลาที่ผ่านมา มีผลกระทบต่อระบบอาหารและโภชนาการที่สำคัญหลายประการ เช่น การพัฒนาทางด้านอุตสาหกรรมอาหาร วัฒนธรรมการบริโภคอาหารของประชาชน การเปลี่ยนแปลงวิถีชีวิตของคนในเขตเมืองและชนบท ฯลฯ ก่อให้เกิดการเปลี่ยนแปลงทางด้านขนาดร่างกายแตกต่างไปจากระยะที่ผ่านมา จึงจำเป็นต้องมีการพัฒนาเกณฑ์อ้างอิง น้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการของประชาชนไทยเพื่อส่งเสริมและพัฒนาด้านโภชนาการของเด็กให้เติบโตสมวัยเต็มศักยภาพที่แท้จริงในยุคสังคมที่มีเศรษฐกิจฐานะและสิ่งแวดล้อมเช่นในปัจจุบัน

กรมอนามัย กระทรวงสาธารณสุข หวังเป็นอย่างยิ่งว่าเกณฑ์อ้างอิงน้ำหนักส่วนสูงและเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทยนี้จะเป็นเกณฑ์อ้างอิงที่เป็นประโยชน์ในการประเมินภาวะการเจริญเติบโตของประชาชนไทยต่อไป และใคร่ขอถือโอกาสนี้ขอขอบคุณทุกท่านที่มีส่วนเกี่ยวข้องและสนับสนุนการดำเนินงานในครั้งนี้

กรมอนามัย  
ธันวาคม 2542

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# บทนำ

การเฝ้าระวังติดตามและส่งเสริมการเจริญเติบโตของเด็กไทยเป็นสิ่งสำคัญยิ่งในการสร้างทรัพยากรมนุษย์ให้มีค่าเต็มศักยภาพด้านการเจริญเติบโต กรมอนามัยเป็นหน่วยงานหนึ่งที่ได้ดำเนินงานระบบการเฝ้าระวังติดตามทางโภชนาการของเด็กอายุต่ำกว่า 5 ปี ตั้งแต่ปี พ.ศ. 2525 จนถึงปัจจุบัน (พ.ศ.2541) ขนาดของปัญหาโรคขาดสารโปรตีนและพลังงานได้ลดขนาดลงจากร้อยละ 51 เหลือเพียงประมาณร้อยละ 11 เด็กวัยเรียนลดขนาดปัญหาลงจากร้อยละ 18.2 ในปี พ.ศ. 2531 เหลือเพียงประมาณร้อยละ 12.2 ในปัจจุบัน

จากสภาพสังคมและเศรษฐกิจของประเทศที่ได้มีการเปลี่ยนแปลงอย่างรวดเร็ว ประกอบกับความก้าวหน้าของการพัฒนาชนบทได้ทำให้สุขภาพอนามัยของประชาชนดีขึ้น ทำให้เด็กไทยมีขนาดของร่างกายเพิ่มขึ้นทั้งน้ำหนักและส่วนสูง จากการศึกษาเกณฑ์มาตรฐานของเด็กทั่วประเทศ ในปี พ.ศ. 2528 พบว่ามีการเจริญเติบโตด้านส่วนสูงดีขึ้นเท่ากับเด็กกรุงเทพฯ ของเกณฑ์มาตรฐานเมื่อปี พ.ศ. 2518 และเกณฑ์ประเมินผลภาวะโภชนาการที่ใช้อยู่ในปัจจุบันนั้นเมื่อนำมาใช้กับเด็กชุมชนเมือง มักจะพบระดับความเจริญเติบโตของเด็กชุมชนเมืองจะสูงกว่าเกณฑ์มาตรฐานที่ใช้อยู่

ดังนั้น การส่งเสริมพัฒนาคุณภาพชีวิตของประชาชนกับมาตรฐานที่นำมาใช้เป็นตัวเปรียบเทียบต้องเหมาะสมต่อการพัฒนาความเจริญเติบโต การจัดทำเกณฑ์อ้างอิงใหม่ จึงมีความจำเป็นเพื่อนำไปสู่การตั้งเป้าหมายของระดับความเจริญเติบโตที่ต้องการพัฒนาให้เด็กไทยไปถึงให้เหมาะสมกับศักยภาพที่แท้จริง

## วิธีการดำเนินการ

กระทรวงสาธารณสุขได้แต่งตั้งคณะกรรมการและคณะทำงานจัดทำเกณฑ์อ้างอิงน้ำหนัก ส่วนสูงและเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทย ตามคำสั่งกระทรวงสาธารณสุขที่ 849/2537 ลงวันที่ 15 พฤศจิกายน 2537 (สำเนาคำสั่งในเอกสารภาคผนวกที่ 1) คณะกรรมการฯ มีมติให้เก็บรวบรวมข้อมูลในเด็กอายุ 1 วัน - 19 ปี เป็นกลุ่ม Full potential ซึ่งช่วยทำให้สามารถ identified เด็กขาดสารอาหารได้มากขึ้น วางเป้าหมายในการพัฒนาคนไทยในเชิงรุก ให้เด็กไทยมีการเจริญเติบโตได้อย่างเหมาะสมเต็มศักยภาพ สำหรับสำหรับรายละเอียดในการจัดกลุ่ม potential จะใช้ Socio-economic score (เอกสารภาคผนวกที่ 2) ซึ่งจะต้องมีคุณลักษณะดังนี้ คือ

1. ไม่มีอาการป่วยขณะศึกษา ใช้ Clinical examination detect
2. ไม่ป่วยด้วยโรคเรื้อรัง เช่น โรคหัวใจ ไต ตับ โรคเลือด โรคอุจจาระร่วงเรื้อรัง เป็น chronic malnutrition เห็นชัดเจน ฯลฯ
3. ไม่เป็นโรคทุพโภชนาการ คือ ไม่มีอาการดังต่อไปนี้ ผอมแห้ง ผอมแห้ง มีผลที่มุมปากทั้ง 2 ข้าง แขนลีบ กล้ามเนื้อเหลว ขาอ่อน โค้ง หัวเข่าแอ่นไปข้างหลัง ขนที่ยื่นท้องป่อง แก้มก้นลีบ ซีดหรืออ้วนมากเกินไปจากการตรวจร่างกายโดย inspection
4. คลอดครบกำหนดและน้ำหนักแรกคลอดอยู่ระหว่าง 2,500-4,000 กรัม และคลอดเดี่ยว
5. ไม่มีอาการพิการทางร่างกายประสาทพิเศษใดๆ เช่น ดาบอด หูหนวก หรือทางสมอง ปัญญาอ่อน
6. มีสัญชาติไทย

กลุ่มตัวอย่างที่ศึกษาได้ทำการศึกษาจากคลินิกเด็กดี สถานรับเลี้ยงเด็กอ่อน โรงเรียนอนุบาล โรงเรียนประถมศึกษา โรงเรียนมัธยมศึกษา และมหาวิทยาลัย ในจังหวัดเขตตัวเมือง 17 จังหวัดดังนี้ คือ กรุงเทพมหานคร อุบลราชธานี สระบุรี ชลบุรี ระยอง ราชบุรี นครราชสีมา อุบลราชธานี ขอนแก่น อุดรธานี เชียงใหม่ ลำปาง นครสวรรค์ พิษณุโลก สงขลา นครศรีธรรมราช และยะลา โดยแบ่งกลุ่มตัวอย่างเป็นช่วงๆ ละ 1 เดือน จัดเก็บขนาดตัวอย่างช่วงอายุละ 100 คน/เพศ รวมเป็น 48,000 คน การเก็บข้อมูลตรงกับ age of midpoint ระยะเวลาเก็บข้อมูลในช่วงมิถุนายน พ.ศ. 2538-ตุลาคม พ.ศ. 2539 การประมวลผลได้ใช้ Moving Average ในการปรับค่าต่างๆ ให้เป็นลักษณะเส้นโค้งตามเกณฑ์อายุ

## ผลการศึกษา

เด็กที่ศึกษาทั้งสิ้นจำนวน 47,297 คน เป็นชาย 22,496 คน และหญิง 24,801 คน โดยมีการกระจายตัวในภาคต่างๆ ดังแสดงไว้ในตารางที่ 1

ตารางที่ 1 แสดงจำนวนตัวอย่างศึกษาจำแนกตามภาค

|                                            | ชาย    | หญิง   | รวม    |
|--------------------------------------------|--------|--------|--------|
| ภาคกลาง                                    | 2,715  | 3,355  | 6,070  |
| อยุธยา, สระบุรี, ชลบุรี, ระยอง, ราชบุรี    |        |        |        |
| ภาคตะวันออกเฉียงเหนือ                      | 6,949  | 7,519  | 14,468 |
| นครราชสีมา, ขอนแก่น, อุดรธานี, อุบลราชธานี |        |        |        |
| ภาคเหนือ                                   | 3,333  | 4,229  | 7,562  |
| นครสวรรค์, พิษณุโลก, ลำปาง, เชียงใหม่      |        |        |        |
| ภาคใต้                                     | 3,120  | 3,858  | 6,978  |
| นครศรีธรรมราช, สงขลา, ยะลา                 |        |        |        |
| กรุงเทพมหานคร                              | 6,379  | 5,840  | 12,219 |
| รวม                                        | 22,496 | 24,801 | 47,297 |

ตารางที่ 2 ความยาวตามเกณฑ์อายุ 0-23 เดือน เพศชาย

| อายุ<br>ปี เดือน |     | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |       |
|------------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|-------|
|                  |     | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD  |
| 0                | 113 | 47.0        | 47.1 | 47.4 | 47.8 | 48.1 | 48.4 | 48.7 | 49.4 | 50.0 | 50.8 | 51.7 | 52.1 | 52.5 | 52.9 | 53.3 | 53.7                | 53.9 | 45.2 | 46.8 | 48.4 | 50.0 | 52.1   | 54.1 | 56.2  |
| 1                | 19  | 49.8        | 49.9 | 50.3 | 50.6 | 51.0 | 51.3 | 51.6 | 52.3 | 53.0 | 53.9 | 54.7 | 55.1 | 55.6 | 56.0 | 56.4 | 56.8                | 57.0 | 47.9 | 49.6 | 51.3 | 53.0 | 55.1   | 57.3 | 59.4  |
| 2                | 72  | 52.5        | 52.6 | 53.0 | 53.3 | 53.7 | 54.0 | 54.4 | 55.1 | 55.8 | 56.7 | 57.6 | 58.0 | 58.5 | 58.9 | 59.4 | 59.8                | 60.0 | 50.5 | 52.3 | 54.0 | 55.8 | 58.0   | 60.3 | 62.5  |
| 3                | 13  | 55.0        | 55.2 | 55.5 | 55.9 | 56.3 | 56.7 | 57.1 | 57.8 | 58.6 | 59.5 | 60.4 | 60.8 | 61.3 | 61.7 | 62.2 | 62.6                | 62.8 | 52.9 | 54.8 | 56.7 | 58.6 | 60.8   | 63.1 | 65.3  |
| 4                | 58  | 57.4        | 57.6 | 58.0 | 58.3 | 58.7 | 59.1 | 59.5 | 60.3 | 61.1 | 62.0 | 63.0 | 63.4 | 63.9 | 64.4 | 64.8 | 65.3                | 65.5 | 55.2 | 57.2 | 59.1 | 61.1 | 63.4   | 65.8 | 68.1  |
| 5                | 28  | 59.6        | 59.8 | 60.2 | 60.6 | 61.0 | 61.4 | 61.8 | 62.6 | 63.4 | 64.4 | 65.4 | 65.8 | 66.3 | 66.8 | 67.3 | 67.8                | 68.0 | 57.3 | 59.4 | 61.4 | 63.4 | 65.8   | 68.3 | 70.7  |
| 6                | 56  | 61.6        | 61.8 | 62.2 | 62.6 | 63.0 | 63.4 | 63.8 | 64.7 | 65.5 | 66.5 | 67.5 | 68.0 | 68.5 | 69.0 | 69.5 | 70.0                | 70.2 | 59.3 | 61.4 | 63.4 | 65.5 | 68.0   | 70.5 | 73.0  |
| 7                | 15  | 63.4        | 63.6 | 64.0 | 64.4 | 64.8 | 65.3 | 65.7 | 66.5 | 67.4 | 68.4 | 69.5 | 70.0 | 70.5 | 71.0 | 71.6 | 72.1                | 72.3 | 61.0 | 63.1 | 65.3 | 67.4 | 70.0   | 72.6 | 75.2  |
| 8                | 13  | 65.1        | 65.3 | 65.7 | 66.1 | 66.5 | 67.0 | 67.4 | 68.2 | 69.1 | 70.2 | 71.3 | 71.8 | 72.4 | 72.9 | 73.4 | 74.0                | 74.2 | 62.7 | 64.8 | 67.0 | 69.1 | 71.8   | 74.5 | 77.2  |
| 9                | 50  | 66.6        | 66.8 | 67.2 | 67.6 | 68.1 | 68.5 | 69.0 | 69.9 | 70.7 | 71.8 | 73.0 | 73.6 | 74.1 | 74.7 | 75.3 | 75.9                | 76.1 | 64.2 | 66.3 | 68.5 | 70.7 | 73.6   | 76.4 | 79.3  |
| 10               | 24  | 68.0        | 68.2 | 68.6 | 69.1 | 69.5 | 70.0 | 70.4 | 71.3 | 72.2 | 73.4 | 74.6 | 75.2 | 75.8 | 76.4 | 77.0 | 77.6                | 77.8 | 65.5 | 67.7 | 70.0 | 72.2 | 75.2   | 78.2 | 81.1  |
| 11               | 14  | 69.4        | 69.6 | 70.0 | 70.4 | 70.9 | 71.3 | 71.8 | 72.6 | 73.5 | 74.8 | 76.0 | 76.6 | 77.3 | 77.9 | 78.5 | 79.1                | 79.4 | 67.0 | 69.1 | 71.3 | 73.5 | 76.6   | 79.8 | 82.9  |
| 1                | 0   | 33          | 70.6 | 70.8 | 71.2 | 71.7 | 72.1 | 72.6 | 73.0 | 73.9 | 74.8 | 76.1 | 77.4 | 78.0 | 78.7 | 79.3 | 80.0                | 80.6 | 68.1 | 70.3 | 72.6 | 74.8 | 78.0   | 81.3 | 84.5  |
| 1                | 1   | 18          | 71.7 | 71.9 | 72.3 | 72.8 | 73.3 | 73.7 | 74.2 | 75.1 | 76.0 | 77.3 | 78.7 | 79.4 | 80.0 | 80.7 | 81.4                | 82.0 | 69.1 | 71.4 | 73.7 | 76.0 | 79.3   | 82.7 | 86.0  |
| 1                | 2   | 12          | 72.7 | 72.9 | 73.4 | 73.8 | 74.3 | 74.8 | 75.3 | 76.2 | 77.2 | 78.6 | 80.0 | 80.7 | 81.3 | 82.0 | 82.7                | 83.4 | 70.0 | 72.4 | 74.8 | 77.2 | 80.7   | 84.1 | 87.6  |
| 1                | 3   | 17          | 73.7 | 73.9 | 74.4 | 74.9 | 75.4 | 75.9 | 76.3 | 77.3 | 78.3 | 79.7 | 81.1 | 81.8 | 82.5 | 83.2 | 83.9                | 84.6 | 71.0 | 73.4 | 75.9 | 78.3 | 81.8   | 85.3 | 88.8  |
| 1                | 4   | 16          | 74.6 | 74.8 | 75.3 | 75.8 | 76.3 | 76.8 | 77.3 | 78.3 | 79.3 | 80.7 | 82.2 | 82.9 | 83.6 | 84.4 | 85.1                | 85.8 | 71.8 | 74.3 | 76.8 | 79.3 | 82.9   | 86.5 | 90.1  |
| 1                | 5   | 20          | 75.4 | 75.6 | 76.1 | 76.7 | 77.2 | 77.7 | 78.2 | 79.3 | 80.3 | 81.8 | 83.2 | 84.0 | 84.7 | 85.4 | 86.2                | 86.9 | 72.5 | 75.1 | 77.7 | 80.3 | 84.0   | 87.6 | 91.3  |
| 1                | 6   | 56          | 76.1 | 76.3 | 76.9 | 77.4 | 78.0 | 78.5 | 79.1 | 80.2 | 81.3 | 82.8 | 84.3 | 85.0 | 85.8 | 86.5 | 87.3                | 88.0 | 73.0 | 75.8 | 78.5 | 81.3 | 85.0   | 88.7 | 92.5  |
| 1                | 7   | 31          | 76.9 | 77.1 | 77.7 | 78.3 | 78.9 | 79.4 | 80.0 | 81.2 | 82.3 | 83.8 | 85.4 | 86.1 | 86.9 | 87.7 | 88.4                | 89.2 | 73.7 | 76.6 | 79.4 | 82.3 | 86.1   | 90.0 | 93.8  |
| 1                | 8   | 13          | 77.7 | 77.9 | 78.5 | 79.1 | 79.7 | 80.3 | 80.9 | 82.1 | 83.3 | 84.9 | 86.5 | 87.3 | 88.1 | 88.9 | 89.7                | 90.5 | 74.4 | 77.3 | 80.3 | 83.3 | 87.3   | 91.3 | 95.3  |
| 1                | 9   | 34          | 78.4 | 78.6 | 79.3 | 79.9 | 80.5 | 81.1 | 81.7 | 83.0 | 84.2 | 85.9 | 87.6 | 88.4 | 89.2 | 90.1 | 90.9                | 91.9 | 74.9 | 78.0 | 81.1 | 84.2 | 88.4   | 92.6 | 96.8  |
| 1                | 10  | 20          | 79.2 | 79.5 | 80.1 | 80.7 | 81.4 | 82.0 | 82.6 | 83.9 | 85.2 | 87.0 | 88.7 | 89.6 | 90.5 | 91.4 | 92.3                | 93.1 | 75.6 | 78.8 | 82.0 | 85.2 | 89.6   | 94.0 | 98.4  |
| 1                | 11  | 20          | 80.0 | 80.3 | 80.9 | 81.6 | 82.2 | 82.9 | 83.6 | 84.9 | 86.2 | 88.1 | 89.9 | 90.8 | 91.8 | 92.7 | 93.6                | 94.5 | 76.3 | 79.6 | 82.9 | 86.2 | 90.9   | 95.5 | 100.1 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

TABLE 3. HEIGHT BY AGE : BOYS

| อายุ<br>ปี | เพศ | N   | PERCENTILES |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |      |      |        |       |       |       |
|------------|-----|-----|-------------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|------|------|--------|-------|-------|-------|
|            |     |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97   | -3SD                | -2SD | -1SD | MEDIAN | +1SD  | +2SD  | +3SD  |
| 2          | 0   | 41  | 81.4        | 81.6 | 82.2 | 82.8 | 83.4 | 84.0 | 84.6 | 85.8 | 87.0  | 88.2  | 89.4  | 90.0  | 90.6  | 91.2  | 91.8  | 92.4  | 92.6  | 78.1                | 81.0 | 84.0 | 87.0   | 90.0  | 93.0  | 95.9  |
| 2          | 1   | 19  | 82.0        | 82.2 | 82.8 | 83.5 | 84.1 | 84.7 | 85.3 | 86.5 | 87.7  | 89.0  | 90.2  | 90.8  | 91.5  | 92.1  | 92.7  | 93.3  | 93.6  | 78.6                | 81.6 | 84.7 | 87.7   | 90.8  | 94.0  | 97.1  |
| 2          | 2   | 29  | 82.5        | 82.7 | 83.4 | 84.0 | 84.6 | 85.2 | 85.9 | 87.1 | 88.4  | 89.7  | 90.9  | 91.6  | 92.2  | 92.9  | 93.5  | 94.2  | 94.4  | 79.0                | 82.1 | 85.2 | 88.4   | 91.6  | 94.8  | 98.0  |
| 2          | 3   | 34  | 83.1        | 83.4 | 84.0 | 84.6 | 85.3 | 85.9 | 86.5 | 87.8 | 89.1  | 90.4  | 91.7  | 92.4  | 93.0  | 93.7  | 94.4  | 95.0  | 95.3  | 79.6                | 82.7 | 85.9 | 89.1   | 92.4  | 95.7  | 99.0  |
| 2          | 4   | 40  | 83.6        | 83.9 | 84.5 | 85.2 | 85.8 | 86.5 | 87.1 | 88.4 | 89.7  | 91.1  | 92.5  | 93.1  | 93.8  | 94.5  | 95.2  | 95.9  | 96.1  | 80.0                | 83.2 | 86.5 | 89.7   | 93.1  | 96.6  | 100.0 |
| 2          | 5   | 36  | 84.2        | 84.5 | 85.1 | 85.8 | 86.4 | 87.1 | 87.8 | 89.1 | 90.4  | 91.8  | 93.2  | 93.9  | 94.6  | 95.3  | 96.0  | 96.7  | 97.0  | 80.5                | 83.8 | 87.1 | 90.4   | 93.9  | 97.4  | 100.9 |
| 2          | 6   | 50  | 84.7        | 85.0 | 85.7 | 86.4 | 87.0 | 87.7 | 88.4 | 89.7 | 91.1  | 92.5  | 93.9  | 94.7  | 95.4  | 96.1  | 96.8  | 97.5  | 97.8  | 81.0                | 84.3 | 87.7 | 91.1   | 94.7  | 98.2  | 101.8 |
| 2          | 7   | 55  | 85.3        | 85.6 | 86.3 | 86.9 | 87.6 | 88.3 | 89.0 | 90.4 | 91.7  | 93.2  | 94.7  | 95.4  | 96.1  | 96.9  | 97.6  | 98.3  | 98.6  | 81.5                | 84.9 | 88.3 | 91.7   | 95.4  | 99.0  | 102.7 |
| 2          | 8   | 61  | 85.8        | 86.1 | 86.8 | 87.5 | 88.2 | 88.9 | 89.6 | 91.0 | 92.4  | 93.9  | 95.4  | 96.1  | 96.9  | 97.6  | 98.3  | 99.1  | 99.4  | 81.9                | 85.4 | 88.9 | 92.4   | 96.1  | 99.8  | 103.5 |
| 2          | 9   | 65  | 86.3        | 86.6 | 87.3 | 88.0 | 88.7 | 89.5 | 90.2 | 91.6 | 93.1  | 94.6  | 96.1  | 96.8  | 97.6  | 98.3  | 99.1  | 99.8  | 100.1 | 82.3                | 85.9 | 89.5 | 93.1   | 96.8  | 100.6 | 104.3 |
| 2          | 10  | 59  | 86.9        | 87.2 | 87.9 | 88.7 | 89.4 | 90.1 | 90.8 | 92.3 | 93.7  | 95.2  | 96.8  | 97.5  | 98.3  | 99.1  | 99.8  | 100.6 | 100.9 | 82.9                | 86.5 | 90.1 | 93.7   | 97.5  | 101.3 | 105.1 |
| 2          | 11  | 80  | 87.4        | 87.7 | 88.4 | 89.2 | 89.9 | 90.7 | 91.4 | 92.9 | 94.4  | 95.9  | 97.4  | 98.2  | 99.0  | 99.7  | 100.5 | 101.3 | 101.6 | 83.2                | 87.0 | 90.7 | 94.4   | 98.2  | 102.0 | 105.9 |
| 3          | 0   | 71  | 88.0        | 88.3 | 89.0 | 89.8 | 90.5 | 91.3 | 92.0 | 93.5 | 95.0  | 96.6  | 98.1  | 98.9  | 99.6  | 100.4 | 101.2 | 102.0 | 102.3 | 83.8                | 87.6 | 91.3 | 95.0   | 98.9  | 102.7 | 106.6 |
| 3          | 1   | 75  | 88.5        | 88.8 | 89.6 | 90.4 | 91.1 | 91.9 | 92.6 | 94.1 | 95.6  | 97.2  | 98.8  | 99.5  | 100.3 | 101.1 | 101.9 | 102.6 | 102.9 | 84.3                | 88.1 | 91.9 | 95.6   | 99.5  | 103.4 | 107.3 |
| 3          | 2   | 82  | 89.0        | 89.3 | 90.1 | 90.9 | 91.6 | 92.4 | 93.2 | 94.7 | 96.3  | 97.8  | 99.4  | 100.2 | 100.9 | 101.7 | 102.5 | 103.3 | 103.6 | 84.7                | 88.5 | 92.4 | 96.3   | 100.2 | 104.1 | 108.0 |
| 3          | 3   | 97  | 89.6        | 89.9 | 90.7 | 91.5 | 92.2 | 93.0 | 93.8 | 95.3 | 96.9  | 98.4  | 100.0 | 100.8 | 101.6 | 102.4 | 103.1 | 103.9 | 104.2 | 85.3                | 89.1 | 93.0 | 96.9   | 100.8 | 104.7 | 108.6 |
| 3          | 4   | 104 | 90.1        | 90.4 | 91.2 | 92.0 | 92.8 | 93.6 | 94.4 | 95.9 | 97.5  | 99.1  | 100.6 | 101.4 | 102.2 | 103.0 | 103.8 | 104.5 | 104.9 | 85.8                | 89.7 | 93.6 | 97.5   | 101.4 | 105.3 | 109.2 |
| 3          | 5   | 95  | 90.7        | 91.0 | 91.8 | 92.6 | 93.3 | 94.1 | 94.9 | 96.5 | 98.1  | 99.7  | 101.2 | 102.0 | 102.8 | 103.6 | 104.4 | 105.2 | 105.5 | 86.2                | 90.2 | 94.1 | 98.1   | 102.0 | 105.9 | 109.9 |
| 3          | 6   | 92  | 91.2        | 91.5 | 92.3 | 93.1 | 93.9 | 94.7 | 95.5 | 97.1 | 98.7  | 100.2 | 101.8 | 102.6 | 103.4 | 104.2 | 105.0 | 105.8 | 106.1 | 86.7                | 90.7 | 94.7 | 98.7   | 102.6 | 106.6 | 110.5 |
| 3          | 7   | 105 | 91.7        | 92.0 | 92.8 | 93.6 | 94.4 | 95.2 | 96.0 | 97.6 | 99.2  | 100.8 | 102.4 | 103.2 | 104.0 | 104.8 | 105.6 | 106.4 | 106.7 | 87.2                | 91.2 | 95.2 | 99.2   | 103.2 | 107.2 | 111.1 |
| 3          | 8   | 103 | 92.2        | 92.6 | 93.4 | 94.2 | 95.0 | 95.8 | 96.6 | 98.2 | 99.8  | 101.4 | 103.0 | 103.8 | 104.6 | 105.4 | 106.2 | 107.0 | 107.3 | 87.7                | 91.7 | 95.8 | 99.8   | 103.8 | 107.8 | 111.7 |
| 3          | 9   | 108 | 92.7        | 93.1 | 93.9 | 94.7 | 95.5 | 96.3 | 97.1 | 98.8 | 100.4 | 102.0 | 103.6 | 104.4 | 105.2 | 106.0 | 106.8 | 107.6 | 107.9 | 88.2                | 92.3 | 96.3 | 100.4  | 104.4 | 108.4 | 112.4 |
| 3          | 10  | 92  | 93.3        | 93.6 | 94.4 | 95.2 | 96.0 | 96.9 | 97.7 | 99.3 | 100.9 | 102.5 | 104.2 | 105.0 | 105.8 | 106.6 | 107.4 | 108.2 | 108.5 | 88.7                | 92.8 | 96.9 | 100.9  | 105.0 | 109.0 | 113.0 |
| 3          | 11  | 91  | 93.8        | 94.1 | 94.9 | 95.8 | 96.6 | 97.4 | 98.2 | 99.9 | 101.5 | 103.1 | 104.7 | 105.5 | 106.4 | 107.2 | 108.0 | 108.8 | 109.1 | 89.2                | 93.3 | 97.4 | 101.5  | 105.5 | 109.6 | 113.6 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

TABLE 3. HEIGHT BY AGE : BOYS

| อายุ<br>ปี |    | N   | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |       |        |       |       |       |
|------------|----|-----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|-------|--------|-------|-------|-------|
|            |    |     | P3          | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95                 | P97   | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 4          | 0  | 88  | 94.3        | 94.6  | 95.5  | 96.3  | 97.1  | 97.9  | 98.8  | 100.4 | 102.0 | 103.7 | 105.3 | 106.1 | 106.9 | 107.8 | 108.6 | 109.4               | 109.7 | 89.7  | 93.8  | 97.9  | 102.0  | 106.1 | 110.2 | 114.3 |
| 4          | 1  | 86  | 94.8        | 95.2  | 96.0  | 96.8  | 97.6  | 98.5  | 99.3  | 100.9 | 102.6 | 104.2 | 105.9 | 106.7 | 107.5 | 108.3 | 109.2 | 110.0               | 110.3 | 90.3  | 94.4  | 98.5  | 102.6  | 106.7 | 110.8 | 114.9 |
| 4          | 2  | 82  | 95.4        | 95.7  | 96.5  | 97.3  | 98.2  | 99.0  | 99.8  | 101.4 | 103.1 | 104.8 | 106.4 | 107.3 | 108.1 | 108.9 | 109.8 | 110.6               | 110.9 | 90.8  | 94.9  | 99.0  | 103.1  | 107.3 | 111.4 | 115.6 |
| 4          | 3  | 93  | 95.9        | 96.2  | 97.1  | 97.9  | 98.7  | 99.5  | 100.3 | 102.0 | 103.6 | 105.3 | 107.0 | 107.8 | 108.7 | 109.5 | 110.3 | 111.2               | 111.5 | 91.3  | 95.4  | 99.5  | 103.6  | 107.8 | 112.0 | 116.2 |
| 4          | 4  | 84  | 96.4        | 96.8  | 97.6  | 98.4  | 99.2  | 100.0 | 100.9 | 102.5 | 104.1 | 105.8 | 107.5 | 108.4 | 109.2 | 110.1 | 110.9 | 111.8               | 112.1 | 91.9  | 96.0  | 100.0 | 104.1  | 108.4 | 112.6 | 116.9 |
| 4          | 5  | 102 | 97.0        | 97.3  | 98.1  | 98.9  | 99.8  | 100.6 | 101.4 | 103.0 | 104.7 | 106.4 | 108.1 | 108.9 | 109.8 | 110.7 | 111.5 | 112.4               | 112.7 | 92.4  | 96.5  | 100.6 | 104.7  | 108.9 | 113.2 | 117.5 |
| 4          | 6  | 96  | 97.4        | 97.7  | 98.6  | 99.4  | 100.2 | 101.0 | 101.9 | 103.5 | 105.2 | 106.9 | 108.6 | 109.5 | 110.4 | 111.2 | 112.1 | 113.0               | 113.3 | 92.8  | 96.9  | 101.0 | 105.2  | 109.5 | 113.8 | 118.2 |
| 4          | 7  | 94  | 98.0        | 98.4  | 99.2  | 100.0 | 100.8 | 101.6 | 102.4 | 104.1 | 105.7 | 107.5 | 109.2 | 110.1 | 110.9 | 111.8 | 112.7 | 113.6               | 113.9 | 93.5  | 97.6  | 101.6 | 105.7  | 110.1 | 114.4 | 118.8 |
| 4          | 8  | 89  | 98.5        | 98.8  | 99.7  | 100.5 | 101.3 | 102.1 | 102.9 | 104.6 | 106.2 | 108.0 | 109.7 | 110.6 | 111.5 | 112.4 | 113.3 | 114.1               | 114.5 | 93.9  | 98.0  | 102.1 | 106.2  | 110.6 | 115.0 | 119.4 |
| 4          | 9  | 86  | 99.0        | 99.3  | 100.2 | 101.0 | 101.8 | 102.6 | 103.5 | 105.1 | 106.8 | 108.5 | 110.3 | 111.2 | 112.1 | 113.0 | 113.8 | 114.7               | 115.1 | 94.4  | 98.5  | 102.6 | 106.8  | 111.2 | 115.6 | 120.0 |
| 4          | 10 | 100 | 99.5        | 99.8  | 100.7 | 101.5 | 102.3 | 103.1 | 104.0 | 105.6 | 107.3 | 109.1 | 110.8 | 111.7 | 112.6 | 113.5 | 114.4 | 115.3               | 115.6 | 94.9  | 99.0  | 103.1 | 107.3  | 111.7 | 116.2 | 120.6 |
| 4          | 11 | 82  | 100.0       | 100.3 | 101.2 | 102.0 | 102.8 | 103.7 | 104.5 | 106.2 | 107.8 | 109.6 | 111.4 | 112.3 | 113.2 | 114.1 | 115.0 | 115.8               | 116.2 | 95.3  | 99.5  | 103.7 | 107.8  | 112.3 | 116.7 | 121.2 |
| 5          | 0  | 84  | 100.4       | 100.7 | 101.6 | 102.4 | 103.3 | 104.1 | 105.0 | 106.7 | 108.3 | 110.1 | 111.9 | 112.8 | 113.7 | 114.6 | 115.5 | 116.4               | 116.8 | 95.7  | 99.9  | 104.1 | 108.3  | 112.8 | 117.3 | 121.8 |
| 5          | 1  | 96  | 100.9       | 101.2 | 102.1 | 102.9 | 103.8 | 104.6 | 105.5 | 107.2 | 108.9 | 110.7 | 112.5 | 113.4 | 114.2 | 115.1 | 116.0 | 116.9               | 117.3 | 96.2  | 100.4 | 104.6 | 108.9  | 113.3 | 117.8 | 122.3 |
| 5          | 2  | 82  | 101.4       | 101.7 | 102.6 | 103.4 | 104.3 | 105.1 | 106.0 | 107.7 | 109.4 | 111.2 | 113.0 | 113.9 | 114.8 | 115.7 | 116.6 | 117.5               | 117.8 | 96.6  | 100.9 | 105.1 | 109.4  | 113.9 | 118.4 | 122.9 |
| 5          | 3  | 97  | 101.9       | 102.2 | 103.1 | 103.9 | 104.8 | 105.6 | 106.5 | 108.2 | 109.9 | 111.7 | 113.5 | 114.4 | 115.3 | 116.2 | 117.1 | 118.0               | 118.4 | 97.1  | 101.4 | 105.6 | 109.9  | 114.4 | 118.9 | 123.4 |
| 5          | 4  | 97  | 102.3       | 102.6 | 103.5 | 104.4 | 105.2 | 106.1 | 107.0 | 108.7 | 110.4 | 112.2 | 114.0 | 114.9 | 115.8 | 116.7 | 117.6 | 118.5               | 118.9 | 97.5  | 101.8 | 106.1 | 110.4  | 114.9 | 119.4 | 123.9 |
| 5          | 5  | 90  | 102.8       | 103.1 | 104.0 | 104.9 | 105.7 | 106.6 | 107.5 | 109.2 | 110.9 | 112.7 | 114.5 | 115.4 | 116.3 | 117.2 | 118.1 | 119.1               | 119.4 | 98.0  | 102.3 | 106.6 | 110.9  | 115.4 | 120.0 | 124.5 |
| 5          | 6  | 89  | 103.3       | 103.6 | 104.5 | 105.4 | 106.2 | 107.1 | 108.0 | 109.7 | 111.4 | 113.2 | 115.0 | 116.0 | 116.9 | 117.8 | 118.7 | 119.6               | 119.9 | 98.5  | 102.8 | 107.1 | 111.4  | 116.0 | 120.5 | 125.0 |
| 5          | 7  | 85  | 103.7       | 104.1 | 104.9 | 105.8 | 106.7 | 107.6 | 108.4 | 110.2 | 111.9 | 113.7 | 115.6 | 116.5 | 117.4 | 118.3 | 119.2 | 120.1               | 120.5 | 98.8  | 103.2 | 107.6 | 111.9  | 116.5 | 121.0 | 125.5 |
| 5          | 8  | 80  | 104.2       | 104.6 | 105.5 | 106.3 | 107.2 | 108.1 | 108.9 | 110.7 | 112.4 | 114.2 | 116.1 | 117.0 | 117.9 | 118.8 | 119.7 | 120.6               | 121.0 | 99.4  | 103.7 | 108.1 | 112.4  | 117.0 | 121.5 | 126.1 |
| 5          | 9  | 101 | 104.6       | 105.0 | 105.8 | 106.7 | 107.6 | 108.5 | 109.4 | 111.1 | 112.9 | 114.7 | 116.6 | 117.5 | 118.4 | 119.3 | 120.2 | 121.1               | 121.5 | 99.6  | 104.1 | 108.5 | 112.9  | 117.5 | 122.0 | 126.6 |
| 5          | 10 | 77  | 105.1       | 105.5 | 106.4 | 107.2 | 108.1 | 109.0 | 109.9 | 111.6 | 113.4 | 115.2 | 117.1 | 118.0 | 118.9 | 119.8 | 120.7 | 121.7               | 122.0 | 100.2 | 104.6 | 109.0 | 113.4  | 118.0 | 122.6 | 127.2 |
| 5          | 11 | 86  | 105.5       | 105.9 | 106.8 | 107.7 | 108.6 | 109.5 | 110.3 | 112.1 | 113.9 | 115.7 | 117.6 | 118.5 | 119.4 | 120.3 | 121.3 | 122.2               | 122.5 | 100.6 | 105.0 | 109.5 | 113.9  | 118.5 | 123.1 | 127.7 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

| อายุ | ปี | N   | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |       |        |       |       |       |
|------|----|-----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|-------|--------|-------|-------|-------|
|      |    |     | P3          | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95                 | P97   | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 6    | 0  | 97  | 106.0       | 106.3 | 107.2 | 108.1 | 109.0 | 109.9 | 110.8 | 112.6 | 114.4 | 116.2 | 118.1 | 119.0 | 119.9 | 120.9 | 121.8 | 122.7               | 123.1 | 101.0 | 105.4 | 109.9 | 114.4  | 119.0 | 123.6 | 128.3 |
| 6    | 1  | 89  | 106.4       | 106.8 | 107.7 | 108.6 | 109.5 | 110.4 | 111.3 | 113.1 | 114.9 | 116.7 | 118.6 | 119.5 | 120.5 | 121.4 | 122.3 | 123.3               | 123.7 | 101.4 | 105.9 | 110.4 | 114.9  | 119.5 | 124.2 | 128.9 |
| 6    | 2  | 93  | 106.8       | 107.2 | 108.1 | 109.0 | 109.9 | 110.8 | 111.7 | 113.6 | 115.4 | 117.2 | 119.1 | 120.1 | 121.0 | 121.9 | 122.9 | 123.8               | 124.2 | 101.8 | 106.3 | 110.8 | 115.4  | 120.1 | 124.8 | 129.5 |
| 6    | 3  | 95  | 107.3       | 107.6 | 108.6 | 109.5 | 110.4 | 111.3 | 112.2 | 114.0 | 115.8 | 117.7 | 119.6 | 120.6 | 121.5 | 122.5 | 123.4 | 124.4               | 124.8 | 102.2 | 106.7 | 111.3 | 115.8  | 120.6 | 125.3 | 130.1 |
| 6    | 4  | 90  | 107.7       | 108.1 | 109.0 | 109.9 | 110.8 | 111.7 | 112.7 | 114.5 | 116.3 | 118.2 | 120.1 | 121.1 | 122.0 | 123.0 | 124.0 | 124.9               | 125.3 | 102.6 | 107.2 | 111.7 | 116.3  | 121.1 | 125.9 | 130.6 |
| 6    | 5  | 110 | 108.1       | 108.5 | 109.4 | 110.3 | 111.2 | 112.2 | 113.1 | 114.9 | 116.8 | 118.7 | 120.6 | 121.6 | 122.6 | 123.5 | 124.5 | 125.4               | 125.8 | 102.9 | 107.5 | 112.2 | 116.8  | 121.6 | 126.4 | 131.2 |
| 6    | 6  | 107 | 108.5       | 108.9 | 109.8 | 110.7 | 111.7 | 112.6 | 113.5 | 115.4 | 117.3 | 119.2 | 121.1 | 122.1 | 123.1 | 124.0 | 125.0 | 126.0               | 126.3 | 103.3 | 107.9 | 112.6 | 117.3  | 122.1 | 126.9 | 131.7 |
| 6    | 7  | 122 | 108.9       | 109.3 | 110.2 | 111.2 | 112.1 | 113.0 | 114.0 | 115.8 | 117.7 | 119.7 | 121.6 | 122.6 | 123.5 | 124.5 | 125.5 | 126.5               | 126.8 | 103.6 | 108.3 | 113.0 | 117.7  | 122.6 | 127.4 | 132.3 |
| 6    | 8  | 116 | 109.4       | 109.8 | 110.7 | 111.7 | 112.6 | 113.5 | 114.5 | 116.3 | 118.2 | 120.1 | 122.1 | 123.1 | 124.0 | 125.0 | 126.0 | 127.0               | 127.3 | 104.2 | 108.9 | 113.5 | 118.2  | 123.1 | 127.9 | 132.8 |
| 6    | 9  | 119 | 109.8       | 110.2 | 111.1 | 112.1 | 113.0 | 113.9 | 114.9 | 116.8 | 118.6 | 120.6 | 122.5 | 123.5 | 124.5 | 125.5 | 126.5 | 127.4               | 127.8 | 104.5 | 109.2 | 113.9 | 118.6  | 123.5 | 128.4 | 133.3 |
| 6    | 10 | 104 | 110.2       | 110.6 | 111.5 | 112.5 | 113.4 | 114.4 | 115.3 | 117.2 | 119.1 | 121.1 | 123.0 | 124.0 | 125.0 | 126.0 | 126.9 | 127.9               | 128.3 | 104.9 | 109.6 | 114.4 | 119.1  | 124.0 | 128.9 | 133.8 |
| 6    | 11 | 132 | 110.6       | 111.0 | 111.9 | 112.9 | 113.8 | 114.8 | 115.7 | 117.6 | 119.5 | 121.5 | 123.5 | 124.5 | 125.4 | 126.4 | 127.4 | 128.4               | 128.8 | 105.3 | 110.0 | 114.8 | 119.5  | 124.5 | 129.4 | 134.3 |
| 7    | 0  | 104 | 111.0       | 111.4 | 112.3 | 113.3 | 114.3 | 115.2 | 116.2 | 118.1 | 120.0 | 122.0 | 123.9 | 124.9 | 125.9 | 126.9 | 127.9 | 128.9               | 129.2 | 105.6 | 110.4 | 115.2 | 120.0  | 124.9 | 129.8 | 134.8 |
| 7    | 1  | 90  | 111.4       | 111.8 | 112.7 | 113.7 | 114.7 | 115.6 | 116.6 | 118.5 | 120.4 | 122.4 | 124.4 | 125.4 | 126.4 | 127.4 | 128.3 | 129.3               | 129.7 | 106.0 | 110.8 | 115.6 | 120.4  | 125.4 | 130.3 | 135.2 |
| 7    | 2  | 103 | 111.7       | 112.1 | 113.1 | 114.0 | 115.0 | 116.0 | 117.0 | 118.9 | 120.9 | 122.9 | 124.8 | 125.8 | 126.8 | 127.8 | 128.8 | 129.8               | 130.2 | 106.2 | 111.1 | 116.0 | 120.9  | 125.8 | 130.8 | 135.7 |
| 7    | 3  | 103 | 112.1       | 112.5 | 113.5 | 114.5 | 115.4 | 116.4 | 117.4 | 119.4 | 121.3 | 123.3 | 125.3 | 126.3 | 127.3 | 128.3 | 129.3 | 130.3               | 130.7 | 106.6 | 111.5 | 116.4 | 121.3  | 126.3 | 131.3 | 136.3 |
| 7    | 4  | 105 | 112.5       | 112.9 | 113.9 | 114.9 | 115.9 | 116.8 | 117.8 | 119.8 | 121.8 | 123.8 | 125.8 | 126.8 | 127.8 | 128.8 | 129.8 | 130.8               | 131.2 | 107.0 | 111.9 | 116.8 | 121.8  | 126.8 | 131.8 | 136.8 |
| 7    | 5  | 91  | 112.9       | 113.3 | 114.3 | 115.3 | 116.3 | 117.3 | 118.2 | 120.2 | 122.2 | 124.2 | 126.2 | 127.2 | 128.3 | 129.3 | 130.3 | 131.3               | 131.7 | 107.4 | 112.3 | 117.3 | 122.2  | 127.2 | 132.3 | 137.3 |
| 7    | 6  | 108 | 113.2       | 113.6 | 114.6 | 115.6 | 116.6 | 117.6 | 118.6 | 120.6 | 122.6 | 124.7 | 126.7 | 127.7 | 128.7 | 129.8 | 130.8 | 131.8               | 132.2 | 107.6 | 112.6 | 117.6 | 122.6  | 127.7 | 132.8 | 137.9 |
| 7    | 7  | 92  | 113.6       | 114.0 | 115.0 | 116.0 | 117.0 | 118.0 | 119.0 | 121.1 | 123.1 | 125.1 | 127.2 | 128.2 | 129.2 | 130.2 | 131.3 | 132.3               | 132.7 | 108.0 | 113.0 | 118.0 | 123.1  | 128.2 | 133.3 | 138.4 |
| 7    | 8  | 98  | 114.0       | 114.4 | 115.4 | 116.4 | 117.4 | 118.5 | 119.5 | 121.5 | 123.5 | 125.6 | 127.6 | 128.7 | 129.7 | 130.7 | 131.8 | 132.8               | 133.2 | 108.3 | 113.4 | 118.5 | 123.5  | 128.7 | 133.8 | 139.0 |
| 7    | 9  | 107 | 114.3       | 114.7 | 115.7 | 116.8 | 117.8 | 118.8 | 119.8 | 121.9 | 123.9 | 126.0 | 128.1 | 129.1 | 130.2 | 131.2 | 132.3 | 133.3               | 133.7 | 108.6 | 113.7 | 118.8 | 123.9  | 129.1 | 134.3 | 139.5 |
| 7    | 10 | 96  | 114.7       | 115.2 | 116.2 | 117.2 | 118.2 | 119.3 | 120.3 | 122.3 | 124.4 | 126.5 | 128.6 | 129.6 | 130.7 | 131.7 | 132.8 | 133.8               | 134.2 | 109.0 | 114.1 | 119.3 | 124.4  | 129.6 | 134.9 | 140.1 |
| 7    | 11 | 106 | 115.1       | 115.5 | 116.5 | 117.6 | 118.6 | 119.6 | 120.7 | 122.7 | 124.8 | 126.9 | 129.0 | 130.1 | 131.1 | 132.2 | 133.2 | 134.3               | 134.7 | 109.3 | 114.5 | 119.6 | 124.6  | 130.1 | 135.4 | 140.6 |

TABLE 3. HEIGHT BY AGE : BOYS

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

TABLE 3. HEIGHT BY AGE - BOYS

| อายุ<br>ปี |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
|            |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 8          | 0  | 125         | 115.4 | 115.8 | 116.9 | 117.9 | 118.9 | 120.0 | 121.0 | 123.1 | 125.2 | 127.3 | 129.5 | 130.5 | 131.6 | 132.7 | 133.7 | 134.8 | 135.2               | 109.5 | 114.8 | 120.0 | 125.2  | 130.5 | 135.8 | 141.1 |
| 8          | 1  | 106         | 115.8 | 116.2 | 117.3 | 118.3 | 119.4 | 120.4 | 121.5 | 123.5 | 125.6 | 127.8 | 129.9 | 131.0 | 132.0 | 133.1 | 134.2 | 135.2 | 135.7               | 109.9 | 115.2 | 120.4 | 125.6  | 131.0 | 136.3 | 141.6 |
| 8          | 2  | 107         | 116.1 | 116.5 | 117.5 | 118.6 | 119.7 | 120.7 | 121.8 | 123.9 | 126.1 | 128.2 | 130.3 | 131.4 | 132.5 | 133.5 | 134.6 | 135.6 | 136.1               | 110.1 | 115.4 | 120.7 | 126.1  | 131.4 | 136.7 | 142.0 |
| 8          | 3  | 110         | 116.5 | 116.9 | 118.0 | 119.0 | 120.1 | 121.2 | 122.2 | 124.4 | 126.5 | 128.6 | 130.7 | 131.8 | 132.9 | 133.9 | 135.0 | 136.1 | 136.5               | 110.6 | 115.9 | 121.2 | 126.5  | 131.8 | 137.1 | 142.5 |
| 8          | 4  | 96          | 116.8 | 117.2 | 118.3 | 119.3 | 120.4 | 121.5 | 122.6 | 124.7 | 126.9 | 129.0 | 131.2 | 132.2 | 133.3 | 134.4 | 135.4 | 136.5 | 136.9               | 110.7 | 116.1 | 121.5 | 126.9  | 132.2 | 137.6 | 142.9 |
| 8          | 5  | 107         | 117.2 | 117.6 | 118.7 | 119.8 | 120.9 | 121.9 | 123.0 | 125.2 | 127.3 | 129.4 | 131.6 | 132.6 | 133.7 | 134.8 | 135.8 | 136.9 | 137.3               | 111.2 | 116.6 | 121.9 | 127.3  | 132.6 | 138.0 | 143.3 |
| 8          | 6  | 93          | 117.6 | 118.0 | 119.1 | 120.2 | 121.3 | 122.3 | 123.4 | 125.6 | 127.7 | 129.9 | 132.0 | 133.1 | 134.1 | 135.2 | 136.3 | 137.3 | 137.8               | 111.6 | 117.0 | 122.3 | 127.7  | 133.1 | 138.4 | 143.7 |
| 8          | 7  | 100         | 117.9 | 118.3 | 119.4 | 120.5 | 121.6 | 122.7 | 123.8 | 126.0 | 128.2 | 130.3 | 132.4 | 133.5 | 134.6 | 135.6 | 136.7 | 137.7 | 138.2               | 111.8 | 117.3 | 122.7 | 128.2  | 133.5 | 138.8 | 144.1 |
| 8          | 8  | 98          | 118.3 | 118.7 | 119.8 | 120.9 | 122.0 | 123.1 | 124.2 | 126.4 | 128.6 | 130.7 | 132.8 | 133.9 | 135.0 | 136.0 | 137.1 | 138.2 | 138.6               | 112.2 | 117.6 | 123.1 | 128.6  | 133.9 | 139.2 | 144.6 |
| 8          | 9  | 102         | 118.6 | 119.0 | 120.1 | 121.3 | 122.4 | 123.5 | 124.6 | 126.8 | 129.0 | 131.1 | 133.3 | 134.3 | 135.4 | 136.5 | 137.5 | 138.6 | 139.0               | 112.4 | 117.9 | 123.5 | 129.0  | 134.3 | 139.7 | 145.0 |
| 8          | 10 | 116         | 119.0 | 119.4 | 120.6 | 121.7 | 122.8 | 123.9 | 125.0 | 127.2 | 129.4 | 131.5 | 133.7 | 134.7 | 135.8 | 136.9 | 137.9 | 139.0 | 139.4               | 112.8 | 118.3 | 123.9 | 129.4  | 134.7 | 140.1 | 145.4 |
| 8          | 11 | 115         | 119.4 | 119.8 | 121.0 | 122.1 | 123.2 | 124.3 | 125.4 | 127.6 | 129.8 | 132.0 | 134.1 | 135.2 | 136.2 | 137.3 | 138.4 | 139.4 | 139.9               | 113.2 | 118.7 | 124.3 | 129.8  | 135.2 | 140.5 | 145.8 |
| 9          | 0  | 94          | 119.7 | 120.1 | 121.3 | 122.4 | 123.5 | 124.6 | 125.8 | 128.0 | 130.3 | 132.4 | 134.5 | 135.6 | 136.7 | 137.7 | 138.8 | 139.9 | 140.3               | 113.4 | 119.0 | 124.6 | 130.3  | 135.6 | 140.9 | 146.3 |
| 9          | 1  | 103         | 120.1 | 120.5 | 121.7 | 122.8 | 123.9 | 125.0 | 126.2 | 128.4 | 130.7 | 132.8 | 135.0 | 136.0 | 137.1 | 138.2 | 139.2 | 140.3 | 140.7               | 113.8 | 119.4 | 125.1 | 130.7  | 136.0 | 141.4 | 146.7 |
| 9          | 2  | 92          | 120.4 | 120.9 | 122.0 | 123.1 | 124.3 | 125.4 | 126.5 | 128.8 | 131.1 | 133.2 | 135.4 | 136.4 | 137.5 | 138.6 | 139.7 | 140.7 | 141.2               | 114.0 | 119.7 | 125.4 | 131.1  | 136.4 | 141.8 | 147.2 |
| 9          | 3  | 103         | 120.8 | 121.3 | 122.4 | 123.5 | 124.7 | 125.8 | 126.9 | 129.2 | 131.5 | 133.7 | 135.8 | 136.9 | 137.9 | 139.0 | 140.1 | 141.2 | 141.6               | 114.4 | 120.1 | 125.8 | 131.5  | 136.9 | 142.2 | 147.6 |
| 9          | 4  | 101         | 121.1 | 121.5 | 122.7 | 123.8 | 125.0 | 126.1 | 127.3 | 129.6 | 131.9 | 134.1 | 136.2 | 137.3 | 138.4 | 139.5 | 140.5 | 141.6 | 142.0               | 114.6 | 120.4 | 126.1 | 131.9  | 137.3 | 142.7 | 148.1 |
| 9          | 5  | 93          | 121.5 | 121.9 | 123.1 | 124.2 | 125.4 | 126.5 | 127.7 | 130.0 | 132.3 | 134.5 | 136.6 | 137.7 | 138.8 | 139.9 | 141.0 | 142.0 | 142.5               | 115.0 | 120.8 | 126.5 | 132.3  | 137.7 | 143.1 | 148.5 |
| 9          | 6  | 99          | 121.9 | 122.4 | 123.5 | 124.7 | 125.8 | 127.0 | 128.1 | 130.4 | 132.7 | 134.9 | 137.1 | 138.1 | 139.2 | 140.3 | 141.4 | 142.5 | 142.9               | 115.5 | 121.2 | 127.0 | 132.7  | 138.1 | 143.5 | 149.0 |
| 9          | 7  | 105         | 122.2 | 122.7 | 123.8 | 125.0 | 126.2 | 127.3 | 128.5 | 130.8 | 133.1 | 135.3 | 137.5 | 138.6 | 139.6 | 140.7 | 141.8 | 142.9 | 143.3               | 115.7 | 121.5 | 127.3 | 133.1  | 138.6 | 144.0 | 149.4 |
| 9          | 8  | 107         | 122.6 | 123.1 | 124.3 | 125.4 | 126.6 | 127.7 | 128.9 | 131.2 | 133.5 | 135.7 | 137.9 | 139.0 | 140.1 | 141.1 | 142.2 | 143.3 | 143.8               | 116.2 | 122.0 | 127.7 | 133.5  | 139.0 | 144.4 | 149.9 |
| 9          | 9  | 119         | 122.9 | 123.4 | 124.5 | 125.7 | 126.9 | 128.0 | 129.2 | 131.6 | 133.9 | 136.1 | 138.3 | 139.4 | 140.5 | 141.6 | 142.7 | 143.8 | 144.2               | 116.4 | 122.2 | 128.0 | 133.9  | 139.4 | 144.8 | 150.3 |
| 9          | 10 | 141         | 123.3 | 123.8 | 124.9 | 126.1 | 127.3 | 128.4 | 129.6 | 131.9 | 134.3 | 136.5 | 138.7 | 139.8 | 140.9 | 142.0 | 143.1 | 144.2 | 144.6               | 116.8 | 122.6 | 128.4 | 134.3  | 139.8 | 145.3 | 150.8 |
| 9          | 11 | 122         | 123.7 | 124.2 | 125.3 | 126.5 | 127.7 | 128.8 | 130.0 | 132.3 | 134.6 | 136.9 | 139.1 | 140.2 | 141.3 | 142.4 | 143.5 | 144.6 | 145.1               | 117.2 | 123.0 | 128.8 | 134.6  | 140.2 | 145.7 | 151.3 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

TABLE 3. HEIGHT BY AGE : BOYS

| อายุ<br>ปี | เพศ<br>N | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |        |       |       |       |       |
|------------|----------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|--------|-------|-------|-------|-------|
|            |          | P3          | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97   | -3SD                | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |       |
| 8          | 0        | 125         | 115.4 | 115.8 | 116.9 | 117.9 | 118.9 | 120.0 | 121.0 | 123.1 | 125.2 | 127.3 | 129.5 | 130.5 | 131.6 | 132.7 | 133.7 | 134.8 | 135.2               | 109.5 | 114.8 | 120.0  | 125.2 | 130.5 | 135.8 | 141.1 |
| 8          | 1        | 106         | 115.8 | 116.2 | 117.3 | 118.3 | 119.4 | 120.4 | 121.5 | 123.5 | 125.6 | 127.8 | 129.9 | 131.0 | 132.0 | 133.1 | 134.2 | 135.2 | 135.7               | 109.9 | 115.2 | 120.4  | 125.6 | 131.0 | 136.3 | 141.6 |
| 8          | 2        | 107         | 116.1 | 116.5 | 117.5 | 118.6 | 119.7 | 120.7 | 121.8 | 123.9 | 126.1 | 128.2 | 130.3 | 131.4 | 132.5 | 133.5 | 134.6 | 135.6 | 136.1               | 110.1 | 115.4 | 120.7  | 126.1 | 131.4 | 136.7 | 142.0 |
| 8          | 3        | 110         | 116.5 | 116.9 | 118.0 | 119.0 | 120.1 | 121.2 | 122.2 | 124.4 | 126.5 | 128.6 | 130.7 | 131.8 | 132.9 | 133.9 | 135.0 | 136.1 | 136.5               | 110.6 | 115.9 | 121.2  | 126.5 | 131.8 | 137.1 | 142.5 |
| 8          | 4        | 96          | 116.8 | 117.2 | 118.3 | 119.3 | 120.4 | 121.5 | 122.6 | 124.7 | 126.9 | 129.0 | 131.2 | 132.2 | 133.3 | 134.4 | 135.4 | 136.5 | 136.9               | 110.7 | 116.1 | 121.5  | 126.9 | 132.2 | 137.6 | 142.9 |
| 8          | 5        | 107         | 117.2 | 117.6 | 118.7 | 119.8 | 120.9 | 121.9 | 123.0 | 125.2 | 127.3 | 129.4 | 131.6 | 132.6 | 133.7 | 134.8 | 135.8 | 136.9 | 137.3               | 111.2 | 116.6 | 121.9  | 127.3 | 132.6 | 138.0 | 143.3 |
| 8          | 6        | 93          | 117.6 | 118.0 | 119.1 | 120.2 | 121.3 | 122.3 | 123.4 | 125.6 | 127.7 | 129.9 | 132.0 | 133.1 | 134.1 | 135.2 | 136.3 | 137.3 | 137.8               | 111.6 | 117.0 | 122.3  | 127.7 | 133.1 | 138.4 | 143.7 |
| 8          | 7        | 100         | 117.9 | 118.3 | 119.4 | 120.5 | 121.6 | 122.7 | 123.8 | 126.0 | 128.2 | 130.3 | 132.4 | 133.5 | 134.6 | 135.6 | 136.7 | 137.7 | 138.2               | 111.8 | 117.3 | 122.7  | 128.2 | 133.5 | 138.8 | 144.1 |
| 8          | 8        | 98          | 118.3 | 118.7 | 119.8 | 120.9 | 122.0 | 123.1 | 124.2 | 126.4 | 128.6 | 130.7 | 132.8 | 133.9 | 135.0 | 136.0 | 137.1 | 138.2 | 138.6               | 112.2 | 117.6 | 123.1  | 128.6 | 133.9 | 139.2 | 144.6 |
| 8          | 9        | 102         | 118.6 | 119.0 | 120.1 | 121.3 | 122.4 | 123.5 | 124.6 | 126.8 | 129.0 | 131.1 | 133.3 | 134.5 | 135.4 | 136.5 | 137.5 | 138.6 | 139.0               | 112.4 | 117.9 | 123.5  | 129.0 | 134.3 | 139.7 | 145.0 |
| 8          | 10       | 116         | 119.0 | 119.4 | 120.6 | 121.7 | 122.8 | 123.9 | 125.0 | 127.2 | 129.4 | 131.5 | 133.7 | 134.7 | 135.8 | 136.9 | 137.9 | 139.0 | 139.4               | 112.8 | 118.3 | 123.9  | 129.4 | 134.7 | 140.1 | 145.4 |
| 8          | 11       | 115         | 119.4 | 119.8 | 121.0 | 122.1 | 123.2 | 124.3 | 125.4 | 127.6 | 129.8 | 132.0 | 134.1 | 135.2 | 136.2 | 137.3 | 138.4 | 139.4 | 139.9               | 113.2 | 118.7 | 124.3  | 129.8 | 135.2 | 140.5 | 145.8 |
| 9          | 0        | 94          | 119.7 | 120.1 | 121.3 | 122.4 | 123.5 | 124.6 | 125.8 | 128.0 | 130.3 | 132.4 | 134.5 | 135.6 | 136.7 | 137.7 | 138.8 | 139.9 | 140.3               | 113.4 | 119.0 | 124.6  | 130.3 | 135.6 | 140.9 | 146.3 |
| 9          | 1        | 103         | 120.1 | 120.5 | 121.7 | 122.8 | 123.9 | 125.0 | 126.2 | 128.4 | 130.7 | 132.8 | 135.0 | 136.0 | 137.1 | 138.2 | 139.2 | 140.3 | 140.7               | 113.8 | 119.4 | 125.1  | 130.7 | 136.0 | 141.4 | 146.7 |
| 9          | 2        | 92          | 120.4 | 120.9 | 122.0 | 123.1 | 124.3 | 125.4 | 126.5 | 128.8 | 131.1 | 133.2 | 135.4 | 136.4 | 137.5 | 138.6 | 139.7 | 140.7 | 141.2               | 114.0 | 119.7 | 125.4  | 131.1 | 136.4 | 141.8 | 147.2 |
| 9          | 3        | 103         | 120.8 | 121.3 | 122.4 | 123.5 | 124.7 | 125.8 | 126.9 | 129.2 | 131.5 | 133.7 | 135.8 | 136.9 | 137.9 | 139.0 | 140.1 | 141.2 | 141.6               | 114.4 | 120.1 | 125.8  | 131.5 | 136.9 | 142.2 | 147.6 |
| 9          | 4        | 101         | 121.1 | 121.5 | 122.7 | 123.8 | 125.0 | 126.1 | 127.3 | 129.6 | 131.9 | 134.1 | 136.2 | 137.3 | 138.4 | 139.5 | 140.5 | 141.6 | 142.0               | 114.6 | 120.4 | 126.1  | 131.9 | 137.3 | 142.7 | 148.1 |
| 9          | 5        | 93          | 121.5 | 121.9 | 123.1 | 124.2 | 125.4 | 126.5 | 127.7 | 130.0 | 132.3 | 134.5 | 136.6 | 137.7 | 138.8 | 139.9 | 141.0 | 142.0 | 142.5               | 115.0 | 120.8 | 126.5  | 132.3 | 137.7 | 143.1 | 148.5 |
| 9          | 6        | 99          | 121.9 | 122.4 | 123.5 | 124.7 | 125.8 | 127.0 | 128.1 | 130.4 | 132.7 | 134.9 | 137.1 | 138.1 | 139.2 | 140.3 | 141.4 | 142.5 | 142.9               | 115.5 | 121.2 | 127.0  | 132.7 | 138.1 | 143.5 | 149.0 |
| 9          | 7        | 105         | 122.2 | 122.7 | 123.8 | 125.0 | 126.2 | 127.3 | 128.5 | 130.8 | 133.1 | 135.3 | 137.5 | 138.6 | 139.6 | 140.7 | 141.8 | 142.9 | 143.3               | 115.7 | 121.5 | 127.3  | 133.1 | 138.6 | 144.0 | 149.4 |
| 9          | 8        | 107         | 122.6 | 123.1 | 124.3 | 125.4 | 126.6 | 127.7 | 128.9 | 131.2 | 133.5 | 135.7 | 137.9 | 139.0 | 140.1 | 141.1 | 142.2 | 143.3 | 143.8               | 116.2 | 122.0 | 127.7  | 133.5 | 139.0 | 144.4 | 149.9 |
| 9          | 9        | 119         | 122.9 | 123.4 | 124.5 | 125.7 | 126.9 | 128.0 | 129.2 | 131.6 | 133.9 | 136.1 | 138.3 | 139.4 | 140.5 | 141.6 | 142.7 | 143.8 | 144.2               | 116.4 | 122.2 | 128.0  | 133.9 | 139.4 | 144.8 | 150.3 |
| 9          | 10       | 141         | 123.3 | 123.8 | 124.9 | 126.1 | 127.3 | 128.4 | 129.6 | 131.9 | 134.3 | 136.5 | 138.7 | 139.8 | 140.9 | 142.0 | 143.1 | 144.2 | 144.6               | 116.8 | 122.6 | 128.4  | 134.3 | 139.8 | 145.3 | 150.8 |
| 9          | 11       | 122         | 123.7 | 124.2 | 125.3 | 126.5 | 127.7 | 128.8 | 130.0 | 132.3 | 134.6 | 136.9 | 139.1 | 140.2 | 141.3 | 142.4 | 143.5 | 144.6 | 145.1               | 117.2 | 123.0 | 128.8  | 134.6 | 140.2 | 145.7 | 151.3 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

| อายุ |       | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
| ปี   | เดือน | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 10   | 0     | 119         | 124.0 | 124.5 | 125.6 | 126.8 | 128.0 | 129.1 | 130.3 | 132.7 | 135.0 | 137.2 | 139.5 | 140.6 | 141.7 | 142.8 | 143.9 | 145.0 | 145.5               | 117.5 | 123.3 | 129.2 | 135.0  | 140.6 | 146.2 | 151.7 |
| 10   | 1     | 96          | 124.4 | 124.9 | 126.0 | 127.2 | 128.4 | 129.5 | 130.7 | 133.0 | 135.4 | 137.6 | 139.9 | 141.0 | 142.1 | 143.2 | 144.4 | 145.5 | 145.9               | 117.9 | 123.7 | 129.5 | 135.4  | 141.0 | 146.6 | 152.2 |
| 10   | 2     | 101         | 124.7 | 125.2 | 126.3 | 127.5 | 128.7 | 129.9 | 131.0 | 133.4 | 135.7 | 138.0 | 140.3 | 141.4 | 142.5 | 143.7 | 144.8 | 145.9 | 146.4               | 118.2 | 124.0 | 129.9 | 135.7  | 141.4 | 147.1 | 152.8 |
| 10   | 3     | 139         | 125.3 | 125.7 | 126.9 | 128.0 | 129.2 | 130.3 | 131.5 | 133.8 | 136.1 | 138.4 | 140.7 | 141.8 | 143.0 | 144.1 | 145.3 | 146.4 | 146.9               | 118.8 | 124.6 | 130.3 | 136.1  | 141.8 | 147.6 | 153.3 |
| 10   | 4     | 130         | 125.5 | 126.0 | 127.1 | 128.3 | 129.4 | 130.6 | 131.8 | 134.1 | 136.4 | 138.7 | 141.1 | 142.2 | 143.4 | 144.6 | 145.7 | 146.9 | 147.4               | 119.0 | 124.8 | 130.6 | 136.4  | 142.2 | 148.1 | 153.9 |
| 10   | 5     | 114         | 125.9 | 126.4 | 127.5 | 128.7 | 129.8 | 131.0 | 132.1 | 134.4 | 136.7 | 139.1 | 141.5 | 142.7 | 143.8 | 145.0 | 146.2 | 147.4 | 147.9               | 119.4 | 125.2 | 131.0 | 136.7  | 142.7 | 148.6 | 154.5 |
| 10   | 6     | 135         | 126.2 | 126.7 | 127.8 | 129.0 | 130.1 | 131.3 | 132.5 | 134.8 | 137.1 | 139.5 | 141.9 | 143.1 | 144.3 | 145.5 | 146.7 | 147.9 | 148.4               | 119.7 | 125.5 | 131.3 | 137.1  | 143.1 | 149.1 | 155.1 |
| 10   | 7     | 124         | 126.6 | 127.1 | 128.2 | 129.4 | 130.5 | 131.7 | 132.8 | 135.2 | 137.5 | 139.9 | 142.4 | 143.6 | 144.8 | 146.0 | 147.2 | 148.5 | 148.9               | 120.2 | 125.9 | 131.7 | 137.5  | 143.6 | 149.7 | 155.8 |
| 10   | 8     | 116         | 126.9 | 127.4 | 128.6 | 129.7 | 130.9 | 132.0 | 133.2 | 135.5 | 137.8 | 140.3 | 142.8 | 144.1 | 145.3 | 146.5 | 147.8 | 149.0 | 149.5               | 120.5 | 126.3 | 132.0 | 137.8  | 144.0 | 150.3 | 156.5 |
| 10   | 9     | 119         | 127.3 | 127.8 | 128.9 | 130.1 | 131.3 | 132.4 | 133.6 | 135.9 | 138.2 | 140.8 | 143.3 | 144.5 | 145.8 | 147.1 | 148.3 | 149.6 | 150.1               | 120.8 | 126.6 | 132.4 | 138.2  | 144.5 | 150.9 | 157.2 |
| 10   | 10    | 144         | 127.5 | 128.1 | 129.2 | 130.4 | 131.6 | 132.8 | 133.9 | 136.3 | 138.6 | 141.2 | 143.8 | 145.1 | 146.3 | 147.6 | 148.9 | 150.2 | 150.7               | 121.0 | 126.9 | 132.8 | 138.6  | 145.1 | 151.5 | 157.9 |
| 10   | 11    | 119         | 127.9 | 128.4 | 129.6 | 130.7 | 131.9 | 133.1 | 134.3 | 136.7 | 139.1 | 141.7 | 144.3 | 145.6 | 146.9 | 148.2 | 149.5 | 150.8 | 151.3               | 121.3 | 127.2 | 133.1 | 139.1  | 145.6 | 152.1 | 158.6 |
| 11   | 0     | 133         | 128.2 | 128.7 | 129.9 | 131.1 | 132.3 | 133.5 | 134.7 | 137.1 | 139.5 | 142.1 | 144.8 | 146.1 | 147.5 | 148.8 | 150.1 | 151.4 | 152.0               | 121.5 | 127.5 | 133.5 | 139.5  | 146.1 | 152.8 | 159.4 |
| 11   | 1     | 123         | 128.6 | 129.1 | 130.3 | 131.5 | 132.7 | 133.9 | 135.1 | 137.5 | 139.9 | 142.6 | 145.3 | 146.7 | 148.0 | 149.4 | 150.7 | 152.1 | 152.6               | 121.9 | 127.9 | 133.9 | 139.9  | 146.7 | 153.4 | 160.2 |
| 11   | 2     | 107         | 128.9 | 129.3 | 130.6 | 131.8 | 133.0 | 134.3 | 135.5 | 137.9 | 140.4 | 143.1 | 145.9 | 147.2 | 148.6 | 150.0 | 151.4 | 152.7 | 153.3               | 122.0 | 128.1 | 134.3 | 140.4  | 147.2 | 154.1 | 160.9 |
| 11   | 3     | 122         | 129.2 | 129.7 | 130.9 | 132.2 | 133.4 | 134.7 | 135.9 | 138.4 | 140.9 | 143.7 | 146.4 | 147.8 | 149.2 | 150.6 | 152.0 | 153.4 | 153.9               | 122.2 | 128.4 | 134.7 | 140.9  | 147.8 | 154.8 | 161.7 |
| 11   | 4     | 115         | 129.6 | 130.1 | 131.4 | 132.6 | 133.9 | 135.1 | 136.4 | 138.9 | 141.4 | 144.2 | 147.0 | 148.4 | 149.8 | 151.2 | 152.6 | 154.0 | 154.6               | 122.6 | 128.9 | 135.1 | 141.4  | 148.4 | 155.4 | 162.5 |
| 11   | 5     | 108         | 129.9 | 130.4 | 131.7 | 133.0 | 134.2 | 135.5 | 136.8 | 139.3 | 141.9 | 144.7 | 147.6 | 149.0 | 150.4 | 151.8 | 153.3 | 154.7 | 155.2               | 122.8 | 129.1 | 135.5 | 141.9  | 149.0 | 156.1 | 163.2 |
| 11   | 6     | 108         | 130.2 | 130.7 | 132.0 | 133.3 | 134.6 | 135.9 | 137.2 | 139.8 | 142.4 | 145.3 | 148.1 | 149.6 | 151.0 | 152.4 | 153.9 | 155.3 | 155.9               | 122.9 | 129.4 | 135.9 | 142.4  | 149.6 | 156.8 | 163.9 |
| 11   | 7     | 138         | 130.6 | 131.1 | 132.4 | 133.7 | 135.0 | 136.4 | 137.7 | 140.3 | 142.9 | 145.8 | 148.7 | 150.2 | 151.6 | 153.1 | 154.5 | 156.0 | 156.5               | 123.3 | 129.8 | 136.4 | 142.9  | 150.1 | 157.4 | 164.7 |
| 11   | 8     | 113         | 130.9 | 131.4 | 132.7 | 134.1 | 135.4 | 136.7 | 138.1 | 140.7 | 143.4 | 146.3 | 149.3 | 150.7 | 152.2 | 153.7 | 155.1 | 156.6 | 157.2               | 123.4 | 130.1 | 136.7 | 143.4  | 150.7 | 158.1 | 165.4 |
| 11   | 9     | 134         | 131.3 | 131.8 | 133.2 | 134.5 | 135.9 | 137.2 | 138.6 | 141.3 | 144.0 | 146.9 | 149.9 | 151.3 | 152.8 | 154.3 | 155.8 | 157.2 | 157.8               | 123.8 | 130.5 | 137.2 | 144.0  | 151.3 | 158.7 | 166.1 |
| 11   | 10    | 131         | 131.7 | 132.2 | 133.6 | 135.0 | 136.3 | 137.7 | 139.1 | 141.8 | 144.5 | 147.5 | 150.5 | 151.9 | 153.4 | 154.9 | 156.4 | 157.9 | 158.5               | 124.1 | 130.9 | 137.7 | 144.5  | 151.9 | 159.4 | 166.8 |
| 11   | 11    | 140         | 132.0 | 132.6 | 133.9 | 135.3 | 136.7 | 138.1 | 139.5 | 142.3 | 145.1 | 148.1 | 151.0 | 152.5 | 154.0 | 155.5 | 157.0 | 158.5 | 159.1               | 124.2 | 131.2 | 138.1 | 145.1  | 152.5 | 160.0 | 167.5 |

TABLE 3. HEIGHT BY AGE : BOYS

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

| อายุ<br>ปี เดือน |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
|                  |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 12               | 0  | 140         | 132.4 | 133.0 | 134.4 | 135.8 | 137.2 | 138.6 | 140.0 | 142.8 | 145.6 | 148.7 | 151.7 | 153.2 | 154.7 | 156.2 | 157.7 | 159.2 | 159.8               | 124.5 | 131.6 | 138.6 | 145.6  | 153.2 | 160.7 | 168.2 |
| 12               | 1  | 119         | 132.8 | 133.4 | 134.8 | 136.2 | 137.7 | 139.1 | 140.5 | 143.4 | 146.2 | 149.2 | 152.3 | 153.8 | 155.3 | 156.8 | 158.3 | 159.8 | 160.4               | 124.8 | 131.9 | 139.1 | 146.2  | 153.8 | 161.3 | 168.8 |
| 12               | 2  | 132         | 133.2 | 133.8 | 135.2 | 136.7 | 138.2 | 139.6 | 141.1 | 144.0 | 146.9 | 149.9 | 152.9 | 154.4 | 155.9 | 157.4 | 158.9 | 160.4 | 161.0               | 125.0 | 132.3 | 139.6 | 146.9  | 154.4 | 161.9 | 169.4 |
| 12               | 3  | 137         | 133.6 | 134.2 | 135.7 | 137.1 | 138.6 | 140.1 | 141.6 | 144.5 | 147.5 | 150.5 | 153.5 | 155.0 | 156.5 | 158.0 | 159.5 | 161.0 | 161.6               | 125.3 | 132.7 | 140.1 | 147.5  | 155.0 | 162.5 | 170.1 |
| 12               | 4  | 140         | 134.1 | 134.7 | 136.2 | 137.7 | 139.2 | 140.6 | 142.1 | 145.1 | 148.1 | 151.1 | 154.1 | 155.6 | 157.1 | 158.6 | 160.2 | 161.7 | 162.3               | 125.8 | 133.2 | 140.6 | 148.1  | 155.6 | 163.2 | 170.7 |
| 12               | 5  | 122         | 134.5 | 135.1 | 136.6 | 138.1 | 139.6 | 141.1 | 142.7 | 145.7 | 148.7 | 151.7 | 154.7 | 156.3 | 157.8 | 159.3 | 160.8 | 162.3 | 162.9               | 126.1 | 133.6 | 141.1 | 148.7  | 156.2 | 163.8 | 171.4 |
| 12               | 6  | 131         | 134.9 | 135.5 | 137.1 | 138.6 | 140.1 | 141.7 | 143.2 | 146.3 | 149.4 | 152.4 | 155.4 | 156.9 | 158.4 | 159.9 | 161.4 | 162.9 | 163.5               | 126.3 | 134.0 | 141.7 | 149.4  | 156.9 | 164.4 | 171.9 |
| 12               | 7  | 138         | 135.4 | 136.0 | 137.6 | 139.1 | 140.7 | 142.2 | 143.8 | 146.9 | 150.0 | 153.0 | 156.0 | 157.5 | 159.0 | 160.5 | 162.0 | 163.6 | 164.2               | 126.7 | 134.5 | 142.2 | 150.0  | 157.5 | 165.1 | 172.6 |
| 12               | 8  | 141         | 135.9 | 136.5 | 138.1 | 139.7 | 141.2 | 142.8 | 144.4 | 147.5 | 150.6 | 153.6 | 156.7 | 158.2 | 159.7 | 161.2 | 162.7 | 164.2 | 164.8               | 127.1 | 135.0 | 142.8 | 150.6  | 158.2 | 165.7 | 173.2 |
| 12               | 9  | 149         | 136.3 | 136.9 | 138.5 | 140.1 | 141.7 | 143.3 | 144.9 | 148.1 | 151.3 | 154.3 | 157.3 | 158.8 | 160.3 | 161.8 | 163.3 | 164.8 | 165.4               | 127.4 | 135.4 | 143.3 | 151.3  | 158.8 | 166.3 | 173.8 |
| 12               | 10 | 133         | 136.8 | 137.4 | 139.1 | 140.7 | 142.3 | 143.9 | 145.5 | 148.7 | 151.9 | 154.9 | 157.9 | 159.4 | 160.9 | 162.4 | 163.9 | 165.4 | 166.0               | 127.8 | 135.8 | 143.9 | 151.9  | 159.4 | 166.9 | 174.4 |
| 12               | 11 | 149         | 137.3 | 138.0 | 139.6 | 141.2 | 142.8 | 144.5 | 146.1 | 149.3 | 152.6 | 155.6 | 158.6 | 160.1 | 161.6 | 163.1 | 164.6 | 166.1 | 166.7               | 128.2 | 136.3 | 144.5 | 152.6  | 160.1 | 167.5 | 175.0 |
| 13               | 0  | 141         | 137.8 | 138.5 | 140.1 | 141.7 | 143.4 | 145.0 | 146.6 | 149.9 | 153.2 | 156.2 | 159.2 | 160.7 | 162.2 | 163.7 | 165.2 | 166.7 | 167.3               | 128.6 | 136.8 | 145.0 | 153.2  | 160.7 | 168.2 | 175.6 |
| 13               | 1  | 161         | 138.3 | 139.0 | 140.6 | 142.3 | 143.9 | 145.6 | 147.2 | 150.5 | 153.8 | 156.8 | 159.8 | 161.3 | 162.8 | 164.3 | 165.8 | 167.3 | 167.9               | 129.1 | 137.3 | 145.6 | 153.8  | 161.3 | 168.7 | 176.2 |
| 13               | 2  | 145         | 138.8 | 139.5 | 141.1 | 142.8 | 144.4 | 146.1 | 147.8 | 151.1 | 154.4 | 157.4 | 160.3 | 161.8 | 163.3 | 164.8 | 166.3 | 167.7 | 168.3               | 129.5 | 137.8 | 146.1 | 154.4  | 161.8 | 169.2 | 176.6 |
| 13               | 3  | 133         | 139.3 | 140.0 | 141.6 | 143.3 | 145.0 | 146.6 | 148.3 | 151.7 | 155.0 | 157.9 | 160.9 | 162.4 | 163.8 | 165.3 | 166.8 | 168.3 | 168.9               | 130.0 | 138.3 | 146.7 | 155.0  | 162.4 | 169.7 | 177.1 |
| 13               | 4  | 148         | 139.8 | 140.5 | 142.2 | 143.8 | 145.5 | 147.2 | 148.9 | 152.2 | 155.6 | 158.5 | 161.4 | 162.9 | 164.4 | 165.8 | 167.3 | 168.8 | 169.3               | 130.4 | 138.8 | 147.2 | 155.6  | 162.9 | 170.2 | 177.5 |
| 13               | 5  | 129         | 140.3 | 141.0 | 142.7 | 144.4 | 146.1 | 147.7 | 149.4 | 152.8 | 156.2 | 159.1 | 162.0 | 163.4 | 164.9 | 166.3 | 167.8 | 169.2 | 169.8               | 130.8 | 139.3 | 147.7 | 158.2  | 163.4 | 170.7 | 177.9 |
| 13               | 6  | 131         | 140.8 | 141.5 | 143.2 | 144.9 | 146.6 | 148.3 | 150.0 | 153.5 | 156.9 | 159.7 | 162.6 | 164.0 | 165.4 | 166.9 | 168.3 | 169.7 | 170.3               | 131.2 | 139.8 | 148.3 | 156.9  | 164.0 | 171.1 | 178.2 |
| 13               | 7  | 153         | 141.4 | 142.1 | 143.8 | 145.5 | 147.3 | 149.0 | 150.7 | 154.2 | 157.6 | 160.4 | 163.2 | 164.6 | 166.0 | 167.3 | 168.7 | 170.1 | 170.7               | 131.8 | 140.4 | 149.0 | 157.6  | 164.6 | 171.5 | 178.5 |
| 13               | 8  | 141         | 141.9 | 142.6 | 144.3 | 146.1 | 147.8 | 149.5 | 151.3 | 154.7 | 158.2 | 160.9 | 163.7 | 165.0 | 166.4 | 167.8 | 169.2 | 170.5 | 171.1               | 132.2 | 140.9 | 149.5 | 158.2  | 165.0 | 171.9 | 178.8 |
| 13               | 9  | 145         | 142.5 | 143.2 | 144.9 | 146.7 | 148.4 | 150.1 | 151.9 | 155.3 | 158.8 | 161.5 | 164.2 | 165.5 | 166.9 | 168.2 | 169.6 | 170.9 | 171.5               | 132.8 | 141.5 | 150.1 | 158.8  | 165.5 | 172.3 | 179.0 |
| 13               | 10 | 149         | 143.0 | 143.7 | 145.4 | 147.2 | 148.9 | 150.7 | 152.4 | 155.9 | 159.4 | 162.0 | 164.7 | 166.0 | 167.3 | 168.6 | 170.0 | 171.3 | 171.8               | 133.3 | 142.0 | 150.7 | 159.4  | 166.0 | 172.6 | 179.2 |
| 13               | 11 | 128         | 143.5 | 144.2 | 145.9 | 147.7 | 149.4 | 151.2 | 152.9 | 156.4 | 159.9 | 162.5 | 165.1 | 166.4 | 167.7 | 169.0 | 170.3 | 171.6 | 172.1               | 133.7 | 142.5 | 151.2 | 159.9  | 166.4 | 172.9 | 179.4 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

| อายุ<br>ปี เดือน |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
|                  |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 14               | 0  | 118         | 144.0 | 144.7 | 146.5 | 148.2 | 150.0 | 151.7 | 153.5 | 157.0 | 160.5 | 163.0 | 165.6 | 166.8 | 168.1 | 169.4 | 170.7 | 171.9 | 172.4               | 134.2 | 143.0 | 151.7 | 160.5  | 166.8 | 173.2 | 179.6 |
| 14               | 1  | 136         | 144.6 | 145.3 | 147.0 | 148.8 | 150.5 | 152.3 | 154.0 | 157.5 | 161.0 | 163.5 | 166.0 | 167.2 | 168.5 | 169.7 | 171.0 | 172.2 | 172.7               | 134.9 | 143.6 | 152.3 | 161.0  | 167.2 | 173.5 | 179.7 |
| 14               | 2  | 148         | 145.1 | 145.8 | 147.5 | 149.3 | 151.0 | 152.7 | 154.5 | 158.0 | 161.4 | 163.9 | 166.3 | 167.6 | 168.8 | 170.0 | 171.2 | 172.5 | 173.0               | 135.4 | 144.1 | 152.7 | 161.4  | 167.6 | 173.7 | 179.8 |
| 14               | 3  | 138         | 145.6 | 146.3 | 148.0 | 149.7 | 151.5 | 153.2 | 154.9 | 158.4 | 161.9 | 164.3 | 166.7 | 167.9 | 169.1 | 170.3 | 171.5 | 172.7 | 173.2               | 135.9 | 144.6 | 153.2 | 161.9  | 167.9 | 173.9 | 180.0 |
| 14               | 4  | 143         | 146.1 | 146.8 | 148.5 | 150.2 | 151.9 | 153.7 | 155.4 | 158.8 | 162.3 | 164.8 | 167.0 | 168.2 | 169.4 | 170.6 | 171.8 | 173.0 | 173.4               | 136.5 | 145.1 | 153.7 | 162.3  | 168.2 | 174.1 | 180.1 |
| 14               | 5  | 119         | 146.6 | 147.3 | 149.0 | 150.7 | 152.4 | 154.1 | 155.8 | 159.2 | 162.6 | 165.0 | 167.3 | 168.5 | 169.7 | 170.9 | 172.0 | 173.2 | 173.7               | 137.1 | 145.6 | 154.1 | 162.6  | 168.5 | 174.4 | 180.3 |
| 14               | 6  | 119         | 147.2 | 147.8 | 149.5 | 151.2 | 152.9 | 154.6 | 156.3 | 159.6 | 163.0 | 165.3 | 167.6 | 168.8 | 170.0 | 171.1 | 172.3 | 173.5 | 173.9               | 137.7 | 146.2 | 154.6 | 163.0  | 168.8 | 174.6 | 180.4 |
| 14               | 7  | 113         | 147.7 | 148.4 | 150.0 | 151.7 | 153.4 | 155.0 | 156.7 | 160.0 | 163.3 | 165.6 | 167.9 | 169.1 | 170.2 | 171.4 | 172.5 | 173.7 | 174.2               | 138.4 | 146.7 | 155.0 | 163.3  | 169.1 | 174.8 | 180.6 |
| 14               | 8  | 122         | 148.3 | 148.9 | 150.6 | 152.2 | 153.8 | 155.5 | 157.1 | 160.4 | 163.6 | 165.9 | 168.2 | 169.4 | 170.5 | 171.6 | 172.8 | 173.9 | 174.4               | 139.2 | 147.3 | 155.5 | 163.6  | 169.3 | 175.1 | 180.8 |
| 14               | 9  | 112         | 148.9 | 149.5 | 151.1 | 152.7 | 154.3 | 155.9 | 157.5 | 160.7 | 163.9 | 166.2 | 168.5 | 169.6 | 170.8 | 171.9 | 173.0 | 174.2 | 174.6               | 139.9 | 147.9 | 155.9 | 163.9  | 169.6 | 175.3 | 181.0 |
| 14               | 10 | 114         | 149.5 | 150.1 | 151.7 | 153.2 | 154.8 | 156.4 | 157.9 | 161.0 | 164.2 | 166.5 | 168.7 | 169.9 | 171.0 | 172.1 | 173.3 | 174.4 | 174.9               | 140.7 | 148.5 | 156.4 | 164.2  | 169.9 | 175.6 | 181.3 |
| 14               | 11 | 122         | 150.1 | 150.7 | 152.2 | 153.7 | 155.3 | 156.8 | 158.3 | 161.4 | 164.4 | 166.7 | 169.0 | 170.1 | 171.3 | 172.4 | 173.5 | 174.7 | 175.1               | 141.5 | 149.1 | 156.8 | 164.4  | 170.1 | 175.8 | 181.5 |
| 15               | 0  | 120         | 150.7 | 151.3 | 152.7 | 154.2 | 155.7 | 157.2 | 158.7 | 161.7 | 164.7 | 167.0 | 169.2 | 170.4 | 171.5 | 172.6 | 173.8 | 174.9 | 175.4               | 142.3 | 149.8 | 157.2 | 164.7  | 170.4 | 176.0 | 181.7 |
| 15               | 1  | 107         | 151.2 | 151.8 | 153.3 | 154.7 | 156.2 | 157.7 | 159.1 | 162.0 | 165.0 | 167.2 | 169.5 | 170.6 | 171.8 | 172.9 | 174.0 | 175.2 | 175.6               | 143.1 | 150.4 | 157.7 | 165.0  | 170.6 | 176.3 | 182.0 |
| 15               | 2  | 95          | 151.8 | 152.4 | 153.8 | 155.2 | 156.7 | 158.1 | 159.5 | 162.4 | 165.2 | 167.5 | 169.7 | 170.9 | 172.0 | 173.1 | 174.3 | 175.4 | 175.9               | 143.9 | 151.0 | 158.1 | 165.2  | 170.9 | 176.5 | 182.2 |
| 15               | 3  | 90          | 152.4 | 152.9 | 154.3 | 155.7 | 157.1 | 158.5 | 159.9 | 162.7 | 165.4 | 167.7 | 170.0 | 171.1 | 172.3 | 173.4 | 174.5 | 175.7 | 176.1               | 144.6 | 151.6 | 158.5 | 165.4  | 171.1 | 176.8 | 182.5 |
| 15               | 4  | 108         | 152.9 | 153.5 | 154.8 | 156.2 | 157.5 | 158.9 | 160.2 | 163.0 | 165.7 | 168.0 | 170.2 | 171.4 | 172.5 | 173.6 | 174.8 | 175.9 | 176.4               | 145.3 | 152.1 | 158.9 | 165.7  | 171.4 | 177.0 | 182.7 |
| 15               | 5  | 102         | 153.4 | 153.9 | 155.3 | 156.6 | 157.9 | 159.3 | 160.6 | 163.3 | 165.9 | 168.2 | 170.5 | 171.6 | 172.7 | 173.9 | 175.0 | 176.1 | 176.6               | 146.0 | 152.6 | 159.3 | 165.9  | 171.6 | 177.3 | 182.9 |
| 15               | 6  | 94          | 153.9 | 154.4 | 155.7 | 157.0 | 158.3 | 159.6 | 160.9 | 163.5 | 166.2 | 168.4 | 170.7 | 171.8 | 173.0 | 174.1 | 175.2 | 176.4 | 176.8               | 146.6 | 153.1 | 159.6 | 166.2  | 171.8 | 177.5 | 183.2 |
| 15               | 7  | 75          | 154.3 | 154.8 | 156.1 | 157.4 | 158.7 | 160.0 | 161.2 | 163.8 | 166.4 | 168.7 | 170.9 | 172.1 | 173.2 | 174.3 | 175.5 | 176.6 | 177.0               | 147.1 | 153.5 | 160.0 | 166.4  | 172.1 | 177.7 | 183.4 |
| 15               | 8  | 80          | 154.7 | 155.2 | 156.5 | 157.7 | 159.0 | 160.3 | 161.5 | 164.1 | 166.6 | 168.9 | 171.1 | 172.3 | 173.4 | 174.5 | 175.7 | 176.8 | 177.3               | 147.6 | 153.9 | 160.3 | 166.6  | 172.3 | 177.9 | 183.6 |
| 15               | 9  | 89          | 155.1 | 155.6 | 156.9 | 158.1 | 159.3 | 160.6 | 161.8 | 164.3 | 166.9 | 169.1 | 171.4 | 172.5 | 173.6 | 174.8 | 175.9 | 177.0 | 177.5               | 148.0 | 154.3 | 160.6 | 166.9  | 172.5 | 178.1 | 183.8 |
| 15               | 10 | 83          | 155.4 | 155.9 | 157.1 | 158.4 | 159.6 | 160.9 | 162.1 | 164.6 | 167.1 | 169.3 | 171.6 | 172.7 | 173.8 | 175.0 | 176.1 | 177.2 | 177.7               | 148.4 | 154.6 | 160.9 | 167.1  | 172.7 | 178.3 | 183.9 |
| 15               | 11 | 94          | 155.7 | 156.2 | 157.4 | 158.7 | 159.9 | 161.1 | 162.4 | 164.8 | 167.3 | 169.6 | 171.8 | 172.9 | 174.1 | 175.2 | 176.3 | 177.4 | 177.9               | 148.8 | 155.0 | 161.1 | 167.3  | 172.9 | 178.5 | 184.2 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

| อายุ<br>ปี เดือน |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
|                  |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 16               | 0  | 105         | 156.0 | 156.5 | 157.7 | 158.9 | 160.1 | 161.4 | 162.6 | 165.1 | 167.5 | 169.8 | 172.0 | 173.1 | 174.2 | 175.3 | 176.4 | 177.6 | 178.0               | 149.1 | 155.2 | 161.4 | 167.5  | 173.1 | 178.7 | 184.2 |
| 16               | 1  | 73          | 156.2 | 156.7 | 157.9 | 159.2 | 160.4 | 161.6 | 162.8 | 165.3 | 167.7 | 169.9 | 172.2 | 173.3 | 174.4 | 175.5 | 176.6 | 177.7 | 178.1               | 149.4 | 155.5 | 161.6 | 167.7  | 173.3 | 178.8 | 184.3 |
| 16               | 2  | 94          | 156.5 | 156.9 | 158.2 | 159.4 | 160.6 | 161.8 | 163.0 | 165.5 | 167.9 | 170.1 | 172.3 | 173.4 | 174.5 | 175.6 | 176.7 | 177.8 | 178.2               | 149.6 | 155.7 | 161.8 | 167.9  | 173.4 | 178.9 | 184.4 |
| 16               | 3  | 101         | 156.7 | 157.2 | 158.4 | 159.6 | 160.8 | 162.0 | 163.3 | 165.7 | 168.1 | 170.3 | 172.5 | 173.6 | 174.6 | 175.7 | 176.8 | 177.9 | 178.3               | 149.9 | 156.0 | 162.0 | 168.1  | 173.5 | 179.0 | 184.4 |
| 16               | 4  | 82          | 156.9 | 157.4 | 158.6 | 159.8 | 161.0 | 162.2 | 163.4 | 165.9 | 168.3 | 170.5 | 172.6 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 178.4               | 150.1 | 156.2 | 162.2 | 168.3  | 173.7 | 179.1 | 184.4 |
| 16               | 5  | 83          | 157.1 | 157.6 | 158.8 | 160.0 | 161.2 | 162.4 | 163.6 | 166.0 | 168.5 | 170.6 | 172.7 | 173.8 | 174.9 | 176.0 | 177.0 | 178.1 | 178.5               | 150.3 | 156.4 | 162.4 | 168.5  | 173.8 | 179.2 | 184.5 |
| 16               | 6  | 98          | 157.3 | 157.7 | 158.9 | 160.2 | 161.4 | 162.6 | 163.8 | 166.2 | 168.6 | 170.7 | 172.9 | 173.9 | 175.0 | 176.1 | 177.1 | 178.2 | 178.6               | 150.5 | 156.5 | 162.6 | 168.6  | 173.9 | 179.2 | 184.6 |
| 16               | 7  | 80          | 157.4 | 157.9 | 159.1 | 160.3 | 161.5 | 162.7 | 163.9 | 166.3 | 168.8 | 170.9 | 173.0 | 174.1 | 175.1 | 176.2 | 177.2 | 178.3 | 178.7               | 150.7 | 156.7 | 162.7 | 168.8  | 174.1 | 179.3 | 184.6 |
| 16               | 8  | 92          | 157.6 | 158.1 | 159.3 | 160.5 | 161.7 | 162.9 | 164.1 | 166.5 | 168.9 | 171.0 | 173.1 | 174.2 | 175.2 | 176.3 | 177.3 | 178.4 | 178.8               | 150.8 | 156.9 | 162.9 | 168.9  | 174.2 | 179.4 | 184.7 |
| 16               | 9  | 91          | 157.7 | 158.2 | 159.4 | 160.6 | 161.8 | 163.0 | 164.2 | 166.6 | 169.0 | 171.1 | 173.2 | 174.3 | 175.3 | 176.4 | 177.4 | 178.5 | 178.9               | 151.0 | 157.0 | 163.0 | 169.0  | 174.3 | 179.5 | 184.8 |
| 16               | 10 | 96          | 157.9 | 158.3 | 159.5 | 160.7 | 161.9 | 163.1 | 164.3 | 166.7 | 169.1 | 171.2 | 173.3 | 174.4 | 175.4 | 176.5 | 177.5 | 178.6 | 179.0               | 151.2 | 157.2 | 163.1 | 169.1  | 174.4 | 179.6 | 184.9 |
| 16               | 11 | 109         | 158.0 | 158.5 | 159.7 | 160.8 | 162.0 | 163.2 | 164.4 | 166.8 | 169.2 | 171.3 | 173.4 | 174.4 | 175.5 | 176.6 | 177.6 | 178.7 | 179.1               | 151.4 | 157.3 | 163.2 | 169.2  | 174.4 | 179.7 | 185.0 |
| 17               | 0  | 115         | 158.1 | 158.6 | 159.8 | 161.0 | 162.1 | 163.3 | 164.5 | 166.9 | 169.2 | 171.3 | 173.5 | 174.5 | 175.6 | 176.6 | 177.7 | 178.8 | 179.2               | 151.5 | 157.4 | 163.3 | 169.2  | 174.5 | 179.8 | 185.1 |
| 17               | 1  | 107         | 158.3 | 158.7 | 159.9 | 161.1 | 162.2 | 163.4 | 164.6 | 166.9 | 169.3 | 171.4 | 173.5 | 174.6 | 175.6 | 176.7 | 177.8 | 178.8 | 179.2               | 151.7 | 157.6 | 163.4 | 169.3  | 174.6 | 179.9 | 185.2 |
| 17               | 2  | 93          | 158.4 | 158.8 | 160.0 | 161.2 | 162.3 | 163.5 | 164.7 | 167.0 | 169.3 | 171.4 | 173.6 | 174.6 | 175.7 | 176.8 | 177.8 | 178.9 | 179.3               | 151.9 | 157.7 | 163.5 | 169.3  | 174.6 | 179.9 | 185.3 |
| 17               | 3  | 114         | 158.5 | 159.0 | 160.1 | 161.3 | 162.4 | 163.6 | 164.7 | 167.0 | 169.3 | 171.5 | 173.6 | 174.7 | 175.7 | 176.8 | 177.9 | 178.9 | 179.4               | 152.0 | 157.8 | 163.6 | 169.3  | 174.7 | 180.0 | 185.3 |
| 17               | 4  | 86          | 158.6 | 159.1 | 160.2 | 161.4 | 162.5 | 163.6 | 164.8 | 167.1 | 169.4 | 171.5 | 173.6 | 174.7 | 175.8 | 176.8 | 177.9 | 179.0 | 179.4               | 152.2 | 157.9 | 163.7 | 169.4  | 174.7 | 180.0 | 185.4 |
| 17               | 5  | 104         | 158.7 | 159.2 | 160.3 | 161.5 | 162.6 | 163.7 | 164.9 | 167.1 | 169.4 | 171.5 | 173.7 | 174.7 | 175.8 | 176.9 | 177.9 | 179.0 | 179.4               | 152.4 | 158.1 | 163.7 | 169.4  | 174.7 | 180.1 | 185.4 |
| 17               | 6  | 87          | 158.8 | 159.3 | 160.4 | 161.5 | 162.7 | 163.8 | 164.9 | 167.2 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.0 | 179.5               | 152.6 | 158.2 | 163.8 | 169.4  | 174.7 | 180.1 | 185.4 |
| 17               | 7  | 113         | 158.9 | 159.4 | 160.5 | 161.6 | 162.7 | 163.8 | 164.9 | 167.2 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.0 | 179.5               | 152.7 | 158.3 | 163.8 | 169.4  | 174.8 | 180.1 | 185.5 |
| 17               | 8  | 80          | 159.0 | 159.5 | 160.6 | 161.7 | 162.8 | 163.9 | 165.0 | 167.2 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 152.9 | 158.4 | 163.9 | 169.4  | 174.8 | 180.1 | 185.5 |
| 17               | 9  | 110         | 159.1 | 159.6 | 160.7 | 161.8 | 162.8 | 163.9 | 165.0 | 167.2 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 153.0 | 158.5 | 163.9 | 169.4  | 174.8 | 180.1 | 185.5 |
| 17               | 10 | 98          | 159.2 | 159.6 | 160.7 | 161.8 | 162.9 | 164.0 | 165.1 | 167.2 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 153.1 | 158.6 | 164.0 | 169.4  | 174.8 | 180.1 | 185.5 |
| 17               | 11 | 116         | 159.3 | 159.7 | 160.8 | 161.9 | 162.9 | 164.0 | 165.1 | 167.2 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 153.3 | 158.6 | 164.0 | 169.4  | 174.8 | 180.1 | 185.5 |

ตารางที่ 3 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศชาย

| อายุ |       | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
| ปี   | เดือน | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 18   | 0     | 83          | 159.3 | 159.8 | 160.8 | 161.9 | 163.0 | 164.1 | 165.1 | 167.3 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 153.4 | 158.7 | 164.1 | 169.4  | 174.8 | 180.1 | 185.5 |
| 18   | 1     | 63          | 159.4 | 159.8 | 160.9 | 162.0 | 163.0 | 164.1 | 165.1 | 167.3 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 153.5 | 158.8 | 164.1 | 169.4  | 174.8 | 180.1 | 185.5 |
| 18   | 2     | 81          | 159.5 | 159.9 | 160.9 | 162.0 | 163.1 | 164.1 | 165.2 | 167.3 | 169.4 | 171.5 | 173.7 | 174.8 | 175.8 | 176.9 | 178.0 | 179.1 | 179.5               | 153.5 | 158.8 | 164.1 | 169.4  | 174.8 | 180.1 | 185.5 |
| 18   | 3     | 79          | 159.5 | 159.9 | 161.0 | 162.1 | 163.1 | 164.2 | 165.2 | 167.4 | 169.5 | 171.6 | 173.8 | 174.8 | 175.9 | 176.9 | 178.0 | 179.1 | 179.5               | 153.6 | 158.9 | 164.2 | 169.5  | 174.8 | 180.1 | 185.5 |
| 18   | 4     | 81          | 159.5 | 160.0 | 161.0 | 162.1 | 163.1 | 164.2 | 165.3 | 167.4 | 169.5 | 171.6 | 173.8 | 174.8 | 175.9 | 176.9 | 178.0 | 179.1 | 179.5               | 153.6 | 158.9 | 164.2 | 169.5  | 174.8 | 180.1 | 185.5 |
| 18   | 5     | 66          | 159.6 | 160.0 | 161.1 | 162.1 | 163.2 | 164.2 | 165.3 | 167.4 | 169.5 | 171.6 | 173.8 | 174.9 | 175.9 | 177.0 | 178.1 | 179.2 | 179.6               | 153.7 | 159.0 | 164.2 | 169.5  | 174.9 | 180.2 | 185.6 |
| 18   | 6     | 84          | 159.6 | 160.0 | 161.1 | 162.2 | 163.2 | 164.3 | 165.3 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.7 | 159.0 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 18   | 7     | 73          | 159.6 | 160.1 | 161.1 | 162.2 | 163.2 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.7 | 159.0 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 18   | 8     | 105         | 159.7 | 160.1 | 161.1 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.7 | 159.0 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 18   | 9     | 87          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 18   | 10    | 71          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 18   | 11    | 68          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 0     | 69          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 1     | 73          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 2     | 48          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 3     | 61          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 4     | 65          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 5     | 70          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 6     | 63          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 7     | 59          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 8     | 62          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 9     | 43          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 10    | 21          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |
| 19   | 11    | 62          | 159.7 | 160.1 | 161.2 | 162.2 | 163.3 | 164.3 | 165.4 | 167.5 | 169.6 | 171.7 | 173.9 | 174.9 | 176.0 | 177.0 | 178.1 | 179.2 | 179.6               | 153.8 | 159.1 | 164.3 | 169.6  | 174.9 | 180.2 | 185.6 |

ตารางที่ 4 ความยาวตามเกณฑ์อายุ 0-23 เดือน เพศหญิง

| อายุ<br>ปี เดือน | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0                | 96          | 46.0 | 46.2 | 46.6 | 47.0 | 47.4 | 47.8 | 48.2 | 49.0 | 49.8 | 50.6 | 51.5 | 51.9 | 52.3 | 52.7 | 53.1 | 53.5 | 53.7                | 43.7 | 45.8 | 47.8 | 49.8   | 51.9 | 53.9 | 56.0 |
| 1                | 16          | 48.6 | 48.8 | 49.2 | 49.6 | 50.0 | 50.4 | 50.8 | 51.7 | 52.5 | 53.4 | 54.4 | 54.8 | 55.3 | 55.8 | 56.2 | 56.7 | 56.9                | 46.3 | 48.4 | 50.4 | 52.5   | 54.8 | 57.2 | 59.5 |
| 2                | 60          | 51.2 | 51.4 | 51.8 | 52.2 | 52.6 | 53.1 | 53.5 | 54.3 | 55.2 | 56.2 | 57.2 | 57.8 | 58.3 | 58.8 | 59.3 | 59.8 | 60.0                | 48.8 | 50.9 | 53.1 | 55.2   | 57.8 | 60.3 | 62.9 |
| 3                | 13          | 53.6 | 53.8 | 54.2 | 54.6 | 55.1 | 55.5 | 56.0 | 56.8 | 57.7 | 58.8 | 59.9 | 60.5 | 61.0 | 61.6 | 62.1 | 62.7 | 62.9                | 51.2 | 53.3 | 55.5 | 57.7   | 60.5 | 63.2 | 66.0 |
| 4                | 48          | 55.9 | 56.1 | 56.5 | 57.0 | 57.4 | 57.9 | 58.3 | 59.2 | 60.1 | 61.3 | 62.4 | 63.0 | 63.6 | 64.2 | 64.8 | 65.4 | 65.6                | 53.4 | 55.6 | 57.9 | 60.1   | 63.0 | 65.9 | 68.9 |
| 5                | 10          | 58.0 | 58.2 | 58.6 | 59.1 | 59.6 | 60.0 | 60.5 | 61.4 | 62.3 | 63.5 | 64.8 | 65.4 | 66.0 | 66.6 | 67.2 | 67.9 | 68.1                | 55.4 | 57.7 | 60.0 | 62.3   | 65.4 | 68.5 | 71.6 |
| 6                | 37          | 60.0 | 60.2 | 60.7 | 61.1 | 61.6 | 62.1 | 62.5 | 63.5 | 64.4 | 65.7 | 66.9 | 67.5 | 68.2 | 68.8 | 69.4 | 70.0 | 70.3                | 57.4 | 59.7 | 62.1 | 64.4   | 67.5 | 70.7 | 73.8 |
| 7                | 18          | 61.7 | 61.9 | 62.4 | 62.8 | 63.3 | 63.8 | 64.3 | 65.2 | 66.2 | 67.5 | 68.8 | 69.4 | 70.1 | 70.7 | 71.4 | 72.0 | 72.3                | 59.0 | 61.4 | 63.8 | 66.2   | 69.4 | 72.7 | 75.9 |
| 8                | 9           | 63.2 | 63.4 | 63.9 | 64.4 | 64.9 | 65.4 | 65.9 | 66.9 | 67.9 | 69.2 | 70.5 | 71.2 | 71.9 | 72.5 | 73.2 | 73.8 | 74.1                | 60.4 | 62.9 | 65.4 | 67.9   | 71.2 | 74.5 | 77.8 |
| 9                | 36          | 64.5 | 64.7 | 65.2 | 65.8 | 66.3 | 66.8 | 67.4 | 68.4 | 69.5 | 70.8 | 72.2 | 72.8 | 73.5 | 74.2 | 74.8 | 75.5 | 75.8                | 61.5 | 64.2 | 66.8 | 69.5   | 72.8 | 76.2 | 79.5 |
| 10               | 16          | 65.6 | 65.8 | 66.4 | 67.0 | 67.5 | 68.1 | 68.6 | 69.8 | 70.9 | 72.3 | 73.7 | 74.3 | 75.0 | 75.7 | 76.4 | 77.1 | 77.4                | 62.4 | 65.3 | 68.1 | 70.9   | 74.3 | 77.8 | 81.2 |
| 11               | 11          | 66.6 | 66.8 | 67.4 | 68.0 | 68.6 | 69.2 | 69.8 | 71.0 | 72.2 | 73.6 | 75.1 | 75.8 | 76.5 | 77.2 | 77.9 | 78.6 | 78.9                | 63.3 | 66.2 | 69.2 | 72.2   | 75.8 | 79.3 | 82.9 |
| 1                | 0           | 13   | 67.6 | 67.9 | 68.5 | 69.1 | 69.7 | 70.3 | 71.0 | 72.2 | 73.4 | 74.9 | 76.4 | 77.1 | 77.8 | 78.6 | 79.3 | 80.1                | 64.2 | 67.3 | 70.3 | 73.4   | 77.1 | 80.8 | 84.5 |
| 1                | 1           | 11   | 68.7 | 68.9 | 69.5 | 70.2 | 70.8 | 71.4 | 72.0 | 73.3 | 74.5 | 76.0 | 77.5 | 78.3 | 79.1 | 79.8 | 80.6 | 81.4                | 65.2 | 68.3 | 71.4 | 74.5   | 78.3 | 82.1 | 85.9 |
| 1                | 2           | 9    | 69.7 | 70.0 | 70.6 | 71.2 | 71.8 | 72.5 | 73.1 | 74.3 | 75.6 | 77.1 | 78.7 | 79.5 | 80.2 | 81.0 | 82.5 | 82.9                | 66.2 | 69.3 | 72.5 | 75.6   | 79.5 | 83.3 | 87.2 |
| 1                | 3           | 24   | 70.7 | 71.0 | 71.6 | 72.3 | 72.9 | 73.5 | 74.2 | 75.4 | 76.7 | 78.2 | 79.8 | 80.6 | 81.3 | 82.1 | 82.9 | 83.6                | 67.2 | 70.4 | 73.5 | 76.7   | 80.5 | 84.4 | 88.2 |
| 1                | 4           | 13   | 71.8 | 72.0 | 72.7 | 73.3 | 73.9 | 74.5 | 75.2 | 76.4 | 77.7 | 79.2 | 80.8 | 81.5 | 82.3 | 83.1 | 83.9 | 84.6                | 68.2 | 71.4 | 74.5 | 77.7   | 81.5 | 85.4 | 89.2 |
| 1                | 5           | 18   | 72.8 | 73.1 | 73.7 | 74.3 | 74.9 | 75.6 | 76.2 | 77.4 | 78.7 | 80.2 | 81.8 | 82.5 | 83.3 | 84.0 | 85.6 | 85.9                | 69.3 | 72.4 | 75.6 | 78.7   | 82.5 | 86.3 | 90.1 |
| 1                | 6           | 41   | 73.8 | 74.1 | 74.7 | 75.3 | 76.0 | 76.6 | 77.2 | 78.5 | 79.7 | 81.2 | 82.7 | 83.5 | 84.2 | 85.0 | 85.7 | 86.5                | 70.3 | 73.5 | 76.6 | 79.7   | 83.5 | 87.2 | 91.0 |
| 1                | 7           | 27   | 74.9 | 75.1 | 75.7 | 76.4 | 77.0 | 77.6 | 78.2 | 79.5 | 80.7 | 82.2 | 83.7 | 84.4 | 85.1 | 85.9 | 86.6 | 87.4                | 71.4 | 74.5 | 77.6 | 80.7   | 84.4 | 88.1 | 91.8 |
| 1                | 8           | 18   | 75.9 | 76.2 | 76.8 | 77.4 | 78.0 | 78.6 | 79.2 | 80.4 | 81.6 | 83.1 | 84.6 | 85.3 | 86.0 | 86.8 | 87.5 | 88.2                | 72.5 | 75.5 | 78.6 | 81.6   | 85.3 | 89.0 | 92.7 |
| 1                | 9           | 24   | 76.9 | 77.2 | 77.8 | 78.4 | 79.0 | 79.6 | 80.2 | 81.4 | 82.6 | 84.1 | 85.5 | 86.2 | 87.0 | 87.7 | 88.4 | 89.1                | 73.6 | 76.6 | 79.6 | 82.6   | 86.2 | 89.9 | 93.5 |
| 1                | 10          | 18   | 78.0 | 78.2 | 78.8 | 79.4 | 80.0 | 80.6 | 81.2 | 82.4 | 83.6 | 85.0 | 86.5 | 87.2 | 87.9 | 88.6 | 89.3 | 90.0                | 74.6 | 77.6 | 80.6 | 83.6   | 87.2 | 90.7 | 94.3 |
| 1                | 11          | 18   | 79.0 | 79.3 | 79.9 | 80.4 | 81.0 | 81.6 | 82.2 | 83.4 | 84.6 | 86.0 | 87.4 | 88.1 | 88.8 | 89.5 | 90.2 | 90.9                | 75.7 | 78.7 | 81.5 | 84.6   | 88.1 | 91.6 | 95.1 |

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |      |      |      |        |       |       |       |
|------------------|----|-------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|------|------|------|--------|-------|-------|-------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD  | +2SD  | +3SD  |
| 2                | 0  | 25          | 78.8 | 79.1 | 79.7 | 80.3 | 80.9 | 81.6 | 82.2 | 83.4 | 84.7  | 86.1  | 87.5  | 88.2  | 88.8  | 89.5  | 90.2  | 90.9  | 91.2                | 75.3 | 78.4 | 81.6 | 84.7   | 88.2  | 91.6  | 95.1  |
| 2                | 1  | 21          | 79.6 | 79.9 | 80.5 | 81.1 | 81.7 | 82.4 | 83.0 | 84.2 | 85.5  | 86.9  | 88.3  | 89.0  | 89.6  | 90.3  | 91.0  | 91.7  | 92.0                | 76.1 | 79.2 | 82.4 | 85.5   | 89.0  | 92.4  | 95.9  |
| 2                | 2  | 32          | 80.2 | 80.5 | 81.1 | 81.8 | 82.4 | 83.1 | 83.8 | 85.1 | 86.4  | 87.8  | 89.1  | 89.8  | 90.5  | 91.2  | 91.8  | 92.5  | 92.8                | 76.5 | 79.8 | 83.1 | 86.4   | 89.8  | 93.2  | 96.6  |
| 2                | 3  | 36          | 80.9 | 81.2 | 81.8 | 82.5 | 83.2 | 83.8 | 84.5 | 85.9 | 87.2  | 88.6  | 89.9  | 90.6  | 91.3  | 92.0  | 92.6  | 93.3  | 93.6                | 77.2 | 80.5 | 83.9 | 87.2   | 90.6  | 94.0  | 97.4  |
| 2                | 4  | 36          | 81.5 | 81.8 | 82.5 | 83.2 | 83.9 | 84.5 | 85.2 | 86.6 | 88.0  | 89.3  | 90.7  | 91.4  | 92.0  | 92.7  | 93.4  | 94.0  | 94.3                | 77.6 | 81.1 | 84.5 | 88.0   | 91.3  | 94.7  | 98.0  |
| 2                | 5  | 29          | 82.2 | 82.5 | 83.2 | 83.9 | 84.6 | 85.3 | 86.0 | 87.5 | 88.9  | 90.2  | 91.5  | 92.2  | 92.9  | 93.5  | 94.2  | 94.8  | 95.1                | 78.2 | 81.8 | 85.3 | 88.9   | 92.2  | 95.5  | 98.8  |
| 2                | 6  | 53          | 82.8 | 83.1 | 83.8 | 84.6 | 85.3 | 86.0 | 86.8 | 88.2 | 89.7  | 91.0  | 92.3  | 93.0  | 93.7  | 94.3  | 95.0  | 95.6  | 95.9                | 78.7 | 82.4 | 86.0 | 89.7   | 93.0  | 96.3  | 99.5  |
| 2                | 7  | 52          | 83.4 | 83.7 | 84.5 | 85.2 | 86.0 | 86.7 | 87.5 | 89.0 | 90.5  | 91.8  | 93.1  | 93.8  | 94.5  | 95.1  | 95.8  | 96.4  | 96.7                | 79.2 | 82.9 | 86.7 | 90.5   | 93.8  | 97.1  | 100.4 |
| 2                | 8  | 41          | 84.1 | 84.4 | 85.2 | 85.9 | 86.7 | 87.4 | 88.2 | 89.7 | 91.2  | 92.5  | 93.9  | 94.6  | 95.2  | 95.9  | 96.6  | 97.2  | 97.5                | 79.9 | 83.6 | 87.4 | 91.2   | 94.5  | 97.9  | 101.2 |
| 2                | 9  | 50          | 84.7 | 85.0 | 85.8 | 86.6 | 87.3 | 88.1 | 88.9 | 90.4 | 92.0  | 93.3  | 94.7  | 95.4  | 96.0  | 96.7  | 97.4  | 98.0  | 98.3                | 80.4 | 84.2 | 88.1 | 92.0   | 95.3  | 98.7  | 102.0 |
| 2                | 10 | 74          | 85.3 | 85.6 | 86.4 | 87.2 | 88.0 | 88.8 | 89.6 | 91.1 | 92.7  | 94.0  | 95.4  | 96.1  | 96.7  | 97.4  | 98.1  | 98.7  | 99.0                | 80.9 | 84.8 | 88.8 | 92.7   | 96.0  | 99.4  | 102.7 |
| 2                | 11 | 72          | 86.0 | 86.3 | 87.1 | 87.9 | 88.7 | 89.5 | 90.3 | 91.8 | 93.4  | 94.8  | 96.1  | 96.8  | 97.5  | 98.2  | 98.8  | 99.5  | 99.8                | 81.6 | 85.5 | 89.5 | 93.4   | 96.8  | 100.2 | 103.6 |
| 3                | 0  | 85          | 86.6 | 86.9 | 87.7 | 88.5 | 89.3 | 90.1 | 90.9 | 92.5 | 94.1  | 95.5  | 96.8  | 97.5  | 98.2  | 98.9  | 99.5  | 100.2 | 100.5               | 82.1 | 86.1 | 90.1 | 94.1   | 97.5  | 100.9 | 104.3 |
| 3                | 1  | 92          | 87.2 | 87.5 | 88.3 | 89.1 | 89.9 | 90.7 | 91.5 | 93.1 | 94.7  | 96.1  | 97.5  | 98.2  | 98.9  | 99.6  | 100.3 | 101.0 | 101.3               | 82.7 | 86.7 | 90.7 | 94.7   | 98.2  | 101.7 | 105.2 |
| 3                | 2  | 108         | 87.8 | 88.1 | 88.9 | 89.7 | 90.5 | 91.3 | 92.1 | 93.7 | 95.3  | 96.7  | 98.2  | 98.9  | 99.6  | 100.3 | 101.0 | 101.7 | 102.0               | 83.3 | 87.3 | 91.3 | 95.3   | 98.9  | 102.4 | 106.0 |
| 3                | 3  | 92          | 88.4 | 88.7 | 89.5 | 90.3 | 91.1 | 92.0 | 92.8 | 94.4 | 96.0  | 97.4  | 98.9  | 99.6  | 100.3 | 101.0 | 101.7 | 102.4 | 102.7               | 83.9 | 87.9 | 92.0 | 96.0   | 99.6  | 103.1 | 106.7 |
| 3                | 4  | 92          | 89.0 | 89.3 | 90.1 | 90.9 | 91.7 | 92.5 | 93.3 | 94.9 | 96.5  | 98.0  | 99.4  | 100.2 | 100.9 | 101.6 | 102.4 | 103.1 | 103.4               | 84.5 | 88.5 | 92.5 | 96.5   | 100.2 | 103.8 | 107.5 |
| 3                | 5  | 83          | 89.6 | 89.9 | 90.7 | 91.5 | 92.3 | 93.1 | 93.9 | 95.5 | 97.1  | 98.6  | 100.1 | 100.8 | 101.6 | 102.3 | 103.1 | 103.8 | 104.1               | 85.1 | 89.1 | 93.1 | 97.1   | 100.8 | 104.5 | 108.3 |
| 3                | 6  | 107         | 90.1 | 90.4 | 91.2 | 92.0 | 92.8 | 93.7 | 94.5 | 96.1 | 97.7  | 99.2  | 100.7 | 101.4 | 102.2 | 102.9 | 103.7 | 104.4 | 104.7               | 85.6 | 89.6 | 93.7 | 97.7   | 101.4 | 105.1 | 108.9 |
| 3                | 7  | 101         | 90.7 | 91.0 | 91.8 | 92.6 | 93.4 | 94.3 | 95.1 | 96.7 | 98.3  | 99.8  | 101.3 | 102.1 | 102.8 | 103.6 | 104.3 | 105.1 | 105.4               | 86.2 | 90.2 | 94.3 | 98.3   | 102.1 | 105.9 | 109.6 |
| 3                | 8  | 96          | 91.2 | 91.5 | 92.3 | 93.2 | 94.0 | 94.8 | 95.6 | 97.3 | 98.9  | 100.4 | 101.9 | 102.7 | 103.4 | 104.2 | 104.9 | 105.7 | 106.0               | 86.6 | 90.7 | 94.8 | 98.9   | 102.7 | 106.5 | 110.2 |
| 3                | 9  | 104         | 91.8 | 92.1 | 92.9 | 93.7 | 94.5 | 95.4 | 96.2 | 97.8 | 99.4  | 100.9 | 102.5 | 103.2 | 104.0 | 104.8 | 105.5 | 106.3 | 106.6               | 87.3 | 91.3 | 95.4 | 99.4   | 103.2 | 107.1 | 110.9 |
| 3                | 10 | 128         | 92.3 | 92.6 | 93.4 | 94.3 | 95.1 | 95.9 | 96.7 | 98.4 | 100.0 | 101.5 | 103.1 | 103.8 | 104.6 | 105.4 | 106.1 | 106.9 | 107.2               | 87.7 | 91.8 | 95.9 | 100.0  | 103.8 | 107.7 | 111.5 |
| 3                | 11 | 101         | 92.8 | 93.1 | 94.0 | 94.8 | 95.6 | 96.5 | 97.3 | 98.9 | 100.6 | 102.1 | 103.7 | 104.4 | 105.2 | 106.0 | 106.7 | 107.5 | 107.8               | 88.2 | 92.3 | 96.5 | 100.6  | 104.4 | 108.3 | 112.1 |

TABLE 5. HEIGHT BY AGE : GIRLS

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ<br>ปี เดือน | N  | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |        |       |       |       |       |
|------------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|--------|-------|-------|-------|-------|
|                  |    | P3          | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97   | -3SD                | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |       |
| 4                | 0  | 109         | 93.4  | 93.7  | 94.5  | 95.4  | 96.2  | 97.0  | 97.8  | 99.5  | 101.1 | 102.7 | 104.2 | 105.0 | 105.8 | 106.5 | 107.3 | 108.1 | 108.4               | 88.8  | 92.9  | 97.0   | 101.1 | 105.0 | 108.9 | 112.7 |
| 4                | 1  | 88          | 93.9  | 94.2  | 95.1  | 95.9  | 96.7  | 97.6  | 98.4  | 100.0 | 101.7 | 103.3 | 104.8 | 105.6 | 106.4 | 107.1 | 107.9 | 108.7 | 109.0               | 89.3  | 93.4  | 97.6   | 101.7 | 105.6 | 109.5 | 113.3 |
| 4                | 2  | 100         | 94.4  | 94.7  | 95.6  | 96.4  | 97.2  | 98.1  | 98.9  | 100.5 | 102.2 | 103.8 | 105.3 | 106.1 | 106.9 | 107.6 | 108.4 | 109.2 | 109.5               | 89.8  | 93.9  | 98.1   | 102.2 | 106.1 | 110.0 | 113.8 |
| 4                | 3  | 82          | 94.9  | 95.2  | 96.1  | 96.9  | 97.8  | 98.6  | 99.4  | 101.1 | 102.8 | 104.4 | 105.9 | 106.7 | 107.5 | 108.2 | 109.0 | 109.8 | 110.1               | 90.2  | 94.4  | 98.6   | 102.8 | 106.7 | 110.6 | 114.4 |
| 4                | 4  | 96          | 95.4  | 95.7  | 96.6  | 97.4  | 98.3  | 99.1  | 99.9  | 101.6 | 103.3 | 104.9 | 106.4 | 107.2 | 108.0 | 108.8 | 109.6 | 110.4 | 110.7               | 90.7  | 94.9  | 99.1   | 103.3 | 107.2 | 111.2 | 115.1 |
| 4                | 5  | 111         | 95.9  | 96.2  | 97.1  | 97.9  | 98.8  | 99.6  | 100.5 | 102.2 | 103.9 | 105.5 | 107.0 | 107.8 | 108.6 | 109.4 | 110.2 | 111.0 | 111.3               | 91.1  | 95.4  | 99.6   | 103.9 | 107.8 | 111.8 | 115.7 |
| 4                | 6  | 85          | 96.4  | 96.7  | 97.6  | 98.4  | 99.3  | 100.1 | 101.0 | 102.7 | 104.4 | 106.0 | 107.6 | 108.4 | 109.2 | 110.0 | 110.8 | 111.6 | 111.9               | 91.6  | 95.9  | 100.1  | 104.4 | 108.4 | 112.4 | 116.4 |
| 4                | 7  | 91          | 96.9  | 97.2  | 98.1  | 99.0  | 99.8  | 100.7 | 101.6 | 103.3 | 105.0 | 106.6 | 108.2 | 109.0 | 109.8 | 110.6 | 111.4 | 112.2 | 112.5               | 92.1  | 96.4  | 100.7  | 105.0 | 109.0 | 113.0 | 117.0 |
| 4                | 8  | 94          | 97.4  | 97.7  | 98.6  | 99.5  | 100.3 | 101.2 | 102.1 | 103.8 | 105.5 | 107.1 | 108.7 | 109.5 | 110.4 | 111.2 | 112.0 | 112.8 | 113.1               | 92.6  | 96.9  | 101.2  | 105.5 | 109.5 | 113.6 | 117.6 |
| 4                | 9  | 94          | 97.9  | 98.2  | 99.1  | 100.0 | 100.8 | 101.7 | 102.6 | 104.3 | 106.0 | 107.6 | 109.3 | 110.1 | 110.9 | 111.7 | 112.6 | 113.4 | 113.7               | 93.1  | 97.4  | 101.7  | 106.0 | 110.1 | 114.2 | 118.3 |
| 4                | 10 | 90          | 98.5  | 98.8  | 99.7  | 100.5 | 101.4 | 102.2 | 103.1 | 104.8 | 106.5 | 108.2 | 109.8 | 110.6 | 111.5 | 112.3 | 113.1 | 114.0 | 114.3               | 93.7  | 98.0  | 102.2  | 106.5 | 110.6 | 114.8 | 118.9 |
| 4                | 11 | 90          | 99.0  | 99.3  | 100.2 | 101.1 | 101.9 | 102.8 | 103.7 | 105.4 | 107.1 | 108.8 | 110.4 | 111.2 | 112.1 | 112.9 | 113.7 | 114.6 | 114.9               | 94.2  | 98.5  | 102.8  | 107.1 | 111.2 | 115.4 | 119.5 |
| 5                | 0  | 92          | 99.5  | 99.8  | 100.7 | 101.6 | 102.4 | 103.3 | 104.2 | 105.9 | 107.6 | 109.3 | 111.0 | 111.8 | 112.6 | 113.5 | 114.3 | 115.2 | 115.5               | 94.7  | 99.0  | 103.3  | 107.6 | 111.8 | 116.0 | 120.2 |
| 5                | 1  | 90          | 100.0 | 100.3 | 101.2 | 102.1 | 102.9 | 103.8 | 104.7 | 106.4 | 108.1 | 109.8 | 111.5 | 112.4 | 113.2 | 114.1 | 114.9 | 115.8 | 116.1               | 95.2  | 99.5  | 103.8  | 108.1 | 112.4 | 116.6 | 120.9 |
| 5                | 2  | 98          | 100.6 | 100.9 | 101.8 | 102.6 | 103.5 | 104.3 | 105.2 | 106.9 | 108.6 | 110.3 | 112.0 | 112.9 | 113.8 | 114.6 | 115.5 | 116.4 | 116.7               | 95.8  | 100.1 | 104.3  | 108.6 | 112.9 | 117.2 | 121.5 |
| 5                | 3  | 105         | 101.1 | 101.4 | 102.3 | 103.1 | 104.0 | 104.8 | 105.6 | 107.3 | 109.0 | 110.8 | 112.6 | 113.5 | 114.4 | 115.3 | 116.1 | 117.0 | 117.4               | 96.4  | 100.6 | 104.8  | 109.0 | 113.5 | 117.9 | 122.4 |
| 5                | 4  | 96          | 101.6 | 101.9 | 102.8 | 103.6 | 104.5 | 105.3 | 106.1 | 107.8 | 109.5 | 111.3 | 113.1 | 114.0 | 114.9 | 115.8 | 116.7 | 117.6 | 118.0               | 96.9  | 101.1 | 105.3  | 109.5 | 114.0 | 118.5 | 123.1 |
| 5                | 5  | 98          | 102.1 | 102.4 | 103.3 | 104.1 | 105.0 | 105.8 | 106.7 | 108.4 | 110.1 | 111.9 | 113.7 | 114.6 | 115.5 | 116.4 | 117.3 | 118.2 | 118.6               | 97.3  | 101.6 | 105.8  | 110.1 | 114.6 | 119.1 | 123.7 |
| 5                | 6  | 113         | 102.7 | 103.0 | 103.9 | 104.7 | 105.6 | 106.4 | 107.2 | 108.9 | 110.6 | 112.4 | 114.2 | 115.1 | 116.0 | 116.9 | 117.8 | 118.7 | 119.1               | 98.0  | 102.2 | 106.4  | 110.6 | 115.1 | 119.6 | 124.2 |
| 5                | 7  | 99          | 103.2 | 103.5 | 104.4 | 105.2 | 106.1 | 106.9 | 107.7 | 109.4 | 111.1 | 112.9 | 114.8 | 115.7 | 116.6 | 117.5 | 118.4 | 119.3 | 119.7               | 98.5  | 102.7 | 106.9  | 111.1 | 115.7 | 120.2 | 124.8 |
| 5                | 8  | 85          | 103.7 | 104.0 | 104.9 | 105.7 | 106.6 | 107.4 | 108.3 | 110.0 | 111.7 | 113.5 | 115.4 | 116.3 | 117.2 | 118.1 | 119.0 | 119.9 | 120.3               | 98.9  | 103.2 | 107.4  | 111.7 | 116.3 | 120.8 | 125.4 |
| 5                | 9  | 86          | 104.2 | 104.5 | 105.4 | 106.3 | 107.1 | 108.0 | 108.9 | 110.6 | 112.3 | 114.1 | 116.0 | 116.9 | 117.8 | 118.7 | 119.6 | 120.5 | 120.9               | 99.4  | 103.7 | 108.0  | 112.3 | 116.9 | 121.4 | 126.0 |
| 5                | 10 | 102         | 104.7 | 105.0 | 105.9 | 106.8 | 107.6 | 108.5 | 109.4 | 111.1 | 112.8 | 114.6 | 116.5 | 117.4 | 118.3 | 119.2 | 120.1 | 121.0 | 121.4               | 99.9  | 104.2 | 108.5  | 112.8 | 117.4 | 121.9 | 126.5 |
| 5                | 11 | 96          | 105.2 | 105.5 | 106.4 | 107.3 | 108.2 | 109.0 | 109.9 | 111.7 | 113.4 | 115.2 | 117.1 | 118.0 | 118.9 | 119.8 | 120.7 | 121.6 | 122.0               | 100.3 | 104.7 | 109.0  | 113.4 | 118.0 | 122.5 | 127.1 |

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ |       |       | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |        |       |       |       |
|------|-------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|--------|-------|-------|-------|
| ปี   | เดือน | N     | P3          | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97   | -3SD                | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 6    | 0     | 142   | 105.7       | 106.0 | 106.9 | 107.8 | 108.7 | 109.5 | 110.4 | 112.2 | 113.9 | 115.7 | 117.6 | 118.5 | 119.4 | 120.3 | 121.2 | 122.1 | 122.5 | 100.8               | 105.2 | 109.5 | 113.9  | 118.5 | 123.0 | 127.6 |
| 6    | 1     | 118   | 106.1       | 106.5 | 107.3 | 108.2 | 109.1 | 110.0 | 110.9 | 112.6 | 114.4 | 116.3 | 118.1 | 119.0 | 120.0 | 120.9 | 121.8 | 122.7 | 123.1 | 101.2               | 105.6 | 110.0 | 114.4  | 119.0 | 123.7 | 128.3 |
| 6    | 2     | 123   | 106.6       | 107.0 | 107.9 | 108.7 | 109.6 | 110.5 | 111.4 | 113.2 | 115.0 | 116.8 | 118.7 | 119.6 | 120.5 | 121.4 | 122.3 | 123.2 | 123.6 | 101.6               | 106.1 | 110.5 | 115.0  | 119.6 | 124.1 | 128.7 |
| 6    | 3     | 114   | 107.0       | 107.4 | 108.3 | 109.2 | 110.1 | 111.0 | 111.9 | 113.7 | 115.5 | 117.3 | 119.2 | 120.1 | 121.0 | 121.9 | 122.8 | 123.7 | 124.1 | 101.9               | 106.5 | 111.0 | 115.5  | 120.1 | 124.6 | 129.2 |
| 6    | 4     | 111   | 107.5       | 107.9 | 108.8 | 109.6 | 110.5 | 111.4 | 112.3 | 114.1 | 115.9 | 117.8 | 119.6 | 120.6 | 121.5 | 122.5 | 123.4 | 124.3 | 124.7 | 102.5               | 107.0 | 111.4 | 115.9  | 120.6 | 125.3 | 129.9 |
| 6    | 5     | 136   | 107.9       | 108.3 | 109.2 | 110.1 | 111.0 | 111.9 | 112.8 | 114.6 | 116.4 | 118.3 | 120.1 | 121.1 | 122.0 | 123.0 | 123.9 | 124.8 | 125.2 | 102.8               | 107.4 | 111.9 | 116.4  | 121.1 | 125.8 | 130.4 |
| 6    | 6     | 136   | 108.3       | 108.7 | 109.6 | 110.5 | 111.4 | 112.3 | 113.2 | 115.1 | 116.9 | 118.8 | 120.6 | 121.6 | 122.5 | 123.5 | 124.4 | 125.3 | 125.7 | 103.2               | 107.8 | 112.3 | 116.9  | 121.6 | 126.3 | 130.9 |
| 6    | 7     | 113   | 108.7       | 109.1 | 110.0 | 110.9 | 111.8 | 112.8 | 113.7 | 115.5 | 117.4 | 119.3 | 121.1 | 122.1 | 123.0 | 124.0 | 124.9 | 125.8 | 126.2 | 103.5               | 108.1 | 112.8 | 117.4  | 122.1 | 126.8 | 131.4 |
| 6    | 8     | 92    | 109.1       | 109.5 | 110.4 | 111.3 | 112.3 | 113.2 | 114.2 | 116.0 | 117.9 | 119.8 | 121.6 | 122.6 | 123.5 | 124.5 | 125.4 | 126.3 | 126.7 | 103.9               | 108.5 | 113.2 | 117.9  | 122.6 | 127.3 | 131.9 |
| 6    | 9     | 120   | 109.4       | 109.8 | 110.7 | 111.7 | 112.7 | 113.6 | 114.6 | 116.5 | 118.4 | 120.3 | 122.1 | 123.1 | 124.0 | 125.0 | 125.9 | 126.8 | 127.2 | 104.0               | 108.8 | 113.6 | 118.4  | 123.1 | 127.8 | 132.4 |
| 6    | 10    | 127   | 109.8       | 110.2 | 111.2 | 112.1 | 113.1 | 114.1 | 115.0 | 117.0 | 118.9 | 120.8 | 122.6 | 123.6 | 124.5 | 125.5 | 126.4 | 127.3 | 127.7 | 104.4               | 109.2 | 114.1 | 118.9  | 123.6 | 128.3 | 132.9 |
| 6    | 11    | 114   | 110.2       | 110.6 | 111.6 | 112.5 | 113.5 | 114.5 | 115.4 | 117.4 | 119.3 | 121.2 | 123.1 | 124.0 | 125.0 | 125.9 | 126.9 | 127.8 | 128.2 | 104.8               | 109.6 | 114.5 | 119.3  | 124.0 | 128.8 | 133.5 |
| 7    | 0     | 158   | 110.5       | 110.9 | 111.9 | 112.9 | 113.9 | 114.9 | 115.8 | 117.8 | 119.8 | 121.7 | 123.5 | 124.5 | 125.4 | 126.4 | 127.3 | 128.2 | 128.6 | 105.0               | 109.9 | 114.9 | 119.8  | 124.5 | 129.2 | 133.8 |
| 7    | 1     | 121   | 110.9       | 111.3 | 112.3 | 113.3 | 114.3 | 115.3 | 116.2 | 118.2 | 120.2 | 122.1 | 124.0 | 124.9 | 125.9 | 126.8 | 127.8 | 128.7 | 129.1 | 105.4               | 110.3 | 115.3 | 120.2  | 124.9 | 129.7 | 134.4 |
| 7    | 2     | 124   | 111.3       | 111.7 | 112.7 | 113.6 | 114.6 | 115.6 | 116.6 | 118.5 | 120.5 | 122.4 | 124.4 | 125.3 | 126.3 | 127.3 | 128.2 | 129.2 | 129.6 | 105.8               | 110.7 | 115.6 | 120.5  | 125.3 | 130.2 | 135.0 |
| 7    | 3     | 130   | 111.6       | 112.0 | 113.0 | 114.0 | 115.0 | 116.0 | 116.9 | 118.9 | 120.9 | 122.8 | 124.8 | 125.7 | 126.7 | 127.7 | 128.6 | 129.6 | 130.0 | 106.1               | 111.0 | 116.0 | 120.9  | 125.7 | 130.6 | 135.4 |
| 7    | 4     | 125   | 112.0       | 112.4 | 113.4 | 114.4 | 115.4 | 116.4 | 117.3 | 119.3 | 121.3 | 123.3 | 125.2 | 126.2 | 127.2 | 128.2 | 129.1 | 130.1 | 130.5 | 106.5               | 111.4 | 116.4 | 121.3  | 126.2 | 131.1 | 136.0 |
| 7    | 5     | 120   | 112.4       | 112.8 | 113.8 | 114.7 | 115.7 | 116.7 | 117.7 | 119.6 | 121.6 | 123.6 | 125.6 | 126.6 | 127.6 | 128.6 | 129.6 | 130.6 | 131.0 | 106.9               | 111.8 | 116.7 | 121.6  | 126.6 | 131.6 | 136.6 |
| 7    | 6     | 142   | 112.8       | 113.2 | 114.2 | 115.1 | 116.1 | 117.1 | 118.1 | 120.0 | 122.0 | 124.0 | 126.0 | 127.0 | 128.0 | 129.0 | 130.0 | 131.0 | 131.4 | 107.3               | 112.2 | 117.1 | 122.0  | 127.0 | 132.0 | 137.0 |
| 7    | 7     | 119   | 113.1       | 113.5 | 114.5 | 115.5 | 116.5 | 117.5 | 118.4 | 120.4 | 122.4 | 124.4 | 126.4 | 127.5 | 128.5 | 129.5 | 130.5 | 131.5 | 131.9 | 107.6               | 112.5 | 117.5 | 122.4  | 127.5 | 132.5 | 137.6 |
| 7    | 8     | 126   | 113.5       | 113.9 | 114.9 | 115.9 | 116.9 | 117.9 | 118.9 | 120.9 | 122.9 | 124.9 | 126.9 | 128.0 | 129.0 | 130.0 | 131.0 | 132.0 | 132.4 | 107.9               | 112.9 | 117.9 | 122.9  | 128.0 | 133.0 | 138.1 |
| 7    | 9     | 123   | 113.9       | 114.3 | 115.3 | 116.3 | 117.3 | 118.3 | 119.3 | 121.3 | 123.3 | 125.3 | 127.4 | 128.4 | 129.4 | 130.4 | 131.5 | 132.5 | 132.9 | 108.3               | 113.3 | 118.3 | 123.3  | 128.4 | 133.5 | 138.6 |
| 10   | 138   | 114.3 | 114.7       | 115.7 | 116.7 | 117.7 | 118.7 | 119.8 | 121.8 | 123.8 | 125.8 | 127.9 | 128.9 | 129.9 | 130.9 | 132.0 | 133.0 | 133.4 | 108.6 | 113.7               | 118.7 | 123.8 | 128.9  | 134.0 | 139.1 |       |
| 11   | 99    | 114.7 | 115.1       | 116.1 | 117.2 | 118.2 | 119.2 | 120.2 | 122.3 | 124.3 | 126.3 | 128.4 | 129.4 | 130.4 | 131.4 | 132.5 | 133.5 | 133.9 | 109.0 | 114.1               | 119.2 | 124.3 | 129.4  | 134.5 | 139.6 |       |

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ |       | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
| ปี   | เดือน | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 8    | 0     | 114         | 115.0 | 115.4 | 116.5 | 117.5 | 118.5 | 119.6 | 120.6 | 122.7 | 124.8 | 126.9 | 128.9 | 130.0 | 131.0 | 132.0 | 133.1 | 134.1 | 134.5               | 109.2 | 114.4 | 119.6 | 124.8  | 130.0 | 135.1 | 140.3 |
| 8    | 1     | 112         | 115.4 | 115.8 | 116.9 | 117.9 | 119.0 | 120.0 | 121.1 | 123.2 | 125.3 | 127.4 | 129.4 | 130.5 | 131.5 | 132.5 | 133.6 | 134.6 | 135.0               | 109.5 | 114.8 | 120.0 | 125.3  | 130.5 | 135.6 | 140.8 |
| 8    | 2     | 98          | 115.8 | 116.2 | 117.3 | 118.4 | 119.4 | 120.5 | 121.5 | 123.7 | 125.8 | 127.9 | 129.9 | 131.0 | 132.0 | 133.0 | 134.1 | 135.1 | 135.5               | 109.8 | 115.2 | 120.5 | 125.8  | 131.0 | 136.1 | 141.3 |
| 8    | 3     | 102         | 116.2 | 116.6 | 117.7 | 118.8 | 119.8 | 120.9 | 121.9 | 124.1 | 126.2 | 128.3 | 130.4 | 131.5 | 132.5 | 133.6 | 134.6 | 135.7 | 136.1               | 110.2 | 115.6 | 120.9 | 126.2  | 131.5 | 136.7 | 142.0 |
| 8    | 4     | 102         | 116.6 | 117.0 | 118.1 | 119.2 | 120.3 | 121.3 | 122.4 | 124.6 | 126.7 | 128.8 | 131.0 | 132.0 | 133.1 | 134.1 | 135.2 | 136.3 | 136.7               | 110.6 | 116.0 | 121.3 | 126.7  | 132.0 | 137.3 | 142.7 |
| 8    | 5     | 109         | 117.0 | 117.4 | 118.5 | 119.6 | 120.7 | 121.7 | 122.8 | 125.0 | 127.1 | 129.2 | 131.4 | 132.5 | 133.5 | 134.6 | 135.7 | 136.8 | 137.2               | 111.0 | 116.4 | 121.7 | 127.1  | 132.5 | 137.8 | 143.2 |
| 8    | 6     | 107         | 117.4 | 117.8 | 118.9 | 120.0 | 121.1 | 122.2 | 123.3 | 125.4 | 127.6 | 129.8 | 131.9 | 133.0 | 134.1 | 135.2 | 136.3 | 137.4 | 137.8               | 111.3 | 116.8 | 122.2 | 127.6  | 133.0 | 138.4 | 143.9 |
| 8    | 7     | 114         | 117.8 | 118.2 | 119.3 | 120.4 | 121.5 | 122.6 | 123.7 | 125.8 | 128.0 | 130.2 | 132.4 | 133.5 | 134.6 | 135.7 | 136.9 | 138.0 | 138.4               | 111.7 | 117.2 | 122.6 | 128.0  | 133.5 | 139.1 | 144.6 |
| 8    | 8     | 111         | 118.2 | 118.6 | 119.7 | 120.8 | 121.9 | 123.0 | 124.1 | 126.2 | 128.4 | 130.7 | 132.9 | 134.0 | 135.2 | 136.3 | 137.4 | 138.5 | 139.0               | 112.1 | 117.6 | 123.0 | 128.4  | 134.0 | 139.7 | 145.3 |
| 8    | 9     | 107         | 118.6 | 119.0 | 120.1 | 121.2 | 122.3 | 123.4 | 124.5 | 126.7 | 128.9 | 131.2 | 133.5 | 134.6 | 135.7 | 136.9 | 138.0 | 139.1 | 139.6               | 112.5 | 117.9 | 123.4 | 128.9  | 134.6 | 140.3 | 146.0 |
| 8    | 10    | 108         | 119.0 | 119.4 | 120.5 | 121.6 | 122.7 | 123.8 | 124.9 | 127.1 | 129.3 | 131.6 | 133.9 | 135.1 | 136.3 | 137.4 | 138.6 | 139.7 | 140.2               | 112.9 | 118.3 | 123.8 | 129.3  | 135.1 | 140.9 | 146.7 |
| 8    | 11    | 102         | 119.4 | 119.8 | 120.9 | 122.0 | 123.1 | 124.2 | 125.3 | 127.5 | 129.7 | 132.1 | 134.4 | 135.6 | 136.8 | 138.0 | 139.1 | 140.3 | 140.8               | 113.3 | 118.7 | 124.2 | 129.7  | 135.6 | 141.5 | 147.4 |
| 9    | 0     | 111         | 119.8 | 120.2 | 121.3 | 122.4 | 123.5 | 124.6 | 125.7 | 127.9 | 130.1 | 132.5 | 134.9 | 136.1 | 137.3 | 138.5 | 139.7 | 140.9 | 141.4               | 113.7 | 119.1 | 124.6 | 130.1  | 136.1 | 142.1 | 148.1 |
| 9    | 1     | 112         | 120.2 | 120.6 | 121.7 | 122.9 | 124.0 | 125.1 | 126.2 | 128.4 | 130.6 | 133.0 | 135.5 | 136.7 | 137.9 | 139.1 | 140.3 | 141.5 | 142.0               | 114.0 | 119.5 | 125.1 | 130.6  | 136.7 | 142.7 | 148.8 |
| 9    | 2     | 114         | 120.6 | 121.0 | 122.1 | 123.3 | 124.4 | 125.5 | 126.6 | 128.8 | 131.0 | 133.5 | 135.9 | 137.2 | 138.4 | 139.6 | 140.9 | 142.1 | 142.6               | 114.4 | 119.9 | 125.5 | 131.0  | 137.2 | 143.3 | 149.5 |
| 9    | 3     | 124         | 121.0 | 121.4 | 122.6 | 123.7 | 124.8 | 125.9 | 127.0 | 129.3 | 131.5 | 134.0 | 136.5 | 137.7 | 139.0 | 140.2 | 141.5 | 142.7 | 143.2               | 114.8 | 120.3 | 125.9 | 131.5  | 137.7 | 143.9 | 150.2 |
| 9    | 4     | 109         | 121.4 | 121.9 | 123.0 | 124.1 | 125.2 | 126.4 | 127.5 | 129.7 | 132.0 | 134.5 | 137.0 | 138.3 | 139.5 | 140.8 | 142.0 | 143.3 | 143.8               | 115.1 | 120.7 | 126.4 | 132.0  | 138.3 | 144.5 | 150.8 |
| 9    | 5     | 113         | 121.8 | 122.3 | 123.4 | 124.5 | 125.7 | 126.8 | 127.9 | 130.2 | 132.5 | 135.0 | 137.6 | 138.8 | 140.1 | 141.4 | 142.6 | 143.9 | 144.4               | 115.4 | 121.1 | 126.8 | 132.5  | 138.8 | 145.2 | 151.5 |
| 9    | 6     | 106         | 122.3 | 122.8 | 123.9 | 125.0 | 126.2 | 127.3 | 128.4 | 130.7 | 133.0 | 135.6 | 138.1 | 139.4 | 140.7 | 141.9 | 143.2 | 144.5 | 145.0               | 115.9 | 121.6 | 127.3 | 133.0  | 139.4 | 145.8 | 152.1 |
| 9    | 7     | 114         | 122.7 | 123.2 | 124.3 | 125.5 | 126.6 | 127.8 | 128.9 | 131.2 | 133.5 | 136.1 | 138.6 | 139.9 | 141.2 | 142.4 | 143.7 | 145.0 | 145.5               | 116.3 | 122.0 | 127.8 | 133.5  | 139.9 | 146.3 | 152.6 |
| 9    | 8     | 113         | 123.1 | 123.6 | 124.7 | 125.9 | 127.0 | 128.2 | 129.4 | 131.7 | 134.0 | 136.6 | 139.1 | 140.4 | 141.7 | 143.0 | 144.3 | 145.6 | 146.1               | 116.6 | 122.4 | 128.2 | 134.0  | 140.4 | 146.9 | 153.3 |
| 9    | 9     | 113         | 123.5 | 124.0 | 125.1 | 126.3 | 127.5 | 128.6 | 129.8 | 132.2 | 134.5 | 137.1 | 139.7 | 141.0 | 142.3 | 143.6 | 144.9 | 146.2 | 146.7               | 117.0 | 122.8 | 128.7 | 134.5  | 141.0 | 147.5 | 154.0 |
| 9    | 10    | 143         | 123.9 | 124.4 | 125.6 | 126.8 | 128.0 | 129.1 | 130.3 | 132.7 | 135.1 | 137.7 | 140.3 | 141.6 | 142.9 | 144.2 | 145.5 | 146.8 | 147.3               | 117.2 | 123.2 | 129.1 | 135.1  | 141.6 | 148.1 | 154.6 |
| 9    | 11    | 119         | 124.4 | 124.9 | 126.1 | 127.3 | 128.5 | 129.6 | 130.8 | 133.2 | 135.6 | 138.2 | 140.9 | 142.2 | 143.5 | 144.8 | 146.2 | 147.5 | 148.0               | 117.7 | 123.7 | 129.6 | 135.6  | 142.2 | 148.8 | 155.4 |

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|------------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
|                  |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 10               | 0  | 115         | 124.8 | 125.3 | 126.5 | 127.7 | 128.9 | 130.1 | 131.3 | 133.8 | 136.2 | 138.8 | 141.5 | 142.8 | 144.1 | 145.4 | 146.8 | 148.1 | 148.6               | 118.0 | 124.1 | 130.1 | 136.2  | 142.8 | 149.4 | 156.0 |
| 10               | 1  | 123         | 125.2 | 125.7 | 126.9 | 128.2 | 129.4 | 130.6 | 131.9 | 134.3 | 136.8 | 139.4 | 142.1 | 143.4 | 144.7 | 146.0 | 147.4 | 148.7 | 149.2               | 118.3 | 124.5 | 130.6 | 136.8  | 143.4 | 150.0 | 156.6 |
| 10               | 2  | 146         | 125.7 | 126.2 | 127.4 | 128.7 | 129.9 | 131.2 | 132.4 | 134.9 | 137.4 | 140.0 | 142.7 | 144.0 | 145.3 | 146.6 | 148.0 | 149.3 | 149.8               | 118.7 | 125.0 | 131.2 | 137.4  | 144.0 | 150.6 | 157.2 |
| 10               | 3  | 129         | 126.1 | 126.6 | 127.9 | 129.1 | 130.4 | 131.7 | 132.9 | 135.5 | 138.0 | 140.6 | 143.3 | 144.6 | 145.9 | 147.2 | 148.6 | 149.9 | 150.4               | 119.0 | 125.3 | 131.7 | 138.0  | 144.6 | 151.2 | 157.8 |
| 10               | 4  | 127         | 126.6 | 127.1 | 128.4 | 129.7 | 130.9 | 132.2 | 133.5 | 136.0 | 138.6 | 141.2 | 143.9 | 145.2 | 146.5 | 147.8 | 149.2 | 150.5 | 151.0               | 119.5 | 125.8 | 132.2 | 138.6  | 145.2 | 151.8 | 158.4 |
| 10               | 5  | 136         | 127.0 | 127.5 | 128.8 | 130.1 | 131.4 | 132.7 | 134.0 | 136.6 | 139.2 | 141.8 | 144.5 | 145.8 | 147.1 | 148.4 | 149.8 | 151.1 | 151.6               | 119.7 | 126.2 | 132.7 | 139.2  | 145.8 | 152.4 | 159.0 |
| 10               | 6  | 126         | 127.5 | 128.0 | 129.3 | 130.6 | 131.9 | 133.3 | 134.6 | 137.2 | 139.8 | 142.4 | 145.1 | 146.4 | 147.7 | 149.0 | 150.4 | 151.7 | 152.2               | 120.2 | 126.7 | 133.3 | 139.8  | 146.4 | 153.0 | 159.6 |
| 10               | 7  | 149         | 128.0 | 128.5 | 129.8 | 131.2 | 132.5 | 133.8 | 135.1 | 137.8 | 140.4 | 143.0 | 145.6 | 146.9 | 148.3 | 149.6 | 150.9 | 152.2 | 152.7               | 120.6 | 127.2 | 133.8 | 140.4  | 146.9 | 153.5 | 160.0 |
| 10               | 8  | 145         | 128.4 | 128.9 | 130.3 | 131.6 | 132.9 | 134.3 | 135.6 | 138.2 | 140.9 | 143.5 | 146.1 | 147.4 | 148.8 | 150.1 | 151.4 | 152.7 | 153.2               | 121.0 | 127.6 | 134.3 | 140.9  | 147.4 | 154.0 | 160.5 |
| 10               | 9  | 127         | 128.9 | 129.4 | 130.8 | 132.1 | 133.5 | 134.8 | 136.1 | 138.8 | 141.5 | 144.1 | 146.7 | 148.0 | 149.3 | 150.6 | 151.9 | 153.2 | 153.7               | 121.4 | 128.1 | 134.8 | 141.5  | 148.0 | 154.5 | 161.0 |
| 10               | 10 | 144         | 129.4 | 129.9 | 131.3 | 132.6 | 134.0 | 135.3 | 136.6 | 139.3 | 142.0 | 144.6 | 147.2 | 148.5 | 149.8 | 151.1 | 152.4 | 153.7 | 154.2               | 121.9 | 128.6 | 135.3 | 142.0  | 148.5 | 155.0 | 161.5 |
| 10               | 11 | 153         | 129.8 | 130.3 | 131.7 | 133.0 | 134.4 | 135.7 | 137.1 | 139.8 | 142.5 | 145.1 | 147.6 | 148.9 | 150.2 | 151.5 | 152.8 | 154.1 | 154.6               | 122.2 | 129.0 | 135.7 | 142.5  | 148.9 | 155.4 | 161.8 |
| 11               | 0  | 136         | 130.3 | 130.8 | 132.2 | 133.5 | 134.9 | 136.2 | 137.6 | 140.3 | 143.0 | 145.6 | 148.1 | 149.4 | 150.7 | 151.9 | 153.2 | 154.5 | 155.0               | 122.7 | 129.5 | 136.2 | 143.0  | 149.4 | 155.8 | 162.1 |
| 11               | 1  | 134         | 130.8 | 131.3 | 132.7 | 134.0 | 135.4 | 136.7 | 138.0 | 140.7 | 143.4 | 146.0 | 148.5 | 149.8 | 151.1 | 152.3 | 153.6 | 154.9 | 155.4               | 123.3 | 130.0 | 136.7 | 143.4  | 149.8 | 156.2 | 162.5 |
| 11               | 2  | 129         | 131.3 | 131.8 | 133.2 | 134.5 | 135.9 | 137.2 | 138.5 | 141.2 | 143.9 | 146.4 | 148.9 | 150.2 | 151.4 | 152.7 | 153.9 | 155.2 | 155.7               | 123.8 | 130.5 | 137.2 | 143.9  | 150.2 | 156.4 | 162.7 |
| 11               | 3  | 128         | 131.8 | 132.3 | 133.7 | 135.0 | 136.3 | 137.7 | 139.0 | 141.6 | 144.3 | 146.8 | 149.3 | 150.6 | 151.8 | 153.1 | 154.3 | 155.6 | 156.1               | 124.4 | 131.0 | 137.7 | 144.3  | 150.6 | 156.8 | 163.1 |
| 11               | 4  | 121         | 132.3 | 132.8 | 134.2 | 135.5 | 136.8 | 138.2 | 139.5 | 142.1 | 144.8 | 147.3 | 149.7 | 151.0 | 152.2 | 153.4 | 154.7 | 155.9 | 156.4               | 124.9 | 131.5 | 138.2 | 144.8  | 151.0 | 157.1 | 163.3 |
| 11               | 5  | 129         | 132.7 | 133.2 | 134.6 | 135.9 | 137.2 | 138.6 | 139.9 | 142.5 | 145.2 | 147.6 | 150.1 | 151.3 | 152.5 | 153.8 | 155.0 | 156.2 | 156.7               | 125.3 | 131.9 | 138.6 | 145.2  | 151.3 | 157.4 | 163.5 |
| 11               | 6  | 126         | 133.2 | 133.7 | 135.1 | 136.4 | 137.7 | 139.1 | 140.4 | 143.0 | 145.7 | 148.1 | 150.5 | 151.7 | 152.9 | 154.1 | 155.3 | 156.5 | 157.0               | 125.8 | 132.4 | 139.1 | 145.7  | 151.7 | 157.7 | 163.7 |
| 11               | 7  | 127         | 133.7 | 134.2 | 135.6 | 136.9 | 138.2 | 139.6 | 140.9 | 143.5 | 146.2 | 148.6 | 151.0 | 152.2 | 153.3 | 154.5 | 155.7 | 156.9 | 157.4               | 126.3 | 132.9 | 139.6 | 146.2  | 152.2 | 158.1 | 164.1 |
| 11               | 8  | 108         | 134.2 | 134.7 | 136.1 | 137.4 | 138.7 | 140.1 | 141.4 | 144.0 | 146.7 | 149.0 | 151.4 | 152.6 | 153.7 | 154.9 | 156.1 | 157.2 | 157.7               | 126.8 | 133.4 | 140.1 | 146.7  | 152.5 | 158.4 | 164.2 |
| 11               | 9  | 122         | 134.7 | 135.2 | 136.6 | 137.9 | 139.2 | 140.6 | 141.9 | 144.5 | 147.2 | 149.5 | 151.8 | 152.9 | 154.1 | 155.2 | 156.4 | 157.5 | 158.0               | 127.3 | 133.9 | 140.6 | 147.2  | 152.9 | 158.7 | 164.4 |
| 11               | 10 | 116         | 135.2 | 135.7 | 137.1 | 138.4 | 139.8 | 141.1 | 142.4 | 145.1 | 147.8 | 150.0 | 152.3 | 153.4 | 154.5 | 155.6 | 156.7 | 157.9 | 158.3               | 127.7 | 134.4 | 141.1 | 147.8  | 153.4 | 159.0 | 164.5 |
| 11               | 11 | 134         | 135.7 | 136.2 | 137.6 | 138.9 | 140.3 | 141.6 | 142.9 | 145.6 | 148.3 | 150.5 | 152.7 | 153.8 | 154.9 | 156.0 | 157.1 | 158.2 | 158.6               | 128.2 | 134.9 | 141.6 | 148.3  | 153.8 | 159.3 | 164.7 |

TABLE 5. HEIGHT BY AGE : GIRLS

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ<br>เดือน |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |        |       |       |       |
|---------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|--------|-------|-------|-------|
|               |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97                 | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 12            | 0  | 122         | 136.2 | 136.7 | 138.1 | 139.4 | 140.8 | 142.1 | 143.4 | 146.1 | 148.8 | 150.9 | 153.1 | 154.2 | 155.2 | 156.3 | 157.4 | 158.5 | 158.9               | 128.7 | 135.4 | 142.1 | 148.8  | 154.2 | 159.5 | 164.9 |
| 12            | 1  | 117         | 136.7 | 137.2 | 138.6 | 139.9 | 141.2 | 142.6 | 143.9 | 146.5 | 149.2 | 151.3 | 153.5 | 154.5 | 155.6 | 156.6 | 157.7 | 158.8 | 159.2               | 129.3 | 135.9 | 142.6 | 149.2  | 154.5 | 159.8 | 165.2 |
| 12            | 2  | 124         | 137.2 | 137.7 | 139.1 | 140.4 | 141.7 | 143.1 | 144.4 | 147.0 | 149.7 | 151.8 | 153.9 | 154.9 | 156.0 | 157.0 | 158.0 | 159.1 | 159.5               | 129.8 | 136.4 | 143.1 | 149.7  | 154.9 | 160.1 | 165.3 |
| 12            | 3  | 132         | 137.6 | 138.1 | 139.5 | 140.8 | 142.1 | 143.5 | 144.8 | 147.4 | 150.1 | 152.2 | 154.2 | 155.3 | 156.3 | 157.3 | 158.4 | 159.4 | 159.8               | 130.2 | 136.8 | 143.5 | 150.1  | 155.3 | 160.4 | 165.6 |
| 12            | 4  | 118         | 138.1 | 138.6 | 139.9 | 141.2 | 142.5 | 143.9 | 145.2 | 147.8 | 150.4 | 152.4 | 154.5 | 155.5 | 156.5 | 157.5 | 158.6 | 159.6 | 160.0               | 130.8 | 137.3 | 143.9 | 150.4  | 155.5 | 160.6 | 165.7 |
| 12            | 5  | 121         | 138.5 | 139.0 | 140.3 | 141.6 | 142.9 | 144.3 | 145.6 | 148.2 | 150.8 | 152.8 | 154.8 | 155.9 | 156.9 | 157.9 | 158.9 | 159.9 | 160.3               | 131.2 | 137.7 | 144.3 | 150.8  | 155.9 | 160.9 | 166.0 |
| 12            | 6  | 119         | 138.9 | 139.4 | 140.7 | 142.0 | 143.3 | 144.6 | 145.9 | 148.5 | 151.1 | 153.1 | 155.1 | 156.2 | 157.2 | 158.2 | 159.2 | 160.2 | 160.6               | 131.6 | 138.1 | 144.6 | 151.1  | 156.2 | 161.2 | 166.3 |
| 12            | 7  | 127         | 139.3 | 139.8 | 141.1 | 142.4 | 143.7 | 145.0 | 146.3 | 148.8 | 151.4 | 153.4 | 155.4 | 156.5 | 157.5 | 158.5 | 159.5 | 160.5 | 160.9               | 132.1 | 138.5 | 145.0 | 151.4  | 156.5 | 161.5 | 166.6 |
| 12            | 8  | 134         | 139.7 | 140.2 | 141.5 | 142.8 | 144.0 | 145.3 | 146.6 | 149.1 | 151.7 | 153.7 | 155.7 | 156.7 | 157.7 | 158.7 | 159.7 | 160.7 | 161.1               | 132.6 | 138.9 | 145.3 | 151.7  | 156.7 | 161.7 | 166.7 |
| 12            | 9  | 132         | 140.1 | 140.6 | 141.9 | 143.1 | 144.4 | 145.7 | 146.9 | 149.5 | 152.0 | 154.0 | 156.0 | 157.0 | 158.0 | 159.0 | 160.0 | 161.0 | 161.4               | 133.0 | 139.3 | 145.7 | 152.0  | 157.0 | 162.0 | 167.0 |
| 12            | 10 | 154         | 140.4 | 140.9 | 142.2 | 143.4 | 144.7 | 146.0 | 147.2 | 149.8 | 152.3 | 154.3 | 156.3 | 157.2 | 158.2 | 159.2 | 160.2 | 161.2 | 161.6               | 133.3 | 139.6 | 146.0 | 152.3  | 157.2 | 162.2 | 167.1 |
| 12            | 11 | 113         | 140.8 | 141.3 | 142.5 | 143.8 | 145.0 | 146.3 | 147.5 | 150.0 | 152.5 | 154.5 | 156.5 | 157.5 | 158.5 | 159.5 | 160.5 | 161.5 | 161.9               | 133.8 | 140.1 | 146.3 | 152.5  | 157.5 | 162.5 | 167.5 |
| 13            | 0  | 114         | 141.2 | 141.7 | 142.9 | 144.1 | 145.4 | 146.6 | 147.8 | 150.3 | 152.7 | 154.7 | 156.7 | 157.7 | 158.7 | 159.7 | 160.7 | 161.7 | 162.1               | 134.4 | 140.5 | 146.6 | 152.7  | 157.7 | 162.7 | 167.7 |
| 13            | 1  | 120         | 141.5 | 142.0 | 143.2 | 144.4 | 145.6 | 146.8 | 148.0 | 150.5 | 152.9 | 154.9 | 156.9 | 157.9 | 158.9 | 159.9 | 160.9 | 161.9 | 162.3               | 134.7 | 140.8 | 146.8 | 152.9  | 157.9 | 162.9 | 167.9 |
| 13            | 2  | 138         | 141.9 | 142.4 | 143.6 | 144.8 | 146.0 | 147.1 | 148.3 | 150.7 | 153.1 | 155.1 | 157.1 | 158.1 | 159.1 | 160.1 | 161.1 | 162.1 | 162.5               | 135.2 | 141.2 | 147.1 | 153.1  | 158.1 | 163.1 | 168.1 |
| 13            | 3  | 114         | 142.3 | 142.8 | 143.9 | 145.1 | 146.3 | 147.4 | 148.6 | 151.0 | 153.3 | 155.3 | 157.3 | 158.3 | 159.3 | 160.3 | 161.3 | 162.3 | 162.7               | 135.8 | 141.6 | 147.5 | 153.3  | 158.3 | 163.3 | 168.3 |
| 13            | 4  | 139         | 142.6 | 143.1 | 144.2 | 145.4 | 146.5 | 147.7 | 148.8 | 151.1 | 153.4 | 155.4 | 157.4 | 158.5 | 159.5 | 160.5 | 161.5 | 162.5 | 162.9               | 136.2 | 141.9 | 147.7 | 153.4  | 158.5 | 163.5 | 168.6 |
| 13            | 5  | 151         | 143.0 | 143.4 | 144.6 | 145.7 | 146.8 | 147.9 | 149.0 | 151.3 | 153.5 | 155.5 | 157.6 | 158.6 | 159.6 | 160.6 | 161.7 | 162.7 | 163.1               | 136.8 | 142.3 | 147.9 | 153.5  | 158.6 | 163.7 | 168.8 |
| 13            | 6  | 123         | 143.3 | 143.7 | 144.8 | 146.0 | 147.1 | 148.2 | 149.3 | 151.5 | 153.7 | 155.7 | 157.8 | 158.8 | 159.8 | 160.8 | 161.9 | 162.9 | 163.3               | 137.1 | 142.6 | 148.2 | 153.7  | 158.8 | 163.9 | 169.0 |
| 13            | 7  | 115         | 143.6 | 144.0 | 145.1 | 146.2 | 147.3 | 148.4 | 149.5 | 151.6 | 153.8 | 155.9 | 157.9 | 159.0 | 160.0 | 161.0 | 162.1 | 163.1 | 163.5               | 137.5 | 143.0 | 148.4 | 153.8  | 159.0 | 164.1 | 169.3 |
| 13            | 8  | 132         | 143.9 | 144.3 | 145.4 | 146.5 | 147.6 | 148.6 | 149.7 | 151.9 | 154.0 | 156.0 | 158.1 | 159.1 | 160.1 | 161.1 | 162.2 | 163.2 | 163.6               | 137.9 | 143.3 | 148.6 | 154.0  | 159.1 | 164.2 | 169.3 |
| 13            | 9  | 139         | 144.2 | 144.6 | 145.7 | 146.8 | 147.8 | 148.9 | 149.9 | 152.1 | 154.2 | 156.2 | 158.3 | 159.3 | 160.3 | 161.3 | 162.4 | 163.4 | 163.8               | 138.2 | 143.6 | 148.9 | 154.2  | 159.3 | 164.4 | 169.5 |
| 13            | 10 | 146         | 144.5 | 144.9 | 146.0 | 147.0 | 148.0 | 149.1 | 150.1 | 152.2 | 154.3 | 156.3 | 158.4 | 159.4 | 160.4 | 161.4 | 162.5 | 163.5 | 163.9               | 138.7 | 143.9 | 149.1 | 154.3  | 159.4 | 164.5 | 169.6 |
| 13            | 11 | 136         | 144.7 | 145.1 | 146.2 | 147.2 | 148.2 | 149.3 | 150.3 | 152.4 | 154.5 | 156.5 | 158.6 | 159.6 | 160.6 | 161.6 | 162.7 | 163.7 | 164.1               | 138.9 | 144.1 | 149.3 | 154.5  | 159.6 | 164.7 | 169.8 |

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ<br>ปี เดือน | N   | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |        |       |       |       |
|------------------|-----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|--------|-------|-------|-------|
|                  |     | P3          | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90   | P95   | P97   | -3SD                | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 14 0             | 146 | 145.0       | 145.4 | 146.4 | 147.5 | 148.5 | 149.5 | 150.6 | 152.6 | 154.7 | 156.7 | 158.7 | 159.8 | 160.8 | 161.8 | 162.8 | 163.8 | 164.2 | 139.2               | 144.4 | 149.5 | 154.7  | 159.8 | 164.8 | 169.9 |
| 14 1             | 142 | 145.2       | 145.6 | 146.6 | 147.7 | 148.7 | 149.7 | 150.7 | 152.8 | 154.8 | 156.8 | 158.8 | 159.9 | 160.9 | 161.9 | 162.9 | 163.9 | 164.3 | 139.5               | 144.6 | 149.7 | 154.8  | 159.9 | 164.9 | 170.0 |
| 14 2             | 160 | 145.3       | 145.7 | 146.7 | 147.8 | 148.8 | 149.8 | 150.9 | 152.9 | 155.0 | 157.0 | 159.0 | 160.0 | 161.0 | 162.0 | 163.0 | 164.0 | 164.4 | 139.5               | 144.7 | 149.8 | 155.0  | 160.0 | 165.0 | 170.0 |
| 14 3             | 178 | 145.5       | 145.9 | 146.9 | 148.0 | 149.0 | 150.0 | 151.0 | 153.1 | 155.1 | 157.1 | 159.1 | 160.2 | 161.2 | 162.2 | 163.2 | 164.2 | 164.6 | 139.8               | 144.9 | 150.0 | 155.1  | 160.2 | 165.2 | 170.3 |
| 14 4             | 153 | 145.6       | 146.0 | 147.0 | 148.1 | 149.1 | 150.1 | 151.1 | 153.2 | 155.2 | 157.2 | 159.2 | 160.3 | 161.3 | 162.3 | 163.3 | 164.3 | 164.7 | 139.9               | 145.0 | 150.1 | 155.2  | 160.3 | 165.3 | 170.4 |
| 14 5             | 146 | 145.8       | 146.2 | 147.2 | 148.3 | 149.3 | 150.3 | 151.3 | 153.4 | 155.4 | 157.4 | 159.4 | 160.4 | 161.4 | 162.4 | 163.4 | 164.4 | 164.8 | 140.1               | 145.2 | 150.3 | 155.4  | 160.4 | 165.4 | 170.4 |
| 14 6             | 162 | 145.9       | 146.3 | 147.3 | 148.4 | 149.4 | 150.4 | 151.4 | 153.5 | 155.5 | 157.5 | 159.5 | 160.5 | 161.5 | 162.5 | 163.5 | 164.5 | 164.9 | 140.2               | 145.3 | 150.4 | 155.5  | 160.5 | 165.5 | 170.5 |
| 14 7             | 154 | 146.0       | 146.4 | 147.4 | 148.5 | 149.5 | 150.5 | 151.5 | 153.6 | 155.6 | 157.6 | 159.6 | 160.6 | 161.6 | 162.6 | 163.6 | 164.6 | 165.0 | 140.3               | 145.4 | 150.5 | 155.6  | 160.6 | 165.6 | 170.6 |
| 14 8             | 144 | 146.1       | 146.5 | 147.5 | 148.6 | 149.6 | 150.6 | 151.6 | 153.7 | 155.7 | 157.7 | 159.7 | 160.6 | 161.6 | 162.6 | 163.6 | 164.6 | 165.0 | 140.4               | 145.5 | 150.6 | 155.7  | 160.6 | 165.6 | 170.5 |
| 14 9             | 147 | 146.2       | 146.6 | 147.6 | 148.7 | 149.7 | 150.7 | 151.7 | 153.8 | 155.8 | 157.8 | 159.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.7 | 165.1 | 140.5               | 145.6 | 150.7 | 155.8  | 160.7 | 165.7 | 170.6 |
| 14 10            | 151 | 146.3       | 146.7 | 147.7 | 148.8 | 149.8 | 150.8 | 151.8 | 153.9 | 155.9 | 157.9 | 159.9 | 160.9 | 161.9 | 162.9 | 163.9 | 164.8 | 165.2 | 140.6               | 145.7 | 150.8 | 155.9  | 160.9 | 165.8 | 170.8 |
| 14 11            | 135 | 146.4       | 146.8 | 147.8 | 148.8 | 149.8 | 150.8 | 151.9 | 153.9 | 155.9 | 157.9 | 159.9 | 160.9 | 161.9 | 162.9 | 163.9 | 164.9 | 165.3 | 140.7               | 145.8 | 150.8 | 155.9  | 160.9 | 165.9 | 170.9 |
| 15 0             | 138 | 146.5       | 146.9 | 147.9 | 148.9 | 149.9 | 150.9 | 152.0 | 154.0 | 156.0 | 158.0 | 160.0 | 161.0 | 162.0 | 163.0 | 164.0 | 165.0 | 165.4 | 140.8               | 145.9 | 150.9 | 156.0  | 161.0 | 166.0 | 171.0 |
| 15 1             | 121 | 146.5       | 146.9 | 147.9 | 149.0 | 150.0 | 151.0 | 152.0 | 154.1 | 156.1 | 158.1 | 160.1 | 161.1 | 162.1 | 163.1 | 164.1 | 165.1 | 165.5 | 140.8               | 145.9 | 151.0 | 156.1  | 161.1 | 166.1 | 171.1 |
| 15 2             | 131 | 146.6       | 147.0 | 148.0 | 149.1 | 150.1 | 151.1 | 152.1 | 154.2 | 156.2 | 158.2 | 160.2 | 161.2 | 162.2 | 163.2 | 164.2 | 165.2 | 165.6 | 140.9               | 146.0 | 151.1 | 156.2  | 161.2 | 166.2 | 171.1 |
| 15 3             | 122 | 146.7       | 147.1 | 148.1 | 149.1 | 150.1 | 151.1 | 152.2 | 154.2 | 156.2 | 158.2 | 160.2 | 161.2 | 162.2 | 163.2 | 164.2 | 165.2 | 165.6 | 141.0               | 146.1 | 151.1 | 156.2  | 161.2 | 166.2 | 171.3 |
| 15 4             | 121 | 146.8       | 147.2 | 148.2 | 149.2 | 150.2 | 151.2 | 152.3 | 154.3 | 156.3 | 158.3 | 160.3 | 161.2 | 162.2 | 163.2 | 164.2 | 165.2 | 165.6 | 141.1               | 146.2 | 151.2 | 156.3  | 161.2 | 166.2 | 171.1 |
| 15 5             | 113 | 146.8       | 147.2 | 148.2 | 149.2 | 150.2 | 151.2 | 152.3 | 154.3 | 156.3 | 158.3 | 160.3 | 161.3 | 162.3 | 163.3 | 164.3 | 165.3 | 165.7 | 141.1               | 146.2 | 151.2 | 156.3  | 161.3 | 166.3 | 171.3 |
| 15 6             | 129 | 146.9       | 147.3 | 148.3 | 149.3 | 150.3 | 151.3 | 152.3 | 154.3 | 156.3 | 158.3 | 160.3 | 161.3 | 162.3 | 163.3 | 164.3 | 165.3 | 165.7 | 141.3               | 146.3 | 151.3 | 156.3  | 161.3 | 166.3 | 171.3 |
| 15 7             | 133 | 146.9       | 147.3 | 148.3 | 149.3 | 150.3 | 151.3 | 152.4 | 154.4 | 156.4 | 158.4 | 160.4 | 161.4 | 162.4 | 163.4 | 164.4 | 165.4 | 165.8 | 141.2               | 146.3 | 151.3 | 156.4  | 161.4 | 166.4 | 171.4 |
| 15 8             | 127 | 147.0       | 147.4 | 148.4 | 149.4 | 150.4 | 151.4 | 152.4 | 154.4 | 156.4 | 158.4 | 160.4 | 161.4 | 162.4 | 163.4 | 164.4 | 165.4 | 165.8 | 141.4               | 146.4 | 151.4 | 156.4  | 161.4 | 166.4 | 171.4 |
| 15 9             | 112 | 147.0       | 147.4 | 148.4 | 149.4 | 150.4 | 151.4 | 152.4 | 154.4 | 156.4 | 158.4 | 160.4 | 161.5 | 162.5 | 163.5 | 164.5 | 165.5 | 165.9 | 141.4               | 146.4 | 151.4 | 156.4  | 161.5 | 166.5 | 171.4 |
| 15 10            | 119 | 147.1       | 147.5 | 148.5 | 149.5 | 150.5 | 151.5 | 152.5 | 154.5 | 156.5 | 158.5 | 160.5 | 161.5 | 162.5 | 163.5 | 164.5 | 165.5 | 165.9 | 141.5               | 146.5 | 151.5 | 156.5  | 161.5 | 166.5 | 171.4 |
| 15 11            | 120 | 147.1       | 147.5 | 148.5 | 149.5 | 150.5 | 151.5 | 152.5 | 154.5 | 156.5 | 158.5 | 160.5 | 161.5 | 162.5 | 163.5 | 164.5 | 165.5 | 165.9 | 141.5               | 146.5 | 151.5 | 156.5  | 161.5 | 166.5 | 171.4 |

ตารางที่ 5 ส่วนสูงตามเกณฑ์อายุ 2-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |       |       |       |       |       |       |       |       |       |       |       |       |       |       | STANDARD DEVIATIONS |       |       |       |       |       |        |       |       |       |
|------------------|----|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
|                  |    | N           | P3    | P5    | P10   | P15   | P20   | P25   | P30   | P40   | P50   | P60   | P70   | P75   | P80   | P85   | P90                 | P95   | P97   | -3SD  | -2SD  | -1SD  | MEDIAN | +1SD  | +2SD  | +3SD  |
| 16               | 0  | 135         | 147.2 | 147.6 | 148.6 | 149.6 | 150.6 | 151.6 | 152.6 | 154.6 | 156.6 | 158.6 | 160.6 | 161.5 | 162.5 | 163.5 | 164.5               | 165.5 | 165.9 | 141.6 | 146.6 | 151.6 | 156.6  | 161.5 | 166.5 | 171.4 |
| 16               | 1  | 101         | 147.2 | 147.6 | 148.6 | 149.6 | 150.6 | 151.6 | 152.6 | 154.6 | 156.6 | 158.6 | 160.6 | 161.5 | 162.5 | 163.5 | 164.5               | 165.5 | 165.9 | 141.6 | 146.6 | 151.6 | 156.6  | 161.5 | 166.5 | 171.4 |
| 16               | 2  | 128         | 147.2 | 147.6 | 148.6 | 149.6 | 150.6 | 151.6 | 152.7 | 154.7 | 156.7 | 158.7 | 160.6 | 161.6 | 162.6 | 163.6 | 164.5               | 165.5 | 165.9 | 141.5 | 146.6 | 151.6 | 156.7  | 161.6 | 166.5 | 171.4 |
| 16               | 3  | 116         | 147.3 | 147.7 | 148.7 | 149.7 | 150.7 | 151.7 | 152.7 | 154.7 | 156.7 | 158.7 | 160.7 | 161.6 | 162.6 | 163.6 | 164.6               | 165.6 | 166.0 | 141.7 | 146.7 | 151.7 | 156.7  | 161.6 | 166.6 | 171.4 |
| 16               | 4  | 130         | 147.3 | 147.7 | 148.7 | 149.7 | 150.7 | 151.7 | 152.7 | 154.7 | 156.7 | 158.7 | 160.7 | 161.6 | 162.6 | 163.6 | 164.6               | 165.6 | 166.0 | 141.7 | 146.7 | 151.7 | 156.7  | 161.6 | 166.6 | 171.4 |
| 16               | 5  | 125         | 147.3 | 147.7 | 148.7 | 149.7 | 150.7 | 151.7 | 152.8 | 154.8 | 156.8 | 158.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 141.6 | 146.7 | 151.7 | 156.8  | 161.7 | 166.6 | 171.4 |
| 16               | 6  | 121         | 147.4 | 147.8 | 148.8 | 149.8 | 150.8 | 151.8 | 152.8 | 154.8 | 156.8 | 158.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 141.8 | 146.8 | 151.8 | 156.8  | 161.7 | 166.6 | 171.4 |
| 16               | 7  | 143         | 147.4 | 147.8 | 148.8 | 149.8 | 150.8 | 151.8 | 152.8 | 154.8 | 156.8 | 158.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 141.8 | 146.8 | 151.8 | 156.8  | 161.7 | 166.6 | 171.4 |
| 16               | 8  | 140         | 147.4 | 147.8 | 148.8 | 149.8 | 150.8 | 151.8 | 152.8 | 154.8 | 156.8 | 158.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 141.8 | 146.8 | 151.8 | 156.8  | 161.7 | 166.6 | 171.4 |
| 16               | 9  | 114         | 147.5 | 147.9 | 148.9 | 149.9 | 150.9 | 151.9 | 152.8 | 154.8 | 156.8 | 158.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.0 | 146.9 | 151.9 | 156.8  | 161.7 | 166.6 | 171.4 |
| 16               | 10 | 115         | 147.5 | 147.9 | 148.9 | 149.9 | 150.9 | 151.9 | 152.8 | 154.8 | 156.8 | 158.8 | 160.7 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.0 | 146.9 | 151.9 | 156.8  | 161.7 | 166.6 | 171.4 |
| 16               | 11 | 136         | 147.6 | 148.0 | 149.0 | 150.0 | 151.0 | 152.0 | 152.9 | 154.9 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.1 | 147.0 | 152.0 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 0  | 131         | 147.6 | 148.0 | 149.0 | 150.0 | 151.0 | 152.0 | 152.9 | 154.9 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.1 | 147.0 | 152.0 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 1  | 115         | 147.7 | 148.1 | 149.1 | 150.0 | 151.0 | 152.0 | 153.0 | 154.9 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.2 | 147.1 | 152.0 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 2  | 111         | 147.7 | 148.1 | 149.1 | 150.0 | 151.0 | 152.0 | 153.0 | 154.9 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.2 | 147.1 | 152.0 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 3  | 124         | 147.8 | 148.2 | 149.2 | 150.1 | 151.1 | 152.1 | 153.0 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.4 | 147.2 | 152.1 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 4  | 122         | 147.8 | 148.2 | 149.2 | 150.1 | 151.1 | 152.1 | 153.0 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.4 | 147.2 | 152.1 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 5  | 122         | 147.9 | 148.3 | 149.2 | 150.2 | 151.2 | 152.1 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.5 | 147.3 | 152.1 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 6  | 126         | 147.9 | 148.3 | 149.2 | 150.2 | 151.2 | 152.1 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.5 | 147.3 | 152.1 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 7  | 149         | 147.9 | 148.3 | 149.2 | 150.2 | 151.2 | 152.1 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.5 | 147.3 | 152.1 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 8  | 111         | 148.0 | 148.4 | 149.3 | 150.3 | 151.2 | 152.2 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.7 | 147.4 | 152.2 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 9  | 122         | 148.0 | 148.4 | 149.3 | 150.3 | 151.2 | 152.2 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.7 | 147.4 | 152.2 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 10 | 111         | 148.0 | 148.4 | 149.3 | 150.3 | 151.2 | 152.2 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.7 | 147.4 | 152.2 | 156.9  | 161.7 | 166.6 | 171.4 |
| 17               | 11 | 114         | 148.0 | 148.4 | 149.3 | 150.3 | 151.2 | 152.2 | 153.1 | 155.0 | 156.9 | 158.8 | 160.8 | 161.7 | 162.7 | 163.7 | 164.6               | 165.6 | 166.0 | 142.7 | 147.4 | 152.2 | 156.9  | 161.7 | 166.6 | 171.4 |

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

| อายุ<br>เดือน |     | PERCENTILES |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|---------------|-----|-------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|               |     | N           | P3  | P5  | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0             | 113 | 2.7         | 2.7 | 2.7 | 2.8  | 2.9  | 2.9  | 3.0  | 3.2  | 3.3  | 3.4  | 3.6  | 3.7  | 3.7  | 3.8  | 3.9  | 4.0  | 4.0  | 4.0                 | 2.3  | 2.7  | 3.0  | 3.3    | 3.7  | 4.0  | 4.4  |
| 1             | 19  | 3.3         | 3.3 | 3.3 | 3.4  | 3.5  | 3.6  | 3.7  | 3.9  | 4.0  | 4.2  | 4.4  | 4.5  | 4.6  | 4.7  | 4.8  | 4.9  | 4.9  | 4.9                 | 2.9  | 3.3  | 3.6  | 4.0    | 4.5  | 5.0  | 5.4  |
| 2             | 72  | 4.0         | 4.0 | 4.0 | 4.1  | 4.2  | 4.3  | 4.5  | 4.6  | 4.8  | 5.0  | 5.2  | 5.3  | 5.4  | 5.5  | 5.6  | 5.7  | 5.7  | 5.7                 | 3.5  | 3.9  | 4.4  | 4.8    | 5.3  | 5.8  | 6.2  |
| 3             | 13  | 4.6         | 4.6 | 4.6 | 4.7  | 4.8  | 4.9  | 5.1  | 5.3  | 5.5  | 5.7  | 6.0  | 6.1  | 6.2  | 6.3  | 6.4  | 6.6  | 6.6  | 6.6                 | 4.1  | 4.5  | 5.0  | 5.5    | 6.1  | 6.7  | 7.3  |
| 4             | 58  | 5.1         | 5.1 | 5.1 | 5.3  | 5.4  | 5.5  | 5.7  | 6.0  | 6.2  | 6.4  | 6.7  | 6.8  | 6.9  | 7.0  | 7.1  | 7.3  | 7.3  | 7.3                 | 4.4  | 5.0  | 5.6  | 6.2    | 6.8  | 7.4  | 8.0  |
| 5             | 28  | 5.6         | 5.7 | 5.7 | 5.8  | 5.9  | 6.0  | 6.2  | 6.5  | 6.8  | 7.1  | 7.3  | 7.4  | 7.6  | 7.7  | 7.8  | 7.9  | 8.0  | 8.0                 | 4.9  | 5.5  | 6.2  | 6.8    | 7.4  | 8.1  | 8.7  |
| 6             | 56  | 6.1         | 6.2 | 6.2 | 6.3  | 6.4  | 6.5  | 6.7  | 7.0  | 7.3  | 7.6  | 7.9  | 8.0  | 8.2  | 8.3  | 8.5  | 8.6  | 8.7  | 8.7                 | 5.4  | 6.0  | 6.7  | 7.3    | 8.0  | 8.8  | 9.5  |
| 7             | 15  | 6.5         | 6.6 | 6.6 | 6.7  | 6.8  | 7.0  | 7.1  | 7.5  | 7.8  | 8.1  | 8.4  | 8.6  | 8.8  | 8.9  | 9.1  | 9.2  | 9.3  | 9.3                 | 5.7  | 6.4  | 7.1  | 7.8    | 8.6  | 9.4  | 10.2 |
| 8             | 13  | 6.9         | 7.0 | 7.0 | 7.1  | 7.2  | 7.4  | 7.5  | 7.9  | 8.2  | 8.5  | 8.9  | 9.1  | 9.2  | 9.4  | 9.6  | 9.7  | 9.8  | 9.8                 | 6.1  | 6.8  | 7.5  | 8.2    | 9.1  | 9.9  | 10.8 |
| 9             | 50  | 7.3         | 7.4 | 7.4 | 7.5  | 7.6  | 7.8  | 7.9  | 8.3  | 8.6  | 8.9  | 9.3  | 9.5  | 9.6  | 9.8  | 10.0 | 10.1 | 10.2 | 10.2                | 6.5  | 7.2  | 7.9  | 8.6    | 9.5  | 10.3 | 11.2 |
| 10            | 24  | 7.6         | 7.7 | 7.7 | 7.8  | 7.9  | 8.1  | 8.2  | 8.6  | 8.9  | 9.3  | 9.6  | 9.8  | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.6                | 6.8  | 7.5  | 8.2  | 8.9    | 9.8  | 10.7 | 11.6 |
| 11            | 14  | 7.8         | 7.9 | 7.9 | 8.0  | 8.2  | 8.3  | 8.5  | 8.9  | 9.2  | 9.6  | 10.0 | 10.2 | 10.3 | 10.5 | 10.7 | 10.9 | 11.0 | 11.0                | 7.0  | 7.7  | 8.5  | 9.2    | 10.2 | 11.1 | 12.1 |
| 1             | 0   | 33          | 8.0 | 8.1 | 8.2  | 8.4  | 8.5  | 8.7  | 9.2  | 9.5  | 9.9  | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.3 | 11.4 | 11.4                | 7.1  | 7.9  | 8.7  | 9.5    | 10.5 | 11.5 | 12.5 |
| 1             | 1   | 18          | 8.2 | 8.3 | 8.4  | 8.6  | 8.8  | 8.9  | 9.5  | 9.8  | 10.2 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.7                | 7.2  | 8.1  | 8.9  | 9.8    | 10.8 | 11.8 | 12.8 |
| 1             | 2   | 12          | 8.4 | 8.5 | 8.7  | 8.8  | 9.0  | 9.2  | 9.4  | 9.7  | 10.1 | 10.5 | 11.0 | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.1                | 7.4  | 8.3  | 9.2  | 10.1   | 11.2 | 12.2 | 13.3 |
| 1             | 3   | 17          | 8.5 | 8.6 | 8.8  | 9.0  | 9.2  | 9.3  | 9.5  | 9.9  | 10.3 | 10.7 | 11.2 | 11.4 | 11.6 | 11.9 | 12.1 | 12.3 | 12.4                | 7.4  | 8.4  | 9.3  | 10.3   | 11.4 | 12.5 | 13.6 |
| 1             | 4   | 16          | 8.7 | 8.8 | 9.0  | 9.2  | 9.4  | 9.5  | 9.7  | 10.1 | 10.5 | 11.0 | 11.4 | 11.7 | 12.1 | 12.4 | 12.6 | 12.7 | 12.7                | 7.6  | 8.6  | 9.5  | 10.5   | 11.7 | 12.8 | 14.0 |
| 1             | 5   | 20          | 8.9 | 9.0 | 9.2  | 9.4  | 9.6  | 9.8  | 10.0 | 10.4 | 10.8 | 11.3 | 11.7 | 12.0 | 12.4 | 12.7 | 12.9 | 13.0 | 13.0                | 7.8  | 8.8  | 9.8  | 10.8   | 12.0 | 13.1 | 14.3 |
| 1             | 6   | 56          | 9.0 | 9.1 | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.6 | 11.0 | 11.5 | 12.0 | 12.3 | 12.5 | 12.8 | 13.0 | 13.3 | 13.4                | 7.8  | 8.9  | 9.9  | 11.0   | 12.3 | 13.6 | 14.8 |
| 1             | 7   | 31          | 9.2 | 9.3 | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.8 | 11.2 | 11.7 | 12.3 | 12.5 | 12.8 | 13.1 | 13.3 | 13.6 | 13.7                | 8.0  | 9.1  | 10.1 | 11.2   | 12.5 | 13.9 | 15.2 |
| 1             | 8   | 13          | 9.4 | 9.5 | 9.7  | 9.9  | 10.2 | 10.4 | 10.6 | 11.1 | 11.5 | 12.0 | 12.6 | 12.8 | 13.1 | 13.4 | 13.6 | 13.9 | 14.0                | 8.2  | 9.3  | 10.4 | 11.5   | 12.8 | 14.2 | 15.5 |
| 1             | 9   | 34          | 9.5 | 9.6 | 9.8  | 10.1 | 10.3 | 10.5 | 10.8 | 11.2 | 11.7 | 12.3 | 12.8 | 13.1 | 13.4 | 13.6 | 13.9 | 14.2 | 14.3                | 8.2  | 9.4  | 10.5 | 11.7   | 13.1 | 14.5 | 15.8 |
| 1             | 10  | 20          | 9.7 | 9.8 | 10.0 | 10.3 | 10.5 | 10.8 | 11.0 | 11.5 | 12.0 | 12.5 | 13.1 | 13.3 | 13.6 | 13.9 | 14.1 | 14.4 | 14.5                | 8.3  | 9.6  | 10.8 | 12.0   | 13.3 | 14.7 | 16.0 |
| 1             | 11  | 20          | 9.8 | 9.9 | 10.2 | 10.4 | 10.7 | 10.9 | 11.2 | 11.7 | 12.2 | 12.7 | 13.3 | 13.5 | 13.8 | 14.1 | 14.3 | 14.6 | 14.7                | 8.4  | 9.6  | 10.9 | 12.2   | 13.5 | 14.9 | 16.2 |

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

TABLE 6. WEIGHT BY AGE : BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 2                | 0  | 41          | 10.0 | 10.1 | 10.4 | 10.6 | 10.9 | 11.1 | 11.4 | 11.9 | 12.4 | 12.9 | 13.5 | 13.7 | 14.0 | 14.3 | 14.5 | 14.8 | 14.9                | 8.6  | 9.8  | 11.1 | 12.4   | 13.7 | 15.1 | 16.4 |
| 2                | 1  | 19          | 10.1 | 10.2 | 10.5 | 10.7 | 11.0 | 11.3 | 11.5 | 12.1 | 12.6 | 13.1 | 13.7 | 13.9 | 14.2 | 14.5 | 14.7 | 15.0 | 15.1                | 8.6  | 9.9  | 11.3 | 12.6   | 13.9 | 15.3 | 16.6 |
| 2                | 2  | 29          | 10.3 | 10.4 | 10.7 | 10.9 | 11.2 | 11.5 | 11.7 | 12.3 | 12.8 | 13.3 | 13.9 | 14.1 | 14.4 | 14.7 | 14.9 | 15.2 | 15.3                | 8.8  | 10.1 | 11.5 | 12.8   | 14.1 | 15.5 | 16.8 |
| 2                | 3  | 34          | 10.4 | 10.5 | 10.8 | 11.1 | 11.3 | 11.6 | 11.9 | 12.4 | 13.0 | 13.6 | 14.1 | 14.4 | 14.7 | 14.9 | 15.2 | 15.5 | 15.6                | 8.9  | 10.2 | 11.6 | 13.0   | 14.4 | 15.8 | 17.1 |
| 2                | 4  | 40          | 10.5 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.1 | 12.6 | 13.2 | 13.8 | 14.3 | 14.6 | 14.9 | 15.2 | 15.5 | 15.8 | 15.9                | 8.9  | 10.3 | 11.8 | 13.2   | 14.6 | 16.1 | 17.5 |
| 2                | 5  | 36          | 10.7 | 10.8 | 11.1 | 11.4 | 11.7 | 12.0 | 12.3 | 12.8 | 13.4 | 14.0 | 14.5 | 14.8 | 15.1 | 15.4 | 15.7 | 16.0 | 16.1                | 9.1  | 10.5 | 12.0 | 13.4   | 14.8 | 16.3 | 17.7 |
| 2                | 6  | 50          | 10.8 | 10.9 | 11.2 | 11.5 | 11.8 | 12.1 | 12.4 | 13.0 | 13.6 | 14.2 | 14.8 | 15.1 | 15.4 | 15.7 | 16.0 | 16.3 | 16.4                | 9.1  | 10.6 | 12.1 | 13.6   | 15.1 | 16.6 | 18.1 |
| 2                | 7  | 55          | 10.9 | 11.0 | 11.3 | 11.6 | 11.9 | 12.3 | 12.6 | 13.2 | 13.8 | 14.4 | 15.0 | 15.3 | 15.7 | 16.0 | 16.3 | 16.6 | 16.7                | 9.2  | 10.7 | 12.3 | 13.8   | 15.3 | 16.9 | 18.4 |
| 2                | 8  | 61          | 11.1 | 11.2 | 11.5 | 11.8 | 12.1 | 12.5 | 12.8 | 13.4 | 14.0 | 14.6 | 15.2 | 15.5 | 15.9 | 16.2 | 16.5 | 16.8 | 16.9                | 9.4  | 10.9 | 12.5 | 14.0   | 15.5 | 17.1 | 18.6 |
| 2                | 9  | 65          | 11.2 | 11.3 | 11.6 | 12.0 | 12.3 | 12.6 | 12.9 | 13.6 | 14.2 | 14.8 | 15.5 | 15.8 | 16.1 | 16.4 | 16.8 | 17.1 | 17.2                | 9.4  | 11.0 | 12.6 | 14.2   | 15.8 | 17.4 | 19.0 |
| 2                | 10 | 59          | 11.3 | 11.4 | 11.7 | 12.1 | 12.4 | 12.7 | 13.0 | 13.7 | 14.3 | 15.0 | 15.6 | 15.9 | 16.3 | 16.6 | 16.9 | 17.3 | 17.4                | 9.5  | 11.1 | 12.7 | 14.3   | 15.9 | 17.6 | 19.2 |
| 2                | 11 | 80          | 11.4 | 11.5 | 11.9 | 12.2 | 12.5 | 12.9 | 13.2 | 13.8 | 14.5 | 15.2 | 15.9 | 16.2 | 16.5 | 16.9 | 17.2 | 17.6 | 17.7                | 9.6  | 11.2 | 12.9 | 14.5   | 16.2 | 17.9 | 19.6 |
| 3                | 0  | 71          | 11.5 | 11.6 | 12.0 | 12.3 | 12.6 | 13.0 | 13.3 | 13.9 | 14.6 | 15.3 | 16.0 | 16.4 | 16.7 | 17.1 | 17.4 | 17.8 | 17.9                | 9.7  | 11.3 | 13.0 | 14.6   | 16.4 | 18.1 | 19.9 |
| 3                | 1  | 75          | 11.6 | 11.7 | 12.1 | 12.4 | 12.7 | 13.1 | 13.4 | 14.0 | 14.7 | 15.4 | 16.2 | 16.6 | 16.9 | 17.3 | 17.7 | 18.1 | 18.2                | 9.8  | 11.4 | 13.1 | 14.7   | 16.6 | 18.4 | 20.3 |
| 3                | 2  | 82          | 11.8 | 11.9 | 12.2 | 12.6 | 12.9 | 13.2 | 13.5 | 14.2 | 14.8 | 15.6 | 16.3 | 16.7 | 17.1 | 17.5 | 17.9 | 18.2 | 18.4                | 10.0 | 11.6 | 13.2 | 14.8   | 16.7 | 18.6 | 20.5 |
| 3                | 3  | 97          | 11.9 | 12.0 | 12.4 | 12.7 | 13.0 | 13.4 | 13.7 | 14.3 | 15.0 | 15.8 | 16.6 | 17.0 | 17.4 | 17.8 | 18.1 | 18.5 | 18.7                | 10.1 | 11.7 | 13.4 | 15.0   | 17.0 | 18.9 | 20.9 |
| 3                | 4  | 104         | 12.0 | 12.1 | 12.5 | 12.8 | 13.1 | 13.5 | 13.8 | 14.4 | 15.1 | 15.9 | 16.7 | 17.1 | 17.5 | 17.9 | 18.3 | 18.7 | 18.9                | 10.2 | 11.8 | 13.5 | 15.1   | 17.1 | 19.1 | 21.2 |
| 3                | 5  | 95          | 12.1 | 12.2 | 12.6 | 12.9 | 13.3 | 13.6 | 13.9 | 14.6 | 15.3 | 16.1 | 17.0 | 17.4 | 17.8 | 18.2 | 18.6 | 19.0 | 19.2                | 10.2 | 11.9 | 13.6 | 15.3   | 17.4 | 19.4 | 21.5 |
| 3                | 6  | 92          | 12.2 | 12.3 | 12.7 | 13.0 | 13.4 | 13.7 | 14.0 | 14.7 | 15.4 | 16.3 | 17.1 | 17.5 | 18.0 | 18.4 | 18.8 | 19.2 | 19.4                | 10.3 | 12.0 | 13.7 | 15.4   | 17.5 | 19.7 | 21.8 |
| 3                | 7  | 105         | 12.4 | 12.5 | 12.9 | 13.2 | 13.5 | 13.9 | 14.2 | 14.8 | 15.5 | 16.4 | 17.3 | 17.7 | 18.2 | 18.6 | 19.1 | 19.5 | 19.7                | 10.6 | 12.2 | 13.9 | 15.5   | 17.7 | 20.0 | 22.2 |
| 3                | 8  | 103         | 12.5 | 12.6 | 13.0 | 13.3 | 13.7 | 14.0 | 14.3 | 15.0 | 15.7 | 16.6 | 17.5 | 17.9 | 18.4 | 18.8 | 19.3 | 19.7 | 19.9                | 10.6 | 12.3 | 14.0 | 15.7   | 17.9 | 20.2 | 22.4 |
| 3                | 9  | 108         | 12.6 | 12.7 | 13.1 | 13.4 | 13.8 | 14.1 | 14.4 | 15.1 | 15.8 | 16.7 | 17.7 | 18.1 | 18.6 | 19.1 | 19.5 | 20.0 | 20.2                | 10.7 | 12.4 | 14.1 | 15.8   | 18.1 | 20.5 | 22.8 |
| 3                | 10 | 92          | 12.7 | 12.8 | 13.2 | 13.5 | 13.9 | 14.2 | 14.6 | 15.3 | 16.0 | 16.9 | 17.9 | 18.3 | 18.8 | 19.3 | 19.7 | 20.2 | 20.4                | 10.7 | 12.5 | 14.2 | 16.0   | 18.3 | 20.7 | 23.0 |
| 3                | 11 | 91          | 12.8 | 12.9 | 13.3 | 13.6 | 14.0 | 14.3 | 14.7 | 15.4 | 16.1 | 17.1 | 18.0 | 18.5 | 19.0 | 19.5 | 19.9 | 20.4 | 20.6                | 10.8 | 12.6 | 14.3 | 16.1   | 18.5 | 20.9 | 23.3 |

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4                | 0  | 88          | 12.9 | 13.0 | 13.4 | 13.7 | 14.1 | 14.4 | 14.8 | 15.5 | 16.2 | 17.2 | 18.2 | 18.7 | 19.2 | 19.7 | 20.2 | 20.7 | 20.9                | 10.9 | 12.7 | 14.4 | 16.2   | 18.7 | 21.2 | 23.7 |
| 4                | 1  | 86          | 13.0 | 13.1 | 13.5 | 13.8 | 14.2 | 14.5 | 14.9 | 15.6 | 16.3 | 17.3 | 18.4 | 18.9 | 19.4 | 19.9 | 20.5 | 21.0 | 21.2                | 11.0 | 12.8 | 14.5 | 16.3   | 18.9 | 21.5 | 24.1 |
| 4                | 2  | 82          | 13.1 | 13.2 | 13.6 | 13.9 | 14.3 | 14.6 | 15.0 | 15.7 | 16.4 | 17.5 | 18.5 | 19.1 | 19.6 | 20.1 | 20.7 | 21.2 | 21.4                | 11.1 | 12.9 | 14.6 | 16.4   | 19.1 | 21.7 | 24.4 |
| 4                | 3  | 93          | 13.2 | 13.3 | 13.7 | 14.1 | 14.4 | 14.8 | 15.2 | 15.9 | 16.6 | 17.7 | 18.7 | 19.3 | 19.8 | 20.3 | 20.9 | 21.4 | 21.6                | 11.2 | 13.0 | 14.8 | 16.6   | 19.3 | 21.9 | 24.6 |
| 4                | 4  | 84          | 13.3 | 13.4 | 13.8 | 14.2 | 14.5 | 14.9 | 15.3 | 16.0 | 16.7 | 17.8 | 18.9 | 19.4 | 20.0 | 20.5 | 21.0 | 21.6 | 21.8                | 11.3 | 13.1 | 14.9 | 16.7   | 19.4 | 22.1 | 24.8 |
| 4                | 5  | 102         | 13.4 | 13.5 | 13.9 | 14.3 | 14.6 | 15.0 | 15.4 | 16.1 | 16.8 | 17.9 | 19.1 | 19.6 | 20.2 | 20.7 | 21.3 | 21.9 | 22.1                | 11.4 | 13.2 | 15.0 | 16.8   | 19.6 | 22.4 | 25.3 |
| 4                | 6  | 96          | 13.5 | 13.6 | 14.0 | 14.4 | 14.8 | 15.1 | 15.5 | 16.3 | 17.0 | 18.1 | 19.3 | 19.8 | 20.4 | 20.9 | 21.5 | 22.1 | 22.3                | 11.4 | 13.3 | 15.1 | 17.0   | 19.8 | 22.6 | 25.5 |
| 4                | 7  | 94          | 13.7 | 13.8 | 14.2 | 14.6 | 14.9 | 15.3 | 15.7 | 16.4 | 17.1 | 18.3 | 19.4 | 20.0 | 20.6 | 21.2 | 21.8 | 22.4 | 22.6                | 11.7 | 13.5 | 15.3 | 17.1   | 20.0 | 22.9 | 25.9 |
| 4                | 8  | 99          | 13.8 | 13.9 | 14.3 | 14.7 | 15.0 | 15.4 | 15.8 | 16.5 | 17.2 | 18.4 | 19.6 | 20.2 | 20.8 | 21.4 | 22.0 | 22.6 | 22.8                | 11.8 | 13.6 | 15.4 | 17.2   | 20.2 | 23.2 | 26.1 |
| 4                | 9  | 86          | 14.0 | 14.1 | 14.5 | 14.9 | 15.2 | 15.6 | 16.0 | 16.7 | 17.4 | 18.6 | 19.8 | 20.4 | 21.0 | 21.6 | 22.3 | 22.9 | 23.1                | 12.0 | 13.8 | 15.6 | 17.4   | 20.4 | 23.5 | 26.5 |
| 4                | 10 | 100         | 14.1 | 14.2 | 14.6 | 15.0 | 15.3 | 15.7 | 16.1 | 16.8 | 17.5 | 18.7 | 20.0 | 20.6 | 21.2 | 21.8 | 22.4 | 23.1 | 23.3                | 12.1 | 13.9 | 15.7 | 17.5   | 20.6 | 23.7 | 26.8 |
| 4                | 11 | 82          | 14.2 | 14.3 | 14.7 | 15.1 | 15.5 | 15.8 | 16.2 | 17.0 | 17.7 | 19.0 | 20.2 | 20.8 | 21.5 | 22.1 | 22.7 | 23.3 | 23.6                | 12.1 | 14.0 | 15.8 | 17.7   | 20.8 | 24.0 | 27.1 |
| 5                | 0  | 84          | 14.3 | 14.4 | 14.8 | 15.2 | 15.6 | 15.9 | 16.3 | 17.1 | 17.8 | 19.1 | 20.4 | 21.0 | 21.6 | 22.3 | 22.9 | 23.5 | 23.8                | 12.2 | 14.1 | 15.9 | 17.8   | 21.0 | 24.2 | 27.4 |
| 5                | 1  | 96          | 14.4 | 14.6 | 14.9 | 15.3 | 15.7 | 16.1 | 16.5 | 17.2 | 18.0 | 19.3 | 20.6 | 21.2 | 21.9 | 22.5 | 23.2 | 23.8 | 24.1                | 12.3 | 14.2 | 16.1 | 18.0   | 21.2 | 24.5 | 27.7 |
| 5                | 2  | 82          | 14.6 | 14.8 | 15.1 | 15.5 | 15.9 | 16.3 | 16.7 | 17.4 | 18.2 | 19.5 | 20.8 | 21.4 | 22.1 | 22.7 | 23.4 | 24.0 | 24.3                | 12.5 | 14.4 | 16.3 | 18.2   | 21.4 | 24.7 | 27.9 |
| 5                | 3  | 97          | 14.7 | 14.9 | 15.3 | 15.6 | 16.0 | 16.4 | 16.8 | 17.6 | 18.4 | 19.7 | 21.0 | 21.7 | 22.4 | 23.0 | 23.7 | 24.3 | 24.6                | 12.5 | 14.5 | 16.4 | 18.4   | 21.7 | 25.0 | 28.3 |
| 5                | 4  | 97          | 14.8 | 15.0 | 15.4 | 15.7 | 16.1 | 16.5 | 16.9 | 17.7 | 18.5 | 19.8 | 21.2 | 21.9 | 22.5 | 23.2 | 23.9 | 24.5 | 24.8                | 12.6 | 14.6 | 16.5 | 18.5   | 21.8 | 25.2 | 28.5 |
| 5                | 5  | 90          | 14.9 | 15.1 | 15.5 | 15.9 | 16.3 | 16.7 | 17.1 | 17.9 | 18.7 | 20.1 | 21.4 | 22.1 | 22.8 | 23.5 | 24.1 | 24.8 | 25.1                | 12.6 | 14.7 | 16.7 | 18.7   | 22.1 | 25.5 | 28.9 |
| 5                | 6  | 89          | 15.0 | 15.2 | 15.6 | 16.0 | 16.4 | 16.8 | 17.2 | 18.0 | 18.8 | 20.2 | 21.6 | 22.3 | 22.9 | 23.6 | 24.3 | 25.0 | 25.3                | 12.7 | 14.8 | 16.8 | 18.8   | 22.3 | 25.7 | 29.2 |
| 5                | 7  | 85          | 15.1 | 15.3 | 15.7 | 16.1 | 16.5 | 16.9 | 17.3 | 18.2 | 19.0 | 20.4 | 21.8 | 22.5 | 23.2 | 23.9 | 24.6 | 25.3 | 25.6                | 12.8 | 14.9 | 16.9 | 19.0   | 22.5 | 26.0 | 29.5 |
| 5                | 8  | 80          | 15.3 | 15.5 | 15.9 | 16.3 | 16.7 | 17.1 | 17.5 | 18.3 | 19.1 | 20.5 | 22.0 | 22.7 | 23.4 | 24.1 | 24.8 | 25.5 | 25.8                | 13.0 | 15.1 | 17.1 | 19.1   | 22.7 | 26.2 | 29.8 |
| 5                | 9  | 101         | 15.4 | 15.6 | 16.0 | 16.4 | 16.8 | 17.2 | 17.6 | 18.5 | 19.3 | 20.7 | 22.2 | 22.9 | 23.6 | 24.3 | 25.0 | 25.7 | 26.0                | 13.1 | 15.2 | 17.2 | 19.3   | 22.9 | 26.4 | 30.0 |
| 5                | 10 | 77          | 15.6 | 15.8 | 16.2 | 16.6 | 17.0 | 17.4 | 17.8 | 18.6 | 19.4 | 20.9 | 22.3 | 23.1 | 23.8 | 24.5 | 25.3 | 26.0 | 26.3                | 13.3 | 15.4 | 17.4 | 19.4   | 23.1 | 26.7 | 30.4 |
| 5                | 11 | 86          | 15.7 | 15.9 | 16.3 | 16.7 | 17.1 | 17.5 | 17.9 | 18.8 | 19.6 | 21.1 | 22.6 | 23.3 | 24.1 | 24.8 | 25.6 | 26.3 | 26.6                | 13.4 | 15.5 | 17.5 | 19.6   | 23.3 | 27.0 | 30.8 |

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

| ข้อมูล |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|--------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|        |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 6      | 0  | 97          | 15.8 | 16.0 | 16.4 | 16.8 | 17.2 | 17.7 | 18.1 | 18.9 | 19.8 | 21.3 | 22.8 | 23.5 | 24.3 | 25.0 | 25.8 | 26.5 | 26.8                | 13.4 | 15.5 | 17.7 | 19.8   | 23.5 | 27.2 | 31.0 |
| 6      | 1  | 89          | 15.9 | 16.1 | 16.5 | 16.9 | 17.3 | 17.8 | 18.2 | 19.0 | 19.9 | 21.4 | 23.0 | 23.7 | 24.5 | 25.3 | 26.0 | 26.8 | 27.1                | 13.5 | 15.6 | 17.8 | 19.9   | 23.7 | 27.6 | 31.4 |
| 6      | 2  | 93          | 16.1 | 16.3 | 16.7 | 17.1 | 17.5 | 18.0 | 18.4 | 19.2 | 20.1 | 21.7 | 23.2 | 24.0 | 24.8 | 25.5 | 26.3 | 27.1 | 27.4                | 13.7 | 15.8 | 18.0 | 20.1   | 24.0 | 27.9 | 31.7 |
| 6      | 3  | 95          | 16.2 | 16.4 | 16.8 | 17.2 | 17.7 | 18.1 | 18.6 | 19.4 | 20.3 | 21.9 | 23.4 | 24.2 | 25.0 | 25.8 | 26.6 | 27.4 | 27.7                | 13.8 | 15.9 | 18.1 | 20.3   | 24.2 | 28.2 | 32.1 |
| 6      | 4  | 90          | 16.3 | 16.5 | 16.9 | 17.3 | 17.8 | 18.2 | 18.7 | 19.5 | 20.4 | 22.0 | 23.6 | 24.4 | 25.3 | 26.1 | 26.9 | 27.7 | 28.0                | 13.9 | 16.0 | 18.2 | 20.4   | 24.4 | 28.5 | 32.5 |
| 6      | 5  | 110         | 16.4 | 16.6 | 17.0 | 17.5 | 17.9 | 18.4 | 18.8 | 19.7 | 20.6 | 22.2 | 23.9 | 24.7 | 25.5 | 26.3 | 27.2 | 28.0 | 28.3                | 13.9 | 16.1 | 18.4 | 20.6   | 24.7 | 28.8 | 32.9 |
| 6      | 6  | 107         | 16.5 | 16.7 | 17.1 | 17.6 | 18.1 | 18.5 | 19.0 | 19.9 | 20.8 | 22.5 | 24.1 | 24.9 | 25.8 | 26.6 | 27.4 | 28.3 | 28.6                | 13.9 | 16.2 | 18.5 | 20.8   | 24.9 | 29.1 | 33.2 |
| 6      | 7  | 122         | 16.7 | 16.9 | 17.3 | 17.8 | 18.3 | 18.7 | 19.2 | 20.1 | 21.0 | 22.7 | 24.4 | 25.3 | 26.1 | 27.0 | 27.8 | 28.7 | 29.0                | 14.1 | 16.4 | 18.7 | 21.0   | 25.3 | 29.5 | 33.8 |
| 6      | 8  | 116         | 16.8 | 17.0 | 17.4 | 17.9 | 18.4 | 18.8 | 19.3 | 20.2 | 21.1 | 22.8 | 24.6 | 25.5 | 26.3 | 27.2 | 28.1 | 29.0 | 29.3                | 14.2 | 16.5 | 18.8 | 21.1   | 25.5 | 29.8 | 34.2 |
| 6      | 9  | 119         | 17.0 | 17.2 | 17.6 | 18.1 | 18.6 | 19.0 | 19.5 | 20.4 | 21.3 | 23.1 | 24.8 | 25.7 | 26.6 | 27.5 | 28.4 | 29.2 | 29.6                | 14.4 | 16.7 | 19.0 | 21.3   | 25.7 | 30.1 | 34.5 |
| 6      | 10 | 104         | 17.1 | 17.3 | 17.8 | 18.2 | 18.7 | 19.2 | 19.6 | 20.6 | 21.5 | 23.3 | 25.1 | 26.0 | 26.9 | 27.8 | 28.6 | 29.5 | 29.9                | 14.5 | 16.8 | 19.2 | 21.5   | 26.0 | 30.4 | 34.9 |
| 6      | 11 | 132         | 17.2 | 17.4 | 17.9 | 18.3 | 18.8 | 19.3 | 19.8 | 20.7 | 21.7 | 23.5 | 25.3 | 26.2 | 27.1 | 28.0 | 28.9 | 29.8 | 30.2                | 14.5 | 16.9 | 19.3 | 21.7   | 26.2 | 30.7 | 35.3 |
| 7      | 0  | 104         | 17.4 | 17.6 | 18.1 | 18.5 | 19.0 | 19.5 | 20.0 | 20.9 | 21.9 | 23.7 | 25.6 | 26.5 | 27.4 | 28.3 | 29.2 | 30.1 | 30.5                | 14.7 | 17.1 | 19.5 | 21.9   | 26.5 | 31.0 | 35.6 |
| 7      | 1  | 90          | 17.5 | 17.7 | 18.2 | 18.7 | 19.2 | 19.7 | 20.1 | 21.1 | 22.1 | 24.0 | 25.8 | 26.7 | 27.7 | 28.6 | 29.5 | 30.4 | 30.8                | 14.8 | 17.2 | 19.7 | 22.1   | 26.7 | 31.4 | 36.0 |
| 7      | 2  | 103         | 17.6 | 17.8 | 18.3 | 18.8 | 19.3 | 19.8 | 20.3 | 21.3 | 22.3 | 24.2 | 26.0 | 27.0 | 27.9 | 28.9 | 29.8 | 30.7 | 31.1                | 14.8 | 17.3 | 19.8 | 22.3   | 27.0 | 31.7 | 36.3 |
| 7      | 3  | 103         | 17.8 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.5 | 22.5 | 24.4 | 26.3 | 27.2 | 28.2 | 29.1 | 30.1 | 31.0 | 31.4                | 15.0 | 17.5 | 20.0 | 22.5   | 27.2 | 32.0 | 36.7 |
| 7      | 4  | 105         | 17.9 | 18.1 | 18.6 | 19.1 | 19.6 | 20.1 | 20.7 | 21.7 | 22.7 | 24.6 | 26.5 | 27.5 | 28.4 | 29.4 | 30.4 | 31.3 | 31.7                | 15.0 | 17.6 | 20.1 | 22.7   | 27.5 | 32.3 | 37.1 |
| 7      | 5  | 91          | 18.0 | 18.2 | 18.7 | 19.3 | 19.8 | 20.3 | 20.8 | 21.9 | 22.9 | 24.8 | 26.8 | 27.7 | 28.7 | 29.7 | 30.6 | 31.6 | 32.0                | 15.1 | 17.7 | 20.3 | 22.9   | 27.7 | 32.6 | 37.4 |
| 7      | 6  | 108         | 18.1 | 18.3 | 18.8 | 19.4 | 19.9 | 20.4 | 20.9 | 22.0 | 23.0 | 25.0 | 27.0 | 27.9 | 28.9 | 29.9 | 30.9 | 31.9 | 32.3                | 15.2 | 17.8 | 20.4 | 23.0   | 27.9 | 32.9 | 37.8 |
| 7      | 7  | 92          | 18.3 | 18.5 | 19.0 | 19.6 | 20.1 | 20.6 | 21.1 | 22.2 | 23.2 | 25.2 | 27.2 | 28.2 | 29.2 | 30.2 | 31.2 | 32.2 | 32.6                | 15.4 | 18.0 | 20.6 | 23.2   | 28.2 | 33.2 | 38.2 |
| 7      | 8  | 98          | 18.4 | 18.6 | 19.1 | 19.7 | 20.2 | 20.7 | 21.3 | 22.3 | 23.4 | 25.4 | 27.4 | 28.4 | 29.4 | 30.4 | 31.4 | 32.4 | 32.8                | 15.4 | 18.1 | 20.7 | 23.4   | 28.4 | 33.4 | 38.4 |
| 7      | 9  | 107         | 18.5 | 18.7 | 19.2 | 19.8 | 20.3 | 20.8 | 21.4 | 22.4 | 23.5 | 25.5 | 27.6 | 28.6 | 29.6 | 30.6 | 31.7 | 32.7 | 33.1                | 15.5 | 18.2 | 20.8 | 23.5   | 28.6 | 33.7 | 38.8 |
| 7      | 10 | 98          | 18.6 | 18.8 | 19.4 | 19.9 | 20.4 | 21.0 | 21.5 | 22.6 | 23.7 | 25.8 | 27.9 | 28.9 | 30.0 | 31.0 | 32.0 | 33.1 | 33.5                | 15.6 | 18.3 | 21.0 | 23.7   | 28.9 | 34.1 | 39.3 |
| 7      | 11 | 106         | 18.7 | 18.9 | 19.5 | 20.0 | 20.6 | 21.1 | 21.7 | 22.8 | 23.9 | 26.0 | 28.1 | 29.2 | 30.2 | 31.3 | 32.3 | 33.4 | 33.8                | 15.6 | 18.4 | 21.1 | 23.9   | 29.2 | 34.4 | 39.7 |

TABLE 6. WEIGHT BY AGE : BOYS

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

TABLE 6. WEIGHT BY AGE : BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 8                | 0  | 125         | 18.9 | 19.1 | 19.7 | 20.2 | 20.8 | 21.3 | 21.9 | 23.0 | 24.1 | 26.3 | 28.4 | 29.5 | 30.6 | 31.7 | 32.8 | 33.9 | 34.3                | 15.8 | 18.6 | 21.3 | 24.1   | 29.5 | 34.9 | 40.4 |
| 8                | 1  | 106         | 19.0 | 19.2 | 19.8 | 20.4 | 20.9 | 21.5 | 22.0 | 23.2 | 24.3 | 26.5 | 28.7 | 29.8 | 30.9 | 32.0 | 33.2 | 34.3 | 34.7                | 15.8 | 18.7 | 21.5 | 24.3   | 29.8 | 35.4 | 40.9 |
| 8                | 2  | 107         | 19.1 | 19.3 | 19.9 | 20.5 | 21.1 | 21.6 | 22.2 | 23.4 | 24.5 | 26.8 | 29.0 | 30.1 | 31.3 | 32.4 | 33.5 | 34.6 | 35.1                | 15.9 | 18.8 | 21.6 | 24.5   | 30.1 | 35.8 | 41.4 |
| 8                | 3  | 110         | 19.2 | 19.4 | 20.0 | 20.6 | 21.2 | 21.8 | 22.4 | 23.5 | 24.7 | 27.0 | 29.3 | 30.4 | 31.6 | 32.7 | 33.9 | 35.0 | 35.5                | 15.9 | 18.9 | 21.8 | 24.7   | 30.4 | 36.2 | 41.9 |
| 8                | 4  | 96          | 19.3 | 19.5 | 20.1 | 20.7 | 21.3 | 21.9 | 22.5 | 23.7 | 24.9 | 27.2 | 29.6 | 30.9 | 31.9 | 33.1 | 34.3 | 35.4 | 35.9                | 16.0 | 18.9 | 21.9 | 24.9   | 30.7 | 36.6 | 42.4 |
| 8                | 5  | 107         | 19.4 | 19.6 | 20.2 | 20.9 | 21.5 | 22.1 | 22.7 | 23.9 | 25.1 | 27.5 | 29.9 | 31.1 | 32.2 | 33.4 | 34.6 | 35.8 | 36.3                | 16.0 | 19.0 | 22.1 | 25.1   | 31.1 | 37.0 | 43.0 |
| 8                | 6  | 93          | 19.5 | 19.7 | 20.4 | 21.0 | 21.6 | 22.2 | 22.8 | 24.1 | 25.3 | 27.7 | 30.2 | 31.4 | 32.6 | 33.8 | 35.0 | 36.2 | 36.7                | 16.0 | 19.1 | 22.2 | 25.3   | 31.4 | 37.4 | 43.5 |
| 8                | 7  | 100         | 19.6 | 19.9 | 20.5 | 21.1 | 21.7 | 22.4 | 23.0 | 24.2 | 25.5 | 28.0 | 30.4 | 31.7 | 32.9 | 34.1 | 35.4 | 36.6 | 37.1                | 16.1 | 19.2 | 22.4 | 25.5   | 31.7 | 37.8 | 44.0 |
| 8                | 8  | 98          | 19.7 | 20.0 | 20.6 | 21.2 | 21.9 | 22.5 | 23.1 | 24.4 | 25.7 | 28.2 | 30.7 | 32.0 | 33.2 | 34.5 | 35.7 | 37.0 | 37.5                | 16.1 | 19.3 | 22.5 | 25.7   | 32.0 | 38.2 | 44.5 |
| 8                | 9  | 102         | 19.8 | 20.1 | 20.7 | 21.4 | 22.0 | 22.7 | 23.3 | 24.6 | 25.9 | 28.5 | 31.0 | 32.3 | 33.6 | 34.8 | 36.1 | 37.4 | 37.9                | 16.2 | 19.4 | 22.7 | 25.9   | 32.3 | 38.7 | 45.0 |
| 8                | 10 | 116         | 19.9 | 20.2 | 20.8 | 21.5 | 22.2 | 22.8 | 23.5 | 24.9 | 26.2 | 28.8 | 31.3 | 32.6 | 33.9 | 35.2 | 36.5 | 37.8 | 38.3                | 16.2 | 19.5 | 22.9 | 26.2   | 32.6 | 39.1 | 45.5 |
| 8                | 11 | 115         | 20.1 | 20.4 | 21.0 | 21.7 | 22.4 | 23.0 | 23.7 | 25.1 | 26.4 | 29.0 | 31.6 | 32.9 | 34.3 | 35.6 | 36.9 | 38.2 | 38.7                | 16.3 | 19.7 | 23.1 | 26.4   | 32.9 | 39.5 | 46.0 |
| 9                | 0  | 94          | 20.2 | 20.5 | 21.2 | 21.9 | 22.6 | 23.2 | 23.9 | 25.3 | 26.7 | 29.3 | 32.0 | 33.3 | 34.6 | 35.9 | 37.3 | 38.6 | 39.1                | 16.3 | 19.8 | 23.2 | 26.7   | 33.3 | 39.9 | 46.5 |
| 9                | 1  | 103         | 20.3 | 20.6 | 21.3 | 22.0 | 22.7 | 23.4 | 24.1 | 25.5 | 26.9 | 29.6 | 32.3 | 33.6 | 34.9 | 36.3 | 37.6 | 39.0 | 39.5                | 16.4 | 19.9 | 23.4 | 26.9   | 33.6 | 40.3 | 47.0 |
| 9                | 2  | 92          | 20.4 | 20.7 | 21.4 | 22.1 | 22.9 | 23.6 | 24.3 | 25.8 | 27.2 | 29.9 | 32.6 | 34.0 | 35.3 | 36.7 | 38.0 | 39.4 | 39.9                | 16.4 | 20.0 | 23.6 | 27.2   | 34.0 | 40.7 | 47.5 |
| 9                | 3  | 103         | 20.6 | 20.9 | 21.6 | 22.3 | 23.1 | 23.8 | 24.5 | 26.0 | 27.4 | 30.1 | 32.8 | 34.2 | 35.6 | 36.9 | 38.3 | 39.7 | 40.2                | 16.6 | 20.2 | 23.8 | 27.4   | 34.2 | 41.0 | 47.8 |
| 9                | 4  | 101         | 20.7 | 21.0 | 21.7 | 22.5 | 23.2 | 24.0 | 24.7 | 26.2 | 27.7 | 30.4 | 33.2 | 34.6 | 35.9 | 37.3 | 38.7 | 40.1 | 40.6                | 16.6 | 20.3 | 24.0 | 27.7   | 34.6 | 41.4 | 48.3 |
| 9                | 5  | 93          | 20.9 | 21.2 | 22.0 | 22.7 | 23.5 | 24.2 | 25.0 | 26.5 | 28.0 | 30.8 | 33.5 | 34.9 | 36.3 | 37.7 | 39.1 | 40.4 | 41.0                | 16.7 | 20.4 | 24.2 | 28.0   | 34.9 | 41.8 | 48.7 |
| 9                | 6  | 99          | 21.1 | 21.4 | 22.2 | 22.9 | 23.7 | 24.4 | 25.2 | 26.7 | 28.2 | 31.0 | 33.8 | 35.2 | 36.6 | 38.0 | 39.4 | 40.8 | 41.4                | 16.9 | 20.6 | 24.4 | 28.2   | 35.2 | 42.2 | 49.3 |
| 9                | 7  | 105         | 21.2 | 21.5 | 22.3 | 23.1 | 23.8 | 24.6 | 25.4 | 26.9 | 28.5 | 31.3 | 34.2 | 35.6 | 37.0 | 38.4 | 39.8 | 41.2 | 41.8                | 16.9 | 20.7 | 24.6 | 28.5   | 35.6 | 42.6 | 49.7 |
| 9                | 8  | 107         | 21.4 | 21.7 | 22.5 | 23.3 | 24.0 | 24.8 | 25.6 | 27.1 | 28.7 | 31.6 | 34.4 | 35.8 | 37.3 | 38.7 | 40.1 | 41.5 | 42.1                | 17.1 | 20.9 | 24.8 | 28.7   | 35.8 | 42.9 | 50.1 |
| 9                | 9  | 119         | 21.5 | 21.8 | 22.6 | 23.4 | 24.2 | 25.0 | 25.8 | 27.4 | 29.0 | 31.9 | 34.7 | 36.2 | 37.6 | 39.1 | 40.5 | 41.9 | 42.5                | 17.0 | 21.0 | 25.0 | 29.0   | 36.2 | 43.4 | 50.5 |
| 9                | 10 | 141         | 21.7 | 22.0 | 22.8 | 23.6 | 24.4 | 25.2 | 26.0 | 27.6 | 29.2 | 32.1 | 35.0 | 36.5 | 37.9 | 39.4 | 40.9 | 42.3 | 42.9                | 17.2 | 21.2 | 25.2 | 29.2   | 36.5 | 43.8 | 51.1 |
| 9                | 11 | 122         | 21.9 | 22.2 | 23.0 | 23.8 | 24.6 | 25.5 | 26.3 | 27.9 | 29.5 | 32.4 | 35.4 | 36.8 | 38.3 | 39.8 | 41.2 | 42.7 | 43.3                | 17.4 | 21.4 | 25.5 | 29.5   | 36.8 | 44.2 | 51.5 |

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

TABLE 6. WEIGHT BY AGE : BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|------|
|                  |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 10               | 0  | 119         | 22.0 | 22.3 | 23.1 | 24.0 | 24.8 | 25.6 | 26.4 | 28.1 | 29.7 | 32.7 | 35.6 | 37.1 | 38.6 | 40.1 | 41.5 | 43.0 | 43.6                | 17.4 | 21.5 | 25.6   | 29.7 | 37.1 | 44.5 | 51.9 |
| 10               | 1  | 96          | 22.2 | 22.5 | 23.4 | 24.2 | 25.0 | 25.9 | 26.7 | 28.3 | 30.0 | 33.0 | 36.0 | 37.4 | 38.9 | 40.4 | 41.9 | 43.4 | 44.0                | 17.5 | 21.7 | 25.9   | 30.0 | 37.4 | 44.9 | 52.3 |
| 10               | 2  | 101         | 22.3 | 22.6 | 23.5 | 24.3 | 25.2 | 26.0 | 26.8 | 28.5 | 30.2 | 33.2 | 36.2 | 37.8 | 39.3 | 40.8 | 42.3 | 43.8 | 44.4                | 17.6 | 21.8 | 26.0   | 30.2 | 37.8 | 45.3 | 52.9 |
| 10               | 3  | 139         | 22.5 | 22.8 | 23.7 | 24.5 | 25.4 | 26.2 | 27.0 | 28.7 | 30.4 | 33.4 | 36.5 | 38.0 | 39.5 | 41.0 | 42.5 | 44.1 | 44.7                | 17.7 | 22.0 | 26.2   | 30.4 | 38.0 | 45.6 | 53.2 |
| 10               | 4  | 130         | 22.7 | 23.0 | 23.9 | 24.7 | 25.6 | 26.4 | 27.3 | 29.0 | 30.7 | 33.8 | 36.8 | 38.4 | 39.9 | 41.4 | 43.0 | 44.5 | 45.1                | 17.8 | 22.2 | 26.4   | 30.7 | 38.4 | 46.0 | 53.7 |
| 10               | 5  | 114         | 22.8 | 23.1 | 24.0 | 24.9 | 25.7 | 26.6 | 27.5 | 29.2 | 30.9 | 34.0 | 37.1 | 38.6 | 40.2 | 41.7 | 43.2 | 44.8 | 45.4                | 17.9 | 22.3 | 26.6   | 30.9 | 38.6 | 46.3 | 54.0 |
| 10               | 6  | 135         | 23.0 | 23.3 | 24.2 | 25.1 | 26.0 | 26.8 | 27.7 | 29.5 | 31.2 | 34.3 | 37.4 | 38.9 | 40.5 | 42.0 | 43.5 | 45.1 | 45.7                | 18.0 | 22.5 | 26.8   | 31.2 | 38.9 | 46.6 | 54.3 |
| 10               | 7  | 124         | 23.1 | 23.5 | 24.3 | 25.2 | 26.1 | 27.0 | 27.9 | 29.6 | 31.4 | 34.5 | 37.7 | 39.2 | 40.8 | 42.3 | 43.9 | 45.5 | 46.1                | 18.1 | 22.6 | 27.0   | 31.4 | 39.2 | 47.0 | 54.8 |
| 10               | 8  | 116         | 23.3 | 23.7 | 24.6 | 25.4 | 26.3 | 27.2 | 28.1 | 29.9 | 31.7 | 34.8 | 38.0 | 39.6 | 41.1 | 42.7 | 44.3 | 45.9 | 46.5                | 18.1 | 22.8 | 27.2   | 31.7 | 39.6 | 47.4 | 55.3 |
| 10               | 9  | 119         | 23.4 | 23.8 | 24.7 | 25.6 | 26.5 | 27.4 | 28.3 | 30.1 | 31.9 | 35.1 | 38.3 | 39.9 | 41.5 | 43.1 | 44.8 | 46.4 | 47.0                | 18.2 | 22.9 | 27.4   | 31.9 | 39.9 | 48.0 | 56.0 |
| 10               | 10 | 144         | 23.5 | 23.9 | 24.8 | 25.7 | 26.6 | 27.6 | 28.5 | 30.3 | 32.2 | 35.4 | 38.7 | 40.3 | 41.9 | 43.5 | 45.1 | 46.8 | 47.4                | 18.3 | 22.9 | 27.6   | 32.2 | 40.3 | 48.4 | 56.4 |
| 10               | 11 | 119         | 23.7 | 24.1 | 25.0 | 25.9 | 26.9 | 27.8 | 28.8 | 30.6 | 32.5 | 35.8 | 39.1 | 40.7 | 42.3 | 44.0 | 45.6 | 47.2 | 47.9                | 18.5 | 23.1 | 27.8   | 32.5 | 40.7 | 48.9 | 57.1 |
| 11               | 0  | 133         | 23.8 | 24.2 | 25.1 | 26.1 | 27.0 | 28.0 | 28.9 | 30.8 | 32.7 | 36.0 | 39.4 | 41.1 | 42.7 | 44.4 | 46.1 | 47.7 | 48.4                | 18.5 | 23.2 | 28.0   | 32.7 | 41.0 | 49.4 | 57.7 |
| 11               | 1  | 123         | 24.0 | 24.4 | 25.3 | 26.3 | 27.3 | 28.2 | 29.2 | 31.1 | 33.0 | 36.4 | 39.7 | 41.4 | 43.1 | 44.8 | 46.4 | 48.1 | 48.8                | 18.6 | 23.4 | 28.2   | 33.0 | 41.4 | 49.8 | 58.2 |
| 11               | 2  | 107         | 24.1 | 24.5 | 25.5 | 26.4 | 27.4 | 28.4 | 29.4 | 31.3 | 33.3 | 36.7 | 40.1 | 41.8 | 43.5 | 45.2 | 46.9 | 48.6 | 49.3                | 18.6 | 23.5 | 28.4   | 33.3 | 41.6 | 50.3 | 58.8 |
| 11               | 3  | 122         | 24.3 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.6 | 31.6 | 33.6 | 37.0 | 40.5 | 42.2 | 43.9 | 45.6 | 47.3 | 49.0 | 49.7                | 18.8 | 23.7 | 28.7   | 33.6 | 42.2 | 50.7 | 59.3 |
| 11               | 4  | 115         | 24.4 | 24.8 | 25.8 | 26.8 | 27.8 | 28.8 | 29.9 | 31.9 | 33.9 | 37.3 | 40.8 | 42.5 | 44.2 | 46.0 | 47.7 | 49.4 | 50.1                | 18.7 | 23.8 | 28.8   | 33.9 | 42.5 | 51.1 | 59.7 |
| 11               | 5  | 108         | 24.6 | 25.0 | 26.0 | 27.1 | 28.1 | 29.1 | 30.1 | 32.2 | 34.2 | 37.7 | 41.1 | 42.9 | 44.6 | 46.3 | 48.1 | 49.8 | 50.5                | 18.9 | 24.0 | 29.1   | 34.2 | 42.9 | 51.5 | 60.2 |
| 11               | 6  | 108         | 24.8 | 25.2 | 26.2 | 27.3 | 28.3 | 29.3 | 30.4 | 32.4 | 34.5 | 38.0 | 41.5 | 43.2 | 45.0 | 46.7 | 48.5 | 50.2 | 50.9                | 19.0 | 24.2 | 29.3   | 34.5 | 43.2 | 51.9 | 60.7 |
| 11               | 7  | 138         | 25.0 | 25.4 | 26.5 | 27.5 | 28.5 | 29.6 | 30.6 | 32.7 | 34.8 | 38.3 | 41.9 | 43.6 | 45.4 | 47.2 | 48.9 | 50.7 | 51.4                | 19.2 | 24.4 | 29.6   | 34.8 | 43.6 | 52.5 | 61.3 |
| 11               | 8  | 113         | 25.2 | 25.6 | 26.7 | 27.8 | 28.8 | 29.9 | 30.9 | 33.1 | 35.2 | 38.7 | 42.3 | 44.0 | 45.8 | 47.6 | 49.3 | 51.1 | 51.8                | 19.3 | 24.6 | 29.9   | 35.2 | 44.0 | 52.9 | 61.7 |
| 11               | 9  | 134         | 25.3 | 25.7 | 26.8 | 27.9 | 29.0 | 30.1 | 31.2 | 33.3 | 35.5 | 39.1 | 42.6 | 44.4 | 46.2 | 47.9 | 49.7 | 51.5 | 52.2                | 19.4 | 24.7 | 30.1   | 35.5 | 44.4 | 53.3 | 62.1 |
| 11               | 10 | 131         | 25.4 | 25.8 | 27.0 | 28.1 | 29.2 | 30.3 | 31.4 | 33.7 | 35.9 | 39.5 | 43.0 | 44.8 | 46.6 | 48.3 | 50.1 | 51.9 | 52.6                | 19.5 | 24.7 | 30.3   | 35.9 | 44.8 | 53.7 | 62.5 |
| 11               | 11 | 140         | 25.8 | 26.2 | 27.3 | 28.5 | 29.6 | 30.7 | 31.8 | 34.0 | 36.2 | 39.8 | 43.3 | 45.1 | 46.9 | 48.7 | 50.5 | 52.3 | 53.0                | 19.6 | 25.1 | 30.7   | 36.2 | 45.1 | 54.1 | 63.0 |

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

| อายุ<br>ปี เดือน | N   | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |
|------------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|
|                  |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 12 0             | 140 | 26.0        | 26.5 | 27.6 | 28.7 | 29.8 | 31.0 | 32.1 | 34.3 | 36.6 | 40.2 | 43.7 | 45.5 | 47.3 | 49.1 | 50.9 | 52.7 | 53.4 | 19.7                | 25.3 | 31.0 | 36.6   | 45.5 | 54.5 | 63.4 |
| 12 1             | 119 | 26.2        | 26.7 | 27.8 | 29.0 | 30.1 | 31.3 | 32.4 | 34.7 | 37.0 | 40.6 | 44.1 | 45.9 | 47.7 | 49.5 | 51.3 | 53.1 | 53.8 | 19.8                | 25.5 | 31.3 | 37.0   | 45.9 | 54.9 | 63.8 |
| 12 2             | 132 | 26.4        | 26.9 | 28.0 | 29.2 | 30.3 | 31.5 | 32.7 | 35.0 | 37.3 | 40.9 | 44.5 | 46.3 | 48.1 | 49.9 | 51.7 | 53.5 | 54.2 | 19.9                | 25.7 | 31.5 | 37.3   | 46.3 | 55.3 | 64.3 |
| 12 3             | 137 | 26.6        | 27.1 | 28.3 | 29.4 | 30.6 | 31.8 | 33.0 | 35.3 | 37.7 | 41.3 | 44.9 | 46.7 | 48.5 | 50.3 | 52.1 | 53.9 | 54.6 | 20.0                | 25.9 | 31.8 | 37.7   | 46.7 | 55.7 | 64.7 |
| 12 4             | 140 | 26.8        | 27.3 | 28.5 | 29.7 | 30.9 | 32.1 | 33.3 | 35.7 | 38.1 | 41.7 | 45.2 | 47.0 | 48.8 | 50.6 | 52.4 | 54.2 | 54.9 | 20.1                | 26.1 | 32.1 | 38.1   | 47.0 | 56.0 | 64.9 |
| 12 5             | 122 | 27.1        | 27.6 | 28.8 | 30.0 | 31.2 | 32.4 | 33.6 | 36.1 | 38.5 | 42.1 | 45.6 | 47.4 | 49.2 | 51.0 | 52.8 | 54.6 | 55.3 | 20.3                | 26.4 | 32.4 | 38.5   | 47.4 | 56.4 | 65.3 |
| 12 6             | 131 | 27.3        | 27.8 | 29.0 | 30.3 | 31.5 | 32.8 | 34.0 | 36.5 | 39.0 | 42.6 | 46.1 | 47.9 | 49.7 | 51.4 | 53.2 | 55.0 | 55.7 | 20.3                | 26.6 | 32.8 | 39.0   | 47.9 | 56.8 | 65.6 |
| 12 7             | 138 | 27.6        | 28.1 | 29.4 | 30.6 | 31.9 | 33.1 | 34.4 | 36.9 | 39.4 | 43.0 | 46.5 | 48.3 | 50.1 | 51.8 | 53.6 | 55.4 | 56.1 | 20.6                | 26.9 | 33.1 | 39.4   | 48.3 | 57.2 | 66.0 |
| 12 8             | 141 | 27.8        | 28.3 | 29.6 | 30.9 | 32.1 | 33.4 | 34.7 | 37.2 | 39.8 | 43.3 | 46.9 | 48.6 | 50.4 | 52.2 | 53.9 | 55.7 | 56.4 | 20.7                | 27.0 | 33.4 | 39.8   | 48.6 | 57.5 | 66.3 |
| 12 9             | 149 | 28.1        | 28.6 | 29.9 | 31.2 | 32.5 | 33.8 | 35.1 | 37.6 | 40.2 | 43.7 | 47.3 | 49.0 | 50.8 | 52.6 | 54.3 | 56.1 | 56.8 | 20.9                | 27.3 | 33.8 | 40.2   | 49.0 | 57.9 | 66.7 |
| 12 10            | 133 | 28.4        | 28.9 | 30.2 | 31.5 | 32.8 | 34.2 | 35.5 | 38.1 | 40.7 | 44.2 | 47.7 | 49.5 | 51.2 | 53.0 | 54.7 | 56.5 | 57.2 | 21.1                | 27.6 | 34.2 | 40.7   | 49.5 | 58.2 | 67.0 |
| 12 11            | 149 | 28.7        | 29.2 | 30.5 | 31.9 | 33.2 | 34.5 | 35.8 | 38.5 | 41.1 | 44.6 | 48.1 | 49.8 | 51.6 | 53.3 | 55.1 | 56.8 | 57.5 | 21.3                | 27.9 | 34.5 | 41.1   | 49.8 | 58.5 | 67.3 |
| 13 0             | 141 | 29.0        | 29.5 | 30.9 | 32.2 | 33.6 | 34.9 | 36.2 | 38.9 | 41.6 | 45.1 | 48.5 | 50.3 | 52.0 | 53.7 | 55.5 | 57.2 | 57.9 | 21.5                | 28.2 | 34.9 | 41.6   | 50.3 | 58.9 | 67.6 |
| 13 1             | 161 | 29.3        | 29.8 | 31.2 | 32.5 | 33.9 | 35.2 | 36.6 | 39.3 | 42.0 | 45.4 | 48.9 | 50.6 | 52.3 | 54.1 | 55.8 | 57.5 | 58.2 | 21.7                | 28.5 | 35.2 | 42.0   | 50.6 | 59.2 | 67.8 |
| 13 2             | 145 | 29.6        | 30.1 | 31.5 | 32.9 | 34.3 | 35.6 | 37.0 | 39.8 | 42.5 | 45.9 | 49.3 | 51.0 | 52.7 | 54.4 | 56.1 | 57.8 | 58.5 | 21.9                | 28.8 | 35.6 | 42.5   | 51.0 | 59.5 | 68.0 |
| 13 3             | 133 | 29.9        | 30.5 | 31.8 | 33.2 | 34.6 | 36.0 | 37.4 | 40.1 | 42.9 | 46.3 | 49.7 | 51.4 | 53.1 | 54.8 | 56.5 | 58.2 | 58.9 | 22.2                | 29.1 | 36.0 | 42.9   | 51.4 | 59.9 | 68.4 |
| 13 4             | 148 | 30.2        | 30.8 | 32.2 | 33.5 | 34.9 | 36.3 | 37.7 | 40.5 | 43.3 | 46.7 | 50.1 | 51.8 | 53.4 | 55.1 | 56.8 | 58.5 | 59.2 | 22.4                | 29.4 | 36.3 | 43.3   | 51.8 | 60.2 | 68.7 |
| 13 5             | 129 | 30.5        | 31.1 | 32.5 | 33.9 | 35.3 | 36.7 | 38.1 | 41.0 | 43.8 | 47.1 | 50.5 | 52.2 | 53.8 | 55.5 | 57.2 | 58.8 | 59.5 | 22.6                | 29.7 | 36.7 | 43.8   | 52.1 | 60.5 | 68.8 |
| 13 6             | 131 | 30.8        | 31.4 | 32.8 | 34.2 | 35.6 | 37.1 | 38.5 | 41.3 | 44.2 | 47.5 | 50.8 | 52.5 | 54.2 | 55.8 | 57.5 | 59.1 | 59.8 | 22.8                | 30.0 | 37.1 | 44.2   | 52.5 | 60.8 | 69.1 |
| 13 7             | 153 | 31.1        | 31.7 | 33.1 | 34.6 | 36.0 | 37.5 | 38.9 | 41.8 | 44.7 | 48.0 | 51.3 | 52.9 | 54.5 | 56.2 | 57.8 | 59.4 | 60.1 | 23.0                | 30.2 | 37.5 | 44.7   | 52.9 | 61.1 | 69.3 |
| 13 8             | 141 | 31.4        | 32.0 | 33.4 | 34.9 | 36.4 | 37.8 | 39.3 | 42.2 | 45.1 | 48.4 | 51.7 | 53.3 | 54.9 | 56.6 | 58.2 | 59.8 | 60.5 | 23.2                | 30.5 | 37.8 | 45.1   | 53.3 | 61.5 | 69.7 |
| 13 9             | 145 | 31.7        | 32.3 | 33.8 | 35.2 | 36.7 | 38.2 | 39.6 | 42.6 | 45.5 | 48.7 | 52.0 | 53.6 | 55.2 | 56.8 | 58.4 | 60.1 | 60.7 | 23.5                | 30.8 | 38.2 | 45.5   | 53.6 | 61.7 | 69.7 |
| 13 10            | 149 | 32.0        | 32.6 | 34.1 | 35.5 | 37.0 | 38.5 | 40.0 | 42.9 | 45.9 | 49.1 | 52.3 | 53.9 | 55.5 | 57.1 | 58.8 | 60.4 | 61.0 | 23.7                | 31.1 | 38.5 | 45.9   | 53.9 | 62.0 | 70.0 |
| 13 11            | 128 | 32.4        | 33.0 | 34.5 | 35.9 | 37.4 | 38.9 | 40.4 | 43.3 | 46.3 | 49.5 | 52.7 | 54.3 | 55.9 | 57.5 | 59.1 | 60.7 | 61.3 | 24.1                | 31.5 | 38.9 | 46.3   | 54.3 | 62.3 | 70.2 |

TABLE 6. WEIGHT BY AGE : BOYS

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

| อายุ<br>ปี เดือน | N  | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|------|
|                  |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 14               | 0  | 118         | 32.8 | 33.4 | 34.9 | 36.3 | 37.8 | 39.3 | 40.8 | 43.7 | 46.7 | 49.9 | 53.1 | 54.7 | 56.3 | 57.9 | 59.5 | 61.1 | 61.7                | 24.5 | 31.9 | 39.3   | 46.7 | 54.7 | 62.7 | 70.6 |
| 14               | 1  | 136         | 33.2 | 33.8 | 35.3 | 36.7 | 38.2 | 39.7 | 41.2 | 44.1 | 47.1 | 50.3 | 53.4 | 55.0 | 56.6 | 58.2 | 59.8 | 61.4 | 62.0                | 24.9 | 32.3 | 39.7   | 47.1 | 55.0 | 62.9 | 70.9 |
| 14               | 2  | 148         | 33.6 | 34.2 | 35.7 | 37.1 | 38.6 | 40.1 | 41.5 | 44.5 | 47.4 | 50.5 | 53.7 | 55.3 | 56.8 | 58.4 | 60.0 | 61.6 | 62.2                | 25.4 | 32.7 | 40.1   | 47.4 | 55.3 | 63.1 | 71.0 |
| 14               | 3  | 138         | 34.0 | 34.6 | 36.1 | 37.5 | 39.0 | 40.5 | 41.9 | 44.9 | 47.8 | 50.9 | 54.1 | 55.6 | 57.2 | 58.7 | 60.3 | 61.9 | 62.5                | 25.8 | 33.1 | 40.5   | 47.8 | 55.6 | 63.4 | 71.2 |
| 14               | 4  | 143         | 34.4 | 35.0 | 36.5 | 37.9 | 39.4 | 40.9 | 42.3 | 45.3 | 48.2 | 51.3 | 54.4 | 55.9 | 57.5 | 59.0 | 60.5 | 62.1 | 62.7                | 26.2 | 33.5 | 40.9   | 48.2 | 55.9 | 63.6 | 71.3 |
| 14               | 5  | 119         | 34.8 | 35.4 | 36.8 | 38.3 | 39.8 | 41.2 | 42.7 | 45.6 | 48.5 | 51.6 | 54.7 | 56.2 | 57.8 | 59.3 | 60.8 | 62.4 | 63.0                | 26.6 | 33.9 | 41.2   | 48.5 | 56.2 | 63.9 | 71.6 |
| 14               | 6  | 119         | 35.2 | 35.8 | 37.2 | 38.7 | 40.1 | 41.6 | 43.0 | 45.9 | 48.8 | 51.9 | 55.0 | 56.5 | 58.1 | 59.6 | 61.1 | 62.7 | 63.3                | 27.1 | 34.3 | 41.6   | 48.8 | 56.5 | 64.2 | 71.9 |
| 14               | 7  | 113         | 35.5 | 36.1 | 37.5 | 39.0 | 40.5 | 41.9 | 43.4 | 46.3 | 49.2 | 52.2 | 55.3 | 56.8 | 58.3 | 59.8 | 61.4 | 62.9 | 63.5                | 27.3 | 34.6 | 41.9   | 49.2 | 56.8 | 64.4 | 72.0 |
| 14               | 8  | 122         | 35.9 | 36.5 | 37.9 | 39.4 | 40.8 | 42.3 | 43.7 | 46.6 | 49.5 | 52.5 | 55.6 | 57.1 | 58.6 | 60.1 | 61.7 | 63.2 | 63.8                | 27.8 | 35.0 | 42.3   | 49.5 | 57.1 | 64.7 | 72.3 |
| 14               | 9  | 112         | 36.3 | 36.9 | 38.3 | 39.7 | 41.2 | 42.6 | 44.1 | 46.9 | 49.8 | 52.8 | 55.8 | 57.4 | 58.9 | 60.4 | 61.9 | 63.4 | 64.0                | 28.3 | 35.4 | 42.6   | 49.8 | 57.4 | 64.9 | 72.5 |
| 14               | 10 | 114         | 36.6 | 37.2 | 38.6 | 40.0 | 41.5 | 42.9 | 44.4 | 47.2 | 50.1 | 53.1 | 56.1 | 57.6 | 59.1 | 60.6 | 62.1 | 63.6 | 64.2                | 28.6 | 35.7 | 42.9   | 50.1 | 57.6 | 65.1 | 72.6 |
| 14               | 11 | 122         | 37.0 | 37.6 | 39.0 | 40.4 | 41.8 | 43.3 | 44.7 | 47.5 | 50.4 | 53.4 | 56.4 | 57.8 | 59.3 | 60.8 | 62.3 | 63.8 | 64.4                | 29.0 | 36.2 | 43.3   | 50.4 | 57.8 | 65.3 | 72.7 |
| 15               | 0  | 120         | 37.4 | 38.0 | 39.4 | 40.8 | 42.2 | 43.6 | 45.0 | 47.9 | 50.7 | 53.7 | 56.7 | 58.1 | 59.6 | 61.1 | 62.6 | 64.1 | 64.7                | 29.5 | 36.6 | 43.6   | 50.7 | 58.1 | 65.6 | 73.0 |
| 15               | 1  | 107         | 37.8 | 38.4 | 39.8 | 41.2 | 42.6 | 44.0 | 45.4 | 48.2 | 51.0 | 54.0 | 56.9 | 58.4 | 59.9 | 61.4 | 62.8 | 64.3 | 64.9                | 29.9 | 37.0 | 44.0   | 51.0 | 58.4 | 65.8 | 73.2 |
| 15               | 2  | 95          | 38.2 | 38.8 | 40.1 | 41.5 | 42.9 | 44.3 | 45.7 | 48.4 | 51.2 | 54.2 | 57.1 | 58.6 | 60.1 | 61.6 | 63.0 | 64.5 | 65.1                | 30.5 | 37.4 | 44.3   | 51.2 | 58.6 | 66.0 | 73.4 |
| 15               | 3  | 90          | 38.5 | 39.1 | 40.4 | 41.8 | 43.2 | 44.6 | 46.0 | 48.7 | 51.5 | 54.4 | 57.4 | 58.8 | 60.3 | 61.8 | 63.2 | 64.7 | 65.3                | 30.8 | 37.7 | 44.6   | 51.5 | 58.8 | 66.2 | 73.5 |
| 15               | 4  | 108         | 38.9 | 39.4 | 40.8 | 42.2 | 43.6 | 44.9 | 46.3 | 49.1 | 51.8 | 54.7 | 57.6 | 59.0 | 60.5 | 61.9 | 63.4 | 64.8 | 65.4                | 31.2 | 38.1 | 44.9   | 51.8 | 59.0 | 66.3 | 73.5 |
| 15               | 5  | 102         | 39.2 | 39.7 | 41.1 | 42.5 | 43.9 | 45.2 | 46.6 | 49.4 | 52.1 | 55.0 | 57.8 | 59.3 | 60.7 | 62.2 | 63.6 | 65.0 | 65.6                | 31.5 | 38.4 | 45.2   | 52.1 | 59.3 | 66.5 | 73.6 |
| 15               | 6  | 94          | 39.6 | 40.1 | 41.5 | 42.8 | 44.2 | 45.5 | 46.9 | 49.6 | 52.3 | 55.2 | 58.0 | 59.5 | 60.9 | 62.4 | 63.8 | 65.2 | 65.8                | 32.0 | 38.8 | 45.5   | 52.3 | 59.5 | 66.7 | 73.8 |
| 15               | 7  | 75          | 39.9 | 40.4 | 41.8 | 43.1 | 44.5 | 45.8 | 47.2 | 49.9 | 52.6 | 55.5 | 58.3 | 59.7 | 61.2 | 62.6 | 64.0 | 65.4 | 66.0                | 32.3 | 39.1 | 45.8   | 52.6 | 59.7 | 66.8 | 74.0 |
| 15               | 8  | 80          | 40.2 | 40.7 | 42.1 | 43.4 | 44.8 | 46.1 | 47.4 | 50.1 | 52.8 | 55.6 | 58.5 | 59.9 | 61.3 | 62.7 | 64.1 | 65.5 | 66.1                | 32.7 | 39.4 | 46.1   | 52.8 | 59.9 | 66.9 | 74.0 |
| 15               | 9  | 89          | 40.5 | 41.0 | 42.4 | 43.7 | 45.1 | 46.4 | 47.7 | 50.4 | 53.1 | 55.9 | 58.7 | 60.1 | 61.5 | 62.9 | 64.3 | 65.7 | 66.3                | 33.0 | 39.7 | 46.4   | 53.1 | 60.1 | 67.1 | 74.2 |
| 15               | 10 | 83          | 40.8 | 41.3 | 42.7 | 44.0 | 45.3 | 46.7 | 48.0 | 50.6 | 53.3 | 56.1 | 58.9 | 60.3 | 61.7 | 63.1 | 64.5 | 65.9 | 66.5                | 33.4 | 40.0 | 46.7   | 53.3 | 60.3 | 67.3 | 74.4 |
| 15               | 11 | 94          | 41.1 | 41.6 | 42.9 | 44.3 | 45.6 | 46.9 | 48.2 | 50.9 | 53.5 | 56.3 | 59.1 | 60.5 | 61.9 | 63.3 | 64.6 | 66.0 | 66.6                | 33.7 | 40.3 | 46.9   | 53.5 | 60.5 | 67.4 | 74.4 |

TABLE 6. WEIGHT BY AGE : BOYS

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

| อายุ<br>ปี |    | เพศ<br>N | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |
|------------|----|----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|
|            |    |          | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 16         | 0  | 105      | 41.3        | 41.8 | 43.2 | 44.5 | 45.8 | 47.2 | 48.5 | 51.1 | 53.8 | 56.6 | 59.3 | 60.7 | 62.1 | 63.5 | 64.9 | 66.2 | 66.8 | 33.9                | 40.5 | 47.2 | 53.8   | 60.7 | 67.6 | 74.5 |
| 16         | 1  | 73       | 41.6        | 42.1 | 43.4 | 44.8 | 46.1 | 47.4 | 48.7 | 51.4 | 54.0 | 56.7 | 59.5 | 60.9 | 62.2 | 63.6 | 65.0 | 66.4 | 66.9 | 34.2                | 40.8 | 47.4 | 54.0   | 60.9 | 67.7 | 74.6 |
| 16         | 2  | 94       | 41.8        | 42.3 | 43.6 | 45.0 | 46.3 | 47.6 | 48.9 | 51.6 | 54.2 | 56.9 | 59.7 | 61.1 | 62.4 | 63.8 | 65.2 | 66.6 | 67.1 | 34.4                | 41.0 | 47.6 | 54.2   | 61.1 | 67.9 | 74.8 |
| 16         | 3  | 101      | 42.0        | 42.5 | 43.8 | 45.2 | 46.5 | 47.8 | 49.1 | 51.8 | 54.4 | 57.1 | 59.8 | 61.2 | 62.6 | 63.9 | 65.3 | 66.7 | 67.2 | 34.6                | 41.2 | 47.8 | 54.4   | 61.2 | 68.0 | 74.8 |
| 16         | 4  | 82       | 42.2        | 42.7 | 44.0 | 45.4 | 46.7 | 48.0 | 49.3 | 52.0 | 54.6 | 57.3 | 60.0 | 61.4 | 62.7 | 64.1 | 65.4 | 66.8 | 67.3 | 34.8                | 41.4 | 48.0 | 54.6   | 61.4 | 68.1 | 74.9 |
| 16         | 5  | 83       | 42.4        | 42.9 | 44.2 | 45.6 | 46.9 | 48.2 | 49.5 | 52.2 | 54.8 | 57.5 | 60.2 | 61.6 | 62.9 | 64.3 | 65.6 | 67.0 | 67.5 | 35.0                | 41.6 | 48.2 | 54.8   | 61.6 | 68.3 | 75.1 |
| 16         | 6  | 98       | 42.6        | 43.1 | 44.4 | 45.8 | 47.1 | 48.4 | 49.7 | 52.4 | 55.0 | 57.7 | 60.4 | 61.7 | 63.0 | 64.4 | 65.7 | 67.1 | 67.6 | 35.2                | 41.8 | 48.4 | 55.0   | 61.7 | 68.4 | 75.1 |
| 16         | 7  | 80       | 42.8        | 43.3 | 44.6 | 46.0 | 47.3 | 48.6 | 49.9 | 52.6 | 55.2 | 57.9 | 60.5 | 61.8 | 63.2 | 64.5 | 65.8 | 67.2 | 67.7 | 35.4                | 42.0 | 48.6 | 55.2   | 61.8 | 68.5 | 75.1 |
| 16         | 8  | 92       | 43.0        | 43.5 | 44.8 | 46.2 | 47.5 | 48.8 | 50.1 | 52.8 | 55.4 | 58.0 | 60.7 | 62.0 | 63.3 | 64.6 | 66.0 | 67.3 | 67.8 | 35.6                | 42.2 | 48.8 | 55.4   | 62.0 | 68.6 | 75.2 |
| 16         | 9  | 91       | 43.2        | 43.7 | 45.0 | 46.4 | 47.7 | 49.0 | 50.3 | 53.0 | 55.6 | 58.2 | 60.8 | 62.1 | 63.5 | 64.8 | 66.1 | 67.4 | 67.9 | 35.8                | 42.4 | 49.0 | 55.6   | 62.1 | 68.7 | 75.2 |
| 16         | 10 | 96       | 43.4        | 43.9 | 45.2 | 46.5 | 47.8 | 49.2 | 50.5 | 53.1 | 55.7 | 58.3 | 60.9 | 62.2 | 63.6 | 64.9 | 66.2 | 67.5 | 68.0 | 36.1                | 42.6 | 49.2 | 55.7   | 62.2 | 68.8 | 75.3 |
| 16         | 11 | 109      | 43.6        | 44.1 | 45.4 | 46.7 | 48.0 | 49.4 | 50.7 | 53.3 | 55.9 | 58.5 | 61.1 | 62.4 | 63.7 | 65.0 | 66.3 | 67.6 | 68.1 | 36.3                | 42.8 | 49.4 | 55.9   | 62.4 | 68.9 | 75.4 |
| 17         | 0  | 115      | 43.8        | 44.3 | 45.6 | 46.9 | 48.2 | 49.6 | 50.9 | 53.5 | 56.1 | 58.7 | 61.2 | 62.5 | 63.8 | 65.1 | 66.4 | 67.7 | 68.2 | 36.5                | 43.0 | 49.6 | 56.1   | 62.5 | 69.0 | 75.4 |
| 17         | 1  | 107      | 43.9        | 44.4 | 45.7 | 47.0 | 48.3 | 49.7 | 51.0 | 53.6 | 56.2 | 58.8 | 61.3 | 62.6 | 63.9 | 65.2 | 66.5 | 67.8 | 68.3 | 36.6                | 43.1 | 49.7 | 56.2   | 62.6 | 69.1 | 75.5 |
| 17         | 2  | 93       | 44.1        | 44.6 | 45.9 | 47.2 | 48.5 | 49.9 | 51.2 | 53.8 | 56.4 | 59.0 | 61.5 | 62.8 | 64.1 | 65.3 | 66.6 | 67.9 | 68.4 | 36.8                | 43.3 | 49.9 | 56.4   | 62.8 | 69.2 | 75.5 |
| 17         | 3  | 114      | 44.3        | 44.8 | 46.1 | 47.4 | 48.7 | 50.0 | 51.3 | 53.9 | 56.5 | 59.1 | 61.6 | 62.9 | 64.2 | 65.4 | 66.7 | 68.0 | 68.5 | 37.0                | 43.5 | 50.0 | 56.5   | 62.9 | 69.3 | 75.6 |
| 17         | 4  | 86       | 44.5        | 45.0 | 46.3 | 47.6 | 48.9 | 50.2 | 51.5 | 54.1 | 56.7 | 59.2 | 61.8 | 63.0 | 64.3 | 65.6 | 66.8 | 68.1 | 68.6 | 37.2                | 43.7 | 50.2 | 56.7   | 63.0 | 69.4 | 75.7 |
| 17         | 5  | 104      | 44.6        | 45.1 | 46.4 | 47.7 | 49.0 | 50.3 | 51.6 | 54.2 | 56.8 | 59.3 | 61.9 | 63.1 | 64.4 | 65.7 | 66.9 | 68.2 | 68.7 | 37.3                | 43.8 | 50.3 | 56.8   | 63.1 | 69.5 | 75.8 |
| 17         | 6  | 87       | 44.8        | 45.3 | 46.6 | 47.9 | 49.2 | 50.5 | 51.8 | 54.3 | 56.9 | 59.4 | 62.0 | 63.2 | 64.5 | 65.8 | 67.0 | 68.3 | 68.8 | 37.6                | 44.0 | 50.5 | 56.9   | 63.2 | 69.6 | 75.9 |
| 17         | 7  | 113      | 45.0        | 45.5 | 46.8 | 48.1 | 49.4 | 50.7 | 52.0 | 54.5 | 57.1 | 59.6 | 62.1 | 63.3 | 64.6 | 65.8 | 67.1 | 68.3 | 68.8 | 37.8                | 44.2 | 50.7 | 57.1   | 63.3 | 69.6 | 75.9 |
| 17         | 8  | 90       | 45.1        | 45.6 | 46.9 | 48.2 | 49.5 | 50.8 | 52.1 | 54.6 | 57.2 | 59.7 | 62.2 | 63.4 | 64.7 | 65.9 | 67.2 | 68.4 | 68.9 | 37.9                | 44.3 | 50.8 | 57.2   | 63.4 | 69.6 | 75.9 |
| 17         | 9  | 110      | 45.3        | 45.8 | 47.1 | 48.4 | 49.6 | 50.9 | 52.2 | 54.7 | 57.3 | 59.8 | 62.3 | 63.5 | 64.8 | 66.0 | 67.3 | 68.5 | 69.0 | 38.2                | 44.5 | 50.9 | 57.3   | 63.5 | 69.7 | 76.0 |
| 17         | 10 | 98       | 45.4        | 45.9 | 47.2 | 48.5 | 49.7 | 51.0 | 52.3 | 54.8 | 57.4 | 59.9 | 62.4 | 63.6 | 64.9 | 66.1 | 67.4 | 68.6 | 69.1 | 38.3                | 44.6 | 51.0 | 57.4   | 63.6 | 69.8 | 76.1 |
| 17         | 11 | 116      | 45.6        | 46.1 | 47.4 | 48.6 | 49.9 | 51.2 | 52.4 | 55.0 | 57.5 | 60.0 | 62.4 | 63.7 | 64.9 | 66.1 | 67.4 | 68.6 | 69.1 | 38.5                | 44.8 | 51.2 | 57.5   | 63.7 | 69.8 | 76.1 |

ตารางที่ 6 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศชาย

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 18               | 0  | 83          | 45.7 | 46.2 | 47.5 | 48.7 | 50.0 | 51.3 | 52.5 | 55.1 | 57.6 | 60.1 | 62.5 | 63.8 | 65.0 | 66.2 | 67.5 | 68.7 | 69.2                | 38.6 | 44.9 | 51.3 | 57.6   | 63.8 | 69.9 | 76.1 |
| 18               | 1  | 63          | 45.8 | 46.3 | 47.6 | 48.8 | 50.1 | 51.4 | 52.6 | 55.2 | 57.7 | 60.1 | 62.6 | 63.8 | 65.0 | 66.3 | 67.5 | 68.7 | 69.2                | 38.7 | 45.0 | 51.4 | 57.7   | 63.8 | 69.9 | 76.1 |
| 18               | 2  | 81          | 46.0 | 46.5 | 47.8 | 49.0 | 50.3 | 51.5 | 52.8 | 55.3 | 57.8 | 60.2 | 62.7 | 63.9 | 65.1 | 66.4 | 67.6 | 68.8 | 69.3                | 39.0 | 45.3 | 51.5 | 57.8   | 63.9 | 70.0 | 76.1 |
| 18               | 3  | 79          | 46.1 | 46.6 | 47.9 | 49.1 | 50.4 | 51.6 | 52.9 | 55.4 | 57.9 | 60.3 | 62.8 | 64.0 | 65.2 | 66.4 | 67.6 | 68.8 | 69.3                | 39.1 | 45.4 | 51.6 | 57.9   | 64.0 | 70.0 | 76.1 |
| 18               | 4  | 81          | 46.2 | 46.7 | 47.9 | 49.2 | 50.4 | 51.7 | 52.9 | 55.4 | 57.9 | 60.3 | 62.8 | 64.0 | 65.2 | 66.5 | 67.7 | 68.9 | 69.4                | 39.2 | 45.5 | 51.7 | 57.9   | 64.0 | 70.1 | 76.2 |
| 18               | 5  | 66          | 46.2 | 46.7 | 48.0 | 49.2 | 50.5 | 51.7 | 53.0 | 55.5 | 58.0 | 60.4 | 62.9 | 64.1 | 65.3 | 66.5 | 67.7 | 68.9 | 69.4                | 39.2 | 45.5 | 51.7 | 58.0   | 64.1 | 70.1 | 76.2 |
| 18               | 6  | 84          | 46.3 | 46.8 | 48.0 | 49.3 | 50.5 | 51.8 | 53.0 | 55.5 | 58.0 | 60.4 | 62.9 | 64.1 | 65.3 | 66.6 | 67.8 | 69.0 | 69.5                | 39.3 | 45.6 | 51.8 | 58.0   | 64.1 | 70.2 | 76.3 |
| 18               | 7  | 73          | 46.4 | 46.9 | 48.1 | 49.4 | 50.6 | 51.9 | 53.1 | 55.6 | 58.1 | 60.5 | 63.0 | 64.2 | 65.4 | 66.6 | 67.8 | 69.0 | 69.5                | 39.4 | 45.7 | 51.9 | 58.1   | 64.2 | 70.2 | 76.3 |
| 18               | 8  | 105         | 46.5 | 47.0 | 48.2 | 49.5 | 50.7 | 51.9 | 53.2 | 55.6 | 58.1 | 60.5 | 63.0 | 64.2 | 65.4 | 66.7 | 67.9 | 69.1 | 69.6                | 39.6 | 45.8 | 51.9 | 58.1   | 64.2 | 70.3 | 76.4 |
| 18               | 9  | 87          | 46.5 | 47.0 | 48.2 | 49.5 | 50.7 | 52.0 | 53.2 | 55.7 | 58.2 | 60.6 | 63.1 | 64.3 | 65.5 | 66.7 | 67.9 | 69.1 | 69.6                | 39.5 | 45.8 | 52.0 | 58.2   | 64.3 | 70.3 | 76.4 |
| 18               | 10 | 71          | 46.6 | 47.1 | 48.3 | 49.6 | 50.8 | 52.0 | 53.3 | 55.7 | 58.2 | 60.6 | 63.1 | 64.3 | 65.5 | 66.8 | 68.0 | 69.2 | 69.7                | 39.7 | 45.9 | 52.0 | 58.2   | 64.3 | 70.4 | 76.5 |
| 18               | 11 | 68          | 46.6 | 47.1 | 48.3 | 49.6 | 50.8 | 52.0 | 53.3 | 55.7 | 58.2 | 60.6 | 63.1 | 64.3 | 65.5 | 66.8 | 68.0 | 69.2 | 69.7                | 39.7 | 45.9 | 52.0 | 58.2   | 64.3 | 70.4 | 76.5 |
| 19               | 0  | 69          | 46.6 | 47.1 | 48.3 | 49.6 | 50.8 | 52.1 | 53.3 | 55.8 | 58.3 | 60.7 | 63.2 | 64.4 | 65.6 | 66.9 | 68.1 | 69.3 | 69.8                | 39.7 | 45.9 | 52.1 | 58.3   | 64.4 | 70.5 | 76.6 |
| 19               | 1  | 73          | 46.7 | 47.2 | 48.4 | 49.7 | 50.9 | 52.1 | 53.4 | 55.8 | 58.3 | 60.7 | 63.2 | 64.4 | 65.6 | 66.9 | 68.1 | 69.3 | 69.8                | 39.8 | 46.0 | 52.1 | 58.3   | 64.4 | 70.5 | 76.6 |
| 19               | 2  | 48          | 46.7 | 47.2 | 48.4 | 49.7 | 50.9 | 52.1 | 53.4 | 55.8 | 58.3 | 60.7 | 63.2 | 64.4 | 65.6 | 66.9 | 68.1 | 69.3 | 69.8                | 39.8 | 46.0 | 52.1 | 58.3   | 64.4 | 70.5 | 76.6 |
| 19               | 3  | 61          | 46.7 | 47.2 | 48.4 | 49.7 | 50.9 | 52.1 | 53.4 | 55.8 | 58.3 | 60.7 | 63.2 | 64.4 | 65.6 | 66.9 | 68.1 | 69.3 | 69.8                | 39.8 | 46.0 | 52.1 | 58.3   | 64.4 | 70.5 | 76.6 |
| 19               | 4  | 65          | 46.7 | 47.2 | 48.4 | 49.7 | 50.9 | 52.1 | 53.4 | 55.8 | 58.3 | 60.8 | 63.2 | 64.5 | 65.7 | 66.9 | 68.2 | 69.4 | 69.9                | 39.8 | 46.0 | 52.1 | 58.3   | 64.5 | 70.6 | 76.7 |
| 19               | 5  | 70          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.8 | 63.3 | 64.5 | 65.7 | 67.0 | 68.2 | 69.4 | 69.9                | 39.9 | 46.1 | 52.2 | 58.4   | 64.5 | 70.6 | 76.7 |
| 19               | 6  | 63          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.8 | 63.3 | 64.5 | 65.7 | 67.0 | 68.2 | 69.4 | 69.9                | 39.9 | 46.1 | 52.2 | 58.4   | 64.5 | 70.6 | 76.7 |
| 19               | 7  | 59          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.9 | 63.3 | 64.6 | 65.8 | 67.0 | 68.3 | 69.5 | 70.0                | 39.9 | 46.1 | 52.2 | 58.4   | 64.6 | 70.7 | 76.9 |
| 19               | 8  | 62          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.9 | 63.3 | 64.6 | 65.8 | 67.0 | 68.3 | 69.5 | 70.0                | 39.9 | 46.1 | 52.2 | 58.4   | 64.6 | 70.7 | 76.9 |
| 19               | 9  | 43          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.9 | 63.3 | 64.6 | 65.8 | 67.0 | 68.3 | 69.5 | 70.0                | 39.9 | 46.1 | 52.2 | 58.4   | 64.6 | 70.7 | 76.9 |
| 19               | 10 | 21          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.9 | 63.3 | 64.6 | 65.8 | 67.0 | 68.3 | 69.5 | 70.0                | 39.9 | 46.1 | 52.2 | 58.4   | 64.6 | 70.7 | 76.9 |
| 19               | 11 | 62          | 46.8 | 47.3 | 48.5 | 49.8 | 51.0 | 52.2 | 53.5 | 55.9 | 58.4 | 60.9 | 63.3 | 64.6 | 65.8 | 67.0 | 68.3 | 69.5 | 70.0                | 39.9 | 46.1 | 52.2 | 58.4   | 64.6 | 70.7 | 76.9 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน | N  | PERCENTILES |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |
|------------------|----|-------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|
|                  |    | P3          | P5  | P10 | P15 | P20 | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0                | 96 | 2.6         | 2.6 | 2.7 | 2.7 | 2.8 | 2.8  | 2.9  | 3.0  | 3.1  | 3.2  | 3.4  | 3.5  | 3.5  | 3.6  | 3.7  | 3.8  | 3.8  | 2.3                 | 2.6  | 2.8  | 3.1    | 3.5  | 3.8  | 4.2  |
| 1                | 16 | 3.2         | 3.2 | 3.3 | 3.4 | 3.4 | 3.5  | 3.5  | 3.7  | 3.8  | 4.0  | 4.1  | 4.2  | 4.3  | 4.4  | 4.5  | 4.6  | 4.6  | 2.8                 | 3.2  | 3.5  | 3.8    | 4.2  | 4.7  | 5.1  |
| 2                | 60 | 3.7         | 3.7 | 3.8 | 3.9 | 4.0 | 4.0  | 4.1  | 4.3  | 4.4  | 4.6  | 4.8  | 4.9  | 5.0  | 5.1  | 5.3  | 5.4  | 5.4  | 3.3                 | 3.7  | 4.0  | 4.4    | 4.9  | 5.5  | 6.0  |
| 3                | 13 | 4.2         | 4.2 | 4.3 | 4.4 | 4.5 | 4.6  | 4.7  | 4.9  | 5.1  | 5.3  | 5.6  | 5.7  | 5.8  | 5.9  | 6.0  | 6.2  | 6.2  | 3.7                 | 4.1  | 4.6  | 5.1    | 5.7  | 6.3  | 6.9  |
| 4                | 48 | 4.7         | 4.7 | 4.8 | 5.0 | 5.1 | 5.2  | 5.3  | 5.5  | 5.7  | 6.0  | 6.2  | 6.3  | 6.5  | 6.6  | 6.7  | 6.8  | 6.9  | 4.1                 | 4.6  | 5.2  | 5.7    | 6.3  | 7.0  | 7.6  |
| 5                | 10 | 5.1         | 5.1 | 5.3 | 5.4 | 5.5 | 5.6  | 5.7  | 6.0  | 6.2  | 6.5  | 6.8  | 6.9  | 7.1  | 7.2  | 7.4  | 7.5  | 7.6  | 4.5                 | 5.0  | 5.6  | 6.2    | 6.9  | 7.7  | 8.4  |
| 6                | 37 | 5.6         | 5.6 | 5.8 | 5.9 | 6.0 | 6.1  | 6.2  | 6.5  | 6.7  | 7.0  | 7.3  | 7.5  | 7.7  | 7.8  | 8.0  | 8.1  | 8.2  | 4.9                 | 5.4  | 6.1  | 6.7    | 7.5  | 8.3  | 9.1  |
| 7                | 18 | 5.9         | 6.0 | 6.1 | 6.2 | 6.4 | 6.5  | 6.6  | 6.9  | 7.2  | 7.5  | 7.9  | 8.1  | 8.2  | 8.4  | 8.6  | 8.7  | 8.8  | 5.2                 | 5.8  | 6.5  | 7.2    | 8.1  | 8.9  | 9.8  |
| 8                | 9  | 6.3         | 6.4 | 6.5 | 6.6 | 6.8 | 6.9  | 7.0  | 7.3  | 7.6  | 8.0  | 8.3  | 8.5  | 8.7  | 8.9  | 9.0  | 9.2  | 9.3  | 5.6                 | 6.2  | 6.9  | 7.6    | 8.5  | 9.4  | 10.3 |
| 9                | 36 | 6.6         | 6.7 | 6.8 | 6.9 | 7.1 | 7.2  | 7.3  | 7.6  | 7.9  | 8.3  | 8.7  | 8.9  | 9.0  | 9.2  | 9.4  | 9.6  | 9.7  | 5.8                 | 6.5  | 7.2  | 7.9    | 8.9  | 9.8  | 10.8 |
| 10               | 16 | 6.9         | 7.0 | 7.1 | 7.3 | 7.4 | 7.6  | 7.7  | 8.0  | 8.3  | 8.7  | 9.1  | 9.3  | 9.5  | 9.7  | 9.9  | 10.1 | 10.2 | 6.1                 | 6.8  | 7.6  | 8.3    | 9.3  | 10.3 | 11.3 |
| 11               | 11 | 7.2         | 7.3 | 7.4 | 7.6 | 7.7 | 7.9  | 8.0  | 8.3  | 8.6  | 9.0  | 9.5  | 9.7  | 9.9  | 10.1 | 10.3 | 10.5 | 10.6 | 6.3                 | 7.1  | 7.9  | 8.6    | 9.7  | 10.7 | 11.8 |
| 1                | 0  | 7.4         | 7.5 | 7.6 | 7.8 | 7.9 | 8.1  | 8.2  | 8.5  | 8.8  | 9.2  | 9.7  | 9.9  | 10.1 | 10.4 | 10.6 | 10.8 | 10.9 | 6.5                 | 7.3  | 8.1  | 8.8    | 9.9  | 11.0 | 12.1 |
| 1                | 1  | 7.6         | 7.7 | 7.8 | 8.0 | 8.1 | 8.3  | 8.5  | 8.8  | 9.1  | 9.5  | 10.0 | 10.2 | 10.4 | 10.7 | 10.9 | 11.1 | 11.2 | 6.7                 | 7.5  | 8.3  | 9.1    | 10.2 | 11.3 | 12.4 |
| 1                | 2  | 7.8         | 7.9 | 8.0 | 8.2 | 8.3 | 8.5  | 8.7  | 9.0  | 9.3  | 9.8  | 10.2 | 10.5 | 10.7 | 10.9 | 11.2 | 11.4 | 11.5 | 6.9                 | 7.7  | 8.5  | 9.3    | 10.5 | 11.6 | 12.8 |
| 1                | 3  | 8.0         | 8.1 | 8.2 | 8.4 | 8.5 | 8.7  | 8.9  | 9.2  | 9.5  | 10.0 | 10.5 | 10.7 | 11.0 | 11.2 | 11.5 | 11.7 | 11.8 | 7.1                 | 7.9  | 8.7  | 9.5    | 10.7 | 11.9 | 13.2 |
| 1                | 4  | 8.1         | 8.2 | 8.4 | 8.5 | 8.7 | 8.9  | 9.1  | 9.4  | 9.8  | 10.3 | 10.7 | 11.0 | 11.2 | 11.4 | 11.7 | 11.9 | 12.0 | 7.2                 | 8.1  | 8.9  | 9.8    | 11.0 | 12.1 | 13.3 |
| 1                | 5  | 8.3         | 8.4 | 8.6 | 8.7 | 8.9 | 9.1  | 9.3  | 9.6  | 10.0 | 10.5 | 11.0 | 11.2 | 11.5 | 11.7 | 12.0 | 12.2 | 12.3 | 7.3                 | 8.2  | 9.1  | 10.0   | 11.2 | 12.4 | 13.7 |
| 1                | 6  | 8.4         | 8.5 | 8.7 | 8.9 | 9.1 | 9.2  | 9.4  | 9.8  | 10.2 | 10.7 | 11.2 | 11.5 | 11.7 | 12.0 | 12.2 | 12.5 | 12.6 | 7.4                 | 8.4  | 9.2  | 10.2   | 11.5 | 12.8 | 14.0 |
| 1                | 7  | 8.6         | 8.7 | 8.9 | 9.1 | 9.3 | 9.4  | 9.6  | 10.0 | 10.4 | 10.9 | 11.5 | 11.7 | 12.0 | 12.3 | 12.5 | 12.8 | 12.9 | 7.5                 | 8.6  | 9.4  | 10.4   | 11.7 | 13.1 | 14.4 |
| 1                | 8  | 8.7         | 8.8 | 9.0 | 9.2 | 9.4 | 9.6  | 9.8  | 10.2 | 10.6 | 11.1 | 11.7 | 11.9 | 12.2 | 12.5 | 12.7 | 13.0 | 13.1 | 7.6                 | 8.7  | 9.6  | 10.6   | 11.9 | 13.3 | 14.6 |
| 1                | 9  | 8.9         | 9.0 | 9.2 | 9.4 | 9.6 | 9.8  | 10.0 | 10.5 | 10.9 | 11.4 | 12.0 | 12.2 | 12.5 | 12.8 | 13.0 | 13.3 | 13.4 | 7.7                 | 8.8  | 9.8  | 10.9   | 12.2 | 13.6 | 14.9 |
| 1                | 10 | 9.0         | 9.1 | 9.3 | 9.5 | 9.8 | 10.0 | 10.2 | 10.7 | 11.1 | 11.6 | 12.2 | 12.4 | 12.7 | 13.0 | 13.2 | 13.5 | 13.6 | 7.8                 | 8.9  | 10.0 | 11.1   | 12.4 | 13.8 | 15.1 |
| 1                | 11 | 9.1         | 9.2 | 9.4 | 9.7 | 9.9 | 10.1 | 10.4 | 10.8 | 11.3 | 11.9 | 12.4 | 12.7 | 13.0 | 13.2 | 13.5 | 13.8 | 13.9 | 7.9                 | 9.0  | 10.1 | 11.3   | 12.7 | 14.1 | 15.4 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน | N  | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|------|
|                  |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 2                | 0  | 25          | 9.2  | 9.3  | 9.6  | 9.8  | 10.1 | 10.3 | 10.6 | 11.1 | 11.6 | 12.2 | 12.7 | 13.0 | 13.3 | 13.5 | 13.8 | 14.1 | 14.2                | 8.0  | 9.1  | 10.3   | 11.6 | 13.0 | 14.4 | 15.7 |
| 2                | 1  | 21          | 9.3  | 9.4  | 9.7  | 9.9  | 10.2 | 10.5 | 10.7 | 11.3 | 11.8 | 12.4 | 12.9 | 13.2 | 13.5 | 13.7 | 14.0 | 14.3 | 14.4                | 8.0  | 9.2  | 10.5   | 11.8 | 13.2 | 14.6 | 15.9 |
| 2                | 2  | 32          | 9.5  | 9.6  | 9.9  | 10.1 | 10.4 | 10.7 | 10.9 | 11.5 | 12.0 | 12.6 | 13.1 | 13.4 | 13.7 | 14.0 | 14.3 | 14.6 | 14.7                | 8.1  | 9.3  | 10.7   | 12.0 | 13.4 | 14.9 | 16.3 |
| 2                | 3  | 36          | 9.6  | 9.7  | 10.0 | 10.3 | 10.5 | 10.8 | 11.1 | 11.6 | 12.2 | 12.8 | 13.3 | 13.6 | 13.9 | 14.2 | 14.5 | 14.8 | 14.9                | 8.2  | 9.5  | 10.8   | 12.2 | 13.6 | 15.1 | 16.5 |
| 2                | 4  | 36          | 9.7  | 9.8  | 10.1 | 10.4 | 10.7 | 11.0 | 11.3 | 11.8 | 12.4 | 13.0 | 13.6 | 13.9 | 14.2 | 14.5 | 14.8 | 15.1 | 15.2                | 8.3  | 9.6  | 11.0   | 12.4 | 13.9 | 15.4 | 16.9 |
| 2                | 5  | 29          | 9.9  | 10.0 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 12.0 | 12.6 | 13.2 | 13.8 | 14.1 | 14.5 | 14.8 | 15.1 | 15.4 | 15.5                | 8.4  | 9.7  | 11.2   | 12.6 | 14.1 | 15.7 | 17.2 |
| 2                | 6  | 53          | 10.0 | 10.1 | 10.4 | 10.7 | 11.0 | 11.3 | 11.6 | 12.2 | 12.8 | 13.4 | 14.0 | 14.3 | 14.7 | 15.0 | 15.3 | 15.6 | 15.7                | 8.5  | 9.8  | 11.3   | 12.8 | 14.3 | 15.9 | 17.4 |
| 2                | 7  | 52          | 10.2 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.4 | 13.0 | 13.6 | 14.3 | 14.6 | 14.9 | 15.2 | 15.6 | 15.9 | 16.0                | 8.6  | 10.0 | 11.5   | 13.0 | 14.6 | 16.2 | 17.8 |
| 2                | 8  | 41          | 10.3 | 10.4 | 10.7 | 11.0 | 11.3 | 11.7 | 12.0 | 12.6 | 13.2 | 13.8 | 14.5 | 14.8 | 15.1 | 15.4 | 15.8 | 16.1 | 16.2                | 8.7  | 10.1 | 11.7   | 13.2 | 14.8 | 16.4 | 18.0 |
| 2                | 9  | 50          | 10.5 | 10.6 | 10.9 | 11.2 | 11.5 | 11.9 | 12.2 | 12.8 | 13.4 | 14.1 | 14.7 | 15.0 | 15.4 | 15.7 | 16.0 | 16.4 | 16.5                | 8.8  | 10.3 | 11.9   | 13.4 | 15.0 | 16.7 | 18.3 |
| 2                | 10 | 74          | 10.6 | 10.7 | 11.0 | 11.4 | 11.7 | 12.0 | 12.3 | 13.0 | 13.6 | 14.3 | 14.9 | 15.2 | 15.6 | 15.9 | 16.2 | 16.6 | 16.7                | 8.9  | 10.5 | 12.0   | 13.6 | 15.2 | 16.9 | 18.5 |
| 2                | 11 | 72          | 10.8 | 10.9 | 11.2 | 11.6 | 11.9 | 12.2 | 12.5 | 13.2 | 13.8 | 14.5 | 15.2 | 15.5 | 15.8 | 16.2 | 16.5 | 16.9 | 17.0                | 9.0  | 10.6 | 12.2   | 13.8 | 15.5 | 17.2 | 18.9 |
| 3                | 0  | 85          | 10.9 | 11.0 | 11.3 | 11.7 | 12.0 | 12.3 | 12.6 | 13.3 | 13.9 | 14.6 | 15.3 | 15.7 | 16.0 | 16.4 | 16.7 | 17.1 | 17.2                | 9.1  | 10.7 | 12.3   | 13.9 | 15.7 | 17.4 | 19.2 |
| 3                | 1  | 92          | 11.1 | 11.2 | 11.5 | 11.9 | 12.2 | 12.5 | 12.8 | 13.5 | 14.1 | 14.8 | 15.5 | 15.9 | 16.3 | 16.6 | 17.0 | 17.4 | 17.5                | 9.2  | 10.9 | 12.5   | 14.1 | 15.9 | 17.7 | 19.5 |
| 3                | 2  | 108         | 11.2 | 11.3 | 11.7 | 12.0 | 12.3 | 12.7 | 13.0 | 13.6 | 14.3 | 15.0 | 15.7 | 16.1 | 16.5 | 16.8 | 17.2 | 17.6 | 17.7                | 9.4  | 11.0 | 12.7   | 14.3 | 16.1 | 17.9 | 19.7 |
| 3                | 3  | 92          | 11.3 | 11.4 | 11.8 | 12.1 | 12.4 | 12.8 | 13.1 | 13.7 | 14.4 | 15.2 | 15.9 | 16.3 | 16.7 | 17.1 | 17.5 | 17.8 | 18.0                | 9.5  | 11.1 | 12.8   | 14.4 | 16.3 | 18.2 | 20.1 |
| 3                | 4  | 92          | 11.4 | 11.5 | 11.9 | 12.2 | 12.6 | 12.9 | 13.2 | 13.9 | 14.6 | 15.4 | 16.1 | 16.5 | 16.9 | 17.3 | 17.7 | 18.0 | 18.2                | 9.6  | 11.2 | 12.9   | 14.6 | 16.5 | 18.4 | 20.3 |
| 3                | 5  | 83          | 11.6 | 11.7 | 12.1 | 12.4 | 12.7 | 13.1 | 13.4 | 14.0 | 14.7 | 15.5 | 16.3 | 16.7 | 17.1 | 17.5 | 17.9 | 18.3 | 18.5                | 9.7  | 11.4 | 13.1   | 14.7 | 16.7 | 18.7 | 20.8 |
| 3                | 6  | 107         | 11.7 | 11.8 | 12.2 | 12.5 | 12.9 | 13.2 | 13.5 | 14.2 | 14.9 | 15.7 | 16.5 | 16.9 | 17.3 | 17.7 | 18.1 | 18.5 | 18.7                | 9.8  | 11.5 | 13.2   | 14.9 | 16.9 | 18.9 | 21.0 |
| 3                | 7  | 101         | 11.8 | 11.9 | 12.3 | 12.6 | 13.0 | 13.3 | 13.6 | 14.3 | 15.0 | 15.8 | 16.7 | 17.1 | 17.5 | 17.9 | 18.3 | 18.7 | 18.9                | 9.9  | 11.6 | 13.3   | 15.0 | 17.1 | 19.1 | 21.2 |
| 3                | 8  | 96          | 11.9 | 12.0 | 12.4 | 12.7 | 13.1 | 13.4 | 13.8 | 14.5 | 15.2 | 16.1 | 16.9 | 17.3 | 17.8 | 18.2 | 18.6 | 19.0 | 19.2                | 9.9  | 11.7 | 13.4   | 15.2 | 17.3 | 19.5 | 21.6 |
| 3                | 9  | 104         | 12.0 | 12.1 | 12.5 | 12.8 | 13.2 | 13.5 | 13.9 | 14.6 | 15.3 | 16.2 | 17.0 | 17.5 | 17.9 | 18.4 | 18.8 | 19.2 | 19.4                | 10.0 | 11.8 | 13.5   | 15.3 | 17.5 | 19.7 | 21.8 |
| 3                | 10 | 128         | 12.1 | 12.2 | 12.6 | 12.9 | 13.3 | 13.6 | 14.0 | 14.7 | 15.4 | 16.3 | 17.2 | 17.6 | 18.1 | 18.5 | 19.0 | 19.4 | 19.6                | 10.1 | 11.9 | 13.6   | 15.4 | 17.6 | 19.9 | 22.1 |
| 3                | 11 | 101         | 12.2 | 12.3 | 12.7 | 13.1 | 13.4 | 13.8 | 14.2 | 14.9 | 15.6 | 16.5 | 17.4 | 17.8 | 18.3 | 18.7 | 19.2 | 19.6 | 19.8                | 10.2 | 12.0 | 13.8   | 15.6 | 17.8 | 20.1 | 22.3 |

TABLE 7. WEIGHT BY AGE : GIRLS

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4                | 0  | 109         | 12.3 | 12.4 | 12.8 | 13.2 | 13.5 | 13.9 | 14.3 | 15.0 | 15.7 | 16.6 | 17.6 | 18.0 | 18.5 | 19.0 | 19.4 | 19.9 | 20.1                | 10.3 | 12.1 | 13.9 | 15.7   | 18.0 | 20.4 | 22.7 |
| 4                | 1  | 88          | 12.4 | 12.5 | 12.9 | 13.3 | 13.6 | 14.0 | 14.4 | 15.1 | 15.8 | 16.8 | 17.7 | 18.2 | 18.7 | 19.2 | 19.6 | 20.1 | 20.3                | 10.4 | 12.2 | 14.0 | 15.8   | 18.2 | 20.6 | 23.0 |
| 4                | 2  | 100         | 12.5 | 12.6 | 13.0 | 13.4 | 13.8 | 14.1 | 14.5 | 15.3 | 16.0 | 17.0 | 17.9 | 18.4 | 18.9 | 19.4 | 19.8 | 20.3 | 20.5                | 10.5 | 12.3 | 14.1 | 16.0   | 18.4 | 20.8 | 23.2 |
| 4                | 3  | 82          | 12.6 | 12.7 | 13.1 | 13.5 | 13.9 | 14.2 | 14.6 | 15.4 | 16.1 | 17.1 | 18.1 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 20.7                | 10.5 | 12.4 | 14.2 | 16.1   | 18.5 | 21.0 | 23.4 |
| 4                | 4  | 96          | 12.8 | 12.9 | 13.3 | 13.7 | 14.0 | 14.4 | 14.8 | 15.5 | 16.2 | 17.2 | 18.2 | 18.7 | 19.2 | 19.7 | 20.2 | 20.7 | 20.9                | 10.7 | 12.6 | 14.4 | 16.2   | 18.7 | 21.2 | 23.7 |
| 4                | 5  | 111         | 12.9 | 13.0 | 13.4 | 13.8 | 14.2 | 14.5 | 14.9 | 15.7 | 16.4 | 17.4 | 18.4 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.2                | 10.8 | 12.7 | 14.5 | 16.4   | 19.0 | 21.5 | 24.1 |
| 4                | 6  | 85          | 13.0 | 13.1 | 13.5 | 13.9 | 14.3 | 14.6 | 15.0 | 15.8 | 16.5 | 17.5 | 18.5 | 19.1 | 19.6 | 20.1 | 20.6 | 21.1 | 21.3                | 10.9 | 12.8 | 14.6 | 16.5   | 19.1 | 21.6 | 24.2 |
| 4                | 7  | 91          | 13.1 | 13.3 | 13.6 | 14.0 | 14.4 | 14.8 | 15.2 | 15.9 | 16.7 | 17.7 | 18.7 | 19.3 | 19.8 | 20.3 | 20.8 | 21.3 | 21.5                | 11.0 | 12.9 | 14.8 | 16.7   | 19.3 | 21.8 | 24.4 |
| 4                | 8  | 94          | 13.2 | 13.4 | 13.7 | 14.1 | 14.5 | 14.9 | 15.3 | 16.0 | 16.8 | 17.8 | 18.9 | 19.4 | 19.9 | 20.4 | 21.0 | 21.5 | 21.7                | 11.1 | 13.0 | 14.9 | 16.8   | 19.4 | 22.0 | 24.6 |
| 4                | 9  | 94          | 13.3 | 13.5 | 13.8 | 14.2 | 14.6 | 15.0 | 15.4 | 16.1 | 16.9 | 18.0 | 19.1 | 19.6 | 20.2 | 20.7 | 21.2 | 21.8 | 22.0                | 11.2 | 13.1 | 15.0 | 16.9   | 19.5 | 22.3 | 25.0 |
| 4                | 10 | 90          | 13.4 | 13.6 | 14.0 | 14.3 | 14.7 | 15.1 | 15.5 | 16.3 | 17.1 | 18.2 | 19.3 | 19.8 | 20.4 | 20.9 | 21.4 | 22.0 | 22.2                | 11.3 | 13.2 | 15.1 | 17.1   | 19.8 | 22.5 | 25.2 |
| 4                | 11 | 90          | 13.6 | 13.8 | 14.1 | 14.5 | 14.9 | 15.3 | 15.7 | 16.4 | 17.2 | 18.3 | 19.5 | 20.0 | 20.6 | 21.1 | 21.7 | 22.3 | 22.5                | 11.4 | 13.4 | 15.3 | 17.2   | 20.0 | 22.8 | 25.7 |
| 5                | 0  | 92          | 13.7 | 13.9 | 14.3 | 14.6 | 15.0 | 15.4 | 15.8 | 16.6 | 17.4 | 18.5 | 19.7 | 20.3 | 20.8 | 21.4 | 22.0 | 22.6 | 22.8                | 11.5 | 13.5 | 15.4 | 17.4   | 20.3 | 23.1 | 26.0 |
| 5                | 1  | 90          | 13.8 | 14.0 | 14.4 | 14.7 | 15.1 | 15.5 | 15.9 | 16.7 | 17.5 | 18.7 | 19.9 | 20.5 | 21.1 | 21.7 | 22.3 | 22.9 | 23.1                | 11.6 | 13.6 | 15.5 | 17.5   | 20.5 | 23.5 | 26.4 |
| 5                | 2  | 98          | 13.9 | 14.1 | 14.5 | 14.9 | 15.3 | 15.7 | 16.1 | 16.9 | 17.7 | 18.9 | 20.1 | 20.7 | 21.3 | 21.9 | 22.6 | 23.2 | 23.4                | 11.7 | 13.7 | 15.7 | 17.7   | 20.7 | 23.8 | 26.8 |
| 5                | 3  | 105         | 14.1 | 14.3 | 14.7 | 15.1 | 15.5 | 15.9 | 16.3 | 17.1 | 17.9 | 19.1 | 20.4 | 21.0 | 21.6 | 22.2 | 22.8 | 23.5 | 23.7                | 11.8 | 13.9 | 15.9 | 17.9   | 21.0 | 24.1 | 27.2 |
| 5                | 4  | 96          | 14.2 | 14.4 | 14.8 | 15.2 | 15.6 | 16.0 | 16.4 | 17.2 | 18.0 | 19.3 | 20.5 | 21.1 | 21.8 | 22.4 | 23.0 | 23.6 | 23.9                | 11.9 | 14.0 | 16.0 | 18.0   | 21.1 | 24.3 | 27.4 |
| 5                | 5  | 98          | 14.4 | 14.6 | 15.0 | 15.4 | 15.8 | 16.2 | 16.6 | 17.4 | 18.2 | 19.5 | 20.8 | 21.4 | 22.0 | 22.7 | 23.3 | 23.9 | 24.2                | 12.1 | 14.2 | 16.2 | 18.2   | 21.4 | 24.6 | 27.6 |
| 5                | 6  | 113         | 14.5 | 14.7 | 15.1 | 15.5 | 15.9 | 16.3 | 16.7 | 17.5 | 18.4 | 19.7 | 21.0 | 21.6 | 22.3 | 22.9 | 23.6 | 24.2 | 24.5                | 12.2 | 14.3 | 16.3 | 18.4   | 21.6 | 24.9 | 28.1 |
| 5                | 7  | 99          | 14.6 | 14.8 | 15.2 | 15.6 | 16.0 | 16.4 | 16.8 | 17.7 | 18.5 | 19.8 | 21.2 | 21.9 | 22.5 | 23.2 | 23.9 | 24.5 | 24.8                | 12.3 | 14.4 | 16.4 | 18.5   | 21.8 | 25.2 | 28.5 |
| 5                | 8  | 85          | 14.8 | 15.0 | 15.4 | 15.8 | 16.2 | 16.6 | 17.0 | 17.9 | 18.7 | 20.1 | 21.4 | 22.1 | 22.8 | 23.5 | 24.1 | 24.8 | 25.1                | 12.5 | 14.6 | 16.6 | 18.7   | 22.1 | 25.5 | 28.9 |
| 5                | 9  | 86          | 14.9 | 15.1 | 15.5 | 15.9 | 16.3 | 16.8 | 17.2 | 18.0 | 18.9 | 20.3 | 21.6 | 22.3 | 23.0 | 23.7 | 24.3 | 25.0 | 25.3                | 12.6 | 14.6 | 16.8 | 18.9   | 22.3 | 25.7 | 29.1 |
| 5                | 10 | 102         | 15.1 | 15.3 | 15.7 | 16.1 | 16.5 | 16.9 | 17.3 | 18.2 | 19.0 | 20.4 | 21.8 | 22.5 | 23.1 | 23.8 | 24.5 | 25.2 | 25.5                | 12.7 | 14.9 | 16.9 | 19.0   | 22.5 | 25.9 | 29.4 |
| 5                | 11 | 96          | 15.2 | 15.4 | 15.8 | 16.2 | 16.6 | 17.1 | 17.5 | 18.3 | 19.2 | 20.6 | 22.0 | 22.7 | 23.4 | 24.1 | 24.8 | 25.5 | 25.8                | 12.8 | 14.9 | 17.1 | 19.2   | 22.7 | 26.2 | 29.7 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 6                | 0  | 142         | 15.3 | 15.5 | 15.9 | 16.3 | 16.8 | 17.2 | 17.7 | 18.5 | 19.4 | 20.8 | 22.2 | 22.9 | 23.6 | 24.3 | 25.0                | 25.7 | 26.0 | 12.9 | 15.0 | 17.2 | 19.4   | 22.9 | 26.4 | 29.9 |
| 6                | 1  | 118         | 15.5 | 15.7 | 16.1 | 16.5 | 17.0 | 17.4 | 17.9 | 18.7 | 19.6 | 21.0 | 22.5 | 23.2 | 23.9 | 24.7 | 25.4                | 26.1 | 26.4 | 13.1 | 15.2 | 17.4 | 19.6   | 23.2 | 26.8 | 30.4 |
| 6                | 2  | 123         | 15.6 | 15.8 | 16.2 | 16.6 | 17.1 | 17.5 | 18.0 | 18.8 | 19.7 | 21.2 | 22.7 | 23.4 | 24.2 | 24.9 | 25.7                | 26.4 | 26.7 | 13.2 | 15.3 | 17.5 | 19.7   | 23.4 | 27.1 | 30.9 |
| 6                | 3  | 114         | 15.7 | 15.9 | 16.3 | 16.8 | 17.2 | 17.7 | 18.1 | 19.0 | 19.9 | 21.4 | 23.0 | 23.7 | 24.5 | 25.3 | 26.0                | 26.8 | 27.1 | 13.2 | 15.4 | 17.7 | 19.9   | 23.7 | 27.6 | 31.4 |
| 6                | 4  | 111         | 15.8 | 16.0 | 16.4 | 16.9 | 17.4 | 17.8 | 18.3 | 19.2 | 20.1 | 21.7 | 23.2 | 24.0 | 24.8 | 25.6 | 26.4                | 27.2 | 27.5 | 13.2 | 15.5 | 17.8 | 20.1   | 24.0 | 28.0 | 31.9 |
| 6                | 5  | 136         | 16.0 | 16.2 | 16.6 | 17.1 | 17.6 | 18.0 | 18.5 | 19.4 | 20.3 | 21.9 | 23.6 | 24.4 | 25.2 | 26.0 | 26.9                | 27.7 | 28.0 | 13.4 | 15.7 | 18.0 | 20.3   | 24.4 | 28.5 | 32.6 |
| 6                | 6  | 136         | 16.1 | 16.3 | 16.7 | 17.2 | 17.7 | 18.1 | 18.6 | 19.5 | 20.4 | 22.1 | 23.8 | 24.7 | 25.5 | 26.4 | 27.2                | 28.1 | 28.4 | 13.5 | 15.8 | 18.1 | 20.4   | 24.7 | 28.9 | 33.2 |
| 6                | 7  | 133         | 16.2 | 16.4 | 16.9 | 17.3 | 17.8 | 18.3 | 18.7 | 19.7 | 20.6 | 22.3 | 24.0 | 24.9 | 25.8 | 26.6 | 27.5                | 28.4 | 28.7 | 13.6 | 15.9 | 18.3 | 20.6   | 24.9 | 29.2 | 33.5 |
| 6                | 8  | 92          | 16.3 | 16.5 | 17.0 | 17.4 | 17.9 | 18.4 | 18.9 | 19.8 | 20.8 | 22.6 | 24.3 | 25.2 | 26.1 | 27.0 | 27.9                | 28.7 | 29.1 | 13.6 | 16.0 | 18.4 | 20.8   | 25.2 | 29.6 | 34.0 |
| 6                | 9  | 120         | 16.5 | 16.7 | 17.2 | 17.6 | 18.1 | 18.6 | 19.0 | 20.0 | 20.9 | 22.7 | 24.6 | 25.5 | 26.4 | 27.3 | 28.2                | 29.1 | 29.5 | 13.9 | 16.2 | 18.6 | 20.9   | 25.5 | 30.0 | 34.6 |
| 6                | 10 | 127         | 16.6 | 16.8 | 17.3 | 17.7 | 18.2 | 18.7 | 19.2 | 20.1 | 21.1 | 23.0 | 24.8 | 25.8 | 26.7 | 27.7 | 28.6                | 29.5 | 29.9 | 13.9 | 16.3 | 18.7 | 21.1   | 25.8 | 30.5 | 35.1 |
| 6                | 11 | 114         | 16.7 | 16.9 | 17.4 | 17.9 | 18.4 | 18.9 | 19.3 | 20.3 | 21.3 | 23.2 | 25.1 | 26.0 | 27.0 | 27.9 | 28.9                | 29.8 | 30.2 | 14.0 | 16.4 | 18.9 | 21.3   | 26.0 | 30.8 | 35.5 |
| 7                | 0  | 158         | 16.8 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.4 | 20.4 | 21.4 | 23.4 | 25.3 | 26.3 | 27.3 | 28.3 | 29.2                | 30.2 | 30.6 | 14.1 | 16.5 | 19.0 | 21.4   | 26.3 | 31.2 | 36.1 |
| 7                | 1  | 121         | 17.0 | 17.2 | 17.7 | 18.2 | 18.7 | 19.2 | 19.6 | 20.6 | 21.6 | 23.6 | 25.6 | 26.6 | 27.6 | 28.6 | 29.6                | 30.6 | 31.0 | 14.3 | 16.7 | 19.2 | 21.6   | 26.6 | 31.6 | 36.6 |
| 7                | 2  | 124         | 17.1 | 17.3 | 17.8 | 18.3 | 18.8 | 19.3 | 19.8 | 20.8 | 21.8 | 23.8 | 25.8 | 26.9 | 27.9 | 28.9 | 29.9                | 30.9 | 31.3 | 14.3 | 16.8 | 19.3 | 21.8   | 26.9 | 31.9 | 37.0 |
| 7                | 3  | 130         | 17.2 | 17.4 | 17.9 | 18.4 | 18.9 | 19.4 | 19.9 | 20.9 | 21.9 | 24.0 | 26.1 | 27.1 | 28.2 | 29.2 | 30.2                | 31.3 | 31.7 | 14.4 | 16.9 | 19.4 | 21.9   | 27.1 | 32.3 | 37.5 |
| 7                | 4  | 125         | 17.3 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.1 | 21.1 | 22.1 | 24.2 | 26.4 | 27.4 | 28.5 | 29.5 | 30.6                | 31.7 | 32.1 | 14.4 | 17.0 | 19.5 | 22.1   | 27.4 | 32.7 | 38.1 |
| 7                | 5  | 120         | 17.4 | 17.6 | 18.1 | 18.7 | 19.2 | 19.7 | 20.2 | 21.3 | 22.3 | 24.4 | 26.6 | 27.7 | 28.7 | 29.8 | 30.9                | 32.0 | 32.4 | 14.5 | 17.1 | 19.7 | 22.3   | 27.7 | 33.0 | 38.4 |
| 7                | 6  | 142         | 17.6 | 17.8 | 18.3 | 18.8 | 19.3 | 19.8 | 20.4 | 21.4 | 22.4 | 24.6 | 26.8 | 27.9 | 29.0 | 30.1 | 31.3                | 32.4 | 32.8 | 14.7 | 17.3 | 19.8 | 22.4   | 27.9 | 33.5 | 39.0 |
| 7                | 7  | 119         | 17.7 | 17.9 | 18.4 | 19.0 | 19.5 | 20.0 | 20.5 | 21.6 | 22.6 | 24.9 | 27.1 | 28.2 | 29.4 | 30.5 | 31.6                | 32.7 | 33.2 | 14.8 | 17.4 | 20.0 | 22.6   | 28.2 | 33.9 | 39.5 |
| 7                | 8  | 128         | 17.8 | 18.0 | 18.5 | 19.1 | 19.6 | 20.1 | 20.7 | 21.7 | 22.8 | 25.1 | 27.4 | 28.5 | 29.6 | 30.8 | 31.9                | 33.0 | 33.5 | 14.8 | 17.5 | 20.1 | 22.8   | 28.5 | 34.2 | 39.9 |
| 7                | 9  | 123         | 17.9 | 18.1 | 18.7 | 19.2 | 19.7 | 20.3 | 20.8 | 21.9 | 23.0 | 25.3 | 27.6 | 28.8 | 30.0 | 31.1 | 32.3                | 33.4 | 33.9 | 14.9 | 17.6 | 20.3 | 23.0   | 28.8 | 34.6 | 40.4 |
| 7                | 10 | 138         | 18.0 | 18.2 | 18.8 | 19.3 | 19.9 | 20.4 | 21.0 | 22.1 | 23.2 | 25.5 | 27.9 | 29.1 | 30.2 | 31.4 | 32.5                | 33.7 | 34.2 | 14.9 | 17.7 | 20.4 | 23.2   | 29.0 | 34.9 | 40.7 |
| 7                | 11 | 99          | 18.1 | 18.3 | 18.9 | 19.5 | 20.0 | 20.6 | 21.1 | 22.3 | 23.4 | 25.8 | 28.1 | 29.3 | 30.5 | 31.7 | 32.8                | 34.0 | 34.5 | 14.9 | 17.8 | 20.6 | 23.4   | 29.3 | 35.2 | 41.1 |

TABLE 7. WEIGHT BY AGE : GIRLS

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 8                | 0  | 114         | 18.2 | 18.4 | 19.0 | 19.6 | 20.2 | 20.7 | 21.3 | 22.5 | 23.6 | 25.0 | 28.4 | 29.6 | 30.7 | 31.9 | 33.1 | 34.3 | 34.8                | 15.0 | 17.9 | 20.7 | 23.6   | 29.6 | 35.5 | 41.5 |
| 8                | 1  | 112         | 18.3 | 18.5 | 19.1 | 19.7 | 20.3 | 20.9 | 21.5 | 22.6 | 23.8 | 25.2 | 28.7 | 29.9 | 31.1 | 32.3 | 33.5 | 34.7 | 35.2                | 15.0 | 18.0 | 20.9 | 23.8   | 29.9 | 35.9 | 42.0 |
| 8                | 2  | 98          | 18.5 | 18.7 | 19.3 | 19.9 | 20.5 | 21.1 | 21.7 | 22.8 | 24.0 | 26.5 | 28.9 | 30.2 | 31.4 | 32.6 | 33.9 | 35.1 | 35.6                | 15.2 | 18.2 | 21.1 | 24.0   | 30.2 | 36.3 | 42.5 |
| 8                | 3  | 102         | 18.6 | 18.8 | 19.4 | 20.0 | 20.6 | 21.2 | 21.8 | 23.0 | 24.2 | 26.7 | 29.2 | 30.5 | 31.7 | 33.0 | 34.2 | 35.5 | 36.0                | 15.3 | 18.2 | 21.2 | 24.2   | 30.5 | 36.7 | 43.0 |
| 8                | 4  | 102         | 18.7 | 18.9 | 19.5 | 20.2 | 20.8 | 21.4 | 22.0 | 23.3 | 24.5 | 27.1 | 29.6 | 30.9 | 32.2 | 33.4 | 34.7 | 36.0 | 36.5                | 15.2 | 18.3 | 21.4 | 24.5   | 30.9 | 37.3 | 43.6 |
| 8                | 5  | 109         | 18.8 | 19.1 | 19.7 | 20.3 | 20.9 | 21.6 | 22.2 | 23.4 | 24.7 | 27.3 | 29.9 | 31.2 | 32.6 | 33.9 | 35.2 | 36.5 | 37.0                | 15.3 | 18.4 | 21.6 | 24.7   | 31.2 | 37.8 | 44.3 |
| 8                | 6  | 107         | 19.0 | 19.3 | 19.9 | 20.5 | 21.1 | 21.8 | 22.4 | 23.6 | 24.9 | 27.6 | 30.3 | 31.6 | 32.9 | 34.3 | 35.6 | 37.0 | 37.5                | 15.5 | 18.6 | 21.8 | 24.9   | 31.6 | 38.3 | 45.0 |
| 8                | 7  | 114         | 19.1 | 19.4 | 20.0 | 20.7 | 21.3 | 22.0 | 22.6 | 23.9 | 25.2 | 27.9 | 30.6 | 32.0 | 33.4 | 34.7 | 36.1 | 37.5 | 38.0                | 15.5 | 18.7 | 22.0 | 25.2   | 32.0 | 38.8 | 45.6 |
| 8                | 8  | 111         | 19.3 | 19.6 | 20.2 | 20.9 | 21.5 | 22.2 | 22.8 | 24.1 | 25.4 | 28.2 | 30.9 | 32.3 | 33.7 | 35.1 | 36.5 | 37.8 | 38.4                | 15.6 | 18.9 | 22.2 | 25.4   | 32.3 | 39.2 | 46.1 |
| 8                | 9  | 107         | 19.4 | 19.7 | 20.3 | 21.0 | 21.7 | 22.3 | 23.0 | 24.4 | 25.7 | 28.5 | 31.3 | 32.7 | 34.1 | 35.5 | 36.9 | 38.3 | 38.9                | 15.6 | 19.0 | 22.4 | 25.7   | 32.7 | 39.7 | 46.8 |
| 8                | 10 | 108         | 19.5 | 19.8 | 20.5 | 21.2 | 21.9 | 22.5 | 23.2 | 24.6 | 26.0 | 28.9 | 31.7 | 33.1 | 34.6 | 36.0 | 37.4 | 38.8 | 39.4                | 15.7 | 19.1 | 22.5 | 26.0   | 33.1 | 40.2 | 47.4 |
| 8                | 11 | 102         | 19.7 | 20.0 | 20.7 | 21.4 | 22.1 | 22.7 | 23.4 | 24.8 | 26.2 | 29.1 | 31.9 | 33.4 | 34.8 | 36.3 | 37.7 | 39.1 | 39.7                | 15.8 | 19.3 | 22.7 | 26.2   | 33.4 | 40.6 | 47.7 |
| 9                | 0  | 111         | 19.8 | 20.1 | 20.8 | 21.5 | 22.2 | 22.9 | 23.6 | 25.1 | 26.5 | 29.4 | 32.3 | 33.8 | 35.2 | 36.7 | 38.2 | 39.6 | 40.2                | 15.8 | 19.4 | 22.9 | 26.5   | 33.8 | 41.1 | 48.4 |
| 9                | 1  | 112         | 20.0 | 20.3 | 21.0 | 21.7 | 22.4 | 23.1 | 23.8 | 25.3 | 26.7 | 29.7 | 32.6 | 34.1 | 35.6 | 37.1 | 38.5 | 40.0 | 40.6                | 16.0 | 19.6 | 23.1 | 26.7   | 34.1 | 41.5 | 48.9 |
| 9                | 2  | 114         | 20.1 | 20.4 | 21.1 | 21.9 | 22.6 | 23.3 | 24.1 | 25.5 | 27.0 | 30.0 | 33.0 | 34.5 | 36.0 | 37.5 | 39.0 | 40.5 | 41.1                | 16.0 | 19.7 | 23.3 | 27.0   | 34.5 | 42.0 | 49.5 |
| 9                | 3  | 124         | 20.2 | 20.5 | 21.3 | 22.0 | 22.8 | 23.5 | 24.3 | 25.8 | 27.3 | 30.3 | 33.3 | 34.9 | 36.4 | 37.9 | 39.4 | 40.9 | 41.5                | 16.0 | 19.7 | 23.5 | 27.3   | 34.9 | 42.4 | 50.0 |
| 9                | 4  | 109         | 20.4 | 20.7 | 21.5 | 22.2 | 23.0 | 23.7 | 24.5 | 26.0 | 27.5 | 30.6 | 33.6 | 35.2 | 36.7 | 38.2 | 39.8 | 41.3 | 41.9                | 16.2 | 19.9 | 23.7 | 27.5   | 35.2 | 42.8 | 50.5 |
| 9                | 5  | 113         | 20.5 | 20.8 | 21.6 | 22.4 | 23.1 | 23.9 | 24.7 | 26.2 | 27.8 | 30.9 | 34.0 | 35.6 | 37.1 | 38.7 | 40.2 | 41.8 | 42.4                | 16.2 | 20.0 | 23.9 | 27.8   | 35.6 | 43.3 | 51.1 |
| 9                | 6  | 106         | 20.7 | 21.0 | 21.8 | 22.6 | 23.4 | 24.2 | 25.0 | 26.5 | 28.1 | 31.2 | 34.4 | 35.9 | 37.5 | 39.0 | 40.6 | 42.2 | 42.8                | 16.3 | 20.2 | 24.2 | 28.1   | 35.9 | 43.7 | 51.5 |
| 9                | 7  | 114         | 20.8 | 21.1 | 21.9 | 22.7 | 23.5 | 24.4 | 25.2 | 26.8 | 28.4 | 31.5 | 34.7 | 36.3 | 37.8 | 39.4 | 41.0 | 42.6 | 43.2                | 16.3 | 20.3 | 24.4 | 28.4   | 36.3 | 44.1 | 52.0 |
| 9                | 8  | 113         | 21.0 | 21.3 | 22.1 | 23.0 | 23.8 | 24.6 | 25.4 | 27.1 | 28.7 | 31.9 | 35.0 | 36.6 | 38.2 | 39.8 | 41.4 | 43.0 | 43.6                | 16.4 | 20.5 | 24.6 | 28.7   | 36.6 | 44.5 | 52.5 |
| 9                | 9  | 113         | 21.2 | 21.5 | 22.4 | 23.2 | 24.0 | 24.9 | 25.7 | 27.3 | 29.0 | 32.2 | 35.4 | 37.0 | 38.6 | 40.2 | 41.8 | 43.4 | 44.0                | 16.5 | 20.7 | 24.9 | 29.0   | 37.0 | 45.0 | 52.9 |
| 9                | 10 | 143         | 21.4 | 21.7 | 22.6 | 23.4 | 24.3 | 25.1 | 25.9 | 27.6 | 29.3 | 32.5 | 35.7 | 37.3 | 38.9 | 40.5 | 42.2 | 43.8 | 44.4                | 16.6 | 20.9 | 25.1 | 29.3   | 37.3 | 45.4 | 53.4 |
| 9                | 11 | 119         | 21.6 | 21.9 | 22.8 | 23.6 | 24.5 | 25.3 | 26.2 | 27.9 | 29.6 | 32.8 | 36.1 | 37.7 | 39.3 | 40.9 | 42.5 | 44.2 | 44.8                | 16.8 | 21.1 | 25.3 | 29.6   | 37.7 | 45.8 | 53.8 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

TABLE 7. WEIGHT BY AGE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 10               | 0  | 115         | 21.8 | 22.1 | 23.0 | 23.9 | 24.7 | 25.5 | 26.5 | 28.2 | 29.9 | 33.2 | 36.4 | 38.0 | 39.7 | 41.3 | 42.9 | 44.5 | 45.2                | 16.9 | 21.3 | 25.6 | 29.9   | 38.0 | 46.2 | 54.3 |
| 10               | 1  | 123         | 22.0 | 22.3 | 23.2 | 24.1 | 25.0 | 25.8 | 26.7 | 28.5 | 30.2 | 33.5 | 36.8 | 38.4 | 40.0 | 41.7 | 43.3 | 44.9 | 45.6                | 17.0 | 21.5 | 25.8 | 30.2   | 38.4 | 46.6 | 54.8 |
| 10               | 2  | 146         | 22.2 | 22.6 | 23.5 | 24.3 | 25.2 | 26.1 | 27.0 | 28.8 | 30.6 | 33.9 | 37.2 | 38.8 | 40.4 | 42.1 | 43.7 | 45.3 | 46.0                | 17.1 | 21.7 | 26.1 | 30.6   | 38.8 | 47.0 | 55.2 |
| 10               | 3  | 129         | 22.4 | 22.8 | 23.7 | 24.6 | 25.5 | 26.4 | 27.3 | 29.2 | 31.0 | 34.3 | 37.6 | 39.2 | 40.8 | 42.5 | 44.1 | 45.7 | 46.4                | 17.2 | 21.9 | 26.4 | 31.0   | 39.2 | 47.4 | 55.6 |
| 10               | 4  | 127         | 22.6 | 23.0 | 23.9 | 24.8 | 25.7 | 26.7 | 27.6 | 29.4 | 31.3 | 34.6 | 37.9 | 39.5 | 41.1 | 42.8 | 44.4 | 46.0 | 46.7                | 17.3 | 22.0 | 26.7 | 31.3   | 39.5 | 47.7 | 55.9 |
| 10               | 5  | 136         | 22.8 | 23.2 | 24.1 | 25.1 | 26.0 | 27.0 | 27.9 | 29.8 | 31.7 | 35.0 | 38.3 | 39.9 | 41.5 | 43.2 | 44.8 | 46.4 | 47.1                | 17.4 | 22.2 | 27.0 | 31.7   | 39.9 | 48.1 | 56.3 |
| 10               | 6  | 126         | 23.0 | 23.4 | 24.4 | 25.3 | 26.3 | 27.3 | 28.2 | 30.2 | 32.1 | 35.4 | 38.7 | 40.3 | 41.9 | 43.6 | 45.2 | 46.8 | 47.5                | 17.4 | 22.4 | 27.3 | 32.1   | 40.3 | 48.5 | 56.7 |
| 10               | 7  | 149         | 23.1 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.4 | 30.4 | 32.4 | 35.7 | 39.0 | 40.6 | 42.2 | 43.9 | 45.5 | 47.1 | 47.8                | 17.5 | 22.5 | 27.5 | 32.4   | 40.6 | 48.8 | 57.0 |
| 10               | 8  | 145         | 23.3 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.8 | 30.8 | 32.8 | 36.1 | 39.4 | 41.0 | 42.6 | 44.3 | 45.9 | 47.5 | 48.2                | 17.5 | 22.7 | 27.7 | 32.8   | 41.0 | 49.2 | 57.4 |
| 10               | 9  | 127         | 23.5 | 23.9 | 24.9 | 26.0 | 27.0 | 28.0 | 29.1 | 31.1 | 33.2 | 36.5 | 39.8 | 41.4 | 43.0 | 44.7 | 46.3 | 47.9 | 48.6                | 17.6 | 22.9 | 28.0 | 33.2   | 41.4 | 49.6 | 57.8 |
| 10               | 10 | 144         | 23.7 | 24.1 | 25.2 | 26.2 | 27.2 | 28.3 | 29.3 | 31.4 | 33.5 | 36.8 | 40.1 | 41.7 | 43.3 | 45.0 | 46.6 | 48.2 | 48.9                | 17.7 | 23.1 | 28.3 | 33.5   | 41.7 | 49.9 | 58.1 |
| 10               | 11 | 153         | 23.8 | 24.2 | 25.3 | 26.4 | 27.5 | 28.5 | 29.6 | 31.8 | 33.9 | 37.2 | 40.4 | 42.0 | 43.7 | 45.3 | 46.9 | 48.5 | 49.2                | 17.8 | 23.2 | 28.5 | 33.9   | 42.0 | 50.2 | 58.3 |
| 11               | 0  | 136         | 24.0 | 24.4 | 25.5 | 26.6 | 27.7 | 28.8 | 29.9 | 32.0 | 34.2 | 37.5 | 40.8 | 42.4 | 44.0 | 45.7 | 47.3 | 48.9 | 49.6                | 17.9 | 23.4 | 28.8 | 34.2   | 42.4 | 50.6 | 58.8 |
| 11               | 1  | 134         | 24.2 | 24.6 | 25.7 | 26.9 | 28.0 | 29.1 | 30.2 | 32.4 | 34.6 | 37.9 | 41.1 | 42.7 | 44.4 | 46.0 | 47.6 | 49.2 | 49.9                | 18.0 | 23.5 | 29.1 | 34.6   | 42.7 | 50.9 | 59.0 |
| 11               | 2  | 129         | 24.4 | 24.8 | 26.0 | 27.1 | 28.2 | 29.3 | 30.4 | 32.7 | 34.9 | 38.2 | 41.4 | 43.0 | 44.7 | 46.3 | 47.9 | 49.5 | 50.2                | 18.2 | 23.7 | 29.3 | 34.9   | 43.0 | 51.2 | 59.3 |
| 11               | 3  | 128         | 24.7 | 25.2 | 26.3 | 27.4 | 28.5 | 29.7 | 30.8 | 33.0 | 35.3 | 38.5 | 41.8 | 43.4 | 45.0 | 46.6 | 48.2 | 49.9 | 50.5                | 18.4 | 24.0 | 29.7 | 35.3   | 43.4 | 51.5 | 59.5 |
| 11               | 4  | 121         | 24.9 | 25.4 | 26.5 | 27.6 | 28.8 | 29.9 | 31.0 | 33.3 | 35.6 | 38.9 | 42.1 | 43.7 | 45.4 | 47.0 | 48.6 | 50.2 | 50.9                | 18.5 | 24.2 | 29.9 | 35.6   | 43.7 | 51.9 | 60.0 |
| 11               | 5  | 129         | 25.1 | 25.6 | 26.7 | 27.9 | 29.0 | 30.2 | 31.4 | 33.7 | 36.0 | 39.2 | 42.5 | 44.1 | 45.7 | 47.3 | 48.9 | 50.6 | 51.2                | 18.6 | 24.4 | 30.2 | 36.0   | 44.1 | 52.2 | 60.2 |
| 11               | 6  | 126         | 25.4 | 25.9 | 27.0 | 28.2 | 29.3 | 30.5 | 31.7 | 34.0 | 36.3 | 39.5 | 42.8 | 44.4 | 46.0 | 47.6 | 49.2 | 50.9 | 51.5                | 18.9 | 24.7 | 30.5 | 36.3   | 44.4 | 52.5 | 60.5 |
| 11               | 7  | 127         | 25.7 | 26.2 | 27.3 | 28.5 | 29.7 | 30.8 | 32.0 | 34.4 | 36.7 | 39.9 | 43.1 | 44.7 | 46.3 | 47.9 | 49.6 | 51.2 | 51.8                | 19.2 | 25.0 | 30.9 | 36.7   | 44.7 | 52.8 | 60.8 |
| 11               | 8  | 108         | 25.9 | 26.4 | 27.6 | 28.7 | 29.9 | 31.1 | 32.3 | 34.6 | 37.0 | 40.2 | 43.4 | 45.0 | 46.6 | 48.2 | 49.8 | 51.4 | 52.0                | 19.3 | 25.2 | 31.1 | 37.0   | 45.0 | 53.0 | 60.9 |
| 11               | 9  | 122         | 26.2 | 26.7 | 27.9 | 29.1 | 30.3 | 31.4 | 32.6 | 35.0 | 37.4 | 40.6 | 43.7 | 45.3 | 46.9 | 48.5 | 50.1 | 51.7 | 52.3                | 19.5 | 25.5 | 31.4 | 37.4   | 45.3 | 53.2 | 61.2 |
| 11               | 10 | 116         | 26.5 | 27.0 | 28.2 | 29.4 | 30.6 | 31.8 | 33.0 | 35.4 | 37.8 | 40.9 | 44.1 | 45.7 | 47.2 | 48.8 | 50.4 | 52.0 | 52.6                | 19.8 | 25.8 | 31.8 | 37.8   | 45.7 | 53.5 | 61.4 |
| 11               | 11 | 134         | 26.8 | 27.3 | 28.5 | 29.7 | 30.9 | 32.1 | 33.3 | 35.8 | 38.2 | 41.3 | 44.5 | 46.0 | 47.6 | 49.1 | 50.7 | 52.3 | 52.9                | 20.0 | 26.1 | 32.1 | 38.2   | 46.0 | 53.8 | 61.6 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|------|
|                  |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 12               | 0  | 122         | 27.1 | 27.6 | 28.8 | 30.0 | 31.3 | 32.5 | 33.7 | 36.2 | 38.6 | 41.7 | 44.8 | 46.3 | 47.9 | 49.4 | 50.9 | 52.5 | 53.1                | 20.3 | 26.4 | 32.5   | 38.6 | 46.3 | 54.0 | 61.7 |
| 12               | 1  | 117         | 27.4 | 27.9 | 29.1 | 30.3 | 31.6 | 32.8 | 34.0 | 36.5 | 38.9 | 42.0 | 45.1 | 46.6 | 48.2 | 49.7 | 51.2 | 52.8 | 53.4                | 20.6 | 26.7 | 32.8   | 38.9 | 46.6 | 54.3 | 62.0 |
| 12               | 2  | 124         | 27.7 | 28.2 | 29.4 | 30.7 | 31.9 | 33.1 | 34.4 | 36.8 | 39.3 | 42.4 | 45.4 | 47.0 | 48.5 | 50.0 | 51.6 | 53.1 | 53.7                | 20.8 | 27.0 | 33.1   | 39.3 | 47.0 | 54.6 | 62.3 |
| 12               | 3  | 132         | 28.0 | 28.5 | 29.7 | 31.0 | 32.2 | 33.5 | 34.7 | 37.2 | 39.7 | 42.7 | 45.7 | 47.3 | 48.8 | 50.3 | 51.8 | 53.3 | 53.9                | 21.0 | 27.3 | 33.5   | 39.7 | 47.3 | 54.8 | 62.4 |
| 12               | 4  | 118         | 28.3 | 28.8 | 30.0 | 31.3 | 32.5 | 33.8 | 35.0 | 37.5 | 40.0 | 43.0 | 46.0 | 47.5 | 49.0 | 50.5 | 52.0 | 53.5 | 54.1                | 21.3 | 27.6 | 33.8   | 40.0 | 47.5 | 55.0 | 62.5 |
| 12               | 5  | 121         | 28.6 | 29.1 | 30.4 | 31.6 | 32.9 | 34.1 | 35.4 | 37.9 | 40.4 | 43.4 | 46.4 | 47.8 | 49.3 | 50.8 | 52.3 | 53.8 | 54.4                | 21.6 | 27.9 | 34.1   | 40.4 | 47.8 | 55.3 | 62.7 |
| 12               | 6  | 119         | 28.9 | 29.4 | 30.7 | 31.9 | 33.2 | 34.4 | 35.7 | 38.2 | 40.7 | 43.7 | 46.6 | 48.1 | 49.6 | 51.1 | 52.5 | 54.0 | 54.6                | 21.9 | 28.2 | 34.4   | 40.7 | 48.1 | 55.5 | 62.9 |
| 12               | 7  | 127         | 29.2 | 29.7 | 31.0 | 32.2 | 33.5 | 34.7 | 36.0 | 38.5 | 41.0 | 43.9 | 46.9 | 48.3 | 49.8 | 51.3 | 52.7 | 54.2 | 54.8                | 22.2 | 28.5 | 34.7   | 41.0 | 48.3 | 55.7 | 63.0 |
| 12               | 8  | 134         | 29.5 | 30.0 | 31.3 | 32.5 | 33.8 | 35.0 | 36.3 | 38.8 | 41.3 | 44.2 | 47.1 | 48.6 | 50.0 | 51.5 | 53.0 | 54.4 | 55.0                | 22.5 | 28.8 | 35.0   | 41.3 | 48.6 | 55.9 | 63.2 |
| 12               | 9  | 132         | 29.8 | 30.3 | 31.6 | 32.8 | 34.1 | 35.3 | 36.6 | 39.1 | 41.6 | 44.5 | 47.4 | 48.9 | 50.3 | 51.8 | 53.3 | 54.7 | 55.3                | 22.8 | 29.1 | 35.3   | 41.6 | 48.9 | 56.2 | 63.5 |
| 12               | 10 | 154         | 30.0 | 30.5 | 31.8 | 33.0 | 34.3 | 35.5 | 36.8 | 39.3 | 41.8 | 44.7 | 47.6 | 49.1 | 50.5 | 52.0 | 53.5 | 54.9 | 55.5                | 23.0 | 29.3 | 35.5   | 41.8 | 49.1 | 56.4 | 63.7 |
| 12               | 11 | 113         | 30.3 | 30.8 | 32.1 | 33.3 | 34.6 | 35.8 | 37.1 | 39.6 | 42.1 | 45.0 | 47.9 | 49.3 | 50.8 | 52.2 | 53.7 | 55.1 | 55.7                | 23.3 | 29.6 | 35.8   | 42.1 | 49.3 | 56.6 | 63.8 |
| 13               | 0  | 114         | 30.6 | 31.1 | 32.3 | 33.6 | 34.8 | 36.1 | 37.3 | 39.8 | 42.3 | 45.2 | 48.1 | 49.5 | 51.0 | 52.4 | 53.9 | 55.3 | 55.9                | 23.6 | 29.9 | 36.1   | 42.3 | 49.5 | 56.8 | 64.0 |
| 13               | 1  | 120         | 30.9 | 31.4 | 32.6 | 33.9 | 35.1 | 36.3 | 37.6 | 40.0 | 42.5 | 45.4 | 48.2 | 49.7 | 51.1 | 52.6 | 54.0 | 55.4 | 56.0                | 24.0 | 30.2 | 36.3   | 42.5 | 49.7 | 56.9 | 64.0 |
| 13               | 2  | 138         | 31.1 | 31.6 | 32.8 | 34.1 | 35.3 | 36.6 | 37.8 | 40.3 | 42.8 | 45.7 | 48.5 | 49.9 | 51.4 | 52.8 | 54.2 | 55.6 | 56.2                | 24.1 | 30.4 | 36.6   | 42.8 | 49.9 | 57.0 | 64.2 |
| 13               | 3  | 114         | 31.4 | 31.9 | 33.1 | 34.4 | 35.6 | 36.8 | 38.1 | 40.5 | 43.0 | 45.9 | 48.7 | 50.1 | 51.6 | 53.0 | 54.4 | 55.8 | 56.4                | 24.5 | 30.7 | 36.8   | 43.0 | 50.1 | 57.2 | 64.4 |
| 13               | 4  | 139         | 31.7 | 32.2 | 33.4 | 34.6 | 35.9 | 37.1 | 38.3 | 40.8 | 43.2 | 46.1 | 48.9 | 50.3 | 51.8 | 53.2 | 54.6 | 56.0 | 56.6                | 24.9 | 31.0 | 37.1   | 43.2 | 50.3 | 57.4 | 64.6 |
| 13               | 5  | 151         | 32.0 | 32.5 | 33.7 | 34.9 | 36.1 | 37.3 | 38.5 | 41.0 | 43.4 | 46.2 | 49.1 | 50.5 | 51.9 | 53.3 | 54.7 | 56.1 | 56.7                | 25.2 | 31.3 | 37.3   | 43.4 | 50.5 | 57.5 | 64.6 |
| 13               | 6  | 123         | 32.2 | 32.7 | 33.9 | 35.1 | 36.3 | 37.5 | 38.7 | 41.2 | 43.6 | 46.4 | 49.3 | 50.7 | 52.1 | 53.5 | 54.9 | 56.3 | 56.9                | 25.4 | 31.5 | 37.5   | 43.6 | 50.7 | 57.7 | 64.8 |
| 13               | 7  | 115         | 32.5 | 33.0 | 34.2 | 35.4 | 36.6 | 37.8 | 39.0 | 41.4 | 43.8 | 46.6 | 49.5 | 50.9 | 52.3 | 53.7 | 55.1 | 56.5 | 57.1                | 25.8 | 31.8 | 37.8   | 43.8 | 50.9 | 57.9 | 65.0 |
| 13               | 8  | 132         | 32.8 | 33.3 | 34.5 | 35.7 | 36.9 | 38.1 | 39.3 | 41.7 | 44.1 | 46.9 | 49.7 | 51.1 | 52.5 | 53.9 | 55.2 | 56.6 | 57.2                | 26.1 | 32.1 | 38.1   | 44.1 | 51.1 | 58.0 | 65.0 |
| 13               | 9  | 139         | 33.2 | 33.7 | 34.9 | 36.0 | 37.2 | 38.4 | 39.6 | 41.9 | 44.3 | 47.1 | 49.8 | 51.2 | 52.6 | 54.0 | 55.4 | 56.7 | 57.3                | 26.6 | 32.5 | 38.4   | 44.3 | 51.2 | 58.1 | 65.0 |
| 13               | 10 | 146         | 33.5 | 34.0 | 35.1 | 36.3 | 37.5 | 38.6 | 39.8 | 42.2 | 44.5 | 47.3 | 50.0 | 51.4 | 52.8 | 54.2 | 55.6 | 56.9 | 57.5                | 27.0 | 32.8 | 38.7   | 44.5 | 51.4 | 58.3 | 65.2 |
| 13               | 11 | 136         | 33.8 | 34.3 | 35.4 | 36.6 | 37.7 | 38.9 | 40.1 | 42.4 | 44.7 | 47.4 | 50.2 | 51.6 | 52.9 | 54.3 | 55.7 | 57.1 | 57.6                | 27.3 | 33.1 | 38.9   | 44.7 | 51.6 | 58.4 | 65.3 |

TABLE 7. WEIGHT BY AGE : GIRLS

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

TABLE 7. WEIGHT BY AGE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 14               | 0  | 146         | 34.1 | 34.6 | 35.7 | 36.9 | 38.0 | 39.2 | 40.3 | 42.6 | 44.9 | 47.6 | 50.4 | 51.8 | 53.1 | 54.5 | 55.9 | 57.3 | 57.8                | 27.7 | 33.4 | 39.2 | 44.9   | 51.8 | 58.6 | 65.5 |
| 14               | 1  | 142         | 34.3 | 34.8 | 35.9 | 37.1 | 38.2 | 39.4 | 40.5 | 42.8 | 45.1 | 47.8 | 50.5 | 51.9 | 53.3 | 54.6 | 56.0 | 57.4 | 57.9                | 27.9 | 33.6 | 39.4 | 45.1   | 51.9 | 58.7 | 65.5 |
| 14               | 2  | 160         | 34.6 | 35.1 | 36.2 | 37.3 | 38.5 | 39.6 | 40.7 | 43.0 | 45.3 | 48.0 | 50.7 | 52.1 | 53.4 | 54.8 | 56.1 | 57.5 | 58.0                | 28.2 | 33.9 | 39.6 | 45.3   | 52.1 | 58.8 | 65.6 |
| 14               | 3  | 178         | 34.8 | 35.3 | 36.4 | 37.5 | 38.7 | 39.8 | 40.9 | 43.2 | 45.5 | 48.2 | 50.9 | 52.2 | 53.5 | 54.9 | 56.2 | 57.6 | 58.1                | 28.4 | 34.1 | 39.8 | 45.5   | 52.2 | 58.9 | 65.6 |
| 14               | 4  | 153         | 35.1 | 35.5 | 36.7 | 37.8 | 38.9 | 40.0 | 41.1 | 43.4 | 45.6 | 48.3 | 51.0 | 52.3 | 53.6 | 55.0 | 56.3 | 57.7 | 58.2                | 28.9 | 34.4 | 40.0 | 45.6   | 52.3 | 59.0 | 65.7 |
| 14               | 5  | 146         | 35.3 | 35.7 | 36.9 | 38.0 | 39.1 | 40.2 | 41.3 | 43.6 | 45.8 | 48.5 | 51.1 | 52.4 | 53.8 | 55.1 | 56.4 | 57.8 | 58.3                | 29.1 | 34.6 | 40.2 | 45.8   | 52.4 | 59.1 | 65.7 |
| 14               | 6  | 162         | 35.5 | 35.9 | 37.1 | 38.2 | 39.3 | 40.4 | 41.5 | 43.8 | 46.0 | 48.6 | 51.3 | 52.6 | 53.9 | 55.2 | 56.6 | 57.9 | 58.4                | 29.3 | 34.8 | 40.4 | 46.0   | 52.6 | 59.2 | 65.8 |
| 14               | 7  | 154         | 35.7 | 36.1 | 37.2 | 38.4 | 39.5 | 40.6 | 41.7 | 43.9 | 46.1 | 48.7 | 51.4 | 52.7 | 54.0 | 55.3 | 56.7 | 58.0 | 58.5                | 29.5 | 35.0 | 40.6 | 46.1   | 52.7 | 59.3 | 65.9 |
| 14               | 8  | 144         | 35.9 | 36.3 | 37.4 | 38.5 | 39.6 | 40.7 | 41.8 | 44.0 | 46.2 | 48.6 | 51.5 | 52.8 | 54.1 | 55.4 | 56.8 | 58.1 | 58.6                | 29.8 | 35.2 | 40.7 | 46.2   | 52.8 | 59.4 | 66.0 |
| 14               | 9  | 147         | 36.0 | 36.4 | 37.5 | 38.7 | 39.8 | 40.9 | 42.0 | 44.2 | 46.4 | 49.0 | 51.6 | 52.9 | 54.3 | 55.6 | 56.9 | 58.2 | 58.7                | 29.8 | 35.3 | 40.9 | 46.4   | 52.9 | 59.5 | 66.0 |
| 14               | 10 | 151         | 36.2 | 36.6 | 37.7 | 38.8 | 39.9 | 41.0 | 42.1 | 44.3 | 46.5 | 49.1 | 51.7 | 53.0 | 54.4 | 55.7 | 57.0 | 58.3 | 58.8                | 30.1 | 35.5 | 41.0 | 46.5   | 53.0 | 59.6 | 66.1 |
| 14               | 11 | 135         | 36.4 | 36.8 | 37.9 | 39.0 | 40.1 | 41.2 | 42.3 | 44.4 | 46.6 | 49.2 | 51.8 | 53.1 | 54.5 | 55.8 | 57.1 | 58.4 | 58.9                | 30.3 | 35.8 | 41.2 | 46.6   | 53.1 | 59.7 | 66.2 |
| 15               | 0  | 138         | 36.5 | 36.9 | 38.0 | 39.1 | 40.2 | 41.3 | 42.4 | 44.6 | 46.8 | 49.4 | 51.9 | 53.2 | 54.5 | 55.8 | 57.1 | 58.4 | 58.9                | 30.4 | 35.8 | 41.3 | 46.8   | 53.2 | 59.7 | 66.2 |
| 15               | 1  | 121         | 36.7 | 37.1 | 38.2 | 39.3 | 40.4 | 41.5 | 42.6 | 44.7 | 46.9 | 49.5 | 52.0 | 53.3 | 54.6 | 55.9 | 57.2 | 58.5 | 59.0                | 30.6 | 36.1 | 41.5 | 46.9   | 53.3 | 59.8 | 66.2 |
| 15               | 2  | 131         | 36.9 | 37.3 | 38.4 | 39.5 | 40.6 | 41.6 | 42.7 | 44.9 | 47.0 | 49.6 | 52.1 | 53.4 | 54.7 | 56.0 | 57.3 | 58.6 | 59.1                | 30.9 | 36.3 | 41.6 | 47.0   | 53.4 | 59.9 | 66.3 |
| 15               | 3  | 122         | 37.0 | 37.4 | 38.5 | 39.6 | 40.7 | 41.7 | 42.8 | 45.0 | 47.1 | 49.7 | 52.2 | 53.5 | 54.8 | 56.1 | 57.4 | 58.7 | 59.2                | 31.0 | 36.4 | 41.7 | 47.1   | 53.5 | 60.0 | 66.4 |
| 15               | 4  | 121         | 37.1 | 37.5 | 38.6 | 39.7 | 40.8 | 41.8 | 42.9 | 45.1 | 47.2 | 49.8 | 52.3 | 53.6 | 54.9 | 56.1 | 57.4 | 58.7 | 59.2                | 31.1 | 36.5 | 41.8 | 47.2   | 53.6 | 60.0 | 66.4 |
| 15               | 5  | 113         | 37.3 | 37.7 | 38.8 | 39.9 | 40.9 | 42.0 | 43.0 | 45.2 | 47.3 | 49.9 | 52.4 | 53.7 | 55.0 | 56.2 | 57.5 | 58.8 | 59.3                | 31.3 | 36.7 | 42.0 | 47.3   | 53.7 | 60.1 | 66.4 |
| 15               | 6  | 129         | 37.4 | 37.8 | 38.9 | 40.0 | 41.0 | 42.1 | 43.1 | 45.3 | 47.4 | 49.9 | 52.5 | 53.7 | 55.0 | 56.3 | 57.5 | 58.8 | 59.3                | 31.4 | 36.8 | 42.1 | 47.4   | 53.7 | 60.1 | 66.4 |
| 15               | 7  | 133         | 37.6 | 38.0 | 39.1 | 40.1 | 41.2 | 42.2 | 43.3 | 45.4 | 47.5 | 50.0 | 52.6 | 53.8 | 55.1 | 56.4 | 57.6 | 58.9 | 59.4                | 31.7 | 37.0 | 42.2 | 47.5   | 53.8 | 60.2 | 66.5 |
| 15               | 8  | 127         | 37.7 | 38.1 | 39.2 | 40.2 | 41.3 | 42.3 | 43.4 | 45.5 | 47.6 | 50.1 | 52.6 | 53.9 | 55.1 | 56.4 | 57.6 | 58.9 | 59.4                | 31.8 | 37.1 | 42.3 | 47.6   | 53.9 | 60.2 | 66.5 |
| 15               | 9  | 112         | 37.8 | 38.2 | 39.3 | 40.3 | 41.3 | 42.4 | 43.4 | 45.5 | 47.6 | 50.1 | 52.7 | 53.9 | 55.2 | 56.5 | 57.7 | 59.0 | 59.5                | 32.0 | 37.2 | 42.4 | 47.6   | 53.9 | 60.3 | 66.6 |
| 15               | 10 | 119         | 37.9 | 38.3 | 39.4 | 40.4 | 41.4 | 42.5 | 43.5 | 45.6 | 47.7 | 50.2 | 52.7 | 54.0 | 55.2 | 56.5 | 57.7 | 59.0 | 59.5                | 32.1 | 37.3 | 42.5 | 47.7   | 54.0 | 60.3 | 66.6 |
| 15               | 11 | 120         | 38.0 | 38.4 | 39.5 | 40.5 | 41.5 | 42.6 | 43.6 | 45.7 | 47.8 | 50.3 | 52.8 | 54.1 | 55.3 | 56.6 | 57.8 | 59.1 | 59.6                | 32.2 | 37.4 | 42.6 | 47.8   | 54.1 | 60.3 | 66.6 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

TABLE 7. WEIGHT BY AGE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |        |      |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|--------|------|------|------|------|
|                  |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97  | -3SD                | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 16               | 0  | 135         | 38.1 | 38.5 | 39.6 | 40.6 | 41.6 | 42.7 | 43.7 | 45.8 | 47.9 | 50.4 | 52.9 | 54.1 | 55.4 | 56.6 | 57.9 | 59.1 | 59.6                | 32.3 | 37.5 | 42.7   | 47.9 | 54.1 | 60.3 | 66.6 |
| 16               | 1  | 101         | 38.2 | 38.6 | 39.6 | 40.7 | 41.7 | 42.7 | 43.8 | 45.8 | 47.9 | 50.4 | 52.9 | 54.1 | 55.4 | 56.8 | 57.9 | 59.1 | 59.6                | 32.4 | 37.6 | 42.7   | 47.9 | 54.1 | 60.3 | 66.6 |
| 16               | 2  | 128         | 38.3 | 38.7 | 39.7 | 40.8 | 41.8 | 42.8 | 43.9 | 45.9 | 48.0 | 50.5 | 53.0 | 54.2 | 55.5 | 56.7 | 58.0 | 59.2 | 59.7                | 32.5 | 37.7 | 42.8   | 48.0 | 54.2 | 60.4 | 66.6 |
| 16               | 3  | 116         | 38.4 | 38.8 | 39.8 | 40.9 | 41.9 | 42.9 | 43.9 | 46.0 | 48.0 | 50.5 | 53.0 | 54.2 | 55.5 | 56.7 | 58.0 | 59.2 | 59.7                | 32.7 | 37.8 | 42.9   | 48.0 | 54.2 | 60.4 | 66.6 |
| 16               | 4  | 130         | 38.5 | 38.9 | 39.9 | 41.0 | 42.0 | 43.0 | 44.0 | 46.1 | 48.1 | 50.6 | 53.0 | 54.3 | 55.5 | 56.7 | 58.0 | 59.2 | 59.7                | 32.8 | 37.9 | 43.0   | 48.1 | 54.3 | 60.4 | 66.6 |
| 16               | 5  | 125         | 38.6 | 39.0 | 40.0 | 41.0 | 42.0 | 43.0 | 44.1 | 46.1 | 48.1 | 50.6 | 53.1 | 54.3 | 55.6 | 56.8 | 58.1 | 59.3 | 59.8                | 32.9 | 38.0 | 43.0   | 48.1 | 54.3 | 60.5 | 66.7 |
| 16               | 6  | 121         | 38.6 | 39.0 | 40.0 | 41.1 | 42.1 | 43.1 | 44.1 | 46.2 | 48.2 | 50.7 | 53.1 | 54.4 | 55.6 | 56.8 | 58.1 | 59.3 | 59.8                | 32.9 | 38.0 | 43.1   | 48.2 | 54.4 | 60.5 | 66.7 |
| 16               | 7  | 143         | 38.7 | 39.1 | 40.1 | 41.1 | 42.1 | 43.1 | 44.2 | 46.2 | 48.2 | 50.7 | 53.1 | 54.4 | 55.6 | 56.8 | 58.1 | 59.3 | 59.8                | 33.0 | 38.1 | 43.1   | 48.2 | 54.4 | 60.5 | 66.7 |
| 16               | 8  | 140         | 38.7 | 39.1 | 40.1 | 41.1 | 42.1 | 43.1 | 44.2 | 46.2 | 48.2 | 50.7 | 53.2 | 54.4 | 55.7 | 56.9 | 58.2 | 59.4 | 59.9                | 33.0 | 38.1 | 43.1   | 48.2 | 54.4 | 60.6 | 66.7 |
| 16               | 9  | 114         | 38.8 | 39.2 | 40.2 | 41.2 | 42.2 | 43.2 | 44.3 | 46.3 | 48.3 | 50.8 | 53.2 | 54.5 | 55.7 | 56.9 | 58.2 | 59.4 | 59.9                | 33.1 | 38.2 | 43.2   | 48.3 | 54.5 | 60.6 | 66.7 |
| 16               | 10 | 115         | 38.8 | 39.2 | 40.2 | 41.2 | 42.2 | 43.2 | 44.3 | 46.3 | 48.3 | 50.8 | 53.2 | 54.5 | 55.7 | 56.9 | 58.2 | 59.4 | 59.9                | 33.1 | 38.2 | 43.2   | 48.3 | 54.5 | 60.6 | 66.7 |
| 16               | 11 | 136         | 38.9 | 39.3 | 40.3 | 41.3 | 42.3 | 43.3 | 44.3 | 46.3 | 48.3 | 50.8 | 53.2 | 54.5 | 55.7 | 56.9 | 58.2 | 59.4 | 59.9                | 33.2 | 38.3 | 43.3   | 48.3 | 54.5 | 60.6 | 66.7 |
| 17               | 0  | 131         | 38.9 | 39.3 | 40.3 | 41.3 | 42.3 | 43.3 | 44.4 | 46.4 | 48.4 | 50.8 | 53.3 | 54.5 | 55.7 | 57.0 | 58.2 | 59.4 | 59.9                | 33.2 | 38.3 | 43.3   | 48.4 | 54.5 | 60.6 | 66.7 |
| 17               | 1  | 115         | 39.0 | 39.4 | 40.4 | 41.4 | 42.4 | 43.4 | 44.4 | 46.4 | 48.4 | 50.8 | 53.3 | 54.5 | 55.7 | 57.0 | 58.2 | 59.4 | 59.9                | 33.4 | 38.4 | 43.4   | 48.4 | 54.5 | 60.6 | 66.7 |
| 17               | 2  | 111         | 39.0 | 39.4 | 40.4 | 41.4 | 42.4 | 43.4 | 44.4 | 46.4 | 48.4 | 50.8 | 53.3 | 54.5 | 55.7 | 57.0 | 58.2 | 59.4 | 59.9                | 33.4 | 38.4 | 43.4   | 48.4 | 54.5 | 60.6 | 66.7 |
| 17               | 3  | 124         | 39.0 | 39.4 | 40.4 | 41.4 | 42.4 | 43.4 | 44.5 | 46.5 | 48.5 | 50.9 | 53.4 | 54.6 | 55.8 | 57.0 | 58.2 | 59.4 | 59.9                | 33.4 | 38.4 | 43.4   | 48.5 | 54.6 | 60.6 | 66.7 |
| 17               | 4  | 122         | 39.1 | 39.5 | 40.5 | 41.5 | 42.5 | 43.5 | 44.5 | 46.5 | 48.5 | 50.9 | 53.4 | 54.6 | 55.8 | 57.1 | 58.3 | 59.5 | 60.0                | 33.5 | 38.5 | 43.5   | 48.5 | 54.6 | 60.7 | 66.8 |
| 17               | 5  | 122         | 39.1 | 39.5 | 40.5 | 41.5 | 42.5 | 43.5 | 44.5 | 46.5 | 48.5 | 50.9 | 53.4 | 54.6 | 55.8 | 57.1 | 58.3 | 59.5 | 60.0                | 33.5 | 38.5 | 43.5   | 48.5 | 54.6 | 60.7 | 66.8 |
| 17               | 6  | 126         | 39.2 | 39.6 | 40.6 | 41.6 | 42.6 | 43.6 | 44.5 | 46.5 | 48.5 | 50.9 | 53.4 | 54.6 | 55.8 | 57.1 | 58.3 | 59.5 | 60.0                | 33.6 | 38.6 | 43.6   | 48.5 | 54.6 | 60.7 | 66.8 |
| 17               | 7  | 149         | 39.2 | 39.6 | 40.6 | 41.6 | 42.6 | 43.6 | 44.6 | 46.6 | 48.6 | 51.0 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 33.7 | 38.6 | 43.6   | 48.6 | 54.7 | 60.7 | 66.8 |
| 17               | 8  | 111         | 39.3 | 39.7 | 40.7 | 41.7 | 42.7 | 43.7 | 44.6 | 46.6 | 48.6 | 51.0 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 33.8 | 38.7 | 43.7   | 48.6 | 54.7 | 60.7 | 66.8 |
| 17               | 9  | 122         | 39.3 | 39.7 | 40.7 | 41.7 | 42.7 | 43.7 | 44.6 | 46.6 | 48.6 | 51.0 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 33.8 | 38.7 | 43.7   | 48.6 | 54.7 | 60.7 | 66.8 |
| 17               | 10 | 111         | 39.3 | 39.7 | 40.7 | 41.7 | 42.7 | 43.7 | 44.6 | 46.6 | 48.6 | 51.0 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 33.8 | 38.7 | 43.7   | 48.6 | 54.7 | 60.7 | 66.8 |
| 17               | 11 | 114         | 39.4 | 39.8 | 40.8 | 41.8 | 42.8 | 43.8 | 44.7 | 46.7 | 48.7 | 51.1 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 33.9 | 38.8 | 43.8   | 48.7 | 54.7 | 60.7 | 66.8 |

ตารางที่ 7 น้ำหนักตามเกณฑ์อายุ 0-19 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 18               | 0  | 132         | 39.4 | 39.8 | 40.8 | 41.8 | 42.8 | 43.8 | 44.7 | 46.7 | 48.7 | 51.1 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 33.9 | 38.8 | 43.8 | 48.7   | 54.7 | 60.7 | 66.8 |
| 18               | 1  | 98          | 39.5 | 39.9 | 40.9 | 41.8 | 42.8 | 43.8 | 44.8 | 46.7 | 48.7 | 51.1 | 53.5 | 54.7 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 34.0 | 38.9 | 43.8 | 48.7   | 54.7 | 60.7 | 66.8 |
| 18               | 2  | 125         | 39.5 | 39.9 | 40.9 | 41.9 | 42.9 | 43.9 | 44.8 | 46.8 | 48.8 | 51.2 | 53.6 | 54.8 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 34.0 | 38.9 | 43.9 | 48.8   | 54.8 | 60.7 | 66.8 |
| 18               | 3  | 109         | 39.6 | 40.0 | 41.0 | 41.9 | 42.9 | 43.9 | 44.9 | 46.8 | 48.8 | 51.2 | 53.6 | 54.8 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 34.1 | 39.0 | 43.9 | 48.8   | 54.8 | 60.7 | 66.8 |
| 18               | 4  | 98          | 39.6 | 40.0 | 41.0 | 41.9 | 42.9 | 43.9 | 44.9 | 46.8 | 48.8 | 51.2 | 53.6 | 54.8 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 34.1 | 39.0 | 43.9 | 48.8   | 54.8 | 60.7 | 66.8 |
| 18               | 5  | 74          | 39.6 | 40.0 | 41.0 | 41.9 | 42.9 | 43.9 | 44.9 | 46.8 | 48.8 | 51.2 | 53.6 | 54.8 | 55.9 | 57.1 | 58.3 | 59.5 | 60.0                | 34.1 | 39.0 | 43.9 | 48.8   | 54.8 | 60.7 | 66.8 |
| 18               | 6  | 92          | 39.7 | 40.1 | 41.1 | 42.0 | 43.0 | 44.0 | 45.0 | 46.9 | 48.9 | 51.3 | 53.6 | 54.8 | 56.0 | 57.2 | 58.3 | 59.5 | 60.0                | 34.2 | 39.1 | 44.0 | 48.9   | 54.8 | 60.7 | 66.8 |
| 18               | 7  | 103         | 39.7 | 40.1 | 41.1 | 42.0 | 43.0 | 44.0 | 45.0 | 46.9 | 48.9 | 51.3 | 53.6 | 54.8 | 56.0 | 57.2 | 58.3 | 59.5 | 60.0                | 34.2 | 39.1 | 44.0 | 48.9   | 54.8 | 60.7 | 66.8 |
| 18               | 8  | 81          | 39.7 | 40.1 | 41.1 | 42.0 | 43.0 | 44.0 | 45.0 | 46.9 | 48.9 | 51.3 | 53.6 | 54.8 | 56.0 | 57.2 | 58.3 | 59.5 | 60.0                | 34.2 | 39.1 | 44.0 | 48.9   | 54.8 | 60.7 | 66.8 |
| 18               | 9  | 89          | 39.7 | 40.1 | 41.1 | 42.0 | 43.0 | 44.0 | 45.0 | 46.9 | 48.9 | 51.3 | 53.6 | 54.8 | 56.0 | 57.2 | 58.3 | 59.5 | 60.0                | 34.2 | 39.1 | 44.0 | 48.9   | 54.8 | 60.7 | 66.8 |
| 18               | 10 | 106         | 39.8 | 40.2 | 41.2 | 42.1 | 43.1 | 44.1 | 45.1 | 47.0 | 49.0 | 51.3 | 53.7 | 54.9 | 56.0 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.1 | 49.0   | 54.8 | 60.7 | 66.8 |
| 18               | 11 | 102         | 39.8 | 40.2 | 41.2 | 42.1 | 43.1 | 44.1 | 45.1 | 47.0 | 49.0 | 51.3 | 53.7 | 54.9 | 56.0 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.1 | 49.0   | 54.8 | 60.7 | 66.8 |
| 19               | 0  | 87          | 39.8 | 40.2 | 41.2 | 42.1 | 43.1 | 44.1 | 45.1 | 47.0 | 49.0 | 51.3 | 53.7 | 54.9 | 56.0 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.1 | 49.0   | 54.8 | 60.7 | 66.8 |
| 19               | 1  | 94          | 39.8 | 40.2 | 41.2 | 42.1 | 43.1 | 44.1 | 45.1 | 47.0 | 49.0 | 51.3 | 53.7 | 54.9 | 56.0 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.1 | 49.0   | 54.8 | 60.7 | 66.8 |
| 19               | 2  | 73          | 39.8 | 40.2 | 41.2 | 42.1 | 43.1 | 44.1 | 45.1 | 47.0 | 49.0 | 51.3 | 53.7 | 54.9 | 56.0 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.1 | 49.0   | 54.8 | 60.7 | 66.8 |
| 19               | 3  | 84          | 39.8 | 40.2 | 41.2 | 42.1 | 43.1 | 44.1 | 45.1 | 47.0 | 49.0 | 51.3 | 53.7 | 54.9 | 56.0 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.1 | 49.0   | 54.8 | 60.7 | 66.8 |
| 19               | 4  | 71          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 5  | 66          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 6  | 59          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 7  | 62          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 8  | 57          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 9  | 48          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 10 | 59          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |
| 19               | 11 | 82          | 39.8 | 40.2 | 41.2 | 42.2 | 43.2 | 44.2 | 45.1 | 47.1 | 49.1 | 51.4 | 53.7 | 54.9 | 56.1 | 57.2 | 58.4 | 59.5 | 60.0                | 34.3 | 39.2 | 44.2 | 49.1   | 54.9 | 60.7 | 66.8 |

TABLE 7. WEIGHT BY AGE : GIRLS

ตารางที่ 8 น้ำหนักตามเกณฑ์ความยาว 0-23 เดือน เพศชาย

| ส่วนสูง<br>ซม. | PERCENTILES |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      | STANDARD DEVIATIONS |                 |        |      |      |      |      |      |      |
|----------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|---------------------|-----------------|--------|------|------|------|------|------|------|
|                | N           | P3  | P5  | P10 | P15 | P20 | P25 | P30 | P40 | P50 | P60 | P70 | P75  | P80  | P85  | P90  | P95                 | P97-3SD-2SD-1SD | MEDIAN | +1SD | +2SD | +3SD |      |      |      |
| 49             | 20          | 2.5 | 2.5 | 2.6 | 2.7 | 2.7 | 2.8 | 2.9 | 3.0 | 3.2 | 3.2 | 3.3 | 3.4  | 3.4  | 3.5  | 3.5  | 3.6                 | 3.6             | 2.1    | 2.5  | 2.8  | 3.2  | 3.4  | 3.6  | 3.8  |
| 50             | 31          | 2.7 | 2.7 | 2.8 | 2.9 | 3.0 | 3.0 | 3.1 | 3.2 | 3.4 | 3.5 | 3.6 | 3.6  | 3.7  | 3.7  | 3.8  | 3.8                 | 3.9             | 2.3    | 2.7  | 3.0  | 3.4  | 3.6  | 3.9  | 4.1  |
| 51             | 18          | 2.9 | 3.0 | 3.0 | 3.1 | 3.2 | 3.2 | 3.3 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9  | 4.0  | 4.0  | 4.1  | 4.1                 | 4.1             | 2.5    | 2.9  | 3.2  | 3.6  | 3.9  | 4.2  | 4.4  |
| 52             | 16          | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.5 | 3.5 | 3.7 | 3.9 | 4.0 | 4.1 | 4.2  | 4.2  | 4.3  | 4.3  | 4.4                 | 4.4             | 2.7    | 3.1  | 3.5  | 3.9  | 4.2  | 4.5  | 4.8  |
| 53             | 13          | 3.4 | 3.4 | 3.5 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.1 | 4.2 | 4.4 | 4.4  | 4.5  | 4.5  | 4.6  | 4.7                 | 4.7             | 2.9    | 3.3  | 3.7  | 4.1  | 4.4  | 4.7  | 5.1  |
| 54             | 10          | 3.6 | 3.6 | 3.7 | 3.8 | 3.8 | 3.9 | 4.0 | 4.2 | 4.3 | 4.5 | 4.6 | 4.7  | 4.8  | 4.8  | 4.9  | 5.0                 | 5.0             | 3.1    | 3.5  | 3.9  | 4.3  | 4.7  | 5.0  | 5.4  |
| 55             | 6           | 3.8 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.2 | 4.4 | 4.6 | 4.7 | 4.9 | 4.9  | 5.0  | 5.1  | 5.2  | 5.2                 | 5.3             | 3.3    | 3.7  | 4.2  | 4.6  | 4.9  | 5.3  | 5.7  |
| 56             | 11          | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.7 | 4.8 | 5.0 | 5.1 | 5.2  | 5.3  | 5.4  | 5.5  | 5.5                 | 5.6             | 3.5    | 4.0  | 4.4  | 4.8  | 5.2  | 5.6  | 6.0  |
| 57             | 13          | 4.2 | 4.3 | 4.4 | 4.4 | 4.5 | 4.6 | 4.7 | 4.9 | 5.1 | 5.2 | 5.4 | 5.5  | 5.6  | 5.7  | 5.7  | 5.8                 | 5.9             | 3.7    | 4.2  | 4.6  | 5.1  | 5.5  | 5.9  | 6.3  |
| 58             | 18          | 4.5 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.3 | 5.5 | 5.7 | 5.8  | 5.8  | 5.9  | 6.0  | 6.1                 | 6.1             | 3.9    | 4.4  | 4.9  | 5.3  | 5.8  | 6.2  | 6.6  |
| 59             | 19          | 4.7 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.4 | 5.6 | 5.8 | 5.9 | 6.0  | 6.1  | 6.2  | 6.3  | 6.4                 | 6.4             | 4.1    | 4.6  | 5.1  | 5.6  | 6.0  | 6.5  | 6.9  |
| 60             | 14          | 4.9 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.3  | 6.4  | 6.5  | 6.6  | 6.7                 | 6.7             | 4.3    | 4.8  | 5.3  | 5.8  | 6.3  | 6.8  | 7.3  |
| 61             | 8           | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.9 | 6.1 | 6.3 | 6.5 | 6.6  | 6.7  | 6.8  | 6.9  | 7.0                 | 7.0             | 4.5    | 5.1  | 5.6  | 6.1  | 6.6  | 7.1  | 7.6  |
| 62             | 18          | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.1 | 6.3 | 6.6 | 6.8 | 6.9  | 7.0  | 7.1  | 7.2  | 7.3                 | 7.3             | 4.7    | 5.3  | 5.8  | 6.3  | 6.9  | 7.4  | 7.9  |
| 63             | 16          | 5.6 | 5.6 | 5.7 | 5.8 | 5.9 | 6.1 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.1  | 7.2  | 7.3  | 7.4  | 7.6                 | 7.6             | 4.9    | 5.5  | 6.1  | 6.6  | 7.1  | 7.7  | 8.2  |
| 64             | 21          | 5.8 | 5.8 | 5.9 | 6.1 | 6.2 | 6.3 | 6.4 | 6.6 | 6.9 | 7.1 | 7.3 | 7.4  | 7.5  | 7.6  | 7.7  | 7.8                 | 7.9             | 5.1    | 5.7  | 6.3  | 6.9  | 7.4  | 7.9  | 8.5  |
| 65             | 19          | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.9 | 7.1 | 7.3 | 7.6 | 7.7  | 7.8  | 7.9  | 8.0  | 8.1                 | 8.2             | 5.3    | 5.9  | 6.5  | 7.1  | 7.7  | 8.2  | 8.8  |
| 66             | 25          | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 | 7.1 | 7.4 | 7.6 | 7.8 | 7.9  | 8.1  | 8.2  | 8.3  | 8.4                 | 8.4             | 5.5    | 6.2  | 6.8  | 7.4  | 7.9  | 8.5  | 9.1  |
| 67             | 21          | 6.4 | 6.5 | 6.6 | 6.7 | 6.9 | 7.0 | 7.1 | 7.4 | 7.6 | 7.9 | 8.1 | 8.2  | 8.3  | 8.4  | 8.6  | 8.7                 | 8.7             | 5.7    | 6.4  | 7.0  | 7.6  | 8.2  | 8.8  | 9.4  |
| 68             | 22          | 6.7 | 6.7 | 6.8 | 7.0 | 7.1 | 7.2 | 7.4 | 7.6 | 7.9 | 8.1 | 8.4 | 8.5  | 8.6  | 8.7  | 8.8  | 9.0                 | 9.0             | 5.9    | 6.6  | 7.2  | 7.9  | 8.5  | 9.1  | 9.7  |
| 69             | 20          | 6.9 | 6.9 | 7.1 | 7.2 | 7.3 | 7.5 | 7.6 | 7.9 | 8.1 | 8.4 | 8.6 | 8.7  | 8.9  | 9.0  | 9.1  | 9.2                 | 9.3             | 6.1    | 6.8  | 7.5  | 8.1  | 8.7  | 9.4  | 10.0 |
| 70             | 20          | 7.1 | 7.2 | 7.3 | 7.4 | 7.6 | 7.7 | 7.8 | 8.1 | 8.4 | 8.6 | 8.9 | 9.0  | 9.1  | 9.2  | 9.4  | 9.5                 | 9.5             | 6.3    | 7.0  | 7.7  | 8.4  | 9.0  | 9.6  | 10.3 |
| 71             | 12          | 7.3 | 7.4 | 7.5 | 7.6 | 7.8 | 7.9 | 8.1 | 8.3 | 8.6 | 8.9 | 9.1 | 9.3  | 9.4  | 9.5  | 9.6  | 9.8                 | 9.8             | 6.5    | 7.2  | 7.9  | 8.6  | 9.3  | 9.9  | 10.5 |
| 72             | 20          | 7.5 | 7.6 | 7.7 | 7.9 | 8.0 | 8.1 | 8.3 | 8.6 | 8.9 | 9.1 | 9.4 | 9.5  | 9.6  | 9.8  | 9.9  | 10.0                | 10.1            | 6.7    | 7.4  | 8.1  | 8.9  | 9.5  | 10.2 | 10.8 |
| 73             | 20          | 7.7 | 7.8 | 7.9 | 8.1 | 8.2 | 8.4 | 8.5 | 8.8 | 9.1 | 9.4 | 9.6 | 9.8  | 9.9  | 10.0 | 10.2 | 10.3                | 10.4            | 7.0    | 7.7  | 8.4  | 9.1  | 9.8  | 10.4 | 11.1 |
| 74             | 16          | 8.0 | 8.0 | 8.2 | 8.3 | 8.5 | 8.6 | 8.7 | 9.0 | 9.3 | 9.6 | 9.9 | 10.0 | 10.2 | 10.3 | 10.4 | 10.6                | 10.6            | 7.2    | 7.9  | 8.6  | 9.3  | 10.0 | 10.7 | 11.4 |

ตารางที่ 8 นำหนักตามเกณฑ์ความยาว 0-23 เดือน เพศชาย

| ส่วนสูง<br>ซม. | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|----------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|                | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 75             | 29          | 8.2  | 8.2  | 8.4  | 8.5  | 8.7  | 8.8  | 9.0  | 9.3  | 9.5  | 9.8  | 10.1 | 10.3 | 10.4 | 10.5 | 10.7 | 10.8                | 10.9 | 7.4  | 8.1  | 8.8  | 9.5    | 10.3 | 11.0 | 11.7 |
| 76             | 18          | 8.4  | 8.5  | 8.6  | 8.7  | 8.9  | 9.0  | 9.2  | 9.5  | 9.8  | 10.1 | 10.4 | 10.5 | 10.7 | 10.8 | 11.0 | 11.1                | 11.2 | 7.6  | 8.3  | 9.0  | 9.8    | 10.5 | 11.2 | 12.0 |
| 77             | 18          | 8.6  | 8.7  | 8.8  | 9.0  | 9.1  | 9.3  | 9.4  | 9.7  | 10.0 | 10.3 | 10.6 | 10.8 | 10.9 | 11.1 | 11.2 | 11.4                | 11.4 | 7.8  | 8.5  | 9.3  | 10.0   | 10.8 | 11.5 | 12.3 |
| 78             | 24          | 8.8  | 8.9  | 9.0  | 9.2  | 9.3  | 9.5  | 9.6  | 9.9  | 10.2 | 10.5 | 10.9 | 11.0 | 11.2 | 11.3 | 11.5 | 11.6                | 11.7 | 8.0  | 8.7  | 9.5  | 10.2   | 11.0 | 11.8 | 12.6 |
| 79             | 20          | 9.1  | 9.1  | 9.3  | 9.4  | 9.6  | 9.7  | 9.8  | 10.1 | 10.4 | 10.8 | 11.1 | 11.3 | 11.4 | 11.6 | 11.7 | 11.9                | 12.0 | 8.2  | 9.0  | 9.7  | 10.4   | 11.3 | 12.1 | 12.9 |
| 80             | 28          | 9.3  | 9.3  | 9.5  | 9.6  | 9.8  | 9.9  | 10.1 | 10.4 | 10.7 | 11.0 | 11.3 | 11.5 | 11.7 | 11.8 | 12.0 | 12.2                | 12.3 | 8.5  | 9.2  | 9.9  | 10.7   | 11.5 | 12.4 | 13.2 |
| 81             | 26          | 9.5  | 9.6  | 9.7  | 9.8  | 10.0 | 10.1 | 10.3 | 10.6 | 10.9 | 11.2 | 11.6 | 11.8 | 11.9 | 12.1 | 12.3 | 12.5                | 12.5 | 8.7  | 9.4  | 10.1 | 10.9   | 11.8 | 12.6 | 13.5 |
| 82             | 21          | 9.7  | 9.8  | 9.9  | 10.1 | 10.2 | 10.4 | 10.5 | 10.8 | 11.1 | 11.5 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7                | 12.8 | 8.9  | 9.6  | 10.4 | 11.1   | 12.0 | 12.9 | 13.8 |
| 83             | 21          | 9.9  | 10.0 | 10.1 | 10.3 | 10.4 | 10.6 | 10.7 | 11.0 | 11.3 | 11.7 | 12.1 | 12.3 | 12.4 | 12.6 | 12.8 | 13.0                | 13.1 | 9.1  | 9.9  | 10.6 | 11.3   | 12.3 | 13.2 | 14.1 |
| 84             | 17          | 10.2 | 10.2 | 10.4 | 10.5 | 10.7 | 10.8 | 10.9 | 11.2 | 11.5 | 11.9 | 12.3 | 12.5 | 12.7 | 12.9 | 13.1 | 13.3                | 13.4 | 9.4  | 10.1 | 10.8 | 11.5   | 12.5 | 13.5 | 14.5 |
| 85             | 23          | 10.4 | 10.5 | 10.6 | 10.7 | 10.9 | 11.0 | 11.2 | 11.5 | 11.7 | 12.1 | 12.6 | 12.8 | 13.0 | 13.2 | 13.4 | 13.6                | 13.7 | 9.6  | 10.3 | 11.0 | 11.7   | 12.8 | 13.8 | 14.8 |

TABLE 8. WEIGHT BY LENGTH : BOYS

TABLE 9. WEIGHT BY HEIGHT : BOYS

| ส่วนสูง<br>ซม. | N   | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|----------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 85             | 18  | 10.1        | 10.2 | 10.3 | 10.5 | 10.7 | 10.8 | 11.0 | 11.4 | 11.7 | 12.3 | 12.9 | 13.2 | 13.5 | 13.8 | 14.1 | 14.4 | 14.5                | 9.1  | 10.0 | 10.8 | 11.7   | 13.2 | 14.7 | 16.2 |
| 86             | 21  | 10.3        | 10.4 | 10.5 | 10.7 | 10.9 | 11.0 | 11.2 | 11.6 | 11.9 | 12.5 | 13.1 | 13.4 | 13.7 | 14.0 | 14.3 | 14.6 | 14.7                | 9.3  | 10.2 | 11.0 | 11.9   | 13.4 | 14.9 | 16.4 |
| 87             | 35  | 10.5        | 10.6 | 10.7 | 10.9 | 11.1 | 11.2 | 11.4 | 11.8 | 12.1 | 12.7 | 13.3 | 13.6 | 13.9 | 14.2 | 14.5 | 14.8 | 14.9                | 9.5  | 10.4 | 11.2 | 12.1   | 13.6 | 15.1 | 16.6 |
| 88             | 54  | 10.7        | 10.8 | 11.0 | 11.1 | 11.3 | 11.5 | 11.7 | 12.0 | 12.4 | 13.0 | 13.6 | 13.9 | 14.2 | 14.5 | 14.8 | 15.1 | 15.2                | 9.7  | 10.6 | 11.5 | 12.4   | 13.9 | 15.4 | 16.9 |
| 89             | 48  | 11.0        | 11.1 | 11.3 | 11.5 | 11.7 | 11.8 | 12.0 | 12.4 | 12.8 | 13.4 | 13.9 | 14.2 | 14.5 | 14.8 | 15.1 | 15.4 | 15.5                | 9.9  | 10.9 | 11.8 | 12.8   | 14.2 | 15.7 | 17.1 |
| 90             | 63  | 11.2        | 11.3 | 11.5 | 11.7 | 11.9 | 12.0 | 12.2 | 12.6 | 13.0 | 13.6 | 14.1 | 14.4 | 14.7 | 15.0 | 15.3 | 15.6 | 15.7                | 10.1 | 11.1 | 12.0 | 13.0   | 14.4 | 15.9 | 17.3 |
| 91             | 76  | 11.4        | 11.5 | 11.7 | 11.9 | 12.1 | 12.3 | 12.5 | 12.9 | 13.3 | 13.9 | 14.4 | 14.7 | 15.0 | 15.3 | 15.6 | 15.9 | 16.0                | 10.3 | 11.3 | 12.3 | 13.3   | 14.7 | 16.2 | 17.6 |
| 92             | 86  | 11.6        | 11.7 | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 13.2 | 13.6 | 14.2 | 14.7 | 15.0 | 15.3 | 15.6 | 15.9 | 16.2 | 16.3                | 10.4 | 11.5 | 12.5 | 13.6   | 15.0 | 16.5 | 17.9 |
| 93             | 88  | 11.8        | 11.9 | 12.1 | 12.3 | 12.5 | 12.7 | 12.9 | 13.4 | 13.8 | 14.4 | 15.0 | 15.3 | 15.6 | 15.9 | 16.2 | 16.5 | 16.6                | 10.6 | 11.7 | 12.7 | 13.8   | 15.3 | 16.8 | 18.3 |
| 94             | 95  | 12.1        | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 | 13.2 | 13.7 | 14.1 | 14.7 | 15.3 | 15.6 | 16.0 | 16.3 | 16.6 | 16.9 | 17.0                | 10.9 | 12.0 | 13.0 | 14.1   | 15.6 | 17.2 | 18.7 |
| 95             | 94  | 12.3        | 12.4 | 12.6 | 12.8 | 13.0 | 13.2 | 13.4 | 13.9 | 14.3 | 14.9 | 15.6 | 15.9 | 16.2 | 16.5 | 16.9 | 17.2 | 17.3                | 11.1 | 12.2 | 13.2 | 14.3   | 15.9 | 17.5 | 19.1 |
| 96             | 130 | 12.5        | 12.6 | 12.8 | 13.0 | 13.3 | 13.5 | 13.7 | 14.2 | 14.6 | 15.2 | 15.9 | 16.2 | 16.5 | 16.8 | 17.2 | 17.5 | 17.6                | 11.3 | 12.4 | 13.5 | 14.6   | 16.2 | 17.8 | 19.4 |
| 97             | 137 | 12.7        | 12.8 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.4 | 14.8 | 15.5 | 16.1 | 16.4 | 16.8 | 17.1 | 17.4 | 17.8 | 17.9                | 11.5 | 12.6 | 13.7 | 14.8   | 16.4 | 18.1 | 19.7 |
| 98             | 162 | 12.9        | 13.0 | 13.2 | 13.4 | 13.7 | 13.9 | 14.1 | 14.6 | 15.0 | 15.7 | 16.4 | 16.7 | 17.0 | 17.4 | 17.7 | 18.1 | 18.2                | 11.7 | 12.8 | 13.9 | 15.0   | 16.7 | 18.4 | 20.1 |
| 99             | 165 | 13.2        | 13.3 | 13.5 | 13.7 | 14.0 | 14.2 | 14.4 | 14.9 | 15.3 | 16.0 | 16.7 | 17.0 | 17.3 | 17.7 | 18.0 | 18.4 | 18.5                | 12.0 | 13.1 | 14.2 | 15.3   | 17.0 | 18.7 | 20.4 |
| 100            | 158 | 13.4        | 13.5 | 13.7 | 14.0 | 14.2 | 14.4 | 14.7 | 15.1 | 15.6 | 16.3 | 17.0 | 17.3 | 17.6 | 18.0 | 18.3 | 18.7 | 18.8                | 12.1 | 13.3 | 14.4 | 15.6   | 17.3 | 19.0 | 20.7 |
| 101            | 176 | 13.6        | 13.7 | 13.9 | 14.2 | 14.4 | 14.6 | 14.9 | 15.3 | 15.8 | 16.5 | 17.2 | 17.6 | 17.9 | 18.3 | 18.6 | 19.0 | 19.1                | 12.3 | 13.5 | 14.6 | 15.8   | 17.6 | 19.3 | 21.1 |
| 102            | 177 | 13.9        | 14.0 | 14.2 | 14.5 | 14.7 | 14.9 | 15.2 | 15.6 | 16.1 | 16.8 | 17.5 | 17.9 | 18.2 | 18.6 | 18.9 | 19.3 | 19.4                | 12.6 | 13.8 | 14.9 | 16.1   | 17.9 | 19.6 | 21.4 |
| 103            | 174 | 14.1        | 14.2 | 14.4 | 14.7 | 14.9 | 15.2 | 15.4 | 15.9 | 16.4 | 17.1 | 17.8 | 18.2 | 18.5 | 18.9 | 19.2 | 19.6 | 19.7                | 12.7 | 14.0 | 15.2 | 16.4   | 18.2 | 19.9 | 21.7 |
| 104            | 155 | 14.3        | 14.4 | 14.6 | 14.9 | 15.1 | 15.4 | 15.6 | 16.1 | 16.6 | 17.3 | 18.1 | 18.5 | 18.8 | 19.2 | 19.6 | 20.0 | 20.1                | 12.9 | 14.2 | 15.4 | 16.6   | 18.5 | 20.3 | 22.2 |
| 105            | 178 | 14.6        | 14.7 | 14.9 | 15.2 | 15.4 | 15.7 | 15.9 | 16.4 | 16.9 | 17.6 | 18.4 | 18.8 | 19.1 | 19.5 | 19.9 | 20.3 | 20.4                | 13.2 | 14.5 | 15.7 | 16.9   | 18.8 | 20.6 | 22.5 |
| 106            | 180 | 14.8        | 14.9 | 15.2 | 15.4 | 15.7 | 15.9 | 16.2 | 16.7 | 17.2 | 18.0 | 18.7 | 19.1 | 19.5 | 19.9 | 20.3 | 20.6 | 20.8                | 13.4 | 14.6 | 15.9 | 17.2   | 19.1 | 21.0 | 22.9 |
| 107            | 182 | 15.1        | 15.2 | 15.5 | 15.7 | 16.0 | 16.2 | 16.5 | 17.0 | 17.5 | 18.3 | 19.1 | 19.5 | 19.9 | 20.3 | 20.6 | 21.0 | 21.2                | 13.7 | 14.9 | 16.2 | 17.5   | 19.5 | 21.4 | 23.4 |
| 108            | 176 | 15.3        | 15.4 | 15.7 | 15.9 | 16.2 | 16.5 | 16.7 | 17.3 | 17.8 | 18.6 | 19.4 | 19.8 | 20.2 | 20.6 | 20.9 | 21.3 | 21.5                | 13.8 | 15.1 | 16.5 | 17.8   | 19.8 | 21.7 | 23.7 |
| 109            | 169 | 15.6        | 15.7 | 16.0 | 16.2 | 16.5 | 16.8 | 17.0 | 17.6 | 18.1 | 18.9 | 19.7 | 20.1 | 20.5 | 20.9 | 21.3 | 21.7 | 21.9                | 14.1 | 15.4 | 16.8 | 18.1   | 20.1 | 22.1 | 24.2 |

ตารางที่ 9 น้ำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศชาย

| ส่วนสูง<br>ซม. |     | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |                 |        |      |      |      |      |      |
|----------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|-----------------|--------|------|------|------|------|------|
|                |     | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97-3SD-2SD-1SD | MEDIAN | +1SD | +2SD | +3SD |      |      |
| 110            | 169 | 15.9        | 16.0 | 16.3 | 16.5 | 16.8 | 17.1 | 17.3 | 17.9 | 18.4 | 19.3 | 20.1 | 20.5 | 21.0 | 21.4 | 21.8 | 22.2 | 22.4                | 14.4            | 15.7   | 17.1 | 18.4 | 20.5 | 22.7 | 24.8 |
| 111            | 177 | 16.2        | 16.3 | 16.6 | 16.8 | 17.1 | 17.4 | 17.6 | 18.2 | 18.7 | 19.6 | 20.4 | 20.9 | 21.3 | 21.8 | 22.2 | 22.6 | 22.8                | 14.7            | 16.0   | 17.4 | 18.7 | 20.9 | 23.1 | 25.2 |
| 112            | 190 | 16.4        | 16.5 | 16.8 | 17.1 | 17.3 | 17.6 | 17.9 | 18.4 | 19.0 | 19.9 | 20.8 | 21.2 | 21.7 | 22.1 | 22.6 | 23.0 | 23.2                | 14.9            | 16.2   | 17.6 | 19.0 | 21.2 | 23.5 | 25.7 |
| 113            | 201 | 16.7        | 16.8 | 17.1 | 17.4 | 17.7 | 18.0 | 18.3 | 18.8 | 19.4 | 20.3 | 21.2 | 21.7 | 22.1 | 22.6 | 23.1 | 23.5 | 23.7                | 15.1            | 16.5   | 18.0 | 19.4 | 21.7 | 24.0 | 26.3 |
| 114            | 192 | 17.0        | 17.1 | 17.4 | 17.7 | 18.0 | 18.3 | 18.6 | 19.1 | 19.7 | 20.7 | 21.6 | 22.1 | 22.6 | 23.1 | 23.5 | 24.0 | 24.2                | 15.4            | 16.8   | 18.3 | 19.7 | 22.1 | 24.5 | 26.9 |
| 115            | 192 | 17.3        | 17.4 | 17.7 | 18.0 | 18.3 | 18.6 | 18.9 | 19.5 | 20.1 | 21.1 | 22.1 | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 24.7                | 15.6            | 17.1   | 18.6 | 20.1 | 22.5 | 25.0 | 27.4 |
| 116            | 199 | 17.6        | 17.7 | 18.0 | 18.3 | 18.6 | 18.9 | 19.2 | 19.8 | 20.4 | 21.4 | 22.4 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.2                | 15.9            | 17.4   | 18.9 | 20.4 | 23.0 | 25.5 | 28.1 |
| 117            | 216 | 17.9        | 18.0 | 18.3 | 18.6 | 18.9 | 19.3 | 19.6 | 20.2 | 20.8 | 21.9 | 22.9 | 23.5 | 24.0 | 24.5 | 25.1 | 25.6 | 25.8                | 16.2            | 17.7   | 19.3 | 20.8 | 23.5 | 26.1 | 28.8 |
| 118            | 217 | 18.3        | 18.4 | 18.7 | 19.0 | 19.3 | 19.6 | 19.9 | 20.5 | 21.1 | 22.2 | 23.3 | 23.9 | 24.4 | 25.0 | 25.5 | 26.1 | 26.3                | 16.6            | 18.1   | 19.6 | 21.1 | 23.9 | 26.6 | 29.4 |
| 119            | 244 | 18.6        | 18.7 | 19.0 | 19.3 | 19.6 | 20.0 | 20.3 | 20.9 | 21.5 | 22.6 | 23.8 | 24.4 | 24.9 | 25.5 | 26.1 | 26.7 | 26.9                | 16.9            | 18.4   | 20.0 | 21.5 | 24.4 | 27.2 | 30.1 |
| 120            | 261 | 18.9        | 19.0 | 19.3 | 19.7 | 20.0 | 20.3 | 20.6 | 21.3 | 21.9 | 23.1 | 24.3 | 24.9 | 25.5 | 26.1 | 26.7 | 27.3 | 27.5                | 17.1            | 18.7   | 20.3 | 21.9 | 24.9 | 27.9 | 30.8 |
| 121            | 228 | 19.2        | 19.3 | 19.7 | 20.0 | 20.3 | 20.7 | 21.0 | 21.6 | 22.3 | 23.5 | 24.8 | 25.4 | 26.0 | 26.6 | 27.2 | 27.9 | 28.1                | 17.4            | 19.0   | 20.7 | 22.3 | 25.4 | 28.5 | 31.6 |
| 122            | 233 | 19.6        | 19.7 | 20.1 | 20.4 | 20.7 | 21.1 | 21.4 | 22.0 | 22.7 | 24.0 | 25.3 | 25.9 | 26.5 | 27.2 | 27.8 | 28.4 | 28.7                | 17.8            | 19.4   | 21.1 | 22.7 | 25.9 | 29.1 | 32.3 |
| 123            | 276 | 19.9        | 20.0 | 20.4 | 20.7 | 21.1 | 21.4 | 21.7 | 22.4 | 23.1 | 24.4 | 25.7 | 26.4 | 27.1 | 27.7 | 28.4 | 29.0 | 29.3                | 18.0            | 19.7   | 21.4 | 23.1 | 26.4 | 29.7 | 33.0 |
| 124            | 238 | 20.3        | 20.4 | 20.8 | 21.1 | 21.5 | 21.8 | 22.1 | 22.8 | 23.5 | 24.9 | 26.3 | 27.0 | 27.6 | 28.3 | 29.0 | 29.7 | 30.0                | 18.4            | 20.1   | 21.8 | 23.5 | 27.0 | 30.4 | 33.9 |
| 125            | 232 | 20.6        | 20.7 | 21.1 | 21.5 | 21.8 | 22.2 | 22.6 | 23.3 | 24.0 | 25.4 | 26.8 | 27.5 | 28.2 | 28.9 | 29.6 | 30.3 | 30.6                | 18.6            | 20.4   | 22.2 | 24.0 | 27.5 | 31.0 | 34.5 |
| 126            | 233 | 21.0        | 21.1 | 21.5 | 21.9 | 22.3 | 22.6 | 23.0 | 23.8 | 24.5 | 25.9 | 27.4 | 28.1 | 28.8 | 29.6 | 30.3 | 31.0 | 31.3                | 18.9            | 20.8   | 22.6 | 24.5 | 28.1 | 31.7 | 35.3 |
| 127            | 254 | 21.4        | 21.6 | 21.9 | 22.3 | 22.7 | 23.1 | 23.5 | 24.2 | 25.0 | 26.5 | 28.0 | 28.8 | 29.5 | 30.3 | 31.0 | 31.8 | 32.1                | 19.3            | 21.2   | 23.1 | 25.0 | 28.8 | 32.6 | 36.3 |
| 128            | 266 | 21.7        | 21.9 | 22.3 | 22.7 | 23.1 | 23.5 | 23.9 | 24.7 | 25.5 | 27.1 | 28.6 | 29.4 | 30.2 | 30.9 | 31.7 | 32.5 | 32.8                | 19.4            | 21.5   | 23.5 | 25.5 | 29.4 | 33.3 | 37.1 |
| 129            | 270 | 22.1        | 22.3 | 22.7 | 23.1 | 23.5 | 23.9 | 24.3 | 25.2 | 26.0 | 27.6 | 29.2 | 30.0 | 30.9 | 31.7 | 32.5 | 33.3 | 33.6                | 19.8            | 21.9   | 23.9 | 26.0 | 30.0 | 34.1 | 38.1 |
| 130            | 280 | 22.5        | 22.7 | 23.1 | 23.5 | 24.0 | 24.4 | 24.9 | 25.7 | 26.6 | 28.3 | 30.0 | 30.8 | 31.6 | 32.5 | 33.3 | 34.2 | 34.5                | 20.1            | 22.2   | 24.4 | 26.6 | 30.8 | 35.0 | 39.2 |
| 131            | 253 | 22.9        | 23.1 | 23.5 | 24.0 | 24.4 | 24.9 | 25.3 | 26.2 | 27.1 | 28.9 | 30.6 | 31.5 | 32.4 | 33.3 | 34.2 | 35.0 | 35.4                | 20.4            | 22.6   | 24.9 | 27.1 | 31.5 | 35.9 | 40.3 |
| 132            | 293 | 23.4        | 23.6 | 24.0 | 24.5 | 25.0 | 25.4 | 25.9 | 26.8 | 27.7 | 29.5 | 31.4 | 32.3 | 33.2 | 34.1 | 35.0 | 35.9 | 36.3                | 20.8            | 23.1   | 25.4 | 27.7 | 32.3 | 36.8 | 41.4 |
| 133            | 279 | 23.8        | 24.0 | 24.5 | 24.9 | 25.4 | 25.9 | 26.4 | 27.3 | 28.3 | 30.2 | 32.1 | 33.0 | 34.0 | 34.9 | 35.9 | 36.8 | 37.2                | 21.1            | 23.5   | 25.9 | 28.3 | 33.0 | 37.8 | 42.5 |
| 134            | 287 | 24.2        | 24.4 | 24.9 | 25.4 | 25.9 | 26.4 | 26.9 | 27.9 | 28.9 | 30.9 | 32.8 | 33.8 | 34.8 | 35.8 | 36.7 | 37.7 | 38.1                | 21.4            | 23.9   | 26.4 | 28.9 | 33.8 | 38.7 | 43.6 |

ตารางที่ 9 น้ำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศชาย

| ส่วนสูง<br>ซม. |     | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |                 |        |      |      |      |      |      |      |
|----------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|-----------------|--------|------|------|------|------|------|------|
|                |     | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97-3SD-2SD-1SD | MEDIAN | +1SD | +2SD | +3SD |      |      |      |
| 135            | 291 | 24.7        | 24.9 | 25.4 | 25.9 | 26.4 | 26.9 | 27.4 | 28.0 | 28.5 | 29.5 | 31.5 | 33.5 | 34.6 | 35.6 | 36.6 | 37.6 | 38.6                | 39.0            | 21.8   | 24.4 | 26.9 | 29.5 | 34.6 | 39.6 | 44.7 |
| 136            | 311 | 25.1        | 25.3 | 25.8 | 26.4 | 26.9 | 27.4 | 28.0 | 29.0 | 30.1 | 32.2 | 34.3 | 35.3 | 36.4 | 37.4 | 38.4 | 39.5 | 39.9                | 22.1            | 24.8   | 27.4 | 30.1 | 35.3 | 40.5 | 45.7 |      |
| 137            | 292 | 25.6        | 25.8 | 26.4 | 26.9 | 27.4 | 28.0 | 28.5 | 29.6 | 30.7 | 32.8 | 35.0 | 36.1 | 37.1 | 38.2 | 39.3 | 40.4 | 40.8                | 22.6            | 25.3   | 28.0 | 30.7 | 36.1 | 41.4 | 46.8 |      |
| 138            | 306 | 26.0        | 26.2 | 26.8 | 27.4 | 28.0 | 28.5 | 29.1 | 30.3 | 31.4 | 33.6 | 35.8 | 36.9 | 38.0 | 39.1 | 40.2 | 41.3 | 41.7                | 22.8            | 25.7   | 28.5 | 31.4 | 36.9 | 42.4 | 47.8 |      |
| 139            | 297 | 26.5        | 26.7 | 27.3 | 27.9 | 28.5 | 29.1 | 29.7 | 30.8 | 32.0 | 34.2 | 36.5 | 37.6 | 38.7 | 39.8 | 40.9 | 42.1 | 42.5                | 23.2            | 26.2   | 29.1 | 32.0 | 37.6 | 43.2 | 48.7 |      |
| 140            | 297 | 27.0        | 27.2 | 27.8 | 28.5 | 29.1 | 29.7 | 30.3 | 31.5 | 32.7 | 35.0 | 37.3 | 38.4 | 39.5 | 40.7 | 41.8 | 42.9 | 43.4                | 23.6            | 26.6   | 29.7 | 32.7 | 38.4 | 44.1 | 49.8 |      |
| 141            | 273 | 27.5        | 27.7 | 28.4 | 29.0 | 29.6 | 30.2 | 30.8 | 32.1 | 33.3 | 35.6 | 37.9 | 39.1 | 40.3 | 41.4 | 42.6 | 43.7 | 44.2                | 24.0            | 27.1   | 30.2 | 33.3 | 39.1 | 44.9 | 50.7 |      |
| 142            | 234 | 28.0        | 28.3 | 28.9 | 29.5 | 30.2 | 30.8 | 31.4 | 32.7 | 34.0 | 36.3 | 38.7 | 39.9 | 41.0 | 42.2 | 43.4 | 44.5 | 45.0                | 24.4            | 27.6   | 30.8 | 34.0 | 39.8 | 45.7 | 51.5 |      |
| 143            | 251 | 28.5        | 28.8 | 29.4 | 30.1 | 30.7 | 31.4 | 32.0 | 33.3 | 34.6 | 37.0 | 39.4 | 40.6 | 41.7 | 42.9 | 44.1 | 45.3 | 45.8                | 24.9            | 28.1   | 31.4 | 34.6 | 40.6 | 46.5 | 52.5 |      |
| 144            | 240 | 29.0        | 29.3 | 29.9 | 30.6 | 31.2 | 31.9 | 32.6 | 33.9 | 35.2 | 37.6 | 40.1 | 41.3 | 42.5 | 43.7 | 44.9 | 46.1 | 46.6                | 25.3            | 28.6   | 31.9 | 35.2 | 41.3 | 47.3 | 53.4 |      |
| 145            | 262 | 29.6        | 29.9 | 30.5 | 31.2 | 31.9 | 32.5 | 33.2 | 34.6 | 35.9 | 38.4 | 40.8 | 42.1 | 43.3 | 44.5 | 45.8 | 47.0 | 47.5                | 25.9            | 29.2   | 32.6 | 35.9 | 42.1 | 48.2 | 54.4 |      |
| 146            | 210 | 30.1        | 30.4 | 31.1 | 31.8 | 32.5 | 33.1 | 33.8 | 35.2 | 36.6 | 39.1 | 41.6 | 42.8 | 44.1 | 45.3 | 46.6 | 47.8 | 48.3                | 26.2            | 29.7   | 33.1 | 36.6 | 42.8 | 49.0 | 55.3 |      |
| 147            | 210 | 30.7        | 31.0 | 31.7 | 32.4 | 33.1 | 33.7 | 34.4 | 35.8 | 37.2 | 39.7 | 42.3 | 43.5 | 44.8 | 46.1 | 47.3 | 48.6 | 49.1                | 26.8            | 30.3   | 33.7 | 37.2 | 43.5 | 49.9 | 56.2 |      |
| 148            | 204 | 31.3        | 31.6 | 32.3 | 33.0 | 33.7 | 34.4 | 35.1 | 36.5 | 37.9 | 40.5 | 43.0 | 44.3 | 45.6 | 46.9 | 48.2 | 49.5 | 50.0                | 27.4            | 30.9   | 34.4 | 37.9 | 44.3 | 50.8 | 57.2 |      |
| 149            | 206 | 31.9        | 32.2 | 32.9 | 33.6 | 34.4 | 35.1 | 35.8 | 37.3 | 38.7 | 41.3 | 43.8 | 45.1 | 46.4 | 47.7 | 49.0 | 50.3 | 50.8                | 27.9            | 31.5   | 35.1 | 38.7 | 45.1 | 51.6 | 58.0 |      |
| 150            | 209 | 32.5        | 32.8 | 33.5 | 34.3 | 35.0 | 35.7 | 36.5 | 37.9 | 39.4 | 42.0 | 44.6 | 45.9 | 47.2 | 48.5 | 49.8 | 51.1 | 51.6                | 28.4            | 32.1   | 35.7 | 39.4 | 45.9 | 52.4 | 58.9 |      |
| 151            | 237 | 33.2        | 33.5 | 34.2 | 35.0 | 35.7 | 36.5 | 37.2 | 38.7 | 40.2 | 42.8 | 45.4 | 46.7 | 48.0 | 49.3 | 50.6 | 51.9 | 52.4                | 29.0            | 32.8   | 36.5 | 40.2 | 46.7 | 53.2 | 59.7 |      |
| 152            | 290 | 33.8        | 34.1 | 34.9 | 35.6 | 36.4 | 37.1 | 37.9 | 39.4 | 40.9 | 43.5 | 46.1 | 47.4 | 48.8 | 50.1 | 51.4 | 52.7 | 53.2                | 29.6            | 33.3   | 37.1 | 40.9 | 47.4 | 54.0 | 60.5 |      |
| 153            | 204 | 34.5        | 34.8 | 35.6 | 36.3 | 37.1 | 37.9 | 38.6 | 40.2 | 41.7 | 44.3 | 46.9 | 48.2 | 49.6 | 50.9 | 52.2 | 53.5 | 54.0                | 30.2            | 34.0   | 37.9 | 41.7 | 48.2 | 54.8 | 61.3 |      |
| 154            | 213 | 35.1        | 35.4 | 36.2 | 37.0 | 37.8 | 38.6 | 39.4 | 40.9 | 42.5 | 45.1 | 47.7 | 49.0 | 50.4 | 51.7 | 53.0 | 54.3 | 54.8                | 30.7            | 34.6   | 38.6 | 42.5 | 49.0 | 55.6 | 62.1 |      |
| 155            | 209 | 35.8        | 36.1 | 36.9 | 37.7 | 38.5 | 39.4 | 40.2 | 41.8 | 43.4 | 46.0 | 48.6 | 49.9 | 51.2 | 52.5 | 53.8 | 55.1 | 55.6                | 31.3            | 35.3   | 39.4 | 43.4 | 49.9 | 56.4 | 62.9 |      |
| 156            | 218 | 36.5        | 36.8 | 37.7 | 38.5 | 39.3 | 40.2 | 41.0 | 42.6 | 44.3 | 46.9 | 49.4 | 50.7 | 52.0 | 53.3 | 54.6 | 55.9 | 56.4                | 31.9            | 36.0   | 40.2 | 44.3 | 50.7 | 57.2 | 63.6 |      |
| 157            | 235 | 37.2        | 37.5 | 38.4 | 39.2 | 40.1 | 40.9 | 41.8 | 43.5 | 45.2 | 47.8 | 50.3 | 51.6 | 52.9 | 54.1 | 55.4 | 56.7 | 57.2                | 32.4            | 36.7   | 40.9 | 45.2 | 51.6 | 58.0 | 64.3 |      |
| 158            | 233 | 37.9        | 38.2 | 39.1 | 40.0 | 40.9 | 41.7 | 42.6 | 44.4 | 46.1 | 48.6 | 51.2 | 52.4 | 53.7 | 55.0 | 56.2 | 57.5 | 58.0                | 33.0            | 37.4   | 41.7 | 46.1 | 52.4 | 58.8 | 65.1 |      |
| 159            | 241 | 38.6        | 39.0 | 39.9 | 40.7 | 41.6 | 42.5 | 43.4 | 45.2 | 47.0 | 49.5 | 52.1 | 53.3 | 54.6 | 55.9 | 57.1 | 58.4 | 58.9                | 33.6            | 38.1   | 42.5 | 47.0 | 53.3 | 59.7 | 66.0 |      |

ตารางที่ 9 น้ำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศชาย

| ส่วนสูง<br>ซม. |     | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |        |      |      |      |      |      |
|----------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|--------|------|------|------|------|------|
|                |     | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97-3SD-2SD-1SD     | MEDIAN | +1SD | +2SD | +3SD |      |      |
| 160            | 300 | 39.3        | 39.7 | 40.6 | 41.5 | 42.4 | 43.4 | 44.3 | 46.1 | 48.0 | 50.5 | 53.0 | 54.2 | 55.5 | 56.7 | 58.0 | 59.2 | 59.7 | 34.1                | 38.7   | 43.4 | 48.0 | 54.2 | 60.4 | 66.7 |
| 161            | 338 | 40.1        | 40.5 | 41.4 | 42.3 | 43.3 | 44.2 | 45.2 | 47.0 | 48.9 | 51.4 | 53.8 | 55.1 | 56.3 | 57.5 | 58.8 | 60.0 | 60.5 | 34.9                | 39.5   | 44.2 | 48.9 | 55.1 | 61.2 | 67.4 |
| 162            | 357 | 40.8        | 41.2 | 42.2 | 43.1 | 44.1 | 45.1 | 46.0 | 48.0 | 49.9 | 52.3 | 54.8 | 56.0 | 57.2 | 58.4 | 59.6 | 60.8 | 61.3 | 35.4                | 40.2   | 45.1 | 49.9 | 56.0 | 62.0 | 68.1 |
| 163            | 435 | 41.5        | 41.9 | 42.9 | 43.9 | 44.9 | 45.9 | 46.8 | 48.8 | 50.8 | 53.2 | 55.6 | 56.8 | 58.0 | 59.2 | 60.4 | 61.6 | 62.1 | 36.0                | 40.9   | 45.9 | 50.8 | 56.8 | 62.8 | 68.8 |
| 164            | 408 | 42.2        | 42.6 | 43.6 | 44.6 | 45.6 | 46.6 | 47.7 | 49.7 | 51.7 | 54.1 | 56.5 | 57.7 | 58.8 | 60.0 | 61.2 | 62.4 | 62.9 | 36.5                | 41.6   | 46.6 | 51.7 | 57.7 | 63.6 | 69.6 |
| 165            | 491 | 42.9        | 43.3 | 44.4 | 45.4 | 46.4 | 47.5 | 48.5 | 50.6 | 52.7 | 55.0 | 57.4 | 58.6 | 59.7 | 60.9 | 62.1 | 63.2 | 63.7 | 37.1                | 42.3   | 47.5 | 52.7 | 58.5 | 64.4 | 70.2 |
| 166            | 445 | 43.7        | 44.1 | 45.2 | 46.2 | 47.3 | 48.3 | 49.4 | 51.5 | 53.6 | 55.9 | 58.2 | 59.4 | 60.6 | 61.7 | 62.9 | 64.0 | 64.5 | 37.8                | 43.1   | 48.3 | 53.6 | 59.4 | 65.2 | 71.0 |
| 167            | 458 | 44.4        | 44.8 | 45.9 | 47.0 | 48.1 | 49.1 | 50.2 | 52.4 | 54.5 | 56.8 | 59.1 | 60.2 | 61.4 | 62.5 | 63.7 | 64.8 | 65.3 | 38.4                | 43.8   | 49.1 | 54.5 | 60.2 | 66.0 | 71.7 |
| 168            | 471 | 45.1        | 45.5 | 46.6 | 47.7 | 48.8 | 49.9 | 51.0 | 53.1 | 55.3 | 57.6 | 59.9 | 61.0 | 62.2 | 63.3 | 64.5 | 65.6 | 66.1 | 39.0                | 44.5   | 49.9 | 55.3 | 61.0 | 66.8 | 72.5 |
| 169            | 483 | 45.8        | 46.2 | 47.3 | 48.5 | 49.6 | 50.7 | 51.8 | 54.0 | 56.2 | 58.5 | 60.8 | 61.9 | 63.0 | 64.2 | 65.3 | 66.4 | 66.9 | 39.6                | 45.1   | 50.7 | 56.2 | 61.9 | 67.6 | 73.3 |
| 170            | 443 | 46.5        | 47.0 | 48.1 | 49.2 | 50.3 | 51.5 | 52.6 | 54.8 | 57.1 | 59.3 | 61.6 | 62.7 | 63.8 | 64.9 | 66.0 | 67.2 | 67.6 | 40.2                | 45.8   | 51.5 | 57.1 | 62.7 | 68.3 | 73.8 |
| 171            | 374 | 47.2        | 47.7 | 48.8 | 49.9 | 51.1 | 52.2 | 53.3 | 55.6 | 57.9 | 60.1 | 62.4 | 63.5 | 64.6 | 65.7 | 66.8 | 68.0 | 68.4 | 40.8                | 46.5   | 52.2 | 57.9 | 63.5 | 69.1 | 74.6 |
| 172            | 357 | 47.9        | 48.4 | 49.5 | 50.7 | 51.8 | 53.0 | 54.1 | 56.4 | 58.7 | 60.9 | 63.1 | 64.2 | 65.3 | 66.4 | 67.6 | 68.7 | 69.1 | 41.5                | 47.2   | 53.0 | 58.7 | 64.2 | 69.8 | 75.3 |
| 173            | 300 | 48.7        | 49.2 | 50.3 | 51.5 | 52.6 | 53.8 | 54.9 | 57.2 | 59.5 | 61.7 | 63.9 | 65.0 | 66.1 | 67.2 | 68.3 | 69.4 | 69.8 | 42.3                | 48.0   | 53.8 | 59.5 | 65.0 | 70.5 | 75.9 |
| 174            | 255 | 49.4        | 49.9 | 51.0 | 52.2 | 53.4 | 54.5 | 55.7 | 58.1 | 60.4 | 62.5 | 64.7 | 65.8 | 66.8 | 67.9 | 69.0 | 70.1 | 70.5 | 42.9                | 48.7   | 54.6 | 60.4 | 65.8 | 71.1 | 76.5 |
| 175            | 203 | 50.2        | 50.7 | 51.8 | 53.0 | 54.1 | 55.3 | 56.5 | 58.8 | 61.1 | 63.2 | 65.4 | 66.5 | 67.5 | 68.6 | 69.7 | 70.8 | 71.2 | 43.7                | 49.5   | 55.3 | 61.1 | 66.5 | 71.8 | 77.2 |
| 176            | 163 | 50.9        | 51.4 | 52.5 | 53.7 | 54.9 | 56.0 | 57.2 | 59.6 | 61.9 | 64.0 | 66.2 | 67.2 | 68.3 | 69.3 | 70.4 | 71.5 | 71.9 | 44.4                | 50.2   | 56.1 | 61.9 | 67.2 | 72.5 | 77.9 |
| 177            | 147 | 51.7        | 52.2 | 53.3 | 54.5 | 55.6 | 56.8 | 58.0 | 60.3 | 62.6 | 64.7 | 66.9 | 67.9 | 69.0 | 70.0 | 71.1 | 72.2 | 72.6 | 45.2                | 51.0   | 56.8 | 62.6 | 67.9 | 73.2 | 78.6 |
| 178            | 118 | 52.5        | 53.0 | 54.1 | 55.3 | 56.4 | 57.6 | 58.7 | 61.0 | 63.3 | 65.4 | 67.5 | 68.6 | 69.6 | 70.7 | 71.7 | 72.8 | 73.2 | 46.1                | 51.8   | 57.6 | 63.3 | 68.6 | 73.8 | 79.1 |
| 179            | 68  | 53.3        | 53.8 | 54.9 | 56.0 | 57.2 | 58.3 | 59.4 | 61.7 | 64.0 | 66.1 | 68.2 | 69.3 | 70.3 | 71.4 | 72.4 | 73.5 | 73.9 | 46.9                | 52.6   | 58.3 | 64.0 | 69.3 | 74.5 | 79.8 |
| 180            | 44  | 54.5        | 55.7 | 56.8 | 57.9 | 59.1 | 60.2 | 62.4 | 64.7 | 66.8 | 68.8 | 69.9 | 70.9 | 71.9 | 73.0 | 74.0 | 74.4 | 74.8 | 53.4                | 59.1   | 64.7 | 69.9 | 75.0 | 80.2 |      |

ตารางที่ 10 น้ำหนักตามเกณฑ์ความยาว 0-23 เดือน เพศหญิง

| ส่วนสูง<br>ซม. |    | PERCENTILES |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      | STANDARD DEVIATIONS |        |      |      |      |      |      |
|----------------|----|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|---------------------|--------|------|------|------|------|------|
|                |    | N           | P3  | P5  | P10 | P15 | P20 | P25 | P30 | P40 | P50 | P60 | P70 | P75 | P80 | P85 | P90  | P95  | P97-3SD-2SD-1SD     | MEDIAN | +1SD | +2SD | +3SD |      |      |
| 49             | 17 | 2.5         | 2.5 | 2.6 | 2.7 | 2.7 | 2.7 | 2.8 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 | 3.6 | 3.6  | 3.6  | 2.1                 | 2.5    | 2.8  | 3.1  | 3.4  | 3.7  | 3.9  |
| 50             | 16 | 2.7         | 2.7 | 2.8 | 2.9 | 2.9 | 2.9 | 3.0 | 3.2 | 3.3 | 3.5 | 3.6 | 3.6 | 3.7 | 3.8 | 3.8 | 3.9  | 3.9  | 2.3                 | 2.7    | 3.0  | 3.3  | 3.6  | 3.9  | 4.2  |
| 51             | 18 | 2.9         | 2.9 | 3.0 | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.0 | 4.1 | 4.2  | 4.2  | 2.5                 | 2.9    | 3.2  | 3.6  | 3.9  | 4.2  | 4.5  |
| 52             | 15 | 3.1         | 3.2 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 | 3.7 | 3.8 | 3.9 | 4.1 | 4.1 | 4.2 | 4.3 | 4.4 | 4.4  | 4.5  | 2.7                 | 3.1    | 3.4  | 3.8  | 4.1  | 4.5  | 4.8  |
| 53             | 5  | 3.3         | 3.4 | 3.4 | 3.5 | 3.6 | 3.7 | 3.7 | 3.9 | 4.0 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.6 | 4.7  | 4.7  | 2.9                 | 3.3    | 3.7  | 4.0  | 4.4  | 4.8  | 5.1  |
| 54             | 6  | 3.5         | 3.6 | 3.7 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.3 | 4.4 | 4.6 | 4.7 | 4.7 | 4.8 | 4.9 | 5.0  | 5.0  | 3.1                 | 3.5    | 3.9  | 4.3  | 4.7  | 5.0  | 5.4  |
| 55             | 14 | 3.8         | 3.8 | 3.9 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.5 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.2  | 5.3  | 3.3                 | 3.7    | 4.1  | 4.5  | 4.9  | 5.3  | 5.7  |
| 56             | 18 | 4.0         | 4.0 | 4.1 | 4.2 | 4.2 | 4.3 | 4.4 | 4.6 | 4.7 | 4.9 | 5.1 | 5.2 | 5.3 | 5.3 | 5.4 | 5.5  | 5.5  | 3.5                 | 3.9    | 4.3  | 4.7  | 5.2  | 5.6  | 6.0  |
| 57             | 17 | 4.2         | 4.2 | 4.3 | 4.4 | 4.4 | 4.5 | 4.6 | 4.8 | 5.0 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8  | 5.8  | 3.7                 | 4.1    | 4.5  | 5.0  | 5.4  | 5.9  | 6.3  |
| 58             | 11 | 4.4         | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.0  | 6.1  | 3.9                 | 4.3    | 4.8  | 5.2  | 5.7  | 6.1  | 6.6  |
| 59             | 6  | 4.6         | 4.6 | 4.7 | 4.8 | 4.9 | 4.9 | 5.0 | 5.3 | 5.4 | 5.6 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3  | 6.3  | 4.1                 | 4.5    | 5.0  | 5.4  | 5.9  | 6.4  | 6.9  |
| 60             | 17 | 4.8         | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6  | 6.6  | 4.3                 | 4.7    | 5.2  | 5.7  | 6.2  | 6.7  | 7.2  |
| 61             | 13 | 5.0         | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8  | 6.9  | 4.4                 | 4.9    | 5.4  | 5.9  | 6.4  | 6.9  | 7.4  |
| 62             | 11 | 5.2         | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.9 | 6.1 | 6.4 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1  | 7.1  | 4.6                 | 5.1    | 5.6  | 6.1  | 6.7  | 7.2  | 7.7  |
| 63             | 15 | 5.4         | 5.4 | 5.5 | 5.7 | 5.8 | 5.9 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.4  | 7.4  | 4.8                 | 5.3    | 5.9  | 6.4  | 6.9  | 7.5  | 8.0  |
| 64             | 13 | 5.6         | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.4 | 6.6 | 6.8 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6  | 7.7  | 5.0                 | 5.5    | 6.1  | 6.6  | 7.2  | 7.7  | 8.3  |
| 65             | 17 | 5.8         | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.6 | 6.8 | 7.1 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.9  | 7.9  | 5.2                 | 5.7    | 6.3  | 6.8  | 7.4  | 8.0  | 8.5  |
| 66             | 11 | 6.0         | 6.1 | 6.2 | 6.3 | 6.4 | 6.4 | 6.5 | 6.8 | 7.1 | 7.3 | 7.5 | 7.6 | 7.8 | 7.9 | 8.0 | 8.1  | 8.2  | 5.4                 | 5.9    | 6.5  | 7.1  | 7.6  | 8.2  | 8.8  |
| 67             | 12 | 6.2         | 6.3 | 6.4 | 6.5 | 6.6 | 6.6 | 6.7 | 7.1 | 7.3 | 7.5 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.4  | 8.4  | 5.6                 | 6.1    | 6.7  | 7.3  | 7.9  | 8.5  | 9.1  |
| 68             | 18 | 6.4         | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.3 | 7.5 | 7.8 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.6  | 8.7  | 5.8                 | 6.3    | 6.9  | 7.5  | 8.1  | 8.7  | 9.3  |
| 69             | 15 | 6.6         | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.3 | 7.5 | 7.7 | 8.0 | 8.2 | 8.4 | 8.5 | 8.6 | 8.7 | 8.9  | 8.9  | 5.9                 | 6.5    | 7.1  | 7.7  | 8.4  | 9.0  | 9.6  |
| 70             | 10 | 6.8         | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.5 | 7.7 | 8.0 | 8.2 | 8.5 | 8.6 | 8.7 | 8.8 | 9.0 | 9.1  | 9.2  | 6.1                 | 6.7    | 7.3  | 8.0  | 8.6  | 9.2  | 9.9  |
| 71             | 18 | 7.0         | 7.1 | 7.2 | 7.3 | 7.4 | 7.6 | 7.7 | 7.9 | 8.2 | 8.4 | 8.7 | 8.8 | 9.0 | 9.1 | 9.2 | 9.3  | 9.4  | 6.3                 | 6.9    | 7.6  | 8.2  | 8.8  | 9.5  | 10.1 |
| 72             | 17 | 7.2         | 7.3 | 7.4 | 7.5 | 7.6 | 7.8 | 7.9 | 8.1 | 8.4 | 8.7 | 8.9 | 9.1 | 9.2 | 9.3 | 9.4 | 9.6  | 9.6  | 6.5                 | 7.1    | 7.8  | 8.4  | 9.1  | 9.7  | 10.4 |
| 73             | 15 | 7.4         | 7.4 | 7.6 | 7.7 | 7.8 | 8.0 | 8.1 | 8.4 | 8.6 | 8.9 | 9.2 | 9.3 | 9.4 | 9.6 | 9.7 | 9.8  | 9.9  | 6.7                 | 7.3    | 8.0  | 8.6  | 9.3  | 10.0 | 10.6 |
| 74             | 9  | 7.6         | 7.6 | 7.8 | 7.9 | 8.0 | 8.2 | 8.3 | 8.6 | 8.8 | 9.1 | 9.4 | 9.5 | 9.6 | 9.8 | 9.9 | 10.1 | 10.1 | 6.8                 | 7.5    | 8.2  | 8.8  | 9.5  | 10.2 | 10.9 |

ตารางที่ 10 น้ำหนักตามเกณฑ์ความยาว 0-23 เดือน เพศหญิง

| ส่วนสูง<br>ซม. | PERCENTILES |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|----------------|-------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|                | N           | P3  | P5  | P10 | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 75             | 13          | 7.8 | 7.8 | 8.0 | 8.1  | 8.2  | 8.4  | 8.5  | 8.8  | 9.0  | 9.3  | 9.6  | 9.7  | 9.9  | 10.0 | 10.1 | 10.3                | 10.3 | 7.0  | 7.7  | 8.4  | 9.0    | 9.7  | 10.4 | 11.1 |
| 76             | 14          | 8.0 | 8.0 | 8.2 | 8.3  | 8.4  | 8.6  | 8.7  | 9.0  | 9.3  | 9.5  | 9.8  | 10.0 | 10.1 | 10.2 | 10.4 | 10.5                | 10.6 | 7.2  | 7.9  | 8.6  | 9.3    | 10.0 | 10.7 | 11.4 |
| 77             | 16          | 8.1 | 8.2 | 8.3 | 8.5  | 8.6  | 8.8  | 8.9  | 9.2  | 9.5  | 9.8  | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.7                | 10.8 | 7.3  | 8.1  | 8.8  | 9.5    | 10.2 | 10.9 | 11.6 |
| 78             | 23          | 8.3 | 8.4 | 8.5 | 8.7  | 8.8  | 9.0  | 9.1  | 9.4  | 9.7  | 10.0 | 10.3 | 10.4 | 10.5 | 10.7 | 10.8 | 11.0                | 11.0 | 7.5  | 8.2  | 9.0  | 9.7    | 10.4 | 11.1 | 11.8 |
| 79             | 20          | 8.5 | 8.6 | 8.7 | 8.9  | 9.0  | 9.2  | 9.3  | 9.6  | 9.9  | 10.2 | 10.5 | 10.6 | 10.8 | 10.9 | 11.1 | 11.2                | 11.3 | 7.7  | 8.4  | 9.2  | 9.9    | 10.6 | 11.3 | 12.1 |
| 80             | 20          | 8.7 | 8.7 | 8.9 | 9.0  | 9.2  | 9.3  | 9.5  | 9.8  | 10.1 | 10.4 | 10.7 | 10.8 | 11.0 | 11.1 | 11.3 | 11.4                | 11.5 | 7.8  | 8.6  | 9.3  | 10.1   | 10.8 | 11.6 | 12.3 |
| 81             | 27          | 8.9 | 8.9 | 9.1 | 9.2  | 9.4  | 9.5  | 9.7  | 10.0 | 10.3 | 10.6 | 10.9 | 11.1 | 11.2 | 11.4 | 11.5 | 11.7                | 11.7 | 8.0  | 8.8  | 9.5  | 10.3   | 11.1 | 11.8 | 12.6 |
| 82             | 24          | 9.0 | 9.1 | 9.3 | 9.4  | 9.6  | 9.7  | 9.9  | 10.2 | 10.5 | 10.8 | 11.1 | 11.3 | 11.4 | 11.6 | 11.7 | 11.9                | 11.9 | 8.1  | 8.9  | 9.7  | 10.6   | 11.3 | 12.0 | 12.8 |
| 83             | 18          | 9.2 | 9.3 | 9.4 | 9.6  | 9.8  | 9.9  | 10.1 | 10.4 | 10.7 | 11.0 | 11.3 | 11.5 | 11.6 | 11.8 | 11.9 | 12.1                | 12.2 | 8.3  | 9.1  | 9.9  | 10.7   | 11.5 | 12.3 | 13.0 |
| 84             | 7           | 9.4 | 9.4 | 9.6 | 9.8  | 9.9  | 10.1 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.7 | 11.9 | 12.0 | 12.2 | 12.3                | 12.4 | 8.5  | 9.3  | 10.1 | 10.9   | 11.7 | 12.5 | 13.3 |
| 85             | 15          | 9.6 | 9.6 | 9.8 | 10.0 | 10.1 | 10.3 | 10.5 | 10.8 | 11.1 | 11.4 | 11.8 | 11.9 | 12.1 | 12.2 | 12.4 | 12.5                | 12.6 | 8.6  | 9.4  | 10.3 | 11.1   | 11.9 | 12.7 | 13.5 |

TABLE 10. WEIGHT BY LENGTH : GIRLS

ตารางที่ 11 น้ำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศหญิง

| TABLE 11. WEIGHT BY HEIGHT : GIRLS |     |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 |                     |      |      |      |      |      |      |
|------------------------------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|---------------------|------|------|------|------|------|------|
| ส่วนสูง<br>ซม.                     | N   | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                 | STANDARD DEVIATIONS |      |      |      |      |      |      |
|                                    |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97-3SD-2SD-1SD | MEDIAN              | +1SD | +2SD | +3SD |      |      |      |
| 85                                 | 22  | 9.9         | 10.0 | 10.1 | 10.3 | 10.4 | 10.6 | 10.7 | 11.0 | 11.3 | 11.9 | 12.4 | 12.7 | 13.0 | 13.3 | 13.6 | 13.9 | 14.0            | 9.1                 | 9.8  | 10.6 | 11.3 | 12.7 | 14.2 | 15.6 |
| 86                                 | 38  | 10.1        | 10.2 | 10.3 | 10.5 | 10.6 | 10.8 | 11.0 | 11.3 | 11.6 | 12.2 | 12.7 | 13.0 | 13.3 | 13.6 | 13.9 | 14.2 | 14.3            | 9.2                 | 10.0 | 10.8 | 11.6 | 13.0 | 14.5 | 15.9 |
| 87                                 | 31  | 10.3        | 10.4 | 10.5 | 10.7 | 10.9 | 11.0 | 11.2 | 11.6 | 11.9 | 12.5 | 13.0 | 13.3 | 13.6 | 13.8 | 14.1 | 14.4 | 14.5            | 9.3                 | 10.2 | 11.0 | 11.9 | 13.3 | 14.7 | 16.0 |
| 88                                 | 39  | 10.5        | 10.6 | 10.7 | 10.9 | 11.1 | 11.2 | 11.4 | 11.8 | 12.1 | 12.7 | 13.2 | 13.5 | 13.8 | 14.1 | 14.4 | 14.7 | 14.8            | 9.5                 | 10.4 | 11.2 | 12.1 | 13.5 | 15.0 | 16.4 |
| 89                                 | 49  | 10.7        | 10.8 | 11.0 | 11.1 | 11.3 | 11.5 | 11.7 | 12.0 | 12.4 | 13.0 | 13.5 | 13.8 | 14.1 | 14.4 | 14.7 | 15.0 | 15.1            | 9.7                 | 10.6 | 11.5 | 12.4 | 13.8 | 15.3 | 16.7 |
| 90                                 | 72  | 10.9        | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.9 | 12.3 | 12.7 | 13.3 | 13.8 | 14.1 | 14.4 | 14.6 | 14.9 | 15.2 | 15.3            | 9.8                 | 10.8 | 11.7 | 12.7 | 14.1 | 15.5 | 16.8 |
| 91                                 | 90  | 11.1        | 11.2 | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.6 | 13.0 | 13.6 | 14.1 | 14.4 | 14.7 | 14.9 | 15.2 | 15.5 | 15.6            | 10.0                | 11.0 | 12.0 | 13.0 | 14.4 | 15.8 | 17.1 |
| 92                                 | 97  | 11.3        | 11.4 | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.8 | 13.2 | 13.8 | 14.3 | 14.6 | 14.9 | 15.2 | 15.5 | 15.8 | 15.9            | 10.2                | 11.2 | 12.2 | 13.2 | 14.6 | 16.1 | 17.5 |
| 93                                 | 123 | 11.5        | 11.6 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 13.1 | 13.5 | 14.1 | 14.6 | 14.9 | 15.2 | 15.5 | 15.8 | 16.1 | 16.2            | 10.3                | 11.4 | 12.4 | 13.5 | 14.9 | 16.4 | 17.8 |
| 94                                 | 101 | 11.7        | 11.8 | 12.0 | 12.2 | 12.5 | 12.7 | 12.9 | 13.4 | 13.8 | 14.4 | 14.9 | 15.2 | 15.5 | 15.8 | 16.1 | 16.4 | 16.5            | 10.5                | 11.6 | 12.7 | 13.8 | 15.2 | 16.7 | 18.1 |
| 95                                 | 129 | 11.9        | 12.0 | 12.2 | 12.4 | 12.7 | 12.9 | 13.1 | 13.6 | 14.0 | 14.6 | 15.2 | 15.5 | 15.8 | 16.1 | 16.4 | 16.7 | 16.8            | 10.7                | 11.8 | 12.9 | 14.0 | 15.5 | 17.0 | 18.5 |
| 96                                 | 161 | 12.2        | 12.3 | 12.5 | 12.7 | 13.0 | 13.2 | 13.4 | 13.9 | 14.3 | 14.9 | 15.5 | 15.8 | 16.1 | 16.4 | 16.7 | 17.0 | 17.1            | 11.0                | 12.1 | 13.2 | 14.3 | 15.8 | 17.3 | 18.8 |
| 97                                 | 157 | 12.4        | 12.5 | 12.7 | 13.0 | 13.2 | 13.4 | 13.7 | 14.1 | 14.6 | 15.2 | 15.8 | 16.1 | 16.5 | 16.8 | 17.1 | 17.4 | 17.5            | 11.1                | 12.3 | 13.4 | 14.6 | 16.1 | 17.7 | 19.2 |
| 98                                 | 153 | 12.6        | 12.7 | 12.9 | 13.2 | 13.4 | 13.6 | 13.9 | 14.3 | 14.8 | 15.4 | 16.1 | 16.4 | 16.7 | 17.0 | 17.4 | 17.7 | 17.8            | 11.3                | 12.5 | 13.6 | 14.8 | 16.4 | 18.0 | 19.6 |
| 99                                 | 148 | 12.8        | 12.9 | 13.1 | 13.4 | 13.6 | 13.9 | 14.1 | 14.6 | 15.1 | 15.8 | 16.4 | 16.7 | 17.1 | 17.4 | 17.7 | 18.1 | 18.2            | 11.4                | 12.7 | 13.9 | 15.1 | 16.7 | 18.4 | 20.0 |
| 100                                | 175 | 13.1        | 13.2 | 13.4 | 13.7 | 13.9 | 14.1 | 14.4 | 14.8 | 15.3 | 16.0 | 16.7 | 17.0 | 17.3 | 17.7 | 18.0 | 18.4 | 18.5            | 11.8                | 13.0 | 14.1 | 15.3 | 17.0 | 18.7 | 20.4 |
| 101                                | 180 | 13.3        | 13.4 | 13.6 | 13.9 | 14.1 | 14.4 | 14.6 | 15.1 | 15.6 | 16.3 | 17.0 | 17.4 | 17.7 | 18.1 | 18.4 | 18.8 | 18.9            | 11.9                | 13.2 | 14.4 | 15.6 | 17.4 | 19.1 | 20.9 |
| 102                                | 186 | 13.5        | 13.6 | 13.8 | 14.1 | 14.3 | 14.6 | 14.8 | 15.3 | 15.8 | 16.5 | 17.2 | 17.6 | 18.0 | 18.3 | 18.7 | 19.1 | 19.2            | 12.1                | 13.4 | 14.6 | 15.8 | 17.6 | 19.4 | 21.2 |
| 103                                | 179 | 13.7        | 13.8 | 14.1 | 14.3 | 14.6 | 14.8 | 15.1 | 15.6 | 16.1 | 16.8 | 17.6 | 18.0 | 18.3 | 18.7 | 19.1 | 19.5 | 19.6            | 12.3                | 13.5 | 14.8 | 16.1 | 18.0 | 19.8 | 21.7 |
| 104                                | 155 | 14.0        | 14.1 | 14.4 | 14.6 | 14.9 | 15.1 | 15.4 | 15.9 | 16.4 | 17.1 | 17.9 | 18.3 | 18.6 | 19.0 | 19.4 | 19.8 | 19.9            | 12.6                | 13.8 | 15.1 | 16.4 | 18.3 | 20.1 | 22.0 |
| 105                                | 205 | 14.2        | 14.3 | 14.6 | 14.8 | 15.1 | 15.4 | 15.6 | 16.2 | 16.7 | 17.5 | 18.2 | 18.6 | 19.0 | 19.4 | 19.8 | 20.1 | 20.3            | 12.7                | 14.0 | 15.4 | 16.7 | 18.6 | 20.5 | 22.4 |
| 106                                | 182 | 14.5        | 14.6 | 14.9 | 15.1 | 15.4 | 15.7 | 15.9 | 16.5 | 17.0 | 17.8 | 18.6 | 19.0 | 19.4 | 19.8 | 20.1 | 20.5 | 20.7            | 13.0                | 14.3 | 15.7 | 17.0 | 19.0 | 20.9 | 22.9 |
| 107                                | 178 | 14.7        | 14.8 | 15.1 | 15.4 | 15.6 | 15.9 | 16.2 | 16.7 | 17.3 | 18.1 | 18.9 | 19.3 | 19.7 | 20.1 | 20.5 | 20.9 | 21.1            | 13.2                | 14.5 | 15.9 | 17.3 | 19.3 | 21.3 | 23.4 |
| 108                                | 194 | 15.0        | 15.1 | 15.4 | 15.7 | 15.9 | 16.2 | 16.5 | 17.0 | 17.6 | 18.4 | 19.3 | 19.7 | 20.1 | 20.5 | 20.9 | 21.3 | 21.5            | 13.5                | 14.8 | 16.2 | 17.6 | 19.7 | 21.7 | 23.8 |
| 109                                | 193 | 15.2        | 15.3 | 15.6 | 15.9 | 16.2 | 16.5 | 16.8 | 17.3 | 17.9 | 18.8 | 19.6 | 20.0 | 20.5 | 20.9 | 21.3 | 21.7 | 21.9            | 13.6                | 15.0 | 16.5 | 17.9 | 20.0 | 22.2 | 24.3 |

ตารางที่ 11 น้ำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศหญิง

TABLE 11. WEIGHT BY HEIGHT : GIRLS

| ส่วนสูง<br>cm. |     | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|----------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|                |     | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 110            | 200 | 15.5        | 15.6 | 15.9 | 16.2 | 16.5 | 16.8 | 17.1 | 17.6 | 18.2 | 19.1 | 19.9 | 20.4 | 20.8 | 21.3 | 21.7 | 22.1 | 22.3                | 22.3 | 13.9 | 15.3 | 16.8 | 18.2   | 20.4 | 22.6 | 24.7 |
| 111            | 200 | 15.7        | 15.8 | 16.1 | 16.4 | 16.7 | 17.0 | 17.3 | 17.9 | 18.5 | 19.4 | 20.3 | 20.8 | 21.2 | 21.7 | 22.2 | 22.6 | 22.8                | 22.8 | 14.0 | 15.5 | 17.0 | 18.5   | 20.8 | 23.1 | 25.4 |
| 112            | 185 | 16.0        | 16.1 | 16.4 | 16.7 | 17.0 | 17.3 | 17.6 | 18.2 | 18.8 | 19.7 | 20.7 | 21.1 | 21.6 | 22.1 | 22.5 | 23.0 | 23.2                | 23.2 | 14.3 | 15.8 | 17.3 | 18.8   | 21.1 | 23.5 | 25.8 |
| 113            | 236 | 16.3        | 16.4 | 16.7 | 17.0 | 17.3 | 17.7 | 18.0 | 18.6 | 19.2 | 20.2 | 21.1 | 21.6 | 22.1 | 22.6 | 23.0 | 23.5 | 23.7                | 23.7 | 14.6 | 16.1 | 17.7 | 19.2   | 21.6 | 24.0 | 26.4 |
| 114            | 229 | 16.6        | 16.7 | 17.0 | 17.3 | 17.6 | 18.0 | 18.3 | 18.9 | 19.5 | 20.5 | 21.5 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.2                | 24.2 | 14.9 | 16.4 | 18.0 | 19.5   | 22.0 | 24.5 | 27.0 |
| 115            | 267 | 16.9        | 17.0 | 17.3 | 17.6 | 17.9 | 18.3 | 18.6 | 19.2 | 19.8 | 20.8 | 21.9 | 22.4 | 22.9 | 23.4 | 24.0 | 24.5 | 24.7                | 24.7 | 15.2 | 16.7 | 18.3 | 19.8   | 22.4 | 25.0 | 27.6 |
| 116            | 264 | 17.1        | 17.2 | 17.6 | 17.9 | 18.2 | 18.6 | 18.9 | 19.5 | 20.2 | 21.3 | 22.4 | 22.9 | 23.5 | 24.0 | 24.5 | 25.1 | 25.3                | 25.3 | 15.3 | 16.9 | 18.6 | 20.2   | 22.9 | 25.6 | 28.3 |
| 117            | 227 | 17.4        | 17.5 | 17.9 | 18.2 | 18.6 | 18.9 | 19.2 | 19.9 | 20.6 | 21.7 | 22.8 | 23.4 | 23.9 | 24.5 | 25.0 | 25.6 | 25.8                | 25.8 | 15.5 | 17.2 | 18.9 | 20.6   | 23.4 | 26.1 | 28.9 |
| 118            | 246 | 17.7        | 17.8 | 18.2 | 18.5 | 18.9 | 19.2 | 19.6 | 20.3 | 21.0 | 22.1 | 23.3 | 23.9 | 24.4 | 25.0 | 25.6 | 26.2 | 26.4                | 26.4 | 15.7 | 17.5 | 19.2 | 21.0   | 23.9 | 26.7 | 29.6 |
| 119            | 248 | 18.0        | 18.1 | 18.5 | 18.8 | 19.2 | 19.5 | 19.9 | 20.6 | 21.3 | 22.5 | 23.7 | 24.3 | 24.9 | 25.5 | 26.2 | 26.8 | 27.0                | 27.0 | 16.0 | 17.8 | 19.5 | 21.3   | 24.3 | 27.4 | 30.4 |
| 120            | 287 | 18.4        | 18.5 | 18.9 | 19.2 | 19.6 | 19.9 | 20.3 | 21.0 | 21.7 | 23.0 | 24.3 | 24.9 | 25.5 | 26.2 | 26.8 | 27.4 | 27.7                | 27.7 | 16.4 | 18.2 | 19.9 | 21.7   | 24.9 | 28.1 | 31.3 |
| 121            | 275 | 18.7        | 18.8 | 19.2 | 19.6 | 20.0 | 20.3 | 20.7 | 21.5 | 22.2 | 23.5 | 24.8 | 25.4 | 26.1 | 26.7 | 27.4 | 28.0 | 28.3                | 28.3 | 16.6 | 18.5 | 20.3 | 22.2   | 25.4 | 28.7 | 31.9 |
| 122            | 279 | 19.0        | 19.2 | 19.5 | 19.9 | 20.3 | 20.7 | 21.1 | 21.8 | 22.6 | 24.0 | 25.3 | 26.0 | 26.7 | 27.4 | 28.0 | 28.7 | 29.0                | 29.0 | 16.9 | 18.8 | 20.7 | 22.6   | 26.0 | 29.4 | 32.8 |
| 123            | 255 | 19.3        | 19.5 | 19.9 | 20.2 | 20.6 | 21.0 | 21.4 | 22.2 | 23.0 | 24.4 | 25.9 | 26.6 | 27.3 | 28.1 | 28.8 | 29.5 | 29.8                | 29.8 | 17.1 | 19.1 | 21.0 | 23.0   | 26.6 | 30.2 | 33.8 |
| 124            | 253 | 19.7        | 19.9 | 20.3 | 20.7 | 21.1 | 21.5 | 21.9 | 22.7 | 23.5 | 25.0 | 26.5 | 27.2 | 28.0 | 28.7 | 29.5 | 30.2 | 30.5                | 30.5 | 17.4 | 19.5 | 21.5 | 23.5   | 27.2 | 30.9 | 34.7 |
| 125            | 259 | 20.0        | 20.2 | 20.6 | 21.0 | 21.4 | 21.8 | 22.2 | 23.1 | 23.9 | 25.5 | 27.0 | 27.8 | 28.6 | 29.4 | 30.2 | 31.0 | 31.3                | 31.3 | 17.7 | 19.8 | 21.8 | 23.9   | 27.8 | 31.8 | 35.7 |
| 126            | 260 | 20.3        | 20.5 | 20.9 | 21.3 | 21.8 | 22.2 | 22.7 | 23.5 | 24.4 | 26.0 | 27.7 | 28.5 | 29.3 | 30.1 | 31.0 | 31.8 | 32.1                | 32.1 | 17.9 | 20.0 | 22.2 | 24.4   | 28.5 | 32.6 | 36.7 |
| 127            | 272 | 20.7        | 20.9 | 21.3 | 21.8 | 22.2 | 22.7 | 23.1 | 24.0 | 24.9 | 26.6 | 28.3 | 29.2 | 30.0 | 30.9 | 31.7 | 32.6 | 32.9                | 32.9 | 18.2 | 20.4 | 22.7 | 24.9   | 29.2 | 33.4 | 37.7 |
| 128            | 237 | 21.0        | 21.2 | 21.7 | 22.1 | 22.6 | 23.1 | 23.5 | 24.5 | 25.4 | 27.2 | 28.9 | 29.8 | 30.7 | 31.6 | 32.5 | 33.3 | 33.7                | 33.7 | 18.4 | 20.7 | 23.1 | 25.4   | 29.8 | 34.2 | 38.6 |
| 129            | 287 | 21.4        | 21.6 | 22.1 | 22.5 | 23.0 | 23.5 | 24.0 | 24.9 | 25.9 | 27.8 | 29.6 | 30.5 | 31.5 | 32.4 | 33.3 | 34.2 | 34.6                | 34.6 | 18.7 | 21.1 | 23.5 | 25.9   | 30.5 | 35.2 | 39.8 |
| 130            | 240 | 21.7        | 21.9 | 22.4 | 22.9 | 23.4 | 23.9 | 24.5 | 25.5 | 26.5 | 28.4 | 30.3 | 31.3 | 32.2 | 33.2 | 34.2 | 35.1 | 35.5                | 35.5 | 18.8 | 21.4 | 23.9 | 26.5   | 31.3 | 36.1 | 40.9 |
| 131            | 213 | 22.1        | 22.3 | 22.8 | 23.4 | 23.9 | 24.4 | 24.9 | 26.0 | 27.0 | 29.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 | 36.0 | 36.4                | 36.4 | 19.2 | 21.8 | 24.4 | 27.0   | 32.0 | 37.0 | 42.0 |
| 132            | 246 | 22.5        | 22.7 | 23.3 | 23.8 | 24.3 | 24.9 | 25.4 | 26.5 | 27.6 | 29.7 | 31.7 | 32.8 | 33.8 | 34.8 | 35.9 | 36.9 | 37.3                | 37.3 | 19.5 | 22.2 | 24.9 | 27.6   | 32.8 | 37.9 | 43.1 |
| 133            | 233 | 22.9        | 23.1 | 23.7 | 24.3 | 24.8 | 25.4 | 25.9 | 27.1 | 28.2 | 30.3 | 32.5 | 33.5 | 34.6 | 35.6 | 36.7 | 37.8 | 38.2                | 38.2 | 19.7 | 22.6 | 25.4 | 28.2   | 33.5 | 38.8 | 44.2 |
| 134            | 231 | 23.2        | 23.5 | 24.1 | 24.7 | 25.2 | 25.9 | 26.5 | 27.6 | 28.8 | 31.0 | 33.2 | 34.3 | 35.4 | 36.5 | 37.7 | 38.8 | 39.2                | 39.2 | 20.0 | 23.0 | 25.9 | 28.8   | 34.3 | 39.9 | 45.4 |

ตารางที่ 11 น้ำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศหญิง

TABLE 11. WEIGHT BY HEIGHT : GIRLS

| ส่วนสูง<br>ซม. | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|----------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 135            | 233         | 23.7 | 23.9 | 24.6 | 25.2 | 25.8 | 26.4 | 27.0 | 28.3 | 29.5 | 31.8 | 34.0 | 35.1 | 36.3 | 37.4 | 38.5                | 39.6 | 40.1 | 20.2 | 23.3 | 25.4 | 29.5   | 35.1 | 40.8 | 46.4 |
| 136            | 222         | 24.2 | 24.5 | 25.1 | 25.7 | 26.4 | 27.0 | 27.6 | 28.9 | 30.2 | 32.5 | 34.8 | 36.0 | 37.2 | 38.3 | 39.5                | 40.6 | 41.1 | 20.6 | 23.8 | 27.0 | 30.2   | 36.0 | 41.8 | 47.6 |
| 137            | 244         | 24.6 | 24.9 | 25.5 | 26.2 | 26.9 | 27.5 | 28.2 | 29.6 | 30.9 | 33.3 | 35.6 | 36.8 | 38.0 | 39.2 | 40.3                | 41.5 | 42.0 | 20.9 | 24.2 | 27.6 | 30.9   | 36.8 | 42.7 | 48.6 |
| 138            | 211         | 25.1 | 25.4 | 26.1 | 26.8 | 27.5 | 28.1 | 28.8 | 30.2 | 31.6 | 34.0 | 36.4 | 37.6 | 38.8 | 40.0 | 41.2                | 42.4 | 42.9 | 21.2 | 24.7 | 28.1 | 31.6   | 37.6 | 43.6 | 49.6 |
| 139            | 255         | 25.6 | 25.9 | 26.6 | 27.3 | 28.1 | 28.8 | 29.5 | 31.0 | 32.4 | 34.8 | 37.3 | 38.5 | 39.7 | 41.0 | 42.2                | 43.4 | 43.9 | 21.6 | 25.2 | 28.8 | 32.4   | 38.5 | 44.6 | 50.7 |
| 140            | 225         | 26.2 | 26.5 | 27.2 | 28.0 | 28.7 | 29.4 | 30.2 | 31.6 | 33.1 | 35.5 | 38.1 | 39.3 | 40.6 | 41.8 | 43.1                | 44.3 | 44.8 | 22.1 | 25.8 | 29.4 | 33.1   | 39.3 | 45.5 | 51.8 |
| 141            | 236         | 26.7 | 27.0 | 27.8 | 28.5 | 29.3 | 30.1 | 30.8 | 32.4 | 33.9 | 36.4 | 39.0 | 40.2 | 41.5 | 42.8 | 44.0                | 45.3 | 45.8 | 22.4 | 26.2 | 30.1 | 33.9   | 40.2 | 46.6 | 52.9 |
| 142            | 253         | 27.3 | 27.6 | 28.4 | 29.2 | 30.0 | 30.8 | 31.6 | 33.2 | 34.8 | 37.3 | 39.9 | 41.1 | 42.4 | 43.7 | 44.9                | 46.2 | 46.7 | 22.8 | 26.8 | 30.8 | 34.8   | 41.1 | 47.5 | 53.8 |
| 143            | 268         | 27.9 | 28.2 | 29.0 | 29.9 | 30.7 | 31.5 | 32.3 | 34.0 | 35.6 | 38.2 | 40.7 | 42.0 | 43.3 | 44.5 | 45.8                | 47.1 | 47.6 | 23.3 | 27.4 | 31.5 | 35.6   | 42.0 | 48.4 | 54.7 |
| 144            | 294         | 28.6 | 28.9 | 29.8 | 30.6 | 31.4 | 32.3 | 33.1 | 34.7 | 36.4 | 39.0 | 41.5 | 42.8 | 44.1 | 45.4 | 46.7                | 48.0 | 48.5 | 24.0 | 28.1 | 32.3 | 36.4   | 42.8 | 49.3 | 55.7 |
| 145            | 269         | 29.2 | 29.5 | 30.4 | 31.3 | 32.1 | 33.0 | 33.9 | 35.6 | 37.3 | 39.9 | 42.5 | 43.8 | 45.1 | 46.4 | 47.7                | 49.0 | 49.5 | 24.4 | 28.7 | 33.0 | 37.3   | 43.8 | 50.3 | 56.8 |
| 146            | 306         | 29.9 | 30.3 | 31.1 | 32.0 | 32.9 | 33.8 | 34.7 | 36.4 | 38.2 | 40.8 | 43.4 | 44.7 | 46.0 | 47.3 | 48.6                | 49.9 | 50.4 | 25.0 | 29.4 | 33.8 | 38.2   | 44.7 | 51.2 | 57.7 |
| 147            | 371         | 30.7 | 31.1 | 31.9 | 32.8 | 33.7 | 34.6 | 35.5 | 37.2 | 39.0 | 41.6 | 44.2 | 45.5 | 46.9 | 48.2 | 49.5                | 50.8 | 51.3 | 25.8 | 30.2 | 34.6 | 39.0   | 45.5 | 52.1 | 58.6 |
| 148            | 441         | 31.4 | 31.8 | 32.7 | 33.6 | 34.5 | 35.4 | 36.3 | 38.1 | 39.9 | 42.5 | 45.1 | 46.4 | 47.8 | 49.1 | 50.4                | 51.7 | 52.2 | 26.3 | 30.9 | 35.4 | 39.9   | 46.4 | 53.0 | 59.5 |
| 149            | 475         | 32.1 | 32.5 | 33.4 | 34.3 | 35.2 | 36.2 | 37.1 | 38.9 | 40.8 | 43.4 | 46.0 | 47.3 | 48.6 | 49.9 | 51.2                | 52.5 | 53.0 | 26.9 | 31.5 | 36.2 | 40.8   | 47.3 | 53.8 | 60.3 |
| 150            | 563         | 32.9 | 33.3 | 34.2 | 35.1 | 36.0 | 37.0 | 37.9 | 39.7 | 41.6 | 44.2 | 46.8 | 48.1 | 49.5 | 50.8 | 52.1                | 53.4 | 53.9 | 27.7 | 32.3 | 37.0 | 41.6   | 48.1 | 54.7 | 61.2 |
| 151            | 723         | 33.7 | 34.1 | 35.0 | 35.9 | 36.8 | 37.8 | 38.7 | 40.5 | 42.4 | 45.0 | 47.6 | 48.9 | 50.3 | 51.6 | 52.9                | 54.2 | 54.7 | 28.5 | 33.1 | 37.8 | 42.4   | 48.9 | 55.5 | 62.0 |
| 152            | 720         | 34.4 | 34.8 | 35.7 | 36.7 | 37.6 | 38.6 | 39.5 | 41.4 | 43.3 | 45.9 | 48.5 | 49.8 | 51.1 | 52.4 | 53.7                | 55.0 | 55.5 | 29.1 | 33.8 | 38.6 | 43.3   | 49.8 | 56.3 | 62.8 |
| 153            | 779         | 35.2 | 35.6 | 36.5 | 37.5 | 38.4 | 39.4 | 40.3 | 42.2 | 44.1 | 46.7 | 49.3 | 50.6 | 51.9 | 53.2 | 54.5                | 55.8 | 56.3 | 29.9 | 34.5 | 39.4 | 44.1   | 50.6 | 57.1 | 63.6 |
| 154            | 853         | 35.9 | 36.3 | 37.2 | 38.2 | 39.2 | 40.1 | 41.1 | 43.0 | 44.9 | 47.5 | 50.1 | 51.4 | 52.7 | 54.0 | 55.3                | 56.6 | 57.1 | 30.5 | 35.3 | 40.1 | 44.9   | 51.4 | 57.9 | 64.4 |
| 155            | 865         | 36.6 | 37.0 | 38.0 | 38.9 | 39.9 | 40.9 | 41.8 | 43.8 | 45.7 | 48.3 | 50.9 | 52.2 | 53.5 | 54.8 | 56.1                | 57.4 | 57.9 | 31.2 | 36.0 | 40.9 | 45.7   | 52.2 | 58.7 | 65.2 |
| 156            | 876         | 37.3 | 37.7 | 38.7 | 39.6 | 40.6 | 41.6 | 42.6 | 44.5 | 46.5 | 49.1 | 51.6 | 52.9 | 54.2 | 55.5 | 56.8                | 58.1 | 58.6 | 31.8 | 36.7 | 41.6 | 46.5   | 52.9 | 59.4 | 65.8 |
| 157            | 860         | 38.0 | 38.4 | 39.4 | 40.4 | 41.4 | 42.4 | 43.3 | 45.3 | 47.3 | 49.9 | 52.4 | 53.7 | 55.0 | 56.2 | 57.5                | 58.8 | 59.3 | 32.5 | 37.4 | 42.4 | 47.3   | 53.7 | 60.1 | 66.4 |
| 158            | 773         | 38.7 | 39.1 | 40.1 | 41.1 | 42.1 | 43.1 | 44.1 | 46.1 | 48.1 | 50.6 | 53.2 | 54.4 | 55.7 | 57.0 | 58.2                | 59.5 | 60.0 | 33.1 | 38.1 | 43.1 | 48.1   | 54.4 | 60.8 | 67.1 |
| 159            | 715         | 39.4 | 39.8 | 40.8 | 41.8 | 42.8 | 43.8 | 44.9 | 46.9 | 48.9 | 51.4 | 53.9 | 55.2 | 56.4 | 57.7 | 58.9                | 60.2 | 60.7 | 33.7 | 38.8 | 43.8 | 48.9   | 55.2 | 61.4 | 67.7 |

ตารางที่ 11 นำหนักตามเกณฑ์ส่วนสูง 2-19 ปี เพศหญิง

| ส่วนสูง<br>ซม. | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |                 |        |      |      |      |      |      |      |
|----------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|-----------------|--------|------|------|------|------|------|------|
|                | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97-3SD-2SD-1SD | MEDIAN | +1SD | +2SD | +3SD |      |      |      |
| 160            | 884         | 40.1 | 40.5 | 41.5 | 42.6 | 43.6 | 44.6 | 45.6 | 47.7 | 49.7 | 52.2 | 54.7 | 55.9 | 57.2 | 58.4 | 59.7 | 60.9                | 61.4            | 34.4   | 39.5 | 44.6 | 49.7 | 55.9 | 62.1 | 68.4 |
| 161            | 496         | 40.7 | 41.1 | 42.2 | 43.2 | 44.3 | 45.3 | 46.4 | 48.5 | 50.6 | 53.0 | 55.5 | 56.7 | 57.9 | 59.1 | 60.3 | 61.5                | 62.0            | 34.8   | 40.1 | 45.3 | 50.6 | 56.7 | 62.7 | 68.8 |
| 162            | 393         | 41.4 | 41.8 | 42.9 | 44.0 | 45.0 | 46.1 | 47.1 | 49.3 | 51.4 | 53.8 | 56.2 | 57.4 | 58.5 | 59.7 | 60.9 | 62.1                | 62.6            | 35.4   | 40.8 | 46.1 | 51.4 | 57.4 | 63.3 | 69.3 |
| 163            | 345         | 42.1 | 42.5 | 43.6 | 44.7 | 45.8 | 46.9 | 48.0 | 50.1 | 52.3 | 54.6 | 57.0 | 58.2 | 59.3 | 60.5 | 61.7 | 62.8                | 63.3            | 36.0   | 41.5 | 46.9 | 52.3 | 58.1 | 64.0 | 69.8 |
| 164            | 230         | 42.8 | 43.2 | 44.3 | 45.4 | 46.5 | 47.6 | 48.7 | 50.9 | 53.1 | 55.4 | 57.7 | 58.8 | 60.0 | 61.1 | 62.3 | 63.4                | 63.9            | 36.7   | 42.1 | 47.5 | 53.1 | 58.8 | 64.6 | 70.3 |
| 165            | 199         | 43.5 | 43.9 | 45.1 | 46.2 | 47.3 | 48.4 | 49.5 | 51.8 | 54.0 | 56.2 | 58.4 | 59.5 | 60.6 | 61.7 | 62.9 | 64.0                | 64.4            | 37.3   | 42.8 | 48.4 | 54.0 | 59.5 | 65.1 | 70.6 |
| 166            | 140         | 44.3 | 44.8 | 45.9 | 47.0 | 48.1 | 49.3 | 50.4 | 52.6 | 54.9 | 57.0 | 59.2 | 60.3 | 61.3 | 62.4 | 63.5 | 64.6                | 65.0            | 38.0   | 43.6 | 49.3 | 54.9 | 60.3 | 65.6 | 71.0 |
| 167            | 98          | 45.0 | 45.5 | 46.6 | 47.8 | 48.9 | 50.1 | 51.3 | 53.6 | 55.9 | 58.0 | 60.0 | 61.1 | 62.1 | 63.1 | 64.2 | 65.2                | 65.6            | 38.5   | 44.3 | 50.1 | 55.9 | 61.1 | 66.2 | 71.4 |
| 168            | 71          | 45.8 | 46.3 | 47.4 | 48.6 | 49.8 | 50.9 | 52.1 | 54.5 | 56.8 | 58.8 | 60.8 | 61.7 | 62.7 | 63.7 | 64.7 | 65.7                | 66.1            | 39.3   | 45.1 | 51.0 | 56.8 | 61.7 | 66.7 | 71.6 |
| 169            | 36          | 46.6 | 47.1 | 48.3 | 49.4 | 50.6 | 51.8 | 53.0 | 55.3 | 57.7 | 59.6 | 61.5 | 62.5 | 63.4 | 64.4 | 65.4 | 66.3                | 66.7            | 40.0   | 45.9 | 51.8 | 57.7 | 62.5 | 67.3 | 72.1 |
| 170            | 28          | 47.5 | 48.0 | 49.2 | 50.4 | 51.6 | 52.7 | 53.9 | 56.3 | 58.7 | 60.5 | 62.3 | 63.2 | 64.1 | 65.0 | 65.9 | 66.8                | 67.2            | 40.8   | 46.8 | 52.7 | 58.7 | 63.2 | 67.7 | 72.3 |

TABLE 11. WEIGHT BY HEIGHT : GIRLS

Fig .1 Length of boys aged 0-23 months at different percentiles

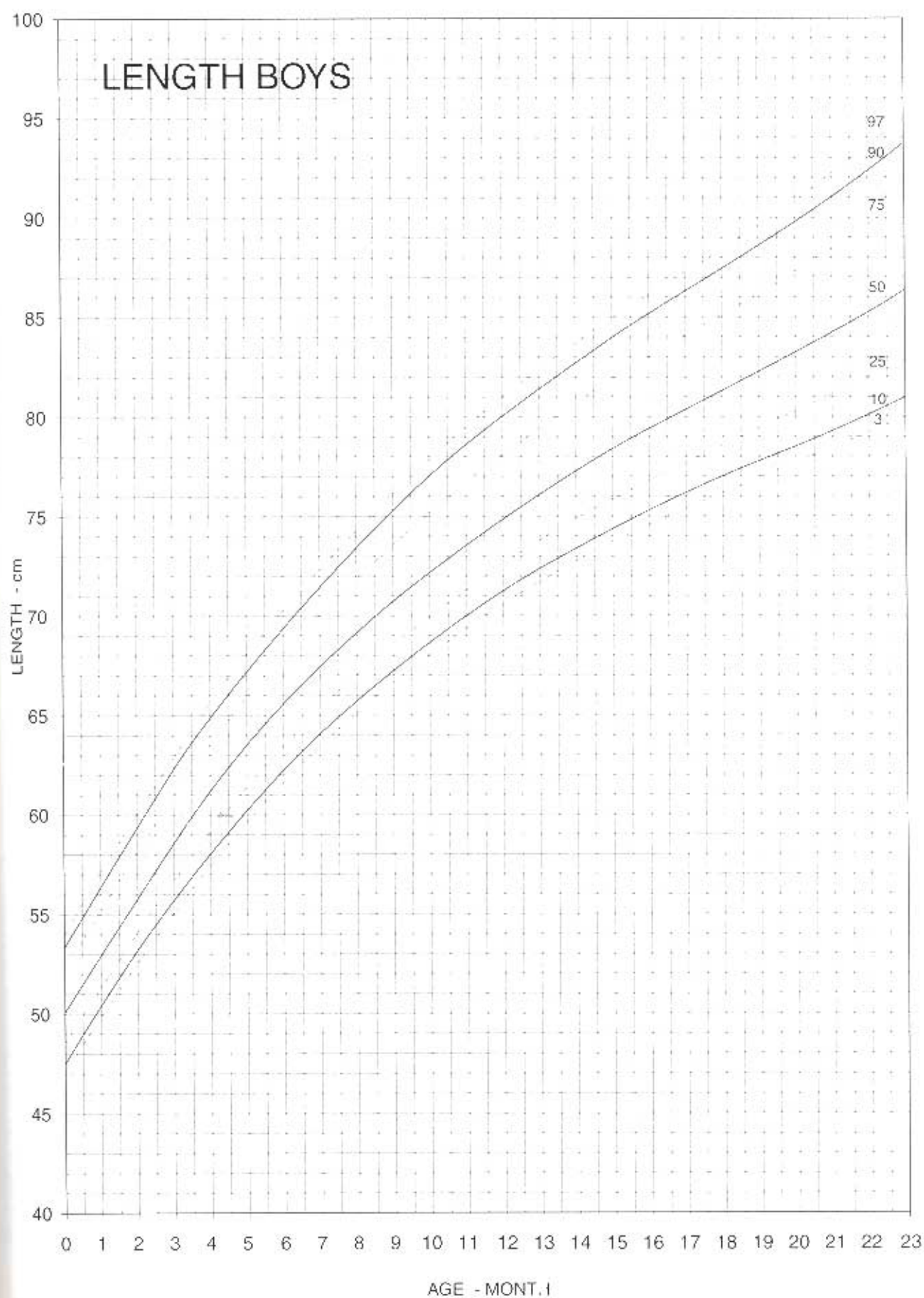


Fig.2 Height of boys aged 2-19 years at different percentiles

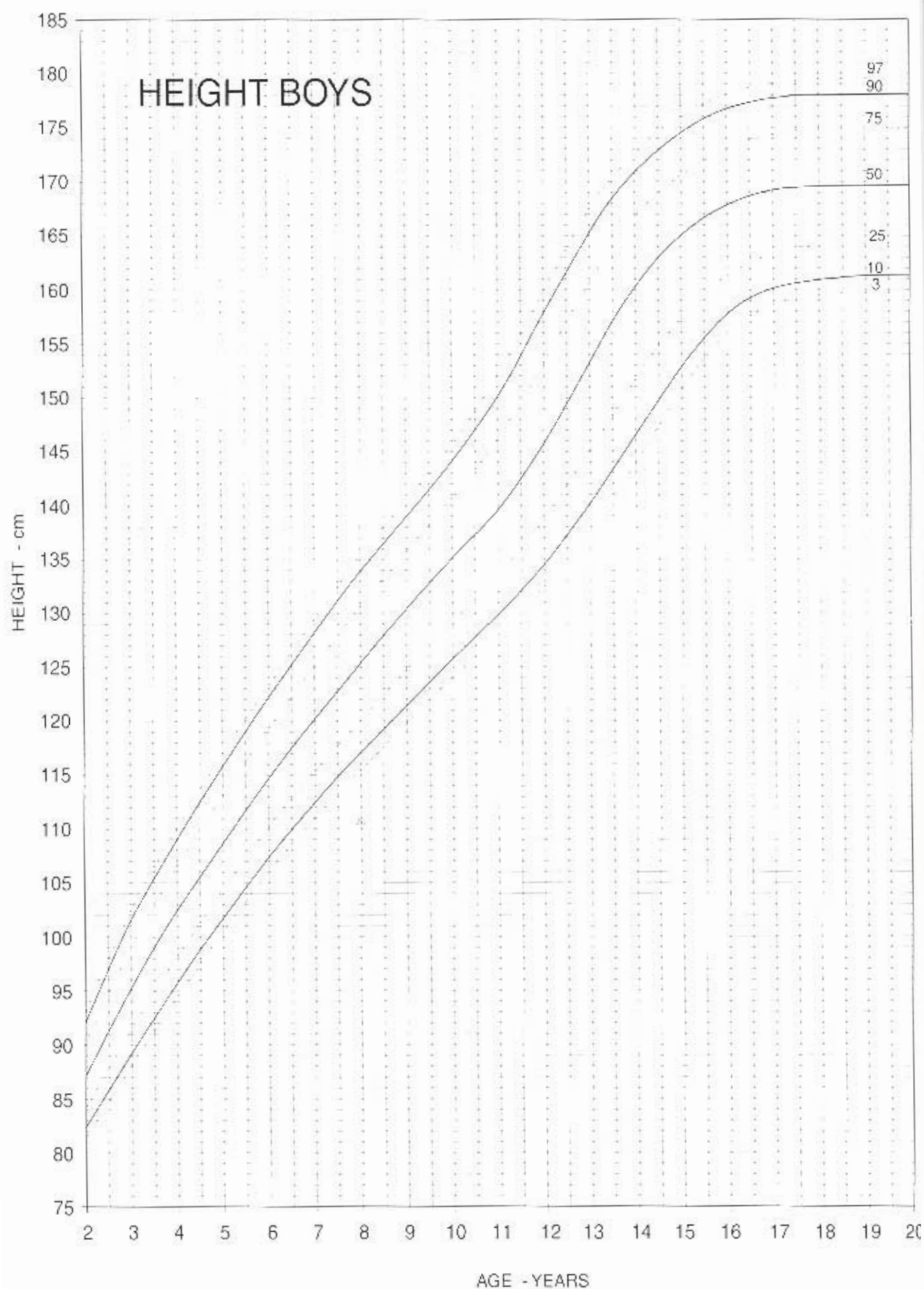


Fig.3 Length of girls aged 0-23 months at different percentiles

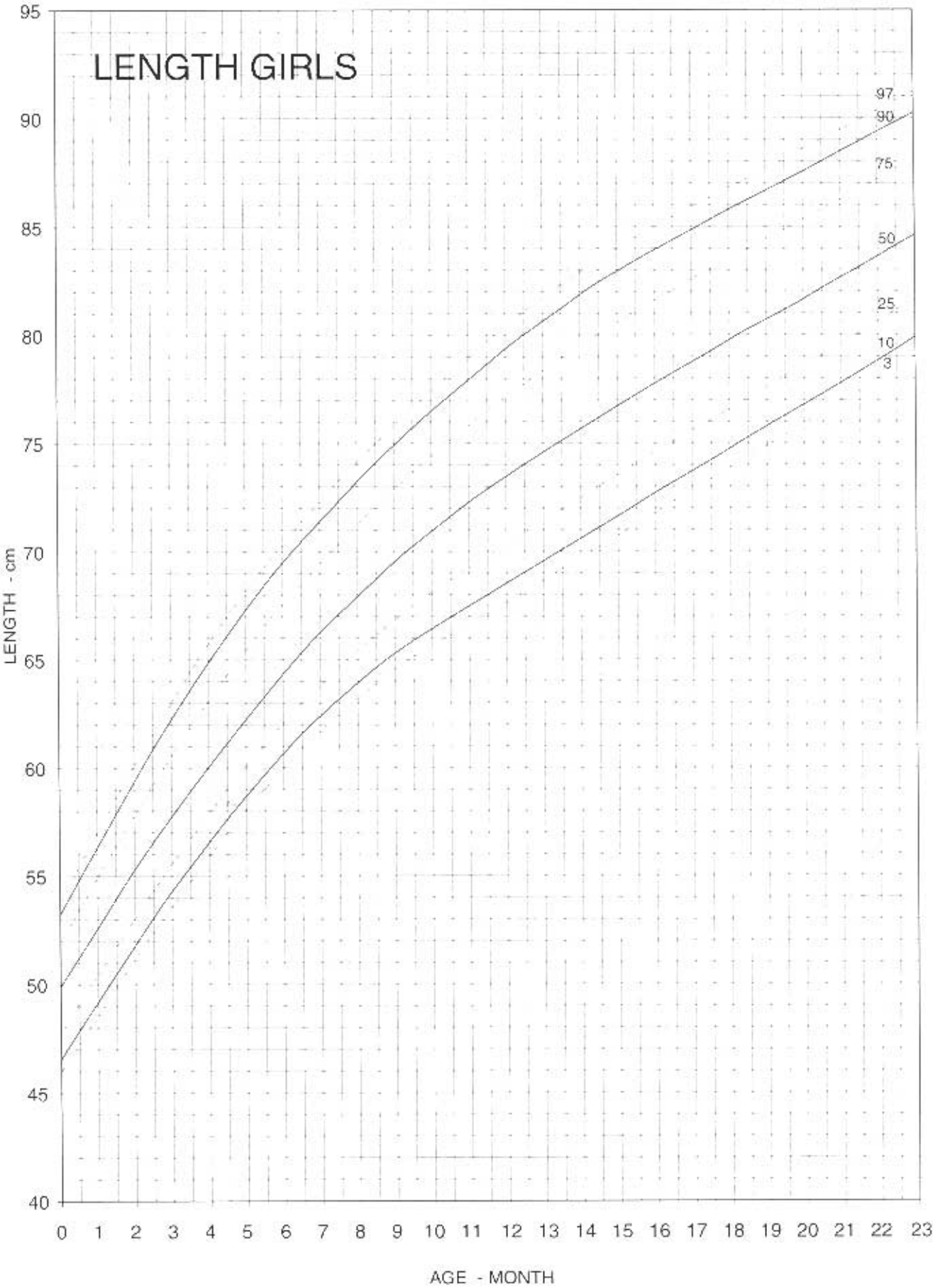


Fig.4 Height of girls aged 2-19 years at different percentiles

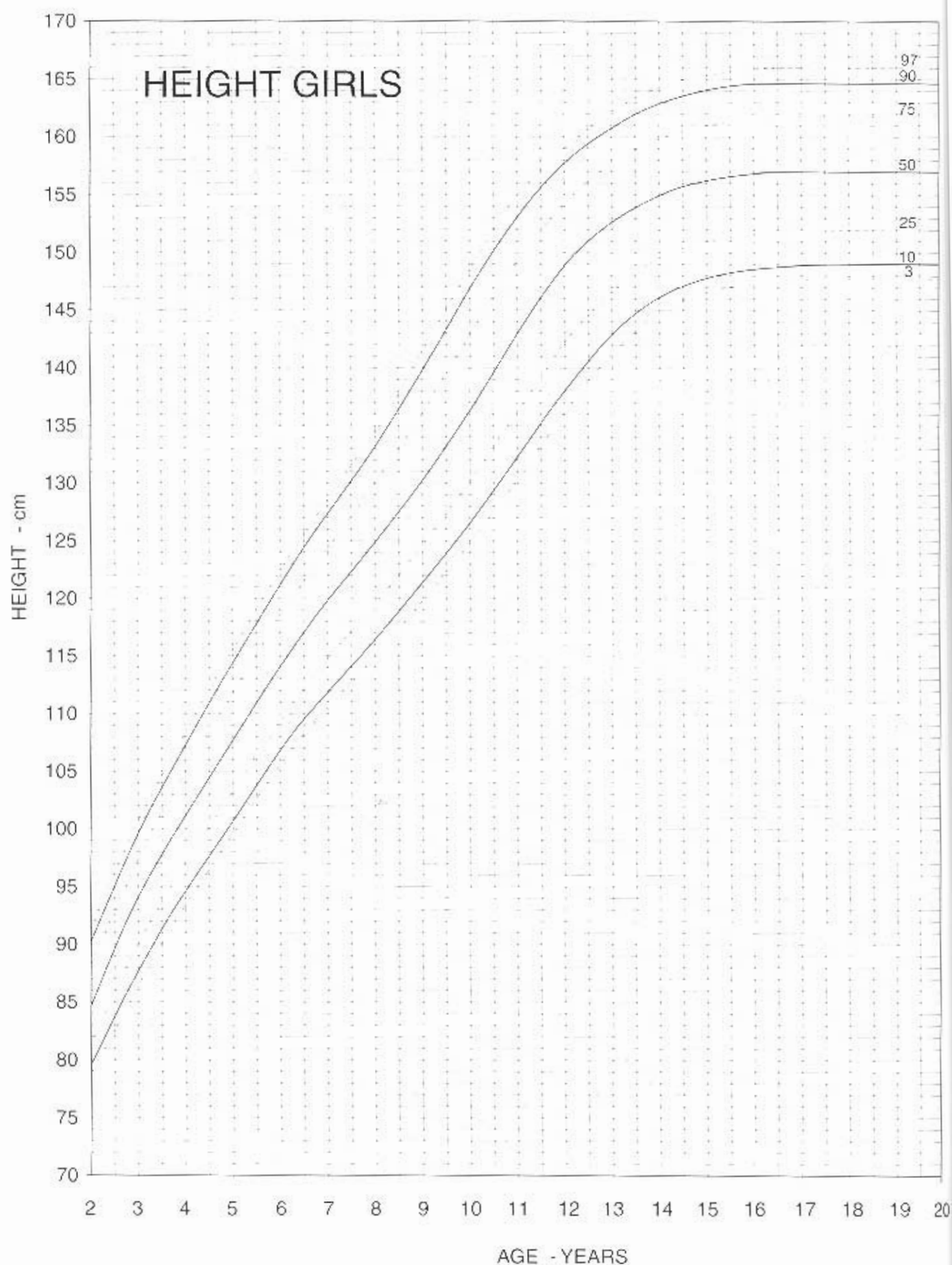


Fig.5 Weight of boys aged 0-5 years at different percentiles

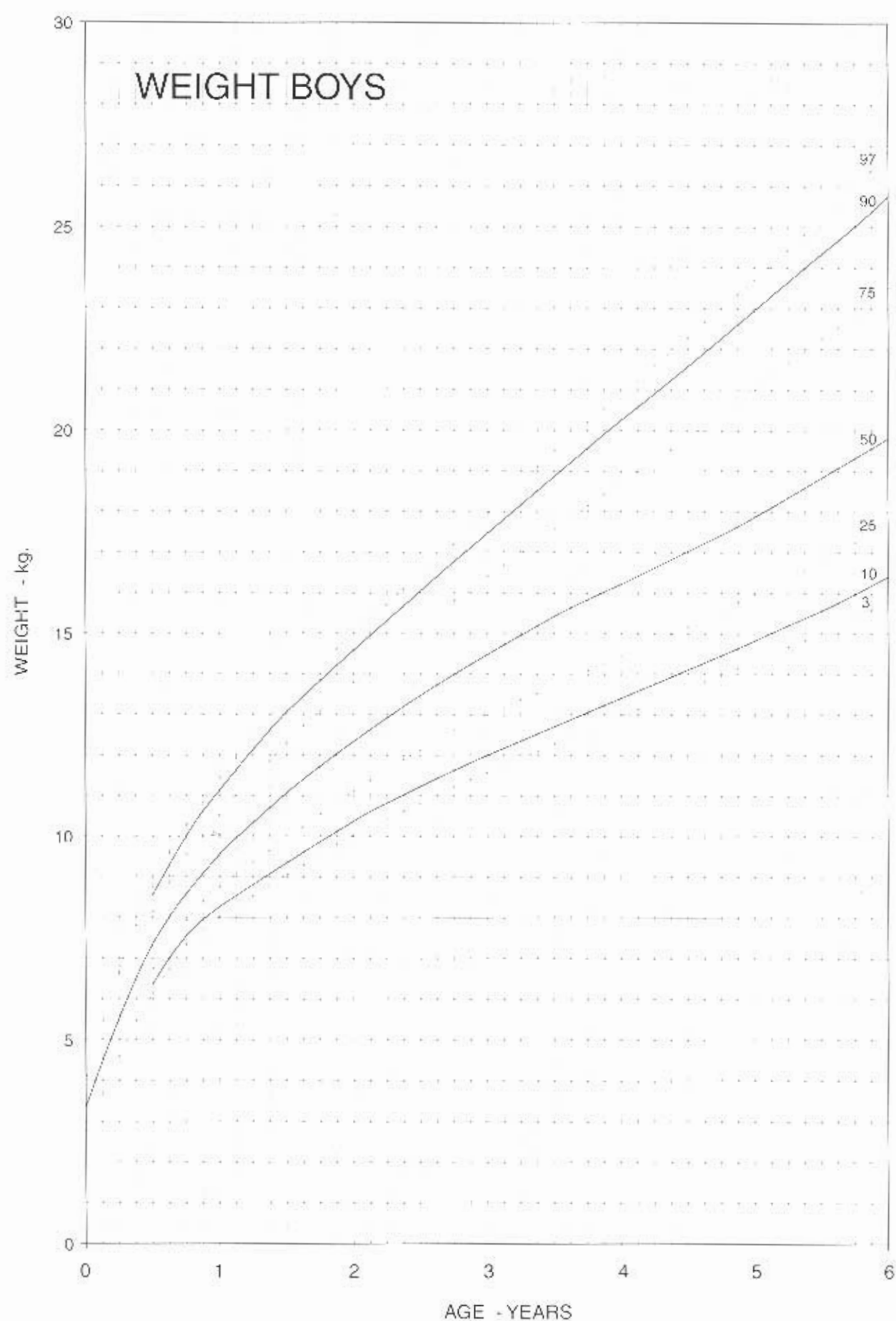


Fig. 6 Weight of boys aged 6-19 years at different percentiles

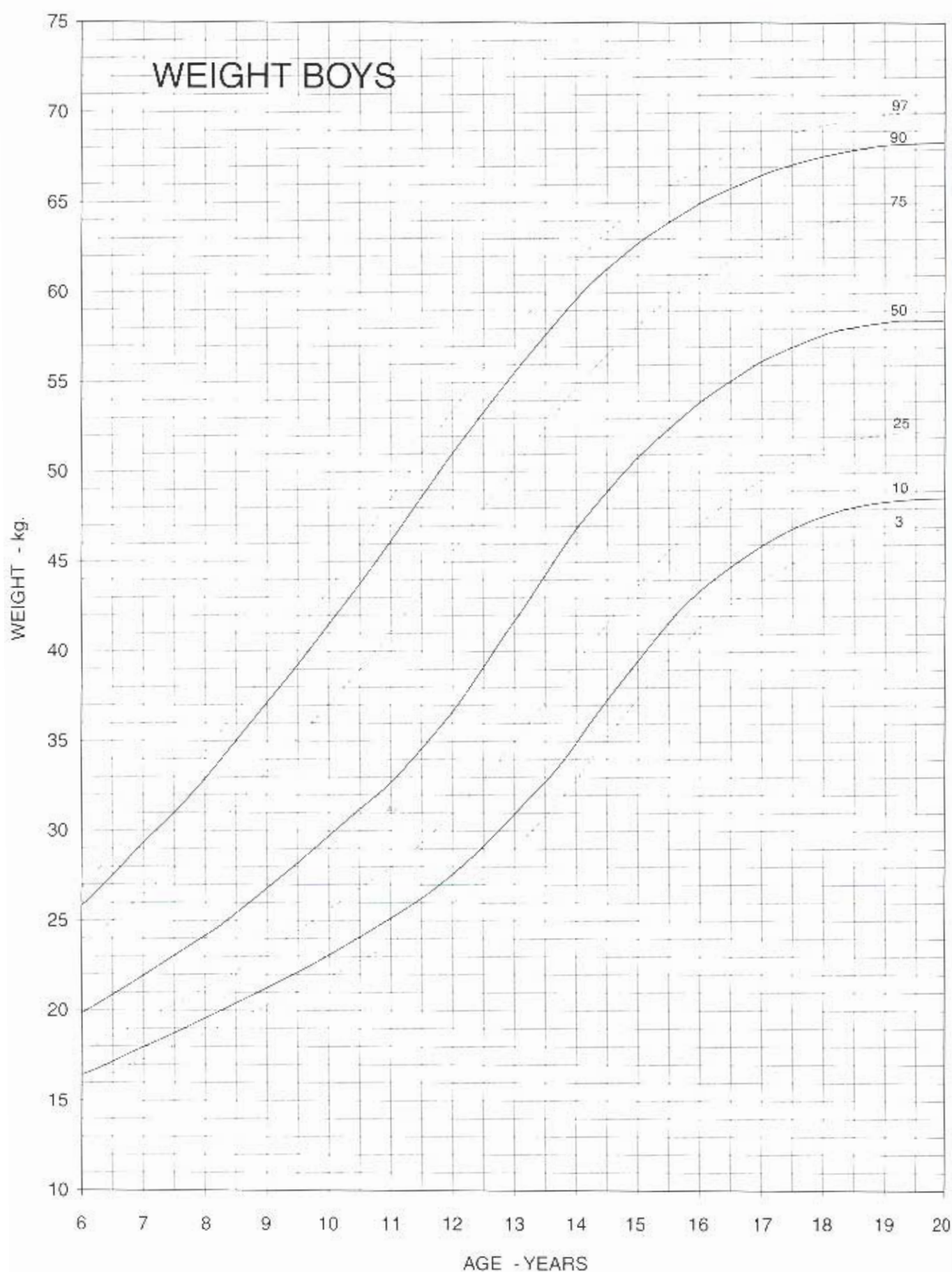


Fig. 7 Weight of girls aged 0-5 years at different percentiles

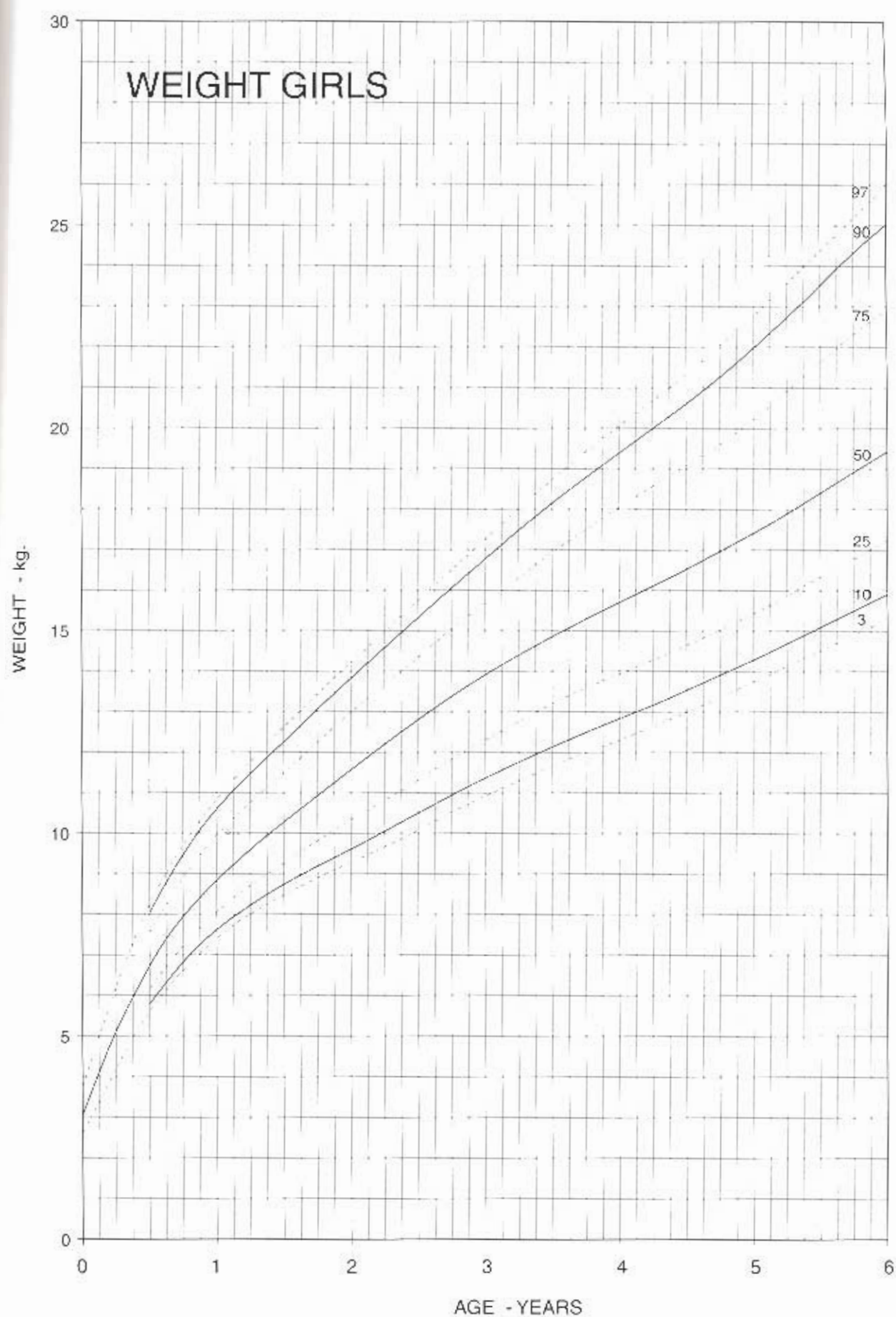


Fig. 8 Weight of girls aged 6-19 years at different percentiles

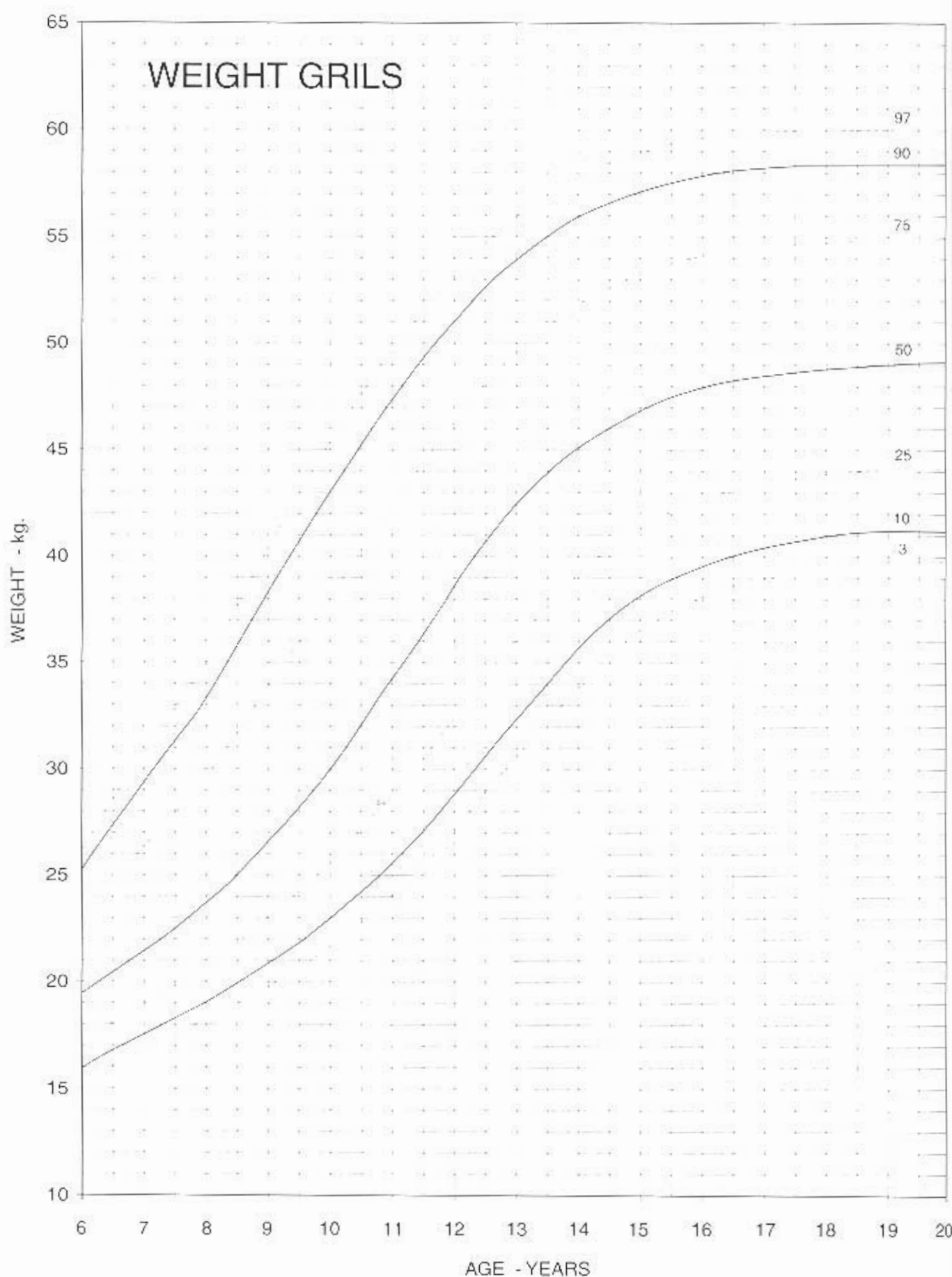


Fig. 9 Weight by height of boys aged 2-19 years at different percentiles

# WEIGHT FOR HEIGHT BOYS

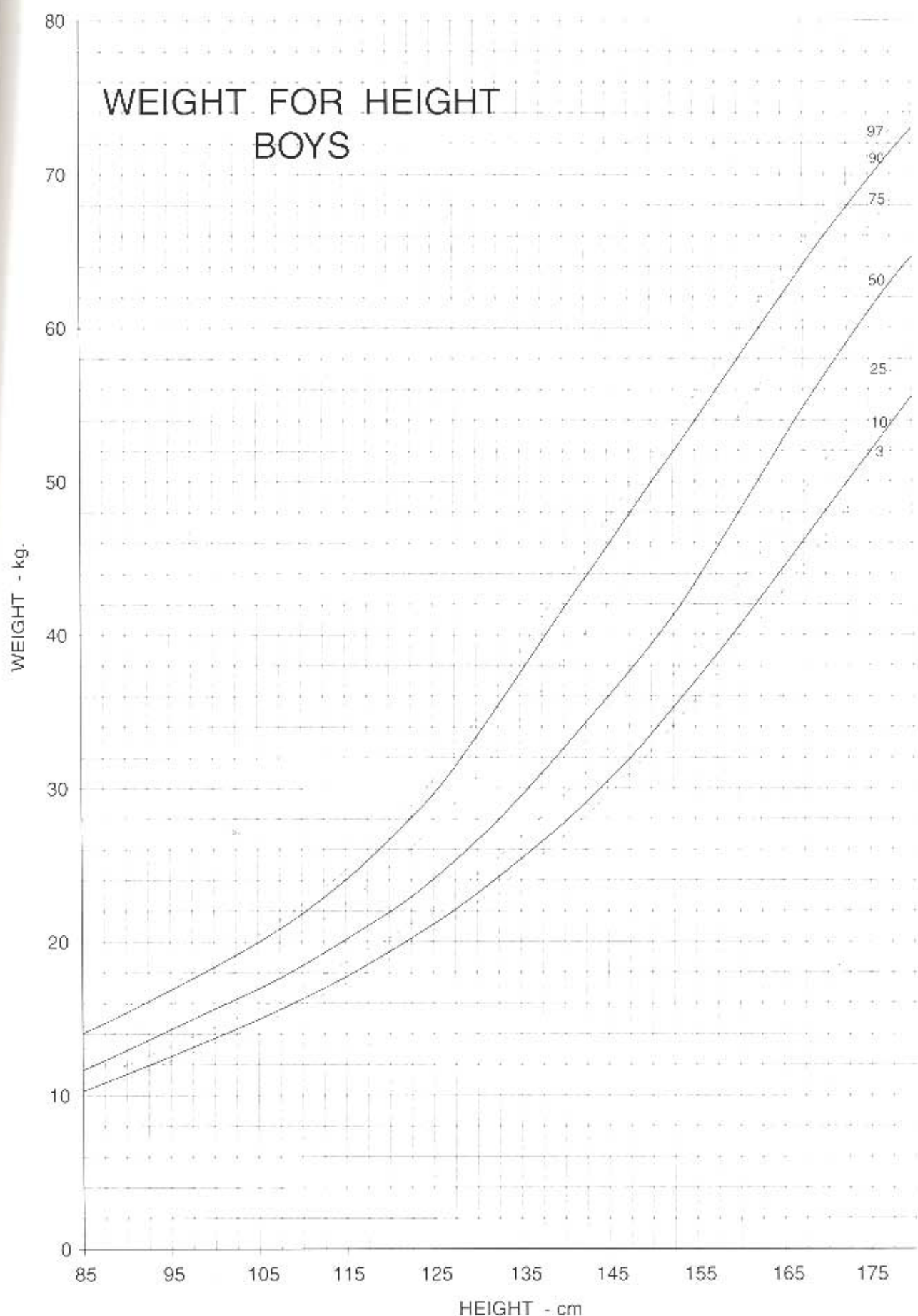


Fig.10 Weight by height of girls aged 2-19 years at different percentiles

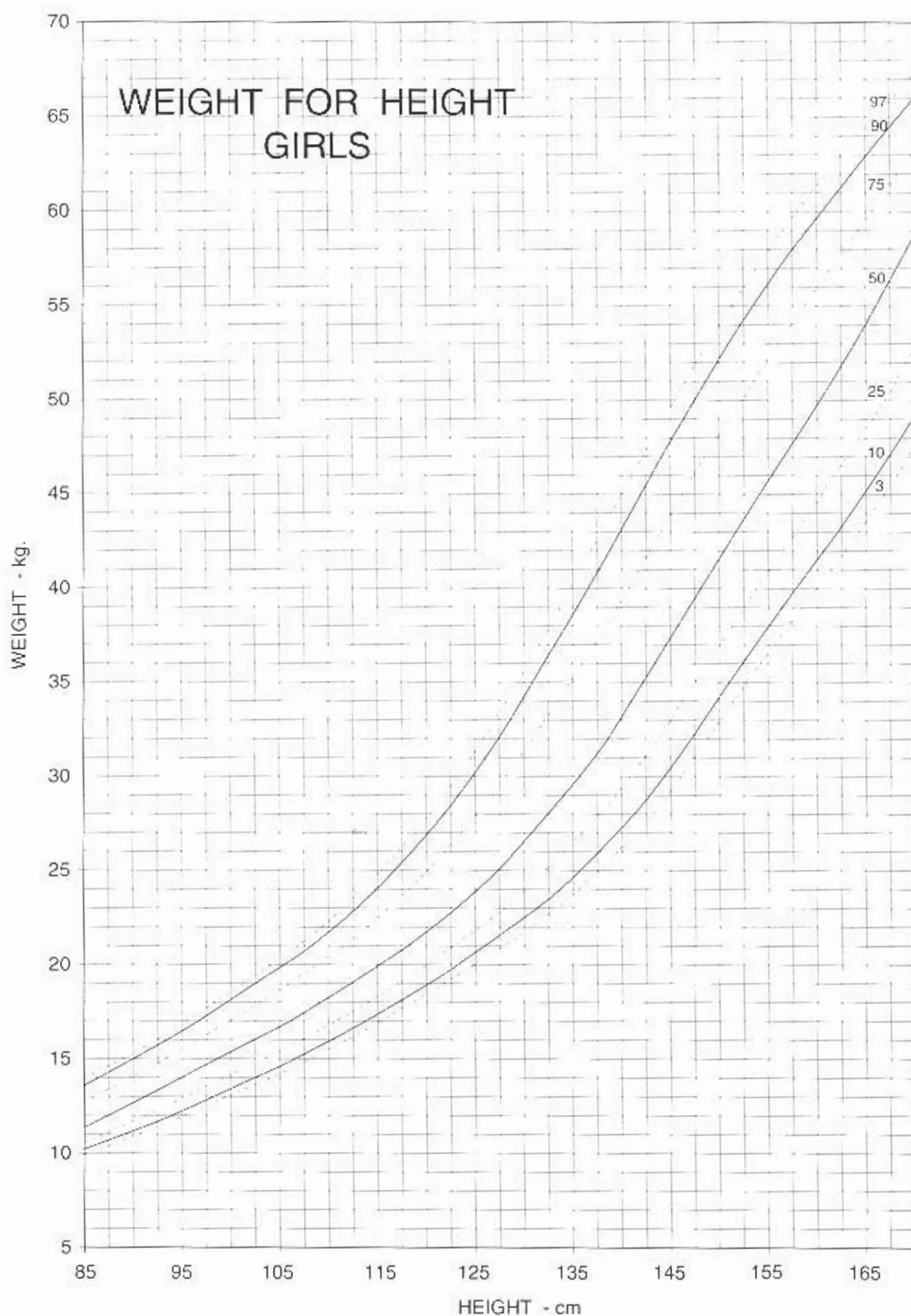


Fig.11 YEARLY GAIN IN HEIGHT OF BOYS AND GIRLS

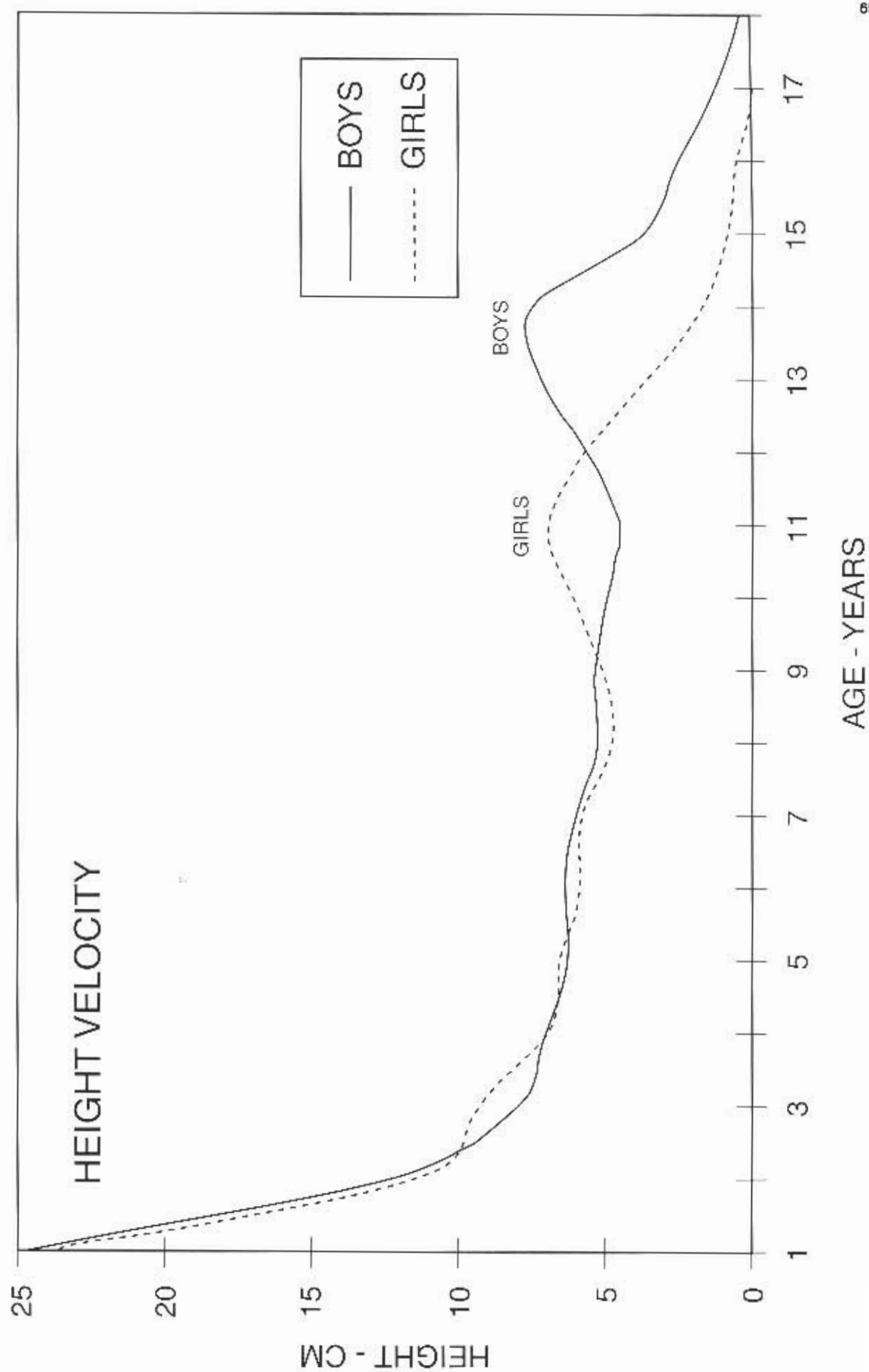


Fig.12 YEARLY GAIN IN WEIGHT OF BOYS AND GIRLS

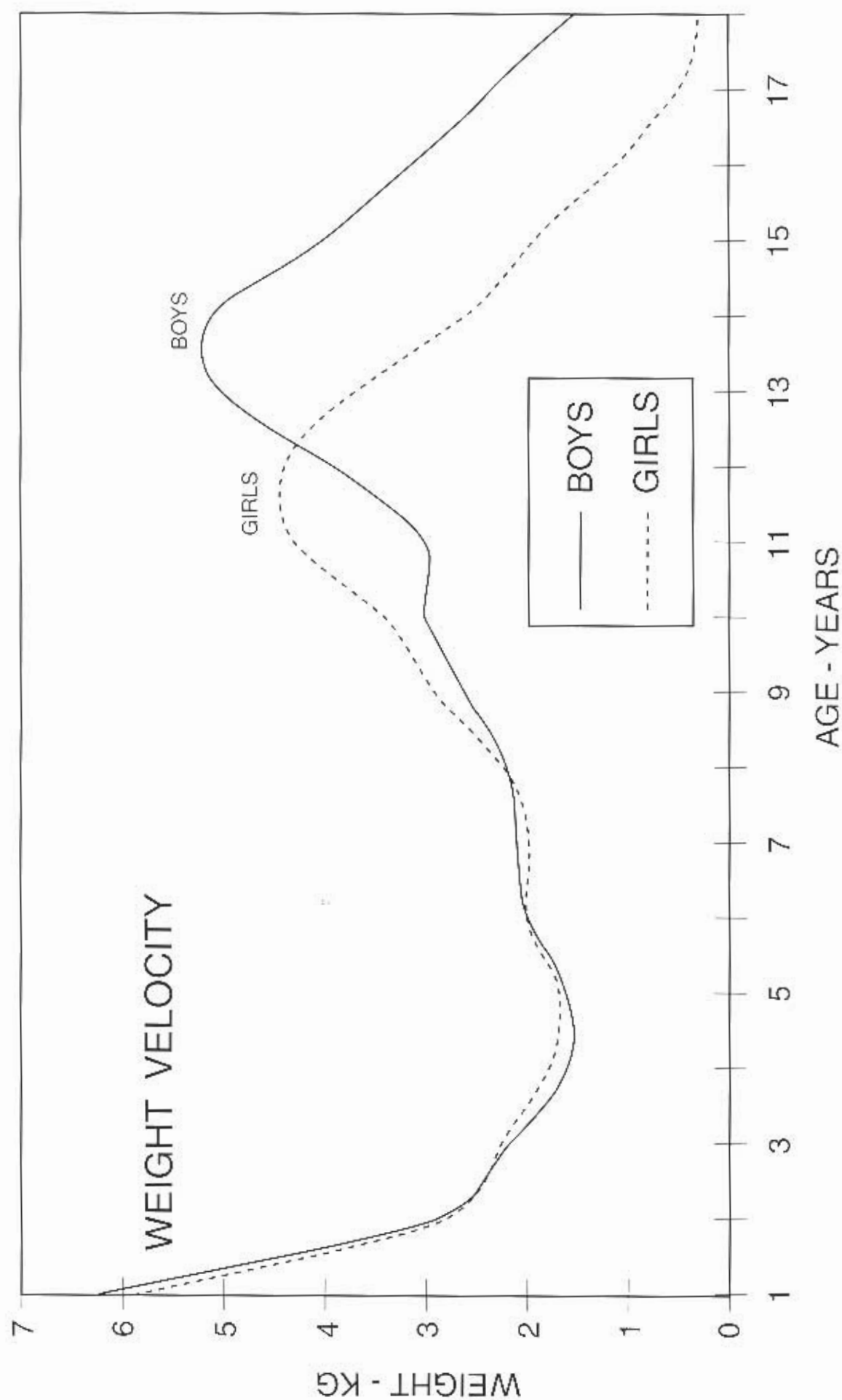


TABLE 12. HEAD CIRCUMFERENCE : BOYS

| อายุ<br>ปี เดือน |     | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|------------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|                  |     | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0                | 113 | 31.6        | 31.7 | 32.0 | 32.3 | 32.5 | 32.8 | 33.1 | 33.6 | 34.2 | 34.6 | 35.0 | 35.2 | 35.3 | 35.5 | 35.7 | 35.9 | 36.0                | 36.0 | 30.1 | 31.4 | 32.8 | 34.2   | 35.2 | 36.1 | 37.1 |
| 1                | 19  | 33.2        | 33.3 | 33.6 | 33.8 | 34.1 | 34.4 | 34.6 | 35.2 | 35.7 | 36.1 | 36.6 | 36.8 | 37.0 | 37.2 | 37.4 | 37.6 | 37.7                | 37.7 | 31.7 | 33.0 | 34.4 | 35.7   | 36.8 | 37.8 | 38.9 |
| 2                | 72  | 34.7        | 34.8 | 35.1 | 35.3 | 35.6 | 35.9 | 36.1 | 36.7 | 37.2 | 37.6 | 38.1 | 38.3 | 38.5 | 38.8 | 39.0 | 39.2 | 39.3                | 39.3 | 33.2 | 34.5 | 35.9 | 37.2   | 38.3 | 39.4 | 40.5 |
| 3                | 13  | 36.1        | 36.2 | 36.5 | 36.7 | 37.0 | 37.3 | 37.5 | 38.1 | 38.6 | 39.1 | 39.5 | 39.8 | 40.0 | 40.2 | 40.5 | 40.7 | 40.8                | 40.8 | 34.6 | 35.9 | 37.3 | 38.6   | 39.8 | 40.9 | 42.1 |
| 4                | 58  | 37.4        | 37.5 | 37.8 | 38.0 | 38.3 | 38.6 | 38.8 | 39.4 | 39.9 | 40.4 | 40.9 | 41.1 | 41.4 | 41.6 | 41.9 | 42.1 | 42.2                | 42.2 | 35.9 | 37.2 | 38.6 | 39.9   | 41.1 | 42.3 | 43.6 |
| 5                | 28  | 38.6        | 38.7 | 39.0 | 39.2 | 39.5 | 39.7 | 40.0 | 40.5 | 41.0 | 41.5 | 42.0 | 42.3 | 42.5 | 42.8 | 43.0 | 43.3 | 43.4                | 43.4 | 37.2 | 38.4 | 39.7 | 41.0   | 42.3 | 43.6 | 44.8 |
| 6                | 56  | 39.5        | 39.6 | 39.9 | 40.1 | 40.4 | 40.7 | 40.9 | 41.5 | 42.0 | 42.5 | 43.1 | 43.3 | 43.6 | 43.9 | 44.1 | 44.4 | 44.5                | 44.5 | 38.0 | 39.3 | 40.7 | 42.0   | 43.3 | 44.7 | 46.0 |
| 7                | 15  | 40.5        | 40.6 | 40.8 | 41.1 | 41.3 | 41.6 | 41.8 | 42.3 | 42.8 | 43.4 | 43.9 | 44.2 | 44.5 | 44.7 | 45.0 | 45.3 | 45.4                | 45.4 | 39.1 | 40.4 | 41.6 | 42.8   | 44.2 | 45.6 | 46.9 |
| 8                | 13  | 41.3        | 41.4 | 41.6 | 41.9 | 42.1 | 42.3 | 42.6 | 43.0 | 43.5 | 44.1 | 44.6 | 44.9 | 45.2 | 45.5 | 45.8 | 46.1 | 46.2                | 46.2 | 40.0 | 41.2 | 42.3 | 43.5   | 44.9 | 46.4 | 47.8 |
| 9                | 50  | 41.9        | 42.0 | 42.2 | 42.5 | 42.7 | 42.9 | 43.2 | 43.6 | 44.1 | 44.7 | 45.2 | 45.5 | 45.8 | 46.1 | 46.4 | 46.7 | 46.8                | 46.8 | 40.6 | 41.8 | 42.9 | 44.1   | 45.5 | 47.0 | 48.4 |
| 10               | 24  | 42.3        | 42.4 | 42.7 | 42.9 | 43.2 | 43.4 | 43.7 | 44.2 | 44.7 | 45.3 | 45.8 | 46.1 | 46.4 | 46.6 | 46.9 | 47.2 | 47.3                | 47.3 | 40.9 | 42.1 | 43.4 | 44.7   | 46.1 | 47.5 | 48.8 |
| 11               | 14  | 42.7        | 42.8 | 43.1 | 43.3 | 43.6 | 43.8 | 44.1 | 44.6 | 45.1 | 45.7 | 46.2 | 46.5 | 46.8 | 47.0 | 47.3 | 47.6 | 47.7                | 47.7 | 41.3 | 42.5 | 43.8 | 45.1   | 46.5 | 47.9 | 49.2 |
| 1                | 0   | 43.1        | 43.2 | 43.5 | 43.7 | 44.0 | 44.3 | 44.5 | 45.1 | 45.6 | 46.1 | 46.6 | 46.9 | 47.2 | 47.4 | 47.7 | 47.9 | 48.1                | 48.1 | 41.6 | 42.9 | 44.3 | 45.6   | 46.9 | 48.2 | 49.5 |
| 1                | 1   | 43.4        | 43.5 | 43.8 | 44.1 | 44.3 | 44.6 | 44.9 | 45.4 | 46.0 | 46.5 | 47.0 | 47.2 | 47.5 | 47.7 | 48.0 | 48.2 | 48.3                | 48.3 | 41.9 | 43.2 | 44.6 | 46.0   | 47.2 | 48.5 | 49.7 |
| 1                | 2   | 43.7        | 43.8 | 44.1 | 44.4 | 44.6 | 44.9 | 45.2 | 45.7 | 46.3 | 46.7 | 47.2 | 47.5 | 47.7 | 48.0 | 48.2 | 48.5 | 48.6                | 48.6 | 42.2 | 43.5 | 44.9 | 46.3   | 47.5 | 48.7 | 49.9 |
| 1                | 3   | 43.9        | 44.0 | 44.3 | 44.6 | 44.8 | 45.1 | 45.4 | 46.0 | 46.5 | 47.0 | 47.5 | 47.7 | 48.0 | 48.2 | 48.5 | 48.7 | 48.8                | 48.8 | 42.3 | 43.7 | 45.1 | 46.5   | 47.7 | 48.9 | 50.2 |
| 1                | 4   | 44.1        | 44.2 | 44.5 | 44.8 | 45.1 | 45.3 | 45.6 | 46.2 | 46.8 | 47.2 | 47.7 | 48.0 | 48.2 | 48.4 | 48.7 | 48.9 | 49.0                | 49.0 | 42.5 | 43.9 | 45.3 | 46.8   | 48.0 | 49.2 | 50.4 |
| 1                | 5   | 44.3        | 44.4 | 44.7 | 45.0 | 45.3 | 45.6 | 45.8 | 46.4 | 47.0 | 47.5 | 47.9 | 48.2 | 48.4 | 48.7 | 48.9 | 49.1 | 49.2                | 49.2 | 42.7 | 44.1 | 45.6 | 47.0   | 48.2 | 49.4 | 50.6 |
| 1                | 6   | 44.5        | 44.6 | 44.9 | 45.2 | 45.5 | 45.8 | 46.0 | 46.6 | 47.2 | 47.7 | 48.2 | 48.4 | 48.6 | 48.9 | 49.1 | 49.4 | 49.5                | 49.5 | 42.9 | 44.3 | 45.8 | 47.2   | 48.4 | 49.6 | 50.8 |
| 1                | 7   | 44.7        | 44.8 | 45.1 | 45.4 | 45.7 | 46.0 | 46.2 | 46.8 | 47.4 | 47.9 | 48.4 | 48.6 | 48.8 | 49.1 | 49.3 | 49.6 | 49.7                | 49.7 | 43.1 | 44.5 | 46.0 | 47.4   | 48.6 | 49.8 | 51.0 |
| 1                | 8   | 44.9        | 45.0 | 45.3 | 45.6 | 45.9 | 46.2 | 46.4 | 47.0 | 47.6 | 48.1 | 48.5 | 48.8 | 49.0 | 49.3 | 49.5 | 49.8 | 49.8                | 49.8 | 43.3 | 44.7 | 46.2 | 47.6   | 48.8 | 50.0 | 51.2 |
| 1                | 9   | 45.1        | 45.2 | 45.5 | 45.8 | 46.1 | 46.3 | 46.6 | 47.2 | 47.7 | 48.2 | 48.7 | 49.0 | 49.2 | 49.5 | 49.7 | 49.9 | 50.0                | 50.0 | 43.5 | 44.9 | 46.3 | 47.7   | 49.0 | 50.2 | 51.4 |
| 1                | 10  | 45.3        | 45.4 | 45.7 | 46.0 | 46.2 | 46.5 | 46.8 | 47.3 | 47.9 | 48.4 | 48.9 | 49.1 | 49.4 | 49.6 | 49.9 | 50.1 | 50.2                | 50.2 | 43.8 | 45.1 | 46.5 | 47.9   | 49.1 | 50.4 | 51.6 |
| 1                | 11  | 45.5        | 45.6 | 45.8 | 46.1 | 46.4 | 46.7 | 46.9 | 47.5 | 48.0 | 48.5 | 49.0 | 49.3 | 49.5 | 49.8 | 50.0 | 50.3 | 50.4                | 50.4 | 43.9 | 45.3 | 46.7 | 48.0   | 49.3 | 50.5 | 51.8 |

ตารางที่ 12 เส้นรอบศีรษะ 0-5 ปี เพศชาย

TABLE 12. HEAD CIRCUMFERENCE : BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 2                | 0  | 41          | 45.6 | 45.7 | 46.0 | 46.3 | 46.5 | 46.8 | 47.1 | 47.6 | 48.2 | 48.7 | 49.2 | 49.4 | 49.7 | 49.9 | 50.2                | 50.4 | 50.5 | 44.1 | 45.4 | 46.8 | 48.2   | 49.4 | 50.7 | 52.0 |
| 2                | 1  | 19          | 45.7 | 45.8 | 46.1 | 46.4 | 46.6 | 46.9 | 47.2 | 47.8 | 48.3 | 48.8 | 49.3 | 49.6 | 49.8 | 50.1 | 50.3                | 50.6 | 50.7 | 44.2 | 45.5 | 46.9 | 48.3   | 49.6 | 50.9 | 52.1 |
| 2                | 2  | 29          | 45.8 | 45.9 | 46.2 | 46.5 | 46.8 | 47.0 | 47.3 | 47.9 | 48.4 | 49.0 | 49.5 | 49.7 | 50.0 | 50.2 | 50.5                | 50.7 | 50.8 | 44.3 | 45.7 | 47.0 | 48.4   | 49.7 | 51.0 | 52.3 |
| 2                | 3  | 34          | 45.9 | 46.0 | 46.3 | 46.6 | 46.9 | 47.2 | 47.4 | 48.0 | 48.6 | 49.1 | 49.6 | 49.8 | 50.1 | 50.4 | 50.6                | 50.9 | 51.0 | 44.4 | 45.8 | 47.2 | 48.6   | 49.8 | 51.1 | 52.4 |
| 2                | 4  | 40          | 46.1 | 46.2 | 46.5 | 46.7 | 47.0 | 47.3 | 47.6 | 48.1 | 48.7 | 49.2 | 49.7 | 50.0 | 50.2 | 50.5 | 50.8                | 51.0 | 51.1 | 44.5 | 45.9 | 47.3 | 48.7   | 50.0 | 51.3 | 52.6 |
| 2                | 5  | 36          | 46.2 | 46.3 | 46.6 | 46.9 | 47.1 | 47.4 | 47.7 | 48.2 | 48.8 | 49.3 | 49.8 | 50.1 | 50.4 | 50.6 | 50.9                | 51.1 | 51.2 | 44.7 | 46.0 | 47.4 | 48.8   | 50.1 | 51.4 | 52.7 |
| 2                | 6  | 50          | 46.3 | 46.4 | 46.7 | 47.0 | 47.3 | 47.5 | 47.8 | 48.3 | 48.9 | 49.4 | 49.9 | 50.2 | 50.5 | 50.7 | 51.0                | 51.3 | 51.4 | 44.8 | 46.2 | 47.5 | 48.9   | 50.2 | 51.5 | 52.8 |
| 2                | 7  | 55          | 46.5 | 46.6 | 46.8 | 47.1 | 47.4 | 47.6 | 47.9 | 48.5 | 49.0 | 49.5 | 50.0 | 50.3 | 50.6 | 50.8 | 51.1                | 51.4 | 51.5 | 45.0 | 46.3 | 47.6 | 49.0   | 50.3 | 51.6 | 52.9 |
| 2                | 8  | 61          | 46.6 | 46.7 | 47.0 | 47.2 | 47.5 | 47.8 | 48.0 | 48.6 | 49.1 | 49.6 | 50.1 | 50.4 | 50.7 | 50.9 | 51.2                | 51.5 | 51.6 | 45.1 | 46.4 | 47.8 | 49.1   | 50.4 | 51.7 | 53.1 |
| 2                | 9  | 65          | 46.7 | 46.8 | 47.1 | 47.3 | 47.6 | 47.9 | 48.1 | 48.6 | 49.2 | 49.7 | 50.2 | 50.5 | 50.8 | 51.0 | 51.3                | 51.6 | 51.7 | 45.2 | 46.5 | 47.9 | 49.2   | 50.5 | 51.8 | 53.2 |
| 2                | 10 | 59          | 46.8 | 46.9 | 47.1 | 47.4 | 47.7 | 47.9 | 48.2 | 48.7 | 49.3 | 49.8 | 50.3 | 50.6 | 50.9 | 51.1 | 51.4                | 51.7 | 51.8 | 45.3 | 46.6 | 47.9 | 49.3   | 50.6 | 51.9 | 53.3 |
| 2                | 11 | 80          | 46.9 | 47.0 | 47.2 | 47.5 | 47.8 | 48.0 | 48.3 | 48.8 | 49.3 | 49.9 | 50.4 | 50.7 | 51.0 | 51.2 | 51.5                | 51.8 | 51.9 | 45.4 | 46.7 | 48.0 | 49.3   | 50.7 | 52.0 | 53.4 |
| 3                | 0  | 71          | 46.9 | 47.0 | 47.3 | 47.6 | 47.8 | 48.1 | 48.4 | 48.9 | 49.4 | 50.0 | 50.5 | 50.8 | 51.0 | 51.3 | 51.6                | 51.8 | 51.9 | 45.5 | 46.8 | 48.1 | 49.4   | 50.8 | 52.1 | 53.4 |
| 3                | 1  | 75          | 47.0 | 47.1 | 47.4 | 47.7 | 47.9 | 48.2 | 48.4 | 49.0 | 49.5 | 50.0 | 50.6 | 50.8 | 51.1 | 51.4 | 51.7                | 51.9 | 52.0 | 45.5 | 46.9 | 48.2 | 49.5   | 50.8 | 52.2 | 53.5 |
| 3                | 2  | 82          | 47.1 | 47.2 | 47.5 | 47.7 | 48.0 | 48.3 | 48.5 | 49.0 | 49.6 | 50.1 | 50.6 | 50.9 | 51.2 | 51.5 | 51.7                | 52.0 | 52.1 | 45.6 | 46.9 | 48.3 | 49.6   | 50.9 | 52.3 | 53.6 |
| 3                | 3  | 97          | 47.2 | 47.3 | 47.5 | 47.8 | 48.1 | 48.3 | 48.6 | 49.1 | 49.6 | 50.2 | 50.7 | 51.0 | 51.3 | 51.5 | 51.8                | 52.1 | 52.2 | 45.7 | 47.0 | 48.3 | 49.6   | 51.0 | 52.3 | 53.7 |
| 3                | 4  | 104         | 47.2 | 47.4 | 47.6 | 47.9 | 48.1 | 48.4 | 48.7 | 49.2 | 49.7 | 50.2 | 50.8 | 51.1 | 51.3 | 51.6 | 51.9                | 52.1 | 52.3 | 45.8 | 47.1 | 48.4 | 49.7   | 51.1 | 52.4 | 53.8 |
| 3                | 5  | 95          | 47.3 | 47.4 | 47.7 | 47.9 | 48.2 | 48.5 | 48.7 | 49.2 | 49.8 | 50.3 | 50.9 | 51.1 | 51.4 | 51.7 | 51.9                | 52.2 | 52.3 | 45.9 | 47.2 | 48.5 | 49.8   | 51.1 | 52.5 | 53.9 |
| 3                | 6  | 92          | 47.4 | 47.5 | 47.7 | 48.0 | 48.3 | 48.5 | 48.8 | 49.3 | 49.8 | 50.4 | 50.9 | 51.2 | 51.5 | 51.7 | 52.0                | 52.3 | 52.4 | 45.9 | 47.2 | 48.5 | 49.8   | 51.2 | 52.6 | 53.9 |
| 3                | 7  | 105         | 47.4 | 47.5 | 47.8 | 48.0 | 48.3 | 48.6 | 48.8 | 49.4 | 49.9 | 50.4 | 51.0 | 51.3 | 51.5 | 51.8 | 52.1                | 52.4 | 52.5 | 46.0 | 47.3 | 48.6 | 49.9   | 51.3 | 52.6 | 54.0 |
| 3                | 8  | 103         | 47.5 | 47.6 | 47.8 | 48.1 | 48.4 | 48.6 | 48.9 | 49.4 | 49.9 | 50.5 | 51.0 | 51.3 | 51.6 | 51.9 | 52.1                | 52.4 | 52.5 | 46.0 | 47.3 | 48.6 | 49.9   | 51.3 | 52.7 | 54.1 |
| 3                | 9  | 108         | 47.5 | 47.6 | 47.9 | 48.1 | 48.4 | 48.7 | 48.9 | 49.5 | 50.0 | 50.5 | 51.1 | 51.4 | 51.6 | 51.9 | 52.2                | 52.5 | 52.6 | 46.0 | 47.3 | 48.7 | 50.0   | 51.4 | 52.8 | 54.2 |
| 3                | 10 | 92          | 47.5 | 47.6 | 47.9 | 48.2 | 48.4 | 48.7 | 49.0 | 49.5 | 50.0 | 50.6 | 51.1 | 51.4 | 51.7 | 52.0 | 52.3                | 52.5 | 52.7 | 46.1 | 47.4 | 48.7 | 50.0   | 51.4 | 52.8 | 54.2 |
| 3                | 11 | 91          | 47.6 | 47.7 | 47.9 | 48.2 | 48.5 | 48.7 | 49.0 | 49.5 | 50.1 | 50.6 | 51.2 | 51.5 | 51.8 | 52.0 | 52.3                | 52.6 | 52.7 | 46.1 | 47.4 | 48.7 | 50.1   | 51.5 | 52.9 | 54.3 |

TABLE 12. HEAD CIRCUMFERENCE : BOYS

| อายุ<br>ปี เดือน | N   | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4 0              | 88  | 47.6        | 47.7 | 48.0 | 48.2 | 48.5 | 48.8 | 49.0 | 49.6 | 50.1 | 50.7 | 51.2 | 51.5 | 51.8 | 52.1 | 52.4 | 52.7 | 52.8                | 46.1 | 47.4 | 48.8 | 50.1   | 51.5 | 53.0 | 54.4 |
| 4 1              | 86  | 47.6        | 47.7 | 48.0 | 48.3 | 48.5 | 48.8 | 49.1 | 49.6 | 50.2 | 50.7 | 51.3 | 51.6 | 51.9 | 52.2 | 52.4 | 52.7 | 52.8                | 46.1 | 47.5 | 48.8 | 50.2   | 51.6 | 53.0 | 54.5 |
| 4 2              | 82  | 47.7        | 47.8 | 48.0 | 48.3 | 48.6 | 48.9 | 49.1 | 49.7 | 50.2 | 50.8 | 51.3 | 51.6 | 51.9 | 52.2 | 52.5 | 52.8 | 52.9                | 46.2 | 47.5 | 48.9 | 50.2   | 51.6 | 53.1 | 54.5 |
| 4 3              | 93  | 47.7        | 47.8 | 48.1 | 48.4 | 48.6 | 48.9 | 49.2 | 49.7 | 50.2 | 50.8 | 51.4 | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.0                | 46.2 | 47.5 | 48.9 | 50.2   | 51.7 | 53.1 | 54.6 |
| 4 4              | 84  | 47.7        | 47.9 | 48.1 | 48.4 | 48.7 | 48.9 | 49.2 | 49.7 | 50.3 | 50.9 | 51.4 | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.0                | 46.2 | 47.6 | 48.9 | 50.3   | 51.7 | 53.2 | 54.7 |
| 4 5              | 102 | 47.8        | 47.9 | 48.2 | 48.4 | 48.7 | 49.0 | 49.2 | 49.8 | 50.3 | 50.9 | 51.5 | 51.8 | 52.1 | 52.4 | 52.7 | 53.0 | 53.1                | 46.3 | 47.6 | 49.0 | 50.3   | 51.8 | 53.3 | 54.7 |
| 4 6              | 96  | 47.8        | 47.9 | 48.2 | 48.5 | 48.7 | 49.0 | 49.3 | 49.8 | 50.3 | 50.9 | 51.5 | 51.8 | 52.1 | 52.4 | 52.7 | 53.0 | 53.1                | 46.3 | 47.7 | 49.0 | 50.3   | 51.8 | 53.3 | 54.8 |
| 4 7              | 94  | 47.9        | 48.0 | 48.2 | 48.5 | 48.8 | 49.0 | 49.3 | 49.8 | 50.4 | 51.0 | 51.6 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.2                | 46.4 | 47.7 | 49.0 | 50.4   | 51.9 | 53.4 | 54.9 |
| 4 8              | 89  | 47.9        | 48.0 | 48.3 | 48.5 | 48.8 | 49.1 | 49.3 | 49.9 | 50.4 | 51.0 | 51.6 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.2                | 46.4 | 47.7 | 49.1 | 50.4   | 51.9 | 53.4 | 54.9 |
| 4 9              | 86  | 47.9        | 48.0 | 48.3 | 48.6 | 48.8 | 49.1 | 49.4 | 49.9 | 50.4 | 51.0 | 51.6 | 51.9 | 52.2 | 52.5 | 52.8 | 53.2 | 53.3                | 46.4 | 47.8 | 49.1 | 50.4   | 51.9 | 53.4 | 55.0 |
| 4 10             | 100 | 48.0        | 48.1 | 48.3 | 48.6 | 48.9 | 49.1 | 49.4 | 49.9 | 50.5 | 51.1 | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.2 | 53.3                | 46.5 | 47.8 | 49.1 | 50.5   | 52.0 | 53.5 | 55.0 |
| 4 11             | 82  | 48.0        | 48.1 | 48.4 | 48.6 | 48.9 | 49.2 | 49.4 | 50.0 | 50.5 | 51.1 | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.2 | 53.3                | 46.5 | 47.8 | 49.2 | 50.5   | 52.0 | 53.5 | 55.0 |
| 5 0              | 84  | 48.0        | 48.1 | 48.4 | 48.7 | 48.9 | 49.2 | 49.5 | 50.0 | 50.5 | 51.1 | 51.7 | 52.0 | 52.3 | 52.6 | 53.0 | 53.3 | 53.4                | 46.6 | 47.9 | 49.2 | 50.5   | 52.0 | 53.6 | 55.1 |
| 5 1              | 96  | 48.1        | 48.2 | 48.4 | 48.7 | 49.0 | 49.2 | 49.5 | 50.0 | 50.6 | 51.2 | 51.8 | 52.1 | 52.4 | 52.7 | 53.0 | 53.3 | 53.4                | 46.6 | 47.9 | 49.2 | 50.6   | 52.1 | 53.6 | 55.1 |
| 5 2              | 82  | 48.1        | 48.2 | 48.5 | 48.7 | 49.0 | 49.3 | 49.5 | 50.1 | 50.6 | 51.2 | 51.8 | 52.1 | 52.4 | 52.7 | 53.0 | 53.3 | 53.4                | 46.6 | 47.9 | 49.3 | 50.6   | 52.1 | 53.6 | 55.1 |
| 5 3              | 97  | 48.1        | 48.2 | 48.5 | 48.8 | 49.0 | 49.3 | 49.6 | 50.1 | 50.6 | 51.2 | 51.8 | 52.1 | 52.4 | 52.7 | 53.0 | 53.3 | 53.4                | 46.6 | 48.0 | 49.3 | 50.6   | 52.1 | 53.6 | 55.1 |
| 5 4              | 97  | 48.2        | 48.3 | 48.5 | 48.8 | 49.1 | 49.3 | 49.6 | 50.1 | 50.6 | 51.2 | 51.8 | 52.1 | 52.4 | 52.7 | 53.0 | 53.3 | 53.5                | 46.7 | 48.0 | 49.3 | 50.6   | 52.1 | 53.6 | 55.1 |
| 5 5              | 90  | 48.2        | 48.3 | 48.6 | 48.8 | 49.1 | 49.3 | 49.6 | 50.1 | 50.7 | 51.3 | 51.9 | 52.2 | 52.5 | 52.8 | 53.0 | 53.3 | 53.5                | 46.7 | 48.0 | 49.3 | 50.7   | 52.2 | 53.6 | 55.1 |
| 5 6              | 89  | 48.2        | 48.3 | 48.6 | 48.8 | 49.1 | 49.4 | 49.6 | 50.2 | 50.7 | 51.3 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.4 | 53.5                | 46.7 | 48.1 | 49.4 | 50.7   | 52.2 | 53.7 | 55.1 |
| 5 7              | 85  | 48.2        | 48.4 | 48.6 | 48.9 | 49.1 | 49.4 | 49.7 | 50.2 | 50.7 | 51.3 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.4 | 53.5                | 46.8 | 48.1 | 49.4 | 50.7   | 52.2 | 53.7 | 55.1 |
| 5 8              | 80  | 48.3        | 48.4 | 48.6 | 48.9 | 49.2 | 49.4 | 49.7 | 50.2 | 50.7 | 51.3 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.4 | 53.5                | 46.8 | 48.1 | 49.4 | 50.7   | 52.2 | 53.7 | 55.1 |
| 5 9              | 101 | 48.3        | 48.4 | 48.7 | 48.9 | 49.2 | 49.4 | 49.7 | 50.2 | 50.8 | 51.3 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.4 | 53.5                | 46.8 | 48.1 | 49.4 | 50.8   | 52.2 | 53.7 | 55.1 |
| 5 10             | 77  | 48.3        | 48.4 | 48.7 | 48.9 | 49.2 | 49.5 | 49.7 | 50.3 | 50.8 | 51.4 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.4 | 53.5                | 46.8 | 48.1 | 49.5 | 50.8   | 52.2 | 53.7 | 55.1 |
| 5 11             | 86  | 48.3        | 48.4 | 48.7 | 48.9 | 49.2 | 49.5 | 49.7 | 50.3 | 50.8 | 51.4 | 51.9 | 52.2 | 52.5 | 52.8 | 53.1 | 53.4 | 53.5                | 46.8 | 48.2 | 49.5 | 50.8   | 52.2 | 53.7 | 55.1 |

ตารางที่ 13 เส้นรอบศีรษะ 0-5 ปี เพศหญิง

TABLE 13. HEAD CIRCUMFERENCE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
|                  | 0  | 96          | 31.0 | 31.1 | 31.4 | 31.6 | 31.9 | 32.2 | 32.4 | 33.0 | 33.5 | 34.0 | 34.6 | 34.8 | 35.1 | 35.4 | 35.6 | 35.9 | 36.0                | 29.5 | 30.8 | 32.2 | 33.5   | 34.8 | 36.2 | 37.5 |
|                  | 1  | 16          | 32.3 | 32.4 | 32.7 | 33.0 | 33.3 | 33.6 | 33.9 | 34.4 | 35.0 | 35.6 | 36.1 | 36.4 | 36.7 | 36.9 | 37.2 | 37.5 | 37.6                | 30.7 | 32.1 | 33.6 | 35.0   | 36.4 | 37.8 | 39.1 |
|                  | 2  | 60          | 33.5 | 33.6 | 33.9 | 34.2 | 34.5 | 34.9 | 35.2 | 35.8 | 36.4 | 37.0 | 37.5 | 37.8 | 38.1 | 38.3 | 38.6 | 38.9 | 39.0                | 31.8 | 33.3 | 34.9 | 36.4   | 37.8 | 39.2 | 40.5 |
|                  | 3  | 13          | 34.8 | 34.9 | 35.2 | 35.6 | 35.9 | 36.2 | 36.5 | 37.2 | 37.8 | 38.4 | 38.9 | 39.2 | 39.5 | 39.7 | 40.0 | 40.3 | 40.4                | 33.0 | 34.5 | 36.2 | 37.8   | 39.2 | 40.6 | 41.9 |
|                  | 4  | 48          | 35.9 | 36.0 | 36.4 | 36.7 | 37.0 | 37.4 | 37.7 | 38.3 | 39.0 | 39.6 | 40.1 | 40.4 | 40.7 | 40.9 | 41.2 | 41.5 | 41.6                | 34.1 | 35.7 | 37.4 | 39.0   | 40.4 | 41.8 | 43.1 |
|                  | 5  | 10          | 37.1 | 37.2 | 37.6 | 37.9 | 38.2 | 38.6 | 38.9 | 39.5 | 40.2 | 40.7 | 41.3 | 41.5 | 41.9 | 42.1 | 42.3 | 42.6 | 42.7                | 35.3 | 36.9 | 38.6 | 40.2   | 41.5 | 42.9 | 44.2 |
|                  | 6  | 37          | 38.1 | 38.2 | 38.6 | 38.9 | 39.2 | 39.6 | 39.9 | 40.5 | 41.2 | 41.7 | 42.3 | 42.5 | 42.8 | 43.1 | 43.3 | 43.6 | 43.7                | 36.3 | 37.9 | 39.6 | 41.2   | 42.5 | 43.9 | 45.2 |
|                  | 7  | 18          | 39.1 | 39.2 | 39.5 | 39.8 | 40.1 | 40.5 | 40.8 | 41.4 | 42.0 | 42.5 | 43.1 | 43.3 | 43.6 | 43.9 | 44.1 | 44.4 | 44.5                | 37.4 | 38.9 | 40.5 | 42.0   | 43.3 | 44.7 | 46.0 |
|                  | 8  | 9           | 40.0 | 40.1 | 40.4 | 40.7 | 41.0 | 41.3 | 41.6 | 42.2 | 42.8 | 43.3 | 43.8 | 44.1 | 44.3 | 44.6 | 44.8 | 45.1 | 45.2                | 38.3 | 39.8 | 41.3 | 42.8   | 44.1 | 45.4 | 46.6 |
|                  | 9  | 36          | 40.6 | 40.7 | 41.0 | 41.3 | 41.6 | 41.9 | 42.3 | 42.9 | 43.5 | 44.0 | 44.5 | 44.7 | 45.0 | 45.2 | 45.5 | 45.7 | 45.8                | 38.8 | 40.4 | 41.9 | 43.5   | 44.7 | 45.9 | 47.2 |
|                  | 10 | 16          | 41.1 | 41.3 | 41.6 | 41.9 | 42.2 | 42.5 | 42.8 | 43.4 | 44.0 | 44.5 | 45.0 | 45.3 | 45.5 | 45.8 | 46.0 | 46.3 | 46.4                | 39.4 | 41.0 | 42.5 | 44.0   | 45.3 | 46.6 | 47.8 |
|                  | 11 | 11          | 41.6 | 41.8 | 42.1 | 42.4 | 42.7 | 43.0 | 43.3 | 43.9 | 44.5 | 45.0 | 45.5 | 45.7 | 46.0 | 46.2 | 46.5 | 46.7 | 46.8                | 39.9 | 41.5 | 43.0 | 44.5   | 45.7 | 46.9 | 48.2 |
| 1                | 0  | 13          | 42.1 | 42.2 | 42.5 | 42.8 | 43.1 | 43.4 | 43.7 | 44.3 | 44.9 | 45.4 | 45.9 | 46.1 | 46.4 | 46.6 | 46.9 | 47.1 | 47.2                | 40.4 | 41.9 | 43.4 | 44.9   | 46.1 | 47.3 | 48.6 |
| 1                | 1  | 11          | 42.5 | 42.6 | 42.9 | 43.2 | 43.5 | 43.7 | 44.0 | 44.6 | 45.2 | 45.7 | 46.1 | 46.4 | 46.6 | 46.9 | 47.1 | 47.4 | 47.5                | 40.9 | 42.3 | 43.7 | 45.2   | 46.4 | 47.6 | 48.8 |
| 1                | 2  | 9           | 42.8 | 42.9 | 43.2 | 43.5 | 43.8 | 44.0 | 44.3 | 44.9 | 45.4 | 45.9 | 46.4 | 46.6 | 46.9 | 47.1 | 47.4 | 47.6 | 47.7                | 41.3 | 42.6 | 44.0 | 45.4   | 46.6 | 47.9 | 49.1 |
| 1                | 3  | 24          | 43.1 | 43.2 | 43.5 | 43.8 | 44.0 | 44.3 | 44.6 | 45.1 | 45.7 | 46.2 | 46.6 | 46.9 | 47.1 | 47.4 | 47.6 | 47.8 | 47.9                | 41.6 | 42.9 | 44.3 | 45.7   | 46.9 | 48.1 | 49.3 |
| 1                | 4  | 13          | 43.4 | 43.5 | 43.7 | 44.0 | 44.3 | 44.6 | 44.8 | 45.4 | 45.9 | 46.4 | 46.8 | 47.1 | 47.3 | 47.6 | 47.8 | 48.0 | 48.1                | 41.9 | 43.2 | 44.6 | 45.9   | 47.1 | 48.3 | 49.5 |
| 1                | 5  | 18          | 43.6 | 43.7 | 44.0 | 44.3 | 44.5 | 44.8 | 45.0 | 45.6 | 46.1 | 46.6 | 47.0 | 47.3 | 47.5 | 47.7 | 48.0 | 48.2 | 48.3                | 42.1 | 43.5 | 44.8 | 46.1   | 47.3 | 48.5 | 49.6 |
| 1                | 6  | 41          | 43.9 | 44.0 | 44.2 | 44.5 | 44.7 | 45.0 | 45.3 | 45.8 | 46.3 | 46.8 | 47.2 | 47.5 | 47.7 | 47.9 | 48.2 | 48.4 | 48.5                | 42.4 | 43.7 | 45.0 | 46.3   | 47.5 | 48.6 | 49.8 |
| 1                | 7  | 27          | 44.1 | 44.2 | 44.5 | 44.7 | 45.0 | 45.2 | 45.5 | 46.0 | 46.5 | 47.0 | 47.4 | 47.6 | 47.9 | 48.1 | 48.3 | 48.5 | 48.6                | 42.7 | 44.0 | 45.2 | 46.5   | 47.6 | 48.8 | 49.9 |
| 1                | 8  | 18          | 44.3 | 44.4 | 44.7 | 44.9 | 45.2 | 45.4 | 45.7 | 46.2 | 46.7 | 47.1 | 47.6 | 47.8 | 48.0 | 48.3 | 48.5 | 48.7 | 48.8                | 42.9 | 44.2 | 45.4 | 46.7   | 47.8 | 48.9 | 50.1 |
| 1                | 9  | 24          | 44.5 | 44.6 | 44.9 | 45.1 | 45.4 | 45.6 | 45.9 | 46.4 | 46.9 | 47.3 | 47.7 | 48.0 | 48.2 | 48.4 | 48.6 | 48.9 | 48.9                | 43.2 | 44.4 | 45.6 | 46.9   | 48.0 | 49.1 | 50.2 |
| 1                | 10 | 18          | 44.7 | 44.8 | 45.1 | 45.3 | 45.5 | 45.8 | 46.0 | 46.5 | 47.0 | 47.5 | 47.9 | 48.1 | 48.3 | 48.6 | 48.8 | 49.0 | 49.1                | 43.3 | 44.6 | 45.8 | 47.0   | 48.1 | 49.2 | 50.3 |
| 1                | 11 | 18          | 44.9 | 45.0 | 45.2 | 45.4 | 45.7 | 45.9 | 46.2 | 46.7 | 47.2 | 47.6 | 48.0 | 48.3 | 48.5 | 48.7 | 48.9 | 49.1 | 49.2                | 43.5 | 44.7 | 45.9 | 47.2   | 48.3 | 49.4 | 50.5 |

ตารางที่ 13 เส้นรอบศีรษะ 0-5 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 2                | 0  | 25          | 45.0 | 45.1 | 45.3 | 45.6 | 45.8 | 46.1 | 46.3 | 46.8 | 47.3 | 47.7 | 48.2 | 48.4 | 48.6 | 48.8 | 49.1                | 49.3 | 49.4 | 43.6 | 44.8 | 46.1 | 47.3   | 48.4 | 49.5 | 50.6 |
| 2                | 1  | 21          | 45.1 | 45.2 | 45.4 | 45.7 | 45.9 | 46.2 | 46.4 | 46.9 | 47.4 | 47.9 | 48.3 | 48.5 | 48.7 | 49.0 | 49.2                | 49.4 | 49.5 | 43.7 | 44.9 | 46.2 | 47.4   | 48.5 | 49.6 | 50.7 |
| 2                | 2  | 32          | 45.2 | 45.3 | 45.5 | 45.8 | 46.0 | 46.3 | 46.6 | 47.1 | 47.6 | 48.0 | 48.4 | 48.7 | 48.9 | 49.1 | 49.3                | 49.5 | 49.6 | 43.8 | 45.0 | 46.3 | 47.6   | 48.7 | 49.7 | 50.8 |
| 2                | 3  | 36          | 45.3 | 45.4 | 45.6 | 45.9 | 46.1 | 46.4 | 46.7 | 47.2 | 47.7 | 48.1 | 48.6 | 48.8 | 49.0 | 49.2 | 49.4                | 49.6 | 49.7 | 43.8 | 45.1 | 46.4 | 47.7   | 48.8 | 49.9 | 51.0 |
| 2                | 4  | 36          | 45.4 | 45.5 | 45.7 | 46.0 | 46.2 | 46.5 | 46.8 | 47.3 | 47.8 | 48.2 | 48.7 | 48.9 | 49.1 | 49.3 | 49.5                | 49.8 | 49.8 | 43.9 | 45.2 | 46.5 | 47.8   | 48.9 | 50.0 | 51.1 |
| 2                | 5  | 29          | 45.4 | 45.5 | 45.8 | 46.1 | 46.3 | 46.6 | 46.9 | 47.4 | 47.9 | 48.3 | 48.8 | 49.0 | 49.2 | 49.4 | 49.6                | 49.9 | 50.0 | 44.0 | 45.3 | 46.6 | 47.9   | 49.0 | 50.1 | 51.2 |
| 2                | 6  | 53          | 45.5 | 45.6 | 45.9 | 46.2 | 46.4 | 46.7 | 46.9 | 47.5 | 48.0 | 48.4 | 48.9 | 49.1 | 49.3 | 49.5 | 49.8                | 50.0 | 50.1 | 44.1 | 45.4 | 46.7 | 48.0   | 49.1 | 50.2 | 51.3 |
| 2                | 7  | 52          | 45.6 | 45.7 | 46.0 | 46.3 | 46.5 | 46.8 | 47.0 | 47.6 | 48.1 | 48.5 | 49.0 | 49.2 | 49.4 | 49.6 | 49.9                | 50.1 | 50.2 | 44.2 | 45.5 | 46.8 | 48.1   | 49.2 | 50.3 | 51.4 |
| 2                | 8  | 41          | 45.7 | 45.8 | 46.1 | 46.4 | 46.6 | 46.9 | 47.1 | 47.7 | 48.2 | 48.6 | 49.1 | 49.3 | 49.5 | 49.7 | 49.9                | 50.2 | 50.3 | 44.3 | 45.6 | 46.9 | 48.2   | 49.3 | 50.4 | 51.5 |
| 2                | 9  | 50          | 45.8 | 45.9 | 46.2 | 46.5 | 46.7 | 47.0 | 47.2 | 47.8 | 48.3 | 48.7 | 49.2 | 49.4 | 49.6 | 49.8 | 50.0                | 50.3 | 50.3 | 44.4 | 45.7 | 47.0 | 48.3   | 49.4 | 50.5 | 51.6 |
| 2                | 10 | 74          | 45.9 | 46.0 | 46.3 | 46.5 | 46.8 | 47.1 | 47.3 | 47.8 | 48.4 | 48.8 | 49.2 | 49.5 | 49.7 | 49.9 | 50.1                | 50.3 | 50.4 | 44.5 | 45.8 | 47.1 | 48.4   | 49.5 | 50.6 | 51.7 |
| 2                | 11 | 72          | 46.0 | 46.1 | 46.4 | 46.6 | 46.9 | 47.1 | 47.4 | 47.9 | 48.4 | 48.9 | 49.3 | 49.5 | 49.8 | 50.0 | 50.2                | 50.4 | 50.5 | 44.6 | 45.8 | 47.1 | 48.4   | 49.5 | 50.6 | 51.8 |
| 3                | 0  | 85          | 46.1 | 46.2 | 46.4 | 46.7 | 47.0 | 47.2 | 47.5 | 48.0 | 48.5 | 49.0 | 49.4 | 49.6 | 49.8 | 50.1 | 50.3                | 50.5 | 50.6 | 44.6 | 45.9 | 47.2 | 48.5   | 49.6 | 50.7 | 51.8 |
| 3                | 1  | 92          | 46.2 | 46.3 | 46.5 | 46.8 | 47.0 | 47.3 | 47.5 | 48.1 | 48.6 | 49.0 | 49.5 | 49.7 | 49.9 | 50.1 | 50.4                | 50.6 | 50.7 | 44.7 | 46.0 | 47.3 | 48.6   | 49.7 | 50.8 | 51.9 |
| 3                | 2  | 108         | 46.2 | 46.3 | 46.6 | 46.8 | 47.1 | 47.3 | 47.6 | 48.1 | 48.6 | 49.1 | 49.5 | 49.8 | 50.0 | 50.2 | 50.4                | 50.7 | 50.8 | 44.8 | 46.1 | 47.3 | 48.6   | 49.8 | 50.9 | 52.0 |
| 3                | 3  | 92          | 46.3 | 46.4 | 46.6 | 46.9 | 47.1 | 47.4 | 47.7 | 48.2 | 48.7 | 49.1 | 49.6 | 49.8 | 50.1 | 50.3 | 50.5                | 50.7 | 50.8 | 44.8 | 46.1 | 47.4 | 48.7   | 49.8 | 51.0 | 52.1 |
| 3                | 4  | 92          | 46.3 | 46.4 | 46.7 | 46.9 | 47.2 | 47.4 | 47.7 | 48.2 | 48.7 | 49.2 | 49.7 | 49.9 | 50.1 | 50.3 | 50.6                | 50.8 | 50.9 | 44.9 | 46.2 | 47.4 | 48.7   | 49.9 | 51.0 | 52.2 |
| 3                | 5  | 83          | 46.4 | 46.5 | 46.7 | 47.0 | 47.2 | 47.5 | 47.8 | 48.3 | 48.8 | 49.2 | 49.7 | 49.9 | 50.2 | 50.4 | 50.6                | 50.9 | 51.0 | 44.9 | 46.2 | 47.5 | 48.8   | 49.9 | 51.1 | 52.3 |
| 3                | 6  | 107         | 46.4 | 46.5 | 46.8 | 47.0 | 47.3 | 47.5 | 47.8 | 48.3 | 48.8 | 49.3 | 49.8 | 50.0 | 50.2 | 50.5 | 50.7                | 50.9 | 51.0 | 45.0 | 46.2 | 47.5 | 48.8   | 50.0 | 51.2 | 52.4 |
| 3                | 7  | 101         | 46.4 | 46.5 | 46.8 | 47.1 | 47.3 | 47.6 | 47.8 | 48.3 | 48.9 | 49.3 | 49.8 | 50.1 | 50.3 | 50.5 | 50.8                | 51.0 | 51.1 | 45.0 | 46.3 | 47.6 | 48.9   | 50.1 | 51.2 | 52.4 |
| 3                | 8  | 96          | 46.5 | 46.6 | 46.8 | 47.1 | 47.4 | 47.6 | 47.9 | 48.4 | 48.9 | 49.4 | 49.9 | 50.1 | 50.3 | 50.6 | 50.8                | 51.1 | 51.2 | 45.0 | 46.3 | 47.6 | 48.9   | 50.1 | 51.3 | 52.5 |
| 3                | 9  | 104         | 46.5 | 46.6 | 46.9 | 47.1 | 47.4 | 47.7 | 47.9 | 48.4 | 48.9 | 49.4 | 49.9 | 50.2 | 50.4 | 50.6 | 50.9                | 51.1 | 51.2 | 45.1 | 46.4 | 47.7 | 48.9   | 50.2 | 51.4 | 52.6 |
| 3                | 10 | 128         | 46.6 | 46.7 | 46.9 | 47.2 | 47.4 | 47.7 | 48.0 | 48.5 | 49.0 | 49.5 | 50.0 | 50.2 | 50.5 | 50.7 | 51.0                | 51.2 | 51.3 | 45.1 | 46.4 | 47.7 | 49.0   | 50.2 | 51.4 | 52.7 |
| 3                | 11 | 101         | 46.6 | 46.7 | 47.0 | 47.2 | 47.5 | 47.7 | 48.0 | 48.5 | 49.0 | 49.5 | 50.0 | 50.3 | 50.5 | 50.8 | 51.0                | 51.3 | 51.4 | 45.2 | 46.5 | 47.7 | 49.0   | 50.3 | 51.5 | 52.7 |

TABLE 13. HEAD CIRCUMFERENCE : GIRLS

## ตารางที่ 13 เส้นรอบศีรษะ 0-5 ปี เพศหญิง

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4                | 0  | 109         | 46.7 | 46.8 | 47.0 | 47.3 | 47.5 | 47.8 | 48.0 | 48.6 | 49.1 | 49.6 | 50.1 | 50.3 | 50.6 | 50.8 | 51.1                | 51.3 | 51.4 | 45.2 | 46.5 | 47.8 | 49.1   | 50.3 | 51.6 | 52.8 |
| 4                | 1  | 88          | 46.7 | 46.8 | 47.1 | 47.3 | 47.6 | 47.8 | 48.1 | 48.6 | 49.1 | 49.6 | 50.1 | 50.4 | 50.6 | 50.9 | 51.1                | 51.4 | 51.5 | 45.3 | 46.5 | 47.8 | 49.1   | 50.4 | 51.6 | 52.9 |
| 4                | 2  | 100         | 46.7 | 46.8 | 47.1 | 47.4 | 47.6 | 47.9 | 48.1 | 48.7 | 49.2 | 49.7 | 50.2 | 50.4 | 50.7 | 50.9 | 51.2                | 51.4 | 51.5 | 45.3 | 46.6 | 47.9 | 49.2   | 50.4 | 51.7 | 52.9 |
| 4                | 3  | 83          | 46.8 | 46.9 | 47.1 | 47.4 | 47.7 | 47.9 | 48.2 | 48.7 | 49.2 | 49.7 | 50.2 | 50.5 | 50.7 | 51.0 | 51.2                | 51.5 | 51.6 | 45.3 | 46.6 | 47.9 | 49.2   | 50.5 | 51.7 | 53.0 |
| 4                | 4  | 96          | 46.8 | 46.9 | 47.2 | 47.4 | 47.7 | 48.0 | 48.2 | 48.7 | 49.3 | 49.8 | 50.3 | 50.5 | 50.8 | 51.0 | 51.3                | 51.5 | 51.6 | 45.4 | 46.7 | 48.0 | 49.3   | 50.5 | 51.8 | 53.1 |
| 4                | 5  | 111         | 46.9 | 47.0 | 47.2 | 47.5 | 47.7 | 48.0 | 48.3 | 48.8 | 49.3 | 49.8 | 50.3 | 50.6 | 50.8 | 51.1 | 51.3                | 51.6 | 51.7 | 45.4 | 46.7 | 48.0 | 49.3   | 50.6 | 51.9 | 53.1 |
| 4                | 6  | 85          | 46.9 | 47.0 | 47.3 | 47.5 | 47.8 | 48.0 | 48.3 | 48.8 | 49.4 | 49.9 | 50.4 | 50.6 | 50.9 | 51.1 | 51.4                | 51.7 | 51.8 | 45.4 | 46.7 | 48.0 | 49.4   | 50.6 | 51.9 | 53.2 |
| 4                | 7  | 91          | 46.9 | 47.0 | 47.3 | 47.6 | 47.8 | 48.1 | 48.3 | 48.9 | 49.4 | 49.9 | 50.4 | 50.7 | 50.9 | 51.2 | 51.4                | 51.7 | 51.8 | 45.4 | 46.8 | 48.1 | 49.4   | 50.7 | 52.0 | 53.2 |
| 4                | 8  | 94          | 46.9 | 47.1 | 47.3 | 47.6 | 47.8 | 48.1 | 48.4 | 48.9 | 49.4 | 50.0 | 50.5 | 50.7 | 51.0 | 51.2 | 51.5                | 51.8 | 51.9 | 45.5 | 46.8 | 48.1 | 49.4   | 50.7 | 52.0 | 53.3 |
| 4                | 9  | 94          | 47.0 | 47.1 | 47.3 | 47.6 | 47.9 | 48.1 | 48.4 | 48.9 | 49.5 | 50.0 | 50.5 | 50.8 | 51.0 | 51.3 | 51.5                | 51.8 | 51.9 | 45.5 | 46.8 | 48.1 | 49.5   | 50.8 | 52.1 | 53.4 |
| 4                | 10 | 90          | 47.0 | 47.1 | 47.4 | 47.6 | 47.9 | 48.2 | 48.4 | 49.0 | 49.5 | 50.0 | 50.6 | 50.8 | 51.1 | 51.3 | 51.6                | 51.9 | 52.0 | 45.5 | 46.8 | 48.2 | 49.5   | 50.8 | 52.1 | 53.4 |
| 4                | 11 | 90          | 47.0 | 47.1 | 47.4 | 47.7 | 47.9 | 48.2 | 48.5 | 49.0 | 49.6 | 50.1 | 50.6 | 50.9 | 51.1 | 51.4 | 51.6                | 51.9 | 52.0 | 45.5 | 46.9 | 48.2 | 49.6   | 50.9 | 52.2 | 53.5 |
| 5                | 0  | 92          | 47.1 | 47.2 | 47.4 | 47.7 | 48.0 | 48.3 | 48.5 | 49.1 | 49.6 | 50.1 | 50.6 | 50.9 | 51.2 | 51.4 | 51.7                | 52.0 | 52.1 | 45.6 | 46.9 | 48.3 | 49.6   | 50.9 | 52.2 | 53.5 |
| 5                | 1  | 90          | 47.1 | 47.2 | 47.5 | 47.8 | 48.0 | 48.3 | 48.6 | 49.1 | 49.6 | 50.2 | 50.7 | 50.9 | 51.2 | 51.5 | 51.7                | 52.0 | 52.1 | 45.6 | 46.9 | 48.3 | 49.6   | 50.9 | 52.3 | 53.6 |
| 5                | 2  | 98          | 47.1 | 47.3 | 47.5 | 47.8 | 48.1 | 48.3 | 48.6 | 49.1 | 49.7 | 50.2 | 50.7 | 51.0 | 51.3 | 51.5 | 51.8                | 52.1 | 52.2 | 45.7 | 47.0 | 48.3 | 49.7   | 51.0 | 52.3 | 53.7 |
| 5                | 3  | 105         | 47.2 | 47.3 | 47.6 | 47.8 | 48.1 | 48.4 | 48.6 | 49.2 | 49.7 | 50.2 | 50.8 | 51.0 | 51.3 | 51.6 | 51.8                | 52.1 | 52.2 | 45.7 | 47.0 | 48.4 | 49.7   | 51.0 | 52.4 | 53.7 |
| 5                | 4  | 96          | 47.2 | 47.3 | 47.6 | 47.9 | 48.1 | 48.4 | 48.7 | 49.2 | 49.7 | 50.3 | 50.8 | 51.1 | 51.3 | 51.6 | 51.9                | 52.2 | 52.3 | 45.8 | 47.1 | 48.4 | 49.7   | 51.1 | 52.4 | 53.8 |
| 5                | 5  | 98          | 47.3 | 47.4 | 47.6 | 47.9 | 48.2 | 48.4 | 48.7 | 49.2 | 49.8 | 50.3 | 50.8 | 51.1 | 51.4 | 51.7 | 51.9                | 52.2 | 52.3 | 45.8 | 47.1 | 48.4 | 49.8   | 51.1 | 52.5 | 53.8 |
| 5                | 6  | 113         | 47.3 | 47.4 | 47.7 | 47.9 | 48.2 | 48.5 | 48.7 | 49.3 | 49.8 | 50.3 | 50.9 | 51.2 | 51.4 | 51.7 | 52.0                | 52.3 | 52.4 | 45.8 | 47.2 | 48.5 | 49.8   | 51.2 | 52.5 | 53.9 |
| 5                | 7  | 99          | 47.4 | 47.5 | 47.7 | 48.0 | 48.3 | 48.5 | 48.8 | 49.3 | 49.8 | 50.4 | 50.9 | 51.2 | 51.5 | 51.8 | 52.0                | 52.3 | 52.4 | 45.9 | 47.2 | 48.5 | 49.8   | 51.2 | 52.6 | 53.9 |
| 5                | 8  | 85          | 47.4 | 47.5 | 47.8 | 48.0 | 48.3 | 48.6 | 48.8 | 49.3 | 49.9 | 50.4 | 51.0 | 51.2 | 51.5 | 51.8 | 52.1                | 52.3 | 52.5 | 45.9 | 47.2 | 48.6 | 49.9   | 51.2 | 52.6 | 54.0 |
| 5                | 9  | 86          | 47.4 | 47.5 | 47.8 | 48.1 | 48.3 | 48.6 | 48.9 | 49.4 | 49.9 | 50.5 | 51.0 | 51.3 | 51.6 | 51.8 | 52.1                | 52.4 | 52.5 | 46.0 | 47.3 | 48.6 | 49.9   | 51.3 | 52.7 | 54.0 |
| 5                | 10 | 102         | 47.5 | 47.6 | 47.8 | 48.1 | 48.4 | 48.6 | 48.9 | 49.4 | 50.0 | 50.5 | 51.1 | 51.3 | 51.6 | 51.9 | 52.2                | 52.4 | 52.6 | 46.0 | 47.3 | 48.6 | 50.0   | 51.3 | 52.7 | 54.1 |
| 5                | 11 | 96          | 47.5 | 47.6 | 47.9 | 48.1 | 48.4 | 48.7 | 48.9 | 49.5 | 50.0 | 50.6 | 51.1 | 51.4 | 51.7 | 51.9 | 52.2                | 52.5 | 52.6 | 46.0 | 47.3 | 48.7 | 50.0   | 51.4 | 52.8 | 54.1 |

ตารางที่ 14 เส้นรอบอก 0-5 ปี เพศชาย

TABLE 14. CHEST CIRCUMFERENCE : BOYS

| อายุ<br>ปี เดือน | N   | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0                | 113 | 29.9        | 30.0 | 30.3 | 30.6 | 30.8 | 31.1 | 31.4 | 31.9 | 32.5 | 33.1 | 33.8 | 34.1 | 34.4 | 34.7 | 35.1 | 35.4 | 35.5                | 28.4 | 29.7 | 31.1 | 32.5   | 34.1 | 35.7 | 37.3 |
| 1                | 19  | 31.9        | 32.0 | 32.3 | 32.6 | 32.8 | 33.1 | 33.4 | 33.9 | 34.5 | 35.2 | 35.8 | 36.1 | 36.5 | 36.8 | 37.1 | 37.5 | 37.6                | 30.4 | 31.7 | 33.1 | 34.5   | 36.1 | 37.8 | 39.4 |
| 2                | 72  | 33.6        | 33.7 | 34.0 | 34.3 | 34.6 | 34.9 | 35.2 | 35.8 | 36.4 | 37.1 | 37.8 | 38.2 | 38.5 | 38.9 | 39.2 | 39.6 | 39.7                | 31.9 | 33.4 | 34.9 | 36.4   | 38.2 | 39.9 | 41.7 |
| 3                | 13  | 35.2        | 35.3 | 35.6 | 35.9 | 36.2 | 36.6 | 36.9 | 37.5 | 38.1 | 38.8 | 39.6 | 40.0 | 40.3 | 40.7 | 41.1 | 41.5 | 41.6                | 33.5 | 35.0 | 36.6 | 38.1   | 40.0 | 41.8 | 43.7 |
| 4                | 58  | 36.7        | 36.8 | 37.1 | 37.5 | 37.8 | 38.1 | 38.4 | 39.1 | 39.7 | 40.4 | 41.2 | 41.6 | 41.9 | 42.3 | 42.7 | 43.1 | 43.2                | 34.9 | 36.5 | 38.1 | 39.7   | 41.6 | 43.4 | 45.3 |
| 5                | 28  | 37.9        | 38.0 | 38.4 | 38.7 | 39.1 | 39.4 | 39.7 | 40.4 | 41.1 | 41.8 | 42.6 | 43.0 | 43.3 | 43.7 | 44.1 | 44.5 | 44.6                | 36.0 | 37.7 | 39.4 | 41.1   | 43.0 | 44.8 | 46.7 |
| 6                | 56  | 39.0        | 39.1 | 39.5 | 39.8 | 40.2 | 40.5 | 40.8 | 41.5 | 42.2 | 43.0 | 43.7 | 44.1 | 44.5 | 44.9 | 45.3 | 45.6 | 45.8                | 37.1 | 38.8 | 40.5 | 42.2   | 44.1 | 46.0 | 47.9 |
| 7                | 15  | 39.8        | 39.9 | 40.3 | 40.6 | 41.0 | 41.3 | 41.7 | 42.4 | 43.1 | 43.9 | 44.6 | 45.0 | 45.4 | 45.8 | 46.2 | 46.5 | 46.7                | 37.8 | 39.6 | 41.3 | 43.1   | 45.0 | 46.9 | 48.8 |
| 8                | 13  | 40.5        | 40.6 | 41.0 | 41.3 | 41.6 | 42.0 | 42.3 | 43.0 | 43.7 | 44.5 | 45.3 | 45.7 | 46.1 | 46.5 | 46.9 | 47.3 | 47.5                | 38.6 | 40.3 | 42.0 | 43.7   | 45.7 | 47.7 | 49.8 |
| 9                | 50  | 41.1        | 41.2 | 41.6 | 41.9 | 42.2 | 42.6 | 42.9 | 43.5 | 44.2 | 45.1 | 45.9 | 46.3 | 46.8 | 47.2 | 47.6 | 48.0 | 48.2                | 39.3 | 40.9 | 42.6 | 44.2   | 46.3 | 48.5 | 50.6 |
| 10               | 24  | 41.6        | 41.7 | 42.1 | 42.4 | 42.7 | 43.1 | 43.4 | 44.1 | 44.7 | 45.6 | 46.4 | 46.8 | 47.3 | 47.7 | 48.1 | 48.5 | 48.7                | 39.7 | 41.4 | 43.1 | 44.7   | 46.8 | 49.0 | 51.1 |
| 11               | 14  | 42.0        | 42.1 | 42.5 | 42.8 | 43.2 | 43.5 | 43.9 | 44.5 | 45.2 | 46.1 | 47.0 | 47.4 | 47.8 | 48.3 | 48.7 | 49.1 | 49.3                | 40.1 | 41.8 | 43.5 | 45.2   | 47.4 | 49.6 | 51.7 |
| 1                | 0   | 42.4        | 42.5 | 42.9 | 43.2 | 43.6 | 44.0 | 44.3 | 45.0 | 45.7 | 46.6 | 47.4 | 47.8 | 48.3 | 48.7 | 49.1 | 49.5 | 49.7                | 40.4 | 42.2 | 44.0 | 45.7   | 47.8 | 50.0 | 52.1 |
| 1                | 1   | 42.8        | 42.9 | 43.3 | 43.7 | 44.0 | 44.4 | 44.7 | 45.4 | 46.2 | 47.0 | 47.8 | 48.2 | 48.7 | 49.1 | 49.5 | 49.9 | 50.1                | 40.8 | 42.6 | 44.4 | 46.2   | 48.2 | 50.3 | 52.4 |
| 1                | 2   | 43.1        | 43.2 | 43.6 | 44.0 | 44.4 | 44.7 | 45.1 | 45.8 | 46.6 | 47.4 | 48.2 | 48.6 | 49.0 | 49.4 | 49.9 | 50.3 | 50.4                | 41.0 | 42.9 | 44.7 | 46.6   | 48.6 | 50.7 | 52.7 |
| 1                | 3   | 43.3        | 43.5 | 43.9 | 44.3 | 44.6 | 45.0 | 45.4 | 46.2 | 46.9 | 47.8 | 48.6 | 49.0 | 49.4 | 49.8 | 50.2 | 50.6 | 50.8                | 41.2 | 43.1 | 45.0 | 46.9   | 49.0 | 51.0 | 53.1 |
| 1                | 4   | 43.6        | 43.7 | 44.1 | 44.5 | 44.9 | 45.3 | 45.7 | 46.5 | 47.3 | 48.1 | 48.9 | 49.3 | 49.7 | 50.2 | 50.6 | 51.0 | 51.1                | 41.3 | 43.3 | 45.3 | 47.3   | 49.3 | 51.4 | 53.4 |
| 1                | 5   | 43.8        | 43.9 | 44.3 | 44.8 | 45.2 | 45.6 | 46.0 | 46.8 | 47.6 | 48.4 | 49.3 | 49.7 | 50.1 | 50.5 | 50.9 | 51.3 | 51.5                | 41.5 | 43.5 | 45.6 | 47.6   | 49.7 | 51.7 | 53.8 |
| 1                | 6   | 44.0        | 44.2 | 44.6 | 45.0 | 45.4 | 45.8 | 46.2 | 47.1 | 47.9 | 48.7 | 49.6 | 50.0 | 50.4 | 50.8 | 51.2 | 51.7 | 51.8                | 41.7 | 43.8 | 45.8 | 47.9   | 50.0 | 52.1 | 54.2 |
| 1                | 7   | 44.2        | 44.4 | 44.8 | 45.2 | 45.6 | 46.1 | 46.5 | 47.3 | 48.2 | 49.0 | 49.9 | 50.3 | 50.7 | 51.1 | 51.6 | 52.0 | 52.2                | 41.9 | 44.0 | 46.1 | 48.2   | 50.3 | 52.4 | 54.6 |
| 1                | 8   | 44.4        | 44.6 | 45.0 | 45.4 | 45.9 | 46.3 | 46.7 | 47.6 | 48.4 | 49.3 | 50.1 | 50.6 | 51.0 | 51.4 | 51.9 | 52.3 | 52.5                | 42.1 | 44.2 | 46.3 | 48.4   | 50.6 | 52.8 | 54.9 |
| 1                | 9   | 44.6        | 44.8 | 45.2 | 45.7 | 46.1 | 46.5 | 46.9 | 47.8 | 48.6 | 49.5 | 50.4 | 50.8 | 51.3 | 51.7 | 52.2 | 52.6 | 52.8                | 42.3 | 44.4 | 46.5 | 48.6   | 50.8 | 53.1 | 55.3 |
| 1                | 10  | 44.8        | 45.0 | 45.4 | 45.9 | 46.3 | 46.7 | 47.1 | 48.0 | 48.8 | 49.8 | 50.7 | 51.1 | 51.6 | 52.0 | 52.5 | 52.9 | 53.1                | 42.4 | 44.6 | 46.7 | 48.8   | 51.1 | 53.4 | 55.7 |
| 1                | 11  | 45.0        | 45.2 | 45.6 | 46.0 | 46.5 | 46.9 | 47.3 | 48.2 | 49.0 | 50.0 | 50.9 | 51.4 | 51.8 | 52.3 | 52.8 | 53.2 | 53.4                | 42.6 | 44.8 | 46.9 | 49.0   | 51.4 | 53.7 | 56.0 |

## ตารางที่ 14 เส้นรอบอก 0-5 ปี เพศชาย

TABLE 14. CHEST CIRCUMFERENCE - BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 2                | 0  | 41          | 45.2 | 45.4 | 45.8 | 46.2 | 46.7 | 47.1 | 47.5 | 48.4 | 49.2 | 50.2 | 51.1 | 51.6 | 52.1 | 52.6 | 53.0 | 53.5 | 53.7                | 42.8 | 44.9 | 47.1 | 49.2   | 51.6 | 54.0 | 56.3 |
| 2                | 1  | 19          | 45.4 | 45.6 | 46.0 | 46.4 | 46.8 | 47.3 | 47.7 | 48.6 | 49.4 | 50.4 | 51.4 | 51.8 | 52.3 | 52.8 | 53.3 | 53.8 | 54.0                | 43.0 | 45.1 | 47.3 | 49.4   | 51.8 | 54.2 | 56.7 |
| 2                | 2  | 29          | 45.5 | 45.7 | 46.2 | 46.6 | 47.0 | 47.5 | 47.9 | 48.7 | 49.6 | 50.6 | 51.6 | 52.1 | 52.6 | 53.0 | 53.5 | 54.0 | 54.2                | 43.1 | 45.3 | 47.5 | 49.6   | 52.1 | 54.5 | 57.0 |
| 2                | 3  | 34          | 45.7 | 45.9 | 46.3 | 46.8 | 47.2 | 47.6 | 48.1 | 48.9 | 49.8 | 50.8 | 51.8 | 52.3 | 52.8 | 53.3 | 53.8 | 54.3 | 54.5                | 43.3 | 45.5 | 47.6 | 49.8   | 52.3 | 54.8 | 57.3 |
| 2                | 4  | 40          | 45.9 | 46.0 | 46.5 | 46.9 | 47.3 | 47.8 | 48.2 | 49.1 | 50.0 | 51.0 | 52.0 | 52.5 | 53.0 | 53.5 | 54.0 | 54.5 | 54.7                | 43.4 | 45.6 | 47.8 | 50.0   | 52.5 | 55.0 | 57.5 |
| 2                | 5  | 36          | 46.0 | 46.2 | 46.6 | 47.1 | 47.5 | 47.9 | 48.4 | 49.3 | 50.1 | 51.1 | 52.2 | 52.7 | 53.2 | 53.7 | 54.2 | 54.7 | 54.9                | 43.6 | 45.8 | 47.9 | 50.1   | 52.7 | 55.3 | 57.8 |
| 2                | 6  | 50          | 46.2 | 46.3 | 46.8 | 47.2 | 47.7 | 48.1 | 48.5 | 49.4 | 50.3 | 51.3 | 52.4 | 52.9 | 53.4 | 53.9 | 54.4 | 55.0 | 55.2                | 43.7 | 45.9 | 48.1 | 50.3   | 52.9 | 55.5 | 58.1 |
| 2                | 7  | 55          | 46.3 | 46.5 | 46.9 | 47.4 | 47.8 | 48.2 | 48.7 | 49.6 | 50.4 | 51.5 | 52.5 | 53.1 | 53.6 | 54.1 | 54.6 | 55.2 | 55.4                | 43.9 | 46.1 | 48.2 | 50.4   | 53.1 | 55.7 | 58.3 |
| 2                | 8  | 61          | 46.5 | 46.6 | 47.1 | 47.5 | 47.9 | 48.4 | 48.8 | 49.7 | 50.6 | 51.6 | 52.7 | 53.2 | 53.8 | 54.3 | 54.8 | 55.4 | 55.6                | 44.0 | 46.2 | 48.4 | 50.6   | 53.2 | 55.9 | 58.6 |
| 2                | 9  | 65          | 46.6 | 46.8 | 47.2 | 47.6 | 48.1 | 48.5 | 49.0 | 49.8 | 50.7 | 51.8 | 52.9 | 53.4 | 54.0 | 54.5 | 55.0 | 55.6 | 55.8                | 44.1 | 46.3 | 48.5 | 50.7   | 53.4 | 56.1 | 58.8 |
| 2                | 10 | 59          | 46.7 | 46.9 | 47.3 | 47.8 | 48.2 | 48.6 | 49.1 | 50.0 | 50.9 | 51.9 | 53.0 | 53.6 | 54.1 | 54.7 | 55.2 | 55.8 | 56.0                | 44.2 | 46.4 | 48.6 | 50.9   | 53.6 | 56.3 | 59.0 |
| 2                | 11 | 80          | 46.8 | 47.0 | 47.4 | 47.9 | 48.3 | 48.8 | 49.2 | 50.1 | 51.0 | 52.1 | 53.2 | 53.7 | 54.3 | 54.8 | 55.4 | 55.9 | 56.2                | 44.3 | 46.6 | 48.8 | 51.0   | 53.7 | 56.5 | 59.2 |
| 3                | 0  | 71          | 46.9 | 47.1 | 47.5 | 48.0 | 48.4 | 48.9 | 49.3 | 50.2 | 51.1 | 52.2 | 53.3 | 53.9 | 54.4 | 55.0 | 55.6 | 56.1 | 56.3                | 44.4 | 46.7 | 48.9 | 51.1   | 53.9 | 56.7 | 59.4 |
| 3                | 1  | 75          | 47.0 | 47.2 | 47.6 | 48.1 | 48.5 | 49.0 | 49.4 | 50.3 | 51.2 | 52.4 | 53.5 | 54.0 | 54.6 | 55.2 | 55.7 | 56.3 | 56.5                | 44.5 | 46.8 | 49.0 | 51.2   | 54.0 | 56.8 | 59.6 |
| 3                | 2  | 82          | 47.1 | 47.3 | 47.7 | 48.2 | 48.6 | 49.1 | 49.5 | 50.4 | 51.3 | 52.5 | 53.6 | 54.2 | 54.7 | 55.3 | 55.9 | 56.4 | 56.7                | 44.6 | 46.8 | 49.1 | 51.3   | 54.2 | 57.0 | 59.8 |
| 3                | 3  | 97          | 47.2 | 47.4 | 47.8 | 48.3 | 48.7 | 49.2 | 49.6 | 50.6 | 51.5 | 52.6 | 53.7 | 54.3 | 54.9 | 55.5 | 56.0 | 56.6 | 56.8                | 44.7 | 46.9 | 49.2 | 51.5   | 54.3 | 57.2 | 60.0 |
| 3                | 4  | 104         | 47.3 | 47.5 | 47.9 | 48.4 | 48.8 | 49.3 | 49.8 | 50.7 | 51.6 | 52.7 | 53.9 | 54.4 | 55.0 | 55.6 | 56.2 | 56.8 | 57.0                | 44.8 | 47.0 | 49.3 | 51.6   | 54.4 | 57.3 | 60.2 |
| 3                | 5  | 95          | 47.4 | 47.6 | 48.0 | 48.5 | 48.9 | 49.4 | 49.9 | 50.8 | 51.7 | 52.8 | 54.0 | 54.6 | 55.2 | 55.7 | 56.3 | 56.9 | 57.1                | 44.9 | 47.1 | 49.4 | 51.7   | 54.6 | 57.5 | 60.4 |
| 3                | 6  | 92          | 47.5 | 47.7 | 48.1 | 48.6 | 49.0 | 49.5 | 49.9 | 50.9 | 51.8 | 52.9 | 54.1 | 54.7 | 55.3 | 55.9 | 56.5 | 57.1 | 57.3                | 45.0 | 47.2 | 49.5 | 51.8   | 54.7 | 57.6 | 60.6 |
| 3                | 7  | 105         | 47.6 | 47.8 | 48.2 | 48.7 | 49.1 | 49.6 | 50.0 | 51.0 | 51.9 | 53.0 | 54.2 | 54.8 | 55.4 | 56.0 | 56.6 | 57.2 | 57.4                | 45.1 | 47.3 | 49.6 | 51.9   | 54.8 | 57.8 | 60.8 |
| 3                | 8  | 103         | 47.7 | 47.9 | 48.3 | 48.8 | 49.2 | 49.7 | 50.1 | 51.0 | 52.0 | 53.2 | 54.3 | 54.9 | 55.5 | 56.1 | 56.7 | 57.3 | 57.6                | 45.2 | 47.4 | 49.7 | 52.0   | 54.9 | 57.9 | 60.9 |
| 3                | 9  | 108         | 47.8 | 48.0 | 48.4 | 48.9 | 49.3 | 49.8 | 50.2 | 51.1 | 52.0 | 53.3 | 54.5 | 55.1 | 55.7 | 56.3 | 56.9 | 57.5 | 57.7                | 45.2 | 47.5 | 49.8 | 52.0   | 55.1 | 58.1 | 61.1 |
| 3                | 10 | 92          | 47.9 | 48.1 | 48.5 | 49.0 | 49.4 | 49.9 | 50.3 | 51.2 | 52.1 | 53.4 | 54.6 | 55.2 | 55.8 | 56.4 | 57.0 | 57.6 | 57.8                | 45.3 | 47.6 | 49.9 | 52.1   | 55.2 | 58.2 | 61.2 |
| 3                | 11 | 91          | 48.0 | 48.2 | 48.6 | 49.1 | 49.5 | 50.0 | 50.4 | 51.3 | 52.2 | 53.5 | 54.7 | 55.3 | 55.9 | 56.5 | 57.1 | 57.7 | 58.0                | 45.4 | 47.7 | 50.0 | 52.2   | 55.3 | 58.3 | 61.4 |

ตารางที่ 14 เส้นรอบอก 0-5 ปี เพศชาย

TABLE 14. CHEST CIRCUMFERENCE : BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4                | 0  | 88          | 48.1 | 48.2 | 48.7 | 49.2 | 49.6 | 50.1 | 50.5 | 51.4 | 52.3 | 53.5 | 54.8 | 55.4 | 56.0 | 56.6 | 57.2 | 57.9 | 58.1                | 45.5 | 47.8 | 50.1 | 52.3   | 55.4 | 58.5 | 61.6 |
| 4                | 1  | 86          | 48.2 | 48.3 | 48.8 | 49.2 | 49.7 | 50.1 | 50.6 | 51.5 | 52.4 | 53.6 | 54.9 | 55.5 | 56.1 | 56.7 | 57.4 | 58.0 | 58.2                | 45.6 | 47.9 | 50.1 | 52.4   | 55.5 | 58.6 | 61.7 |
| 4                | 2  | 82          | 48.3 | 48.4 | 48.9 | 49.3 | 49.8 | 50.2 | 50.7 | 51.6 | 52.5 | 53.7 | 55.0 | 55.6 | 56.2 | 56.9 | 57.5 | 58.1 | 58.4                | 45.7 | 48.0 | 50.2 | 52.5   | 55.6 | 58.7 | 61.8 |
| 4                | 3  | 93          | 48.4 | 48.5 | 49.0 | 49.4 | 49.9 | 50.3 | 50.8 | 51.7 | 52.6 | 53.8 | 55.1 | 55.7 | 56.3 | 57.0 | 57.6 | 58.2 | 58.5                | 45.8 | 48.1 | 50.3 | 52.6   | 55.7 | 58.8 | 62.0 |
| 4                | 4  | 84          | 48.5 | 48.6 | 49.1 | 49.5 | 50.0 | 50.4 | 50.9 | 51.8 | 52.7 | 53.9 | 55.2 | 55.8 | 56.5 | 57.1 | 57.7 | 58.3 | 58.6                | 45.9 | 48.2 | 50.4 | 52.7   | 55.8 | 59.0 | 62.1 |
| 4                | 5  | 102         | 48.6 | 48.7 | 49.2 | 49.6 | 50.1 | 50.5 | 51.0 | 51.9 | 52.8 | 54.0 | 55.3 | 55.9 | 56.6 | 57.2 | 57.8 | 58.5 | 58.7                | 46.0 | 48.3 | 50.5 | 52.8   | 55.9 | 59.1 | 62.2 |
| 4                | 6  | 96          | 48.7 | 48.8 | 49.3 | 49.7 | 50.2 | 50.6 | 51.1 | 52.0 | 52.9 | 54.1 | 55.4 | 56.0 | 56.7 | 57.3 | 57.9 | 58.6 | 58.8                | 46.1 | 48.4 | 50.6 | 52.9   | 56.0 | 59.2 | 62.4 |
| 4                | 7  | 94          | 48.8 | 48.9 | 49.4 | 49.8 | 50.3 | 50.7 | 51.2 | 52.1 | 53.0 | 54.2 | 55.5 | 56.1 | 56.8 | 57.4 | 58.0 | 58.7 | 58.9                | 46.2 | 48.5 | 50.7 | 53.0   | 56.1 | 59.3 | 62.5 |
| 4                | 8  | 89          | 48.9 | 49.0 | 49.5 | 49.9 | 50.4 | 50.8 | 51.3 | 52.2 | 53.1 | 54.4 | 55.6 | 56.3 | 56.9 | 57.5 | 58.2 | 58.8 | 59.0                | 46.3 | 48.6 | 50.8 | 53.1   | 56.3 | 59.4 | 62.6 |
| 4                | 9  | 86          | 49.0 | 49.1 | 49.6 | 50.0 | 50.5 | 50.9 | 51.4 | 52.3 | 53.2 | 54.5 | 55.7 | 56.4 | 57.0 | 57.6 | 58.3 | 58.9 | 59.1                | 46.5 | 48.7 | 50.9 | 53.2   | 56.4 | 59.5 | 62.7 |
| 4                | 10 | 100         | 49.1 | 49.3 | 49.7 | 50.2 | 50.6 | 51.1 | 51.5 | 52.4 | 53.3 | 54.6 | 55.8 | 56.5 | 57.1 | 57.7 | 58.4 | 59.0 | 59.3                | 46.6 | 48.8 | 51.1 | 53.3   | 56.5 | 59.6 | 62.8 |
| 4                | 11 | 82          | 49.2 | 49.4 | 49.8 | 50.3 | 50.7 | 51.2 | 51.6 | 52.5 | 53.4 | 54.7 | 55.9 | 56.6 | 57.2 | 57.8 | 58.5 | 59.1 | 59.4                | 46.7 | 48.9 | 51.2 | 53.4   | 56.6 | 59.7 | 62.9 |
| 5                | 0  | 84          | 49.3 | 49.5 | 49.9 | 50.4 | 50.8 | 51.3 | 51.7 | 52.6 | 53.5 | 54.8 | 56.1 | 56.7 | 57.3 | 58.0 | 58.6 | 59.2 | 59.5                | 46.8 | 49.0 | 51.3 | 53.5   | 56.7 | 59.8 | 63.0 |
| 5                | 1  | 96          | 49.4 | 49.6 | 50.0 | 50.5 | 50.9 | 51.4 | 51.8 | 52.7 | 53.6 | 54.9 | 56.2 | 56.8 | 57.4 | 58.1 | 58.7 | 59.3 | 59.6                | 46.9 | 49.1 | 51.4 | 53.6   | 56.8 | 60.0 | 63.1 |
| 5                | 2  | 82          | 49.5 | 49.7 | 50.2 | 50.6 | 51.1 | 51.5 | 51.9 | 52.8 | 53.7 | 55.0 | 56.3 | 56.9 | 57.5 | 58.2 | 58.8 | 59.4 | 59.7                | 47.0 | 49.3 | 51.5 | 53.7   | 56.9 | 60.1 | 63.2 |
| 5                | 3  | 97          | 49.7 | 49.8 | 50.3 | 50.7 | 51.2 | 51.6 | 52.1 | 53.0 | 53.8 | 55.1 | 56.4 | 57.0 | 57.6 | 58.3 | 58.9 | 59.5 | 59.8                | 47.2 | 49.4 | 51.6 | 53.8   | 57.0 | 60.2 | 63.3 |
| 5                | 4  | 97          | 49.8 | 49.9 | 50.4 | 50.8 | 51.3 | 51.7 | 52.2 | 53.1 | 53.9 | 55.2 | 56.5 | 57.1 | 57.7 | 58.4 | 59.0 | 59.6 | 59.9                | 47.3 | 49.5 | 51.7 | 53.9   | 57.1 | 60.3 | 63.4 |
| 5                | 5  | 90          | 49.9 | 50.1 | 50.5 | 51.0 | 51.4 | 51.8 | 52.3 | 53.2 | 54.0 | 55.3 | 56.6 | 57.2 | 57.8 | 58.5 | 59.1 | 59.7 | 60.0                | 47.4 | 49.6 | 51.8 | 54.0   | 57.2 | 60.4 | 63.5 |
| 5                | 6  | 89          | 50.0 | 50.2 | 50.6 | 51.1 | 51.5 | 51.9 | 52.4 | 53.3 | 54.1 | 55.4 | 56.7 | 57.3 | 57.9 | 58.6 | 59.2 | 59.8 | 60.1                | 47.5 | 49.7 | 51.9 | 54.1   | 57.3 | 60.5 | 63.6 |
| 5                | 7  | 85          | 50.1 | 50.3 | 50.7 | 51.2 | 51.6 | 52.1 | 52.5 | 53.4 | 54.2 | 55.5 | 56.8 | 57.4 | 58.0 | 58.7 | 59.3 | 59.9 | 60.2                | 47.7 | 49.9 | 52.1 | 54.2   | 57.4 | 60.6 | 63.7 |
| 5                | 8  | 80          | 50.2 | 50.4 | 50.9 | 51.3 | 51.7 | 52.2 | 52.6 | 53.5 | 54.3 | 55.6 | 56.9 | 57.5 | 58.1 | 58.8 | 59.4 | 60.0 | 60.3                | 47.8 | 50.0 | 52.2 | 54.3   | 57.5 | 60.7 | 63.8 |
| 5                | 9  | 101         | 50.4 | 50.5 | 51.0 | 51.4 | 51.8 | 52.3 | 52.7 | 53.6 | 54.4 | 55.7 | 57.0 | 57.6 | 58.2 | 58.9 | 59.5 | 60.1 | 60.4                | 47.9 | 50.1 | 52.3 | 54.4   | 57.6 | 60.8 | 64.0 |
| 5                | 10 | 77          | 50.5 | 50.7 | 51.1 | 51.5 | 51.9 | 52.4 | 52.8 | 53.7 | 54.5 | 55.8 | 57.1 | 57.7 | 58.3 | 59.0 | 59.6 | 60.2 | 60.5                | 48.1 | 50.2 | 52.4 | 54.5   | 57.7 | 60.9 | 64.1 |
| 5                | 11 | 86          | 50.6 | 50.8 | 51.2 | 51.6 | 52.0 | 52.5 | 52.9 | 53.7 | 54.6 | 55.9 | 57.2 | 57.8 | 58.4 | 59.1 | 59.7 | 60.3 | 60.6                | 48.2 | 50.3 | 52.5 | 54.6   | 57.8 | 61.0 | 64.2 |

ตารางที่ 15 เส้นรอบอก 0-5 ปี เพศหญิง

TABLE 15. CHEST CIRCUMFERENCE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0                | 96 | 29.1        | 29.2 | 29.5 | 29.8 | 30.1 | 30.5 | 30.8 | 31.4 | 32.0 | 32.6 | 33.1 | 33.4 | 33.7 | 33.9 | 34.2 | 34.5 | 34.6 | 27.4                | 28.9 | 30.5 | 32.0 | 33.4   | 34.8 | 36.1 |      |
| 1                | 16 | 30.9        | 31.0 | 31.3 | 31.6 | 31.9 | 32.3 | 32.6 | 33.2 | 33.8 | 34.4 | 35.1 | 35.4 | 35.7 | 36.0 | 36.4 | 36.7 | 36.8 | 29.2                | 30.7 | 32.3 | 33.8 | 35.4   | 37.0 | 38.6 |      |
| 2                | 60 | 32.6        | 32.7 | 33.0 | 33.4 | 33.7 | 34.0 | 34.3 | 35.0 | 35.6 | 36.3 | 37.0 | 37.3 | 37.6 | 38.0 | 38.3 | 38.7 | 38.8 | 30.8                | 32.4 | 34.0 | 35.6 | 37.3   | 39.0 | 40.7 |      |
| 3                | 13 | 34.2        | 34.3 | 34.6 | 35.0 | 35.3 | 35.6 | 35.9 | 36.6 | 37.2 | 37.9 | 38.7 | 39.1 | 39.4 | 39.8 | 40.2 | 40.6 | 40.7 | 32.4                | 34.0 | 35.6 | 37.2 | 39.1   | 40.9 | 42.8 |      |
| 4                | 48 | 35.6        | 35.7 | 36.1 | 36.4 | 36.7 | 37.1 | 37.4 | 38.0 | 38.7 | 39.5 | 40.3 | 40.7 | 41.1 | 41.5 | 41.8 | 42.2 | 42.4 | 33.8                | 35.4 | 37.1 | 38.7 | 40.7   | 42.6 | 44.6 |      |
| 5                | 10 | 36.9        | 37.0 | 37.4 | 37.7 | 38.0 | 38.4 | 38.7 | 39.3 | 40.0 | 40.8 | 41.7 | 42.1 | 42.5 | 42.9 | 43.3 | 43.7 | 43.9 | 35.1                | 36.7 | 38.4 | 40.0 | 42.1   | 44.1 | 46.2 |      |
| 6                | 37 | 37.9        | 38.0 | 38.4 | 38.7 | 39.1 | 39.4 | 39.7 | 40.4 | 41.1 | 42.0 | 42.8 | 43.3 | 43.7 | 44.2 | 44.6 | 45.0 | 45.2 | 36.0                | 37.7 | 39.4 | 41.1 | 43.3   | 45.5 | 47.6 |      |
| 7                | 18 | 38.9        | 39.0 | 39.4 | 39.7 | 40.0 | 40.4 | 40.7 | 41.3 | 42.0 | 42.9 | 43.8 | 44.3 | 44.7 | 45.2 | 45.7 | 46.1 | 46.3 | 37.1                | 38.7 | 40.4 | 42.0 | 44.3   | 46.6 | 48.9 |      |
| 8                | 9  | 39.6        | 39.7 | 40.1 | 40.4 | 40.8 | 41.1 | 41.4 | 42.1 | 42.8 | 43.7 | 44.7 | 45.1 | 45.6 | 46.1 | 46.5 | 47.0 | 47.2 | 37.7                | 39.4 | 41.1 | 42.8 | 45.1   | 47.5 | 49.8 |      |
| 9                | 36 | 40.3        | 40.4 | 40.8 | 41.1 | 41.4 | 41.8 | 42.1 | 42.7 | 43.4 | 44.4 | 45.3 | 45.8 | 46.3 | 46.8 | 47.2 | 47.7 | 47.9 | 38.5                | 40.1 | 41.8 | 43.4 | 45.8   | 48.2 | 50.6 |      |
| 10               | 16 | 40.8        | 40.9 | 41.3 | 41.6 | 42.0 | 42.3 | 42.6 | 43.3 | 44.0 | 45.0 | 45.9 | 46.4 | 46.9 | 47.4 | 47.8 | 48.3 | 48.5 | 38.9                | 40.6 | 42.3 | 44.0 | 46.4   | 48.8 | 51.2 |      |
| 11               | 11 | 41.3        | 41.4 | 41.8 | 42.1 | 42.4 | 42.8 | 43.1 | 43.7 | 44.4 | 45.4 | 46.4 | 46.9 | 47.4 | 47.9 | 48.4 | 48.9 | 49.1 | 39.5                | 41.1 | 42.8 | 44.4 | 46.9   | 49.3 | 51.8 |      |
| 1                | 0  | 13          | 41.7 | 41.8 | 42.2 | 42.5 | 42.8 | 43.1 | 43.4 | 44.1 | 44.7 | 45.7 | 46.7 | 47.2 | 47.7 | 48.2 | 48.7 | 49.2 | 49.4                | 39.9 | 41.5 | 43.1 | 44.7   | 47.2 | 49.7 | 52.2 |
| 1                | 1  | 11          | 41.9 | 42.0 | 42.4 | 42.7 | 43.1 | 43.4 | 43.7 | 44.4 | 45.1 | 46.0 | 47.0 | 47.5 | 48.0 | 48.5 | 49.0 | 49.5 | 49.7                | 40.0 | 41.7 | 43.4 | 45.1   | 47.5 | 50.0 | 52.4 |
| 1                | 2  | 9           | 42.1 | 42.3 | 42.6 | 43.0 | 43.3 | 43.6 | 44.0 | 44.7 | 45.4 | 46.3 | 47.3 | 47.8 | 48.3 | 48.8 | 49.3 | 49.8 | 49.9                | 40.2 | 41.9 | 43.7 | 45.4   | 47.8 | 50.2 | 52.7 |
| 1                | 3  | 24          | 42.3 | 42.5 | 42.8 | 43.2 | 43.5 | 43.9 | 44.3 | 45.0 | 45.7 | 46.6 | 47.6 | 48.1 | 48.6 | 49.1 | 49.5 | 50.0 | 50.2                | 40.4 | 42.1 | 43.9 | 45.7   | 48.1 | 50.5 | 52.9 |
| 1                | 4  | 13          | 42.5 | 42.7 | 43.1 | 43.4 | 43.8 | 44.1 | 44.5 | 45.2 | 45.9 | 46.9 | 47.9 | 48.4 | 48.8 | 49.3 | 49.8 | 50.3 | 50.5                | 40.5 | 42.3 | 44.1 | 45.9   | 48.4 | 50.8 | 53.2 |
| 1                | 5  | 18          | 42.7 | 42.9 | 43.3 | 43.6 | 44.0 | 44.4 | 44.7 | 45.5 | 46.2 | 47.2 | 48.1 | 48.6 | 49.1 | 49.6 | 50.1 | 50.5 | 50.7                | 40.7 | 42.5 | 44.4 | 46.2   | 48.6 | 51.0 | 53.4 |
| 1                | 6  | 41          | 42.9 | 43.1 | 43.5 | 43.8 | 44.2 | 44.6 | 45.0 | 45.7 | 46.5 | 47.4 | 48.4 | 48.9 | 49.3 | 49.8 | 50.3 | 50.8 | 51.0                | 40.9 | 42.7 | 44.6 | 46.5   | 48.9 | 51.3 | 53.7 |
| 1                | 7  | 27          | 43.1 | 43.3 | 43.7 | 44.0 | 44.4 | 44.8 | 45.2 | 45.9 | 46.7 | 47.7 | 48.6 | 49.1 | 49.6 | 50.1 | 50.5 | 51.0 | 51.2                | 41.0 | 42.9 | 44.8 | 46.7   | 49.1 | 51.5 | 53.9 |
| 1                | 8  | 18          | 43.3 | 43.5 | 43.8 | 44.2 | 44.6 | 45.0 | 45.4 | 46.2 | 46.9 | 47.9 | 48.8 | 49.3 | 49.8 | 50.3 | 50.8 | 51.3 | 51.4                | 41.2 | 43.1 | 45.0 | 46.9   | 49.3 | 51.7 | 54.1 |
| 1                | 9  | 24          | 43.5 | 43.6 | 44.0 | 44.4 | 44.8 | 45.2 | 45.6 | 46.4 | 47.1 | 48.1 | 49.1 | 49.6 | 50.0 | 50.5 | 51.0 | 51.5 | 51.7                | 41.3 | 43.2 | 45.2 | 47.1   | 49.6 | 52.0 | 54.4 |
| 1                | 10 | 18          | 43.6 | 43.8 | 44.2 | 44.6 | 45.0 | 45.4 | 45.8 | 46.6 | 47.4 | 48.3 | 49.3 | 49.8 | 50.3 | 50.8 | 51.2 | 51.7 | 51.9                | 41.4 | 43.4 | 45.4 | 47.4   | 49.8 | 52.2 | 54.6 |
| 1                | 11 | 18          | 43.8 | 44.0 | 44.4 | 44.8 | 45.2 | 45.6 | 46.0 | 46.8 | 47.6 | 48.6 | 49.5 | 50.0 | 50.5 | 51.0 | 51.5 | 52.0 | 52.2                | 41.6 | 43.6 | 45.6 | 47.6   | 50.0 | 52.4 | 54.9 |

ตารางที่ 15 เส้นรอบอก 0-5 ปี เพศหญิง

TABLE 15. CHEST CIRCUMFERENCE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 2                | 0  | 25          | 44.0 | 44.1 | 44.5 | 44.9 | 45.3 | 45.8 | 46.2 | 47.0 | 47.8 | 48.8 | 49.7 | 50.2 | 50.7 | 51.2 | 51.7                | 52.2 | 52.4 | 41.7 | 43.7 | 45.8 | 47.8   | 50.2 | 52.7 | 55.1 |
| 2                | 1  | 21          | 44.1 | 44.3 | 44.7 | 45.1 | 45.5 | 45.9 | 46.3 | 47.2 | 48.0 | 49.0 | 50.0 | 50.5 | 50.9 | 51.4 | 51.9                | 52.4 | 52.6 | 41.8 | 43.9 | 45.9 | 48.0   | 50.5 | 52.9 | 55.4 |
| 2                | 2  | 32          | 44.3 | 44.4 | 44.8 | 45.3 | 45.7 | 46.1 | 46.5 | 47.4 | 48.2 | 49.2 | 50.2 | 50.7 | 51.2 | 51.7 | 52.2                | 52.6 | 52.8 | 41.9 | 44.0 | 46.1 | 48.2   | 50.7 | 53.1 | 55.6 |
| 2                | 3  | 36          | 44.4 | 44.6 | 45.0 | 45.4 | 45.8 | 46.3 | 46.7 | 47.5 | 48.4 | 49.4 | 50.4 | 50.9 | 51.4 | 51.9 | 52.4                | 52.9 | 53.1 | 42.0 | 44.2 | 46.3 | 48.4   | 50.9 | 53.4 | 55.8 |
| 2                | 4  | 36          | 44.6 | 44.7 | 45.2 | 45.6 | 46.0 | 46.4 | 46.9 | 47.7 | 48.6 | 49.6 | 50.6 | 51.1 | 51.6 | 52.1 | 52.6                | 53.1 | 53.3 | 42.2 | 44.3 | 46.4 | 48.6   | 51.1 | 53.6 | 56.1 |
| 2                | 5  | 29          | 44.7 | 44.9 | 45.3 | 45.7 | 46.2 | 46.6 | 47.0 | 47.9 | 48.8 | 49.8 | 50.8 | 51.3 | 51.8 | 52.3 | 52.8                | 53.3 | 53.5 | 42.3 | 44.4 | 46.6 | 48.8   | 51.3 | 53.8 | 56.3 |
| 2                | 6  | 53          | 44.8 | 45.0 | 45.5 | 45.9 | 46.3 | 46.8 | 47.2 | 48.1 | 48.9 | 49.9 | 51.0 | 51.5 | 52.0 | 52.5 | 53.0                | 53.5 | 53.7 | 42.4 | 44.6 | 46.8 | 48.9   | 51.5 | 54.0 | 56.5 |
| 2                | 7  | 52          | 45.0 | 45.2 | 45.6 | 46.0 | 46.5 | 46.9 | 47.4 | 48.2 | 49.1 | 50.1 | 51.1 | 51.6 | 52.1 | 52.6 | 53.2                | 53.7 | 53.9 | 42.5 | 44.7 | 46.9 | 49.1   | 51.6 | 54.2 | 56.7 |
| 2                | 8  | 41          | 45.1 | 45.3 | 45.8 | 46.2 | 46.6 | 47.1 | 47.5 | 48.4 | 49.3 | 50.3 | 51.3 | 51.8 | 52.3 | 52.8 | 53.3                | 53.8 | 54.0 | 42.7 | 44.9 | 47.1 | 49.3   | 51.8 | 54.3 | 56.9 |
| 2                | 9  | 50          | 45.3 | 45.5 | 45.9 | 46.4 | 46.8 | 47.2 | 47.7 | 48.6 | 49.4 | 50.5 | 51.5 | 52.0 | 52.5 | 53.0 | 53.5                | 54.0 | 54.2 | 42.8 | 45.0 | 47.2 | 49.4   | 52.0 | 54.5 | 57.1 |
| 2                | 10 | 74          | 45.4 | 45.6 | 46.1 | 46.5 | 46.9 | 47.4 | 47.8 | 48.7 | 49.6 | 50.6 | 51.6 | 52.1 | 52.7 | 53.2 | 53.7                | 54.2 | 54.4 | 43.0 | 45.2 | 47.4 | 49.6   | 52.1 | 54.7 | 57.2 |
| 2                | 11 | 72          | 45.6 | 45.8 | 46.2 | 46.7 | 47.1 | 47.5 | 48.0 | 48.9 | 49.7 | 50.8 | 51.8 | 52.3 | 52.8 | 53.3 | 53.9                | 54.4 | 54.6 | 43.1 | 45.3 | 47.5 | 49.7   | 52.3 | 54.9 | 57.4 |
| 3                | 0  | 85          | 45.8 | 45.9 | 46.4 | 46.8 | 47.2 | 47.7 | 48.1 | 49.0 | 49.9 | 50.9 | 52.0 | 52.5 | 53.0 | 53.5 | 54.0                | 54.5 | 54.7 | 43.3 | 45.5 | 47.7 | 49.9   | 52.5 | 55.1 | 57.6 |
| 3                | 1  | 92          | 45.9 | 46.1 | 46.5 | 47.0 | 47.4 | 47.8 | 48.3 | 49.1 | 50.0 | 51.1 | 52.1 | 52.6 | 53.2 | 53.7 | 54.2                | 54.7 | 54.9 | 43.4 | 45.6 | 47.8 | 50.0   | 52.6 | 55.2 | 57.8 |
| 3                | 2  | 108         | 46.0 | 46.2 | 46.7 | 47.1 | 47.5 | 48.0 | 48.4 | 49.3 | 50.2 | 51.2 | 52.3 | 52.8 | 53.3 | 53.8 | 54.4                | 54.9 | 55.1 | 43.6 | 45.8 | 48.0 | 50.2   | 52.8 | 55.4 | 58.0 |
| 3                | 3  | 92          | 46.2 | 46.4 | 46.8 | 47.2 | 47.7 | 48.1 | 48.5 | 49.4 | 50.3 | 51.4 | 52.4 | 52.9 | 53.5 | 54.0 | 54.5                | 55.1 | 55.3 | 43.8 | 45.9 | 48.1 | 50.3   | 52.9 | 55.5 | 58.3 |
| 3                | 4  | 92          | 46.3 | 46.5 | 46.9 | 47.4 | 47.8 | 48.2 | 48.7 | 49.5 | 50.4 | 51.5 | 52.6 | 53.1 | 53.6 | 54.2 | 54.7                | 55.2 | 55.5 | 43.9 | 46.1 | 48.2 | 50.4   | 53.1 | 55.8 | 58.5 |
| 3                | 5  | 83          | 46.5 | 46.6 | 47.1 | 47.5 | 47.9 | 48.4 | 48.8 | 49.7 | 50.5 | 51.6 | 52.7 | 53.3 | 53.8 | 54.3 | 54.9                | 55.4 | 55.6 | 44.0 | 46.2 | 48.4 | 50.5   | 53.3 | 56.0 | 58.7 |
| 3                | 6  | 107         | 46.6 | 46.8 | 47.2 | 47.6 | 48.1 | 48.5 | 48.9 | 49.8 | 50.7 | 51.8 | 52.9 | 53.4 | 54.0 | 54.5 | 55.1                | 55.6 | 55.8 | 44.2 | 46.3 | 48.5 | 50.7   | 53.4 | 56.1 | 58.9 |
| 3                | 7  | 101         | 46.7 | 46.9 | 47.3 | 47.7 | 48.2 | 48.6 | 49.0 | 49.9 | 50.7 | 51.9 | 53.0 | 53.5 | 54.1 | 54.7 | 55.2                | 55.8 | 56.0 | 44.3 | 46.4 | 48.6 | 50.7   | 53.5 | 56.3 | 59.1 |
| 3                | 8  | 96          | 46.8 | 47.0 | 47.4 | 47.8 | 48.3 | 48.7 | 49.1 | 50.0 | 50.8 | 52.0 | 53.1 | 53.7 | 54.2 | 54.8 | 55.4                | 55.9 | 56.2 | 44.4 | 46.6 | 48.7 | 50.8   | 53.7 | 56.5 | 59.4 |
| 3                | 9  | 104         | 46.9 | 47.1 | 47.5 | 47.9 | 48.4 | 48.8 | 49.2 | 50.1 | 50.9 | 52.1 | 53.2 | 53.8 | 54.4 | 55.0 | 55.5                | 56.1 | 56.3 | 44.5 | 46.7 | 48.8 | 50.9   | 53.8 | 56.7 | 59.6 |
| 3                | 10 | 128         | 47.0 | 47.2 | 47.6 | 48.0 | 48.5 | 48.9 | 49.3 | 50.2 | 51.0 | 52.2 | 53.4 | 53.9 | 54.5 | 55.1 | 55.7                | 56.3 | 56.5 | 44.6 | 46.8 | 48.9 | 51.0   | 53.9 | 56.9 | 59.8 |
| 3                | 11 | 101         | 47.1 | 47.3 | 47.7 | 48.1 | 48.5 | 49.0 | 49.4 | 50.2 | 51.1 | 52.3 | 53.5 | 54.1 | 54.7 | 55.3 | 55.9                | 56.5 | 56.7 | 44.7 | 46.9 | 49.0 | 51.1   | 54.1 | 57.1 | 60.0 |

TABLE 15. CHEST CIRCUMFERENCE : GIRLS

## ตารางที่ 15 เส้นรอบอก 0-5 ปี เพศหญิง

| อายุ<br>เดือน | N  | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |      |
|---------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|------|
|               |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 4             | 0  | 109         | 47.2 | 47.4 | 47.8 | 48.2 | 48.6 | 49.1 | 49.5 | 50.3 | 51.2 | 52.4 | 53.6 | 54.2 | 54.8 | 55.4 | 56.0                | 56.6 | 56.9 | 44.8 | 46.9 | 49.1   | 51.2 | 54.2 | 57.2 | 60.3 |
| 4             | 1  | 88          | 47.3 | 47.4 | 47.9 | 48.3 | 48.7 | 49.1 | 49.6 | 50.4 | 51.3 | 52.5 | 53.7 | 54.4 | 55.0 | 55.6 | 56.2                | 56.8 | 57.1 | 44.9 | 47.0 | 49.1   | 51.3 | 54.4 | 57.4 | 60.5 |
| 4             | 2  | 100         | 47.4 | 47.5 | 47.9 | 48.4 | 48.8 | 49.2 | 49.7 | 50.5 | 51.4 | 52.6 | 53.9 | 54.5 | 55.1 | 55.8 | 56.4                | 57.0 | 57.3 | 45.0 | 47.1 | 49.2   | 51.4 | 54.5 | 57.6 | 60.8 |
| 4             | 3  | 82          | 47.4 | 47.6 | 48.0 | 48.5 | 48.9 | 49.3 | 49.7 | 50.6 | 51.5 | 52.7 | 54.0 | 54.6 | 55.3 | 55.9 | 56.6                | 57.2 | 57.4 | 45.0 | 47.2 | 49.3   | 51.5 | 54.6 | 57.8 | 61.0 |
| 4             | 4  | 96          | 47.5 | 47.7 | 48.1 | 48.5 | 49.0 | 49.4 | 49.8 | 50.7 | 51.5 | 52.8 | 54.1 | 54.8 | 55.4 | 56.1 | 56.7                | 57.4 | 57.6 | 45.1 | 47.2 | 49.4   | 51.5 | 54.8 | 58.0 | 61.3 |
| 4             | 5  | 111         | 47.6 | 47.7 | 48.2 | 48.6 | 49.0 | 49.5 | 49.9 | 50.8 | 51.6 | 53.0 | 54.3 | 54.9 | 55.6 | 56.2 | 56.9                | 57.6 | 57.8 | 45.1 | 47.3 | 49.5   | 51.6 | 54.9 | 58.2 | 61.5 |
| 4             | 6  | 85          | 47.6 | 47.8 | 48.2 | 48.7 | 49.1 | 49.5 | 50.0 | 50.9 | 51.7 | 53.1 | 54.4 | 55.1 | 55.7 | 56.4 | 57.1                | 57.7 | 58.0 | 45.2 | 47.4 | 49.6   | 51.7 | 55.1 | 58.4 | 61.8 |
| 4             | 7  | 91          | 47.7 | 47.9 | 48.3 | 48.8 | 49.2 | 49.6 | 50.1 | 50.9 | 51.8 | 53.2 | 54.5 | 55.2 | 55.9 | 56.6 | 57.3                | 57.9 | 58.2 | 45.2 | 47.4 | 49.6   | 51.8 | 55.2 | 58.6 | 62.0 |
| 4             | 8  | 94          | 47.8 | 47.9 | 48.4 | 48.8 | 49.3 | 49.7 | 50.2 | 51.0 | 51.9 | 53.3 | 54.7 | 55.4 | 56.1 | 56.7 | 57.4                | 58.1 | 58.4 | 45.3 | 47.5 | 49.7   | 51.9 | 55.4 | 58.8 | 62.2 |
| 4             | 9  | 94          | 47.8 | 48.0 | 48.5 | 48.9 | 49.4 | 49.8 | 50.2 | 51.1 | 52.0 | 53.4 | 54.8 | 55.5 | 56.2 | 56.9 | 57.6                | 58.3 | 58.6 | 45.4 | 47.6 | 49.8   | 52.0 | 55.5 | 59.0 | 62.5 |
| 4             | 10 | 90          | 47.9 | 48.1 | 48.5 | 49.0 | 49.4 | 49.9 | 50.3 | 51.2 | 52.1 | 53.5 | 55.0 | 55.7 | 56.4 | 57.1 | 57.8                | 58.5 | 58.8 | 45.4 | 47.7 | 49.9   | 52.1 | 55.7 | 59.2 | 62.7 |
| 4             | 11 | 90          | 48.0 | 48.2 | 48.6 | 49.1 | 49.5 | 50.0 | 50.4 | 51.3 | 52.2 | 53.7 | 55.1 | 55.8 | 56.5 | 57.2 | 58.0                | 58.7 | 59.0 | 45.5 | 47.7 | 50.0   | 52.2 | 55.8 | 59.4 | 63.0 |
| 5             | 0  | 92          | 48.1 | 48.3 | 48.7 | 49.2 | 49.6 | 50.1 | 50.5 | 51.4 | 52.3 | 53.8 | 55.2 | 56.0 | 56.7 | 57.4 | 58.1                | 58.9 | 59.1 | 45.6 | 47.8 | 50.1   | 52.3 | 56.0 | 59.6 | 63.2 |
| 5             | 1  | 90          | 48.2 | 48.4 | 48.8 | 49.3 | 49.7 | 50.2 | 50.6 | 51.5 | 52.5 | 53.9 | 55.4 | 56.1 | 56.8 | 57.6 | 58.3                | 59.0 | 59.3 | 45.6 | 47.9 | 50.2   | 52.5 | 56.1 | 59.8 | 63.4 |
| 5             | 2  | 98          | 48.3 | 48.5 | 48.9 | 49.4 | 49.8 | 50.3 | 50.7 | 51.7 | 52.6 | 54.0 | 55.5 | 56.3 | 57.0 | 57.7 | 58.5                | 59.2 | 59.5 | 45.7 | 48.0 | 50.3   | 52.6 | 56.3 | 60.0 | 63.7 |
| 5             | 3  | 105         | 48.4 | 48.6 | 49.0 | 49.5 | 49.9 | 50.4 | 50.9 | 51.8 | 52.7 | 54.2 | 55.7 | 56.4 | 57.2 | 57.9 | 58.7                | 59.4 | 59.7 | 45.8 | 48.1 | 50.4   | 52.7 | 56.4 | 60.2 | 63.9 |
| 5             | 4  | 96          | 48.5 | 48.7 | 49.1 | 49.6 | 50.1 | 50.5 | 51.0 | 51.9 | 52.8 | 54.3 | 55.8 | 56.6 | 57.3 | 58.1 | 58.8                | 59.6 | 59.9 | 45.9 | 48.2 | 50.5   | 52.8 | 56.6 | 60.3 | 64.1 |
| 5             | 5  | 98          | 48.6 | 48.8 | 49.3 | 49.7 | 50.2 | 50.6 | 51.1 | 52.0 | 52.9 | 54.4 | 56.0 | 56.7 | 57.5 | 58.2 | 59.0                | 59.8 | 60.1 | 46.1 | 48.4 | 50.6   | 52.9 | 56.7 | 60.5 | 64.3 |
| 5             | 6  | 113         | 48.8 | 48.9 | 49.4 | 49.9 | 50.3 | 50.8 | 51.2 | 52.1 | 53.0 | 54.6 | 56.1 | 56.9 | 57.6 | 58.4 | 59.1                | 59.9 | 60.2 | 46.2 | 48.5 | 50.8   | 53.0 | 56.9 | 60.7 | 64.5 |
| 5             | 7  | 99          | 48.9 | 49.1 | 49.5 | 50.0 | 50.4 | 50.9 | 51.4 | 52.3 | 53.2 | 54.7 | 56.2 | 57.0 | 57.8 | 58.5 | 59.3                | 60.1 | 60.4 | 46.4 | 48.6 | 50.9   | 53.2 | 57.0 | 60.8 | 64.6 |
| 5             | 8  | 85          | 49.0 | 49.2 | 49.7 | 50.1 | 50.6 | 51.0 | 51.5 | 52.4 | 53.3 | 54.8 | 56.4 | 57.1 | 57.9 | 58.7 | 59.4                | 60.2 | 60.5 | 46.5 | 48.8 | 51.0   | 53.3 | 57.1 | 61.0 | 64.8 |
| 5             | 9  | 86          | 49.2 | 49.4 | 49.8 | 50.3 | 50.7 | 51.2 | 51.6 | 52.5 | 53.4 | 55.0 | 56.5 | 57.3 | 58.0 | 58.8 | 59.6                | 60.3 | 60.6 | 46.7 | 48.9 | 51.2   | 53.4 | 57.3 | 61.1 | 64.9 |
| 5             | 10 | 102         | 49.3 | 49.5 | 50.0 | 50.4 | 50.9 | 51.3 | 51.8 | 52.7 | 53.6 | 55.1 | 56.6 | 57.4 | 58.2 | 58.9 | 59.7                | 60.5 | 60.8 | 46.8 | 49.1 | 51.3   | 53.6 | 57.4 | 61.2 | 65.1 |
| 5             | 11 | 96          | 49.5 | 49.7 | 50.1 | 50.6 | 51.0 | 51.5 | 51.9 | 52.8 | 53.7 | 55.2 | 56.8 | 57.5 | 58.3 | 59.1 | 59.8                | 60.6 | 60.9 | 47.0 | 49.2 | 51.5   | 53.7 | 57.5 | 61.4 | 65.2 |

ตารางที่ 16 เส้นรอบวงกึ่งกลางแขนซ้าย 0-5 ปี เพศชาย

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90                 | P95  | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
|                  | 0  | 113         | 8.5  | 8.6  | 8.7  | 8.9  | 9.0  | 9.2  | 9.4  | 9.7  | 10.0 | 10.3 | 10.7 | 10.9 | 11.0 | 11.2 | 11.4                | 11.5 | 11.6 | 7.6  | 8.4  | 9.2  | 10.0   | 10.9 | 11.7 | 12.6 |
|                  | 1  | 19          | 9.2  | 9.3  | 9.4  | 9.6  | 9.7  | 9.9  | 10.1 | 10.4 | 10.7 | 11.1 | 11.4 | 11.6 | 11.8 | 12.0 | 12.1                | 12.3 | 12.4 | 8.3  | 9.1  | 9.9  | 10.7   | 11.6 | 12.5 | 13.4 |
|                  | 2  | 72          | 10.0 | 10.1 | 10.2 | 10.4 | 10.5 | 10.7 | 10.9 | 11.2 | 11.5 | 11.9 | 12.2 | 12.4 | 12.6 | 12.8 | 12.9                | 13.1 | 13.2 | 9.1  | 9.9  | 10.7 | 11.5   | 12.4 | 13.3 | 14.2 |
|                  | 3  | 13          | 10.6 | 10.7 | 10.8 | 11.0 | 11.2 | 11.3 | 11.5 | 11.9 | 12.2 | 12.6 | 13.0 | 13.2 | 13.3 | 13.5 | 13.7                | 13.9 | 14.0 | 9.6  | 10.5 | 11.3 | 12.2   | 13.2 | 14.1 | 15.1 |
|                  | 4  | 55          | 11.2 | 11.3 | 11.4 | 11.6 | 11.7 | 11.9 | 12.1 | 12.4 | 12.7 | 13.1 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3                | 14.5 | 14.6 | 10.3 | 11.1 | 11.9 | 12.7   | 13.7 | 14.7 | 15.7 |
|                  | 5  | 28          | 11.6 | 11.7 | 11.8 | 12.0 | 12.2 | 12.3 | 12.5 | 12.9 | 13.2 | 13.6 | 14.0 | 14.2 | 14.4 | 14.6 | 14.8                | 15.0 | 15.1 | 10.6 | 11.5 | 12.3 | 13.2   | 14.2 | 15.2 | 16.2 |
|                  | 6  | 56          | 12.0 | 12.1 | 12.2 | 12.4 | 12.6 | 12.7 | 12.9 | 13.3 | 13.6 | 14.0 | 14.4 | 14.6 | 14.8 | 15.0 | 15.2                | 15.4 | 15.5 | 11.0 | 11.9 | 12.7 | 13.6   | 14.6 | 15.6 | 16.6 |
|                  | 7  | 15          | 12.3 | 12.4 | 12.5 | 12.7 | 12.9 | 13.0 | 13.2 | 13.6 | 13.9 | 14.3 | 14.7 | 14.9 | 15.1 | 15.3 | 15.5                | 15.7 | 15.8 | 11.3 | 12.2 | 13.0 | 13.9   | 14.9 | 15.9 | 16.9 |
|                  | 8  | 13          | 12.5 | 12.6 | 12.7 | 12.9 | 13.1 | 13.2 | 13.4 | 13.8 | 14.1 | 14.5 | 14.9 | 15.1 | 15.3 | 15.5 | 15.7                | 15.9 | 16.0 | 11.5 | 12.4 | 13.2 | 14.1   | 15.1 | 16.1 | 17.1 |
|                  | 9  | 50          | 12.7 | 12.7 | 12.9 | 13.0 | 13.2 | 13.4 | 13.5 | 13.9 | 14.2 | 14.6 | 15.0 | 15.2 | 15.4 | 15.7 | 15.9                | 16.1 | 16.2 | 11.7 | 12.6 | 13.4 | 14.2   | 15.2 | 16.3 | 17.3 |
|                  | 10 | 24          | 12.8 | 12.8 | 13.0 | 13.2 | 13.3 | 13.5 | 13.6 | 14.0 | 14.3 | 14.7 | 15.2 | 15.4 | 15.6 | 15.8 | 16.0                | 16.2 | 16.3 | 11.9 | 12.7 | 13.5 | 14.3   | 15.4 | 16.4 | 17.5 |
|                  | 11 | 14          | 12.8 | 12.9 | 13.1 | 13.2 | 13.4 | 13.6 | 13.7 | 14.1 | 14.4 | 14.8 | 15.2 | 15.5 | 15.7 | 15.9 | 16.1                | 16.3 | 16.4 | 11.9 | 12.7 | 13.6 | 14.4   | 15.5 | 16.5 | 17.6 |
| 1                | 0  | 33          | 12.9 | 13.0 | 13.1 | 13.3 | 13.5 | 13.6 | 13.8 | 14.1 | 14.5 | 14.9 | 15.3 | 15.6 | 15.8 | 16.0 | 16.2                | 16.4 | 16.5 | 11.9 | 12.8 | 13.6 | 14.5   | 15.6 | 16.6 | 17.7 |
| 1                | 1  | 18          | 13.0 | 13.0 | 13.2 | 13.4 | 13.5 | 13.7 | 13.9 | 14.2 | 14.6 | 15.0 | 15.4 | 15.7 | 15.9 | 16.1 | 16.3                | 16.5 | 16.6 | 12.0 | 12.8 | 13.7 | 14.6   | 15.7 | 16.8 | 17.8 |
| 1                | 2  | 12          | 13.0 | 13.1 | 13.3 | 13.4 | 13.6 | 13.8 | 14.0 | 14.3 | 14.7 | 15.1 | 15.5 | 15.8 | 16.0 | 16.2 | 16.4                | 16.6 | 16.7 | 12.0 | 12.9 | 13.8 | 14.7   | 15.8 | 16.9 | 18.0 |
| 1                | 3  | 17          | 13.1 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.0 | 14.4 | 14.8 | 15.2 | 15.6 | 15.9 | 16.1 | 16.3 | 16.5                | 16.7 | 16.8 | 12.1 | 13.0 | 13.9 | 14.8   | 15.9 | 17.0 | 18.1 |
| 1                | 4  | 16          | 13.1 | 13.2 | 13.4 | 13.6 | 13.7 | 13.9 | 14.1 | 14.5 | 14.8 | 15.3 | 15.7 | 16.0 | 16.2 | 16.4 | 16.6                | 16.8 | 16.9 | 12.1 | 13.0 | 13.9 | 14.8   | 16.0 | 17.1 | 18.2 |
| 1                | 5  | 20          | 13.2 | 13.3 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.6 | 14.9 | 15.4 | 15.8 | 16.0 | 16.3 | 16.5 | 16.7                | 16.9 | 17.0 | 12.2 | 13.1 | 14.0 | 14.9   | 16.0 | 17.2 | 18.3 |
| 1                | 6  | 56          | 13.2 | 13.3 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.6 | 15.0 | 15.5 | 15.9 | 16.1 | 16.4 | 16.6 | 16.8                | 17.0 | 17.1 | 12.2 | 13.1 | 14.1 | 15.0   | 16.1 | 17.3 | 18.4 |
| 1                | 7  | 31          | 13.3 | 13.4 | 13.6 | 13.8 | 13.9 | 14.1 | 14.3 | 14.7 | 15.1 | 15.5 | 16.0 | 16.2 | 16.5 | 16.7 | 16.9                | 17.1 | 17.2 | 12.2 | 13.2 | 14.1 | 15.1   | 16.2 | 17.4 | 18.5 |
| 1                | 8  | 13          | 13.3 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.8 | 15.2 | 15.6 | 16.1 | 16.3 | 16.5 | 16.8 | 17.0                | 17.2 | 17.3 | 12.3 | 13.2 | 14.2 | 15.2   | 16.3 | 17.5 | 18.6 |
| 1                | 9  | 34          | 13.4 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.4 | 14.8 | 15.2 | 15.7 | 16.2 | 16.4 | 16.6 | 16.9 | 17.1                | 17.3 | 17.4 | 12.3 | 13.3 | 14.3 | 15.2   | 16.4 | 17.6 | 18.8 |
| 1                | 10 | 20          | 13.4 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.5 | 14.9 | 15.3 | 15.8 | 16.3 | 16.5 | 16.7 | 17.0 | 17.2                | 17.4 | 17.5 | 12.3 | 13.3 | 14.3 | 15.3   | 16.5 | 17.7 | 18.9 |
| 1                | 11 | 20          | 13.5 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 15.0 | 15.4 | 15.9 | 16.3 | 16.6 | 17.1 | 17.3 | 17.5                | 17.6 | 17.6 | 12.4 | 13.4 | 14.4 | 15.4   | 16.6 | 17.8 | 19.0 |

ตารางที่ 16 เส้นรอบวงกึ่งกลางแขนซ้าย 0-5 ปี เพศชาย

TABLE 16. MID-ARM CIRCUMFERENCE : BOYS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 2                | 0  | 41          | 13.5 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 15.0 | 15.4 | 15.9 | 16.4 | 16.7 | 16.9 | 17.1 | 17.4 | 17.6                | 17.7 | 12.4 | 13.4 | 14.4 | 15.4   | 16.7 | 17.9 | 19.1 |
| 2                | 1  | 19          | 13.6 | 13.6 | 13.8 | 14.0 | 14.3 | 14.5 | 14.7 | 15.1 | 15.5 | 16.0 | 16.5 | 16.7 | 17.0 | 17.2 | 17.5 | 17.7                | 17.8 | 12.4 | 13.4 | 14.5 | 15.5   | 16.7 | 18.0 | 19.2 |
| 2                | 2  | 29          | 13.6 | 13.7 | 13.9 | 14.1 | 14.3 | 14.5 | 14.7 | 15.1 | 15.5 | 16.0 | 16.5 | 16.8 | 17.0 | 17.3 | 17.5 | 17.8                | 17.9 | 12.4 | 13.5 | 14.5 | 15.5   | 16.8 | 18.1 | 19.3 |
| 2                | 3  | 34          | 13.6 | 13.7 | 13.9 | 14.1 | 14.3 | 14.5 | 14.7 | 15.2 | 15.6 | 16.1 | 16.6 | 16.9 | 17.1 | 17.4 | 17.6 | 17.9                | 18.0 | 12.4 | 13.5 | 14.5 | 15.6   | 16.9 | 18.1 | 19.4 |
| 2                | 4  | 40          | 13.6 | 13.7 | 13.9 | 14.1 | 14.4 | 14.6 | 14.8 | 15.2 | 15.6 | 16.1 | 16.7 | 16.9 | 17.2 | 17.5 | 17.7 | 18.0                | 18.1 | 12.5 | 13.5 | 14.6 | 15.6   | 16.9 | 18.2 | 19.5 |
| 2                | 5  | 36          | 13.7 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 14.8 | 15.2 | 15.7 | 16.2 | 16.7 | 17.0 | 17.3 | 17.5 | 17.8 | 18.1                | 18.2 | 12.5 | 13.5 | 14.6 | 15.7   | 17.0 | 18.3 | 19.6 |
| 2                | 6  | 50          | 13.7 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 14.9 | 15.3 | 15.7 | 16.3 | 16.8 | 17.1 | 17.3 | 17.6 | 17.9 | 18.1                | 18.2 | 12.5 | 13.6 | 14.6 | 15.7   | 17.1 | 18.4 | 19.7 |
| 2                | 7  | 55          | 13.7 | 13.8 | 14.0 | 14.2 | 14.5 | 14.7 | 14.9 | 15.3 | 15.8 | 16.3 | 16.8 | 17.1 | 17.4 | 17.7 | 17.9 | 18.2                | 18.3 | 12.5 | 13.6 | 14.7 | 15.8   | 17.1 | 18.5 | 19.8 |
| 2                | 8  | 61          | 13.7 | 13.8 | 14.0 | 14.3 | 14.5 | 14.7 | 14.9 | 15.4 | 15.8 | 16.4 | 16.9 | 17.2 | 17.5 | 17.7 | 18.0 | 18.3                | 18.4 | 12.5 | 13.6 | 14.7 | 15.8   | 17.2 | 18.6 | 19.9 |
| 2                | 9  | 65          | 13.8 | 13.8 | 14.1 | 14.3 | 14.5 | 14.7 | 15.0 | 15.4 | 15.8 | 16.4 | 17.0 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4                | 18.5 | 12.5 | 13.6 | 14.7 | 15.8   | 17.2 | 18.6 | 20.0 |
| 2                | 10 | 59          | 13.8 | 13.9 | 14.1 | 14.3 | 14.5 | 14.8 | 15.0 | 15.4 | 15.9 | 16.4 | 17.0 | 17.3 | 17.6 | 17.9 | 18.1 | 18.4                | 18.5 | 12.5 | 13.6 | 14.8 | 15.9   | 17.3 | 18.7 | 20.1 |
| 2                | 11 | 80          | 13.8 | 13.9 | 14.1 | 14.3 | 14.6 | 14.8 | 15.0 | 15.5 | 15.9 | 16.5 | 17.1 | 17.3 | 17.6 | 17.9 | 18.2 | 18.5                | 18.6 | 12.5 | 13.7 | 14.8 | 15.9   | 17.3 | 18.8 | 20.2 |
| 3                | 0  | 71          | 13.8 | 13.9 | 14.1 | 14.4 | 14.6 | 14.8 | 15.0 | 15.5 | 16.0 | 16.5 | 17.1 | 17.4 | 17.7 | 18.0 | 18.3 | 18.6                | 18.7 | 12.5 | 13.7 | 14.8 | 16.0   | 17.4 | 18.8 | 20.3 |
| 3                | 1  | 75          | 13.8 | 13.9 | 14.2 | 14.4 | 14.6 | 14.8 | 15.1 | 15.5 | 16.0 | 16.6 | 17.2 | 17.4 | 17.7 | 18.0 | 18.3 | 18.6                | 18.7 | 12.5 | 13.7 | 14.8 | 16.0   | 17.4 | 18.9 | 20.4 |
| 3                | 2  | 82          | 13.8 | 13.9 | 14.2 | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 | 16.0 | 16.6 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7                | 18.8 | 12.6 | 13.7 | 14.9 | 16.0   | 17.5 | 19.0 | 20.5 |
| 3                | 3  | 97          | 13.9 | 14.0 | 14.2 | 14.4 | 14.7 | 14.9 | 15.1 | 15.6 | 16.0 | 16.6 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7                | 18.9 | 12.6 | 13.7 | 14.9 | 16.0   | 17.5 | 19.0 | 20.5 |
| 3                | 4  | 104         | 13.9 | 14.0 | 14.2 | 14.4 | 14.7 | 14.9 | 15.1 | 15.6 | 16.1 | 16.7 | 17.3 | 17.6 | 17.9 | 18.2 | 18.5 | 18.8                | 18.9 | 12.6 | 13.7 | 14.9 | 16.1   | 17.6 | 19.1 | 20.6 |
| 3                | 5  | 95          | 13.9 | 14.0 | 14.2 | 14.5 | 14.7 | 14.9 | 15.2 | 15.6 | 16.1 | 16.7 | 17.3 | 17.6 | 17.9 | 18.2 | 18.5 | 18.8                | 19.0 | 12.6 | 13.8 | 14.9 | 16.1   | 17.6 | 19.2 | 20.7 |
| 3                | 6  | 92          | 13.9 | 14.0 | 14.2 | 14.5 | 14.7 | 14.9 | 15.2 | 15.7 | 16.1 | 16.7 | 17.4 | 17.7 | 18.0 | 18.3 | 18.6 | 18.9                | 19.0 | 12.6 | 13.8 | 14.9 | 16.1   | 17.7 | 19.2 | 20.8 |
| 3                | 7  | 105         | 13.9 | 14.0 | 14.3 | 14.5 | 14.7 | 15.0 | 15.2 | 15.7 | 16.1 | 16.8 | 17.4 | 17.7 | 18.0 | 18.3 | 18.6 | 19.0                | 19.1 | 12.6 | 13.8 | 15.0 | 16.1   | 17.7 | 19.3 | 20.8 |
| 3                | 8  | 103         | 13.9 | 14.0 | 14.3 | 14.5 | 14.7 | 15.0 | 15.2 | 15.7 | 16.2 | 16.8 | 17.4 | 17.7 | 18.1 | 18.4 | 18.7 | 19.0                | 19.1 | 12.6 | 13.8 | 15.0 | 16.2   | 17.7 | 19.3 | 20.9 |
| 3                | 9  | 108         | 14.0 | 14.1 | 14.3 | 14.5 | 14.8 | 15.0 | 15.2 | 15.7 | 16.2 | 16.8 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0                | 19.2 | 12.6 | 13.8 | 15.0 | 16.2   | 17.8 | 19.4 | 21.0 |
| 3                | 10 | 92          | 14.0 | 14.1 | 14.3 | 14.5 | 14.8 | 15.0 | 15.3 | 15.7 | 16.2 | 16.8 | 17.5 | 17.8 | 18.1 | 18.5 | 18.8 | 19.1                | 19.2 | 12.7 | 13.8 | 15.0 | 16.2   | 17.8 | 19.4 | 21.0 |
| 3                | 11 | 91          | 14.0 | 14.1 | 14.3 | 14.6 | 14.8 | 15.0 | 15.3 | 15.7 | 16.2 | 16.9 | 17.5 | 17.8 | 18.2 | 18.5 | 18.8 | 19.1                | 19.3 | 12.7 | 13.8 | 15.0 | 16.2   | 17.8 | 19.5 | 21.1 |

TABLE 16. MID-ARM CIRCUMFERENCE : BOYS

ตารางที่ 16 เส้นรอบวงกึ่งกลางแขนซ้าย 0-5 ปี เพศชาย

| อายุ | ปี เดือน | N   | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|------|----------|-----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|      |          |     | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4    | 0        | 88  | 14.0        | 14.1 | 14.3 | 14.6 | 14.8 | 15.0 | 15.3 | 15.8 | 16.2 | 16.9 | 17.5 | 17.9 | 18.2 | 18.5 | 18.9 | 19.2                | 19.3 | 12.7 | 13.9 | 15.0 | 16.2   | 17.9 | 19.5 | 21.2 |
| 4    | 1        | 86  | 14.0        | 14.1 | 14.4 | 14.6 | 14.8 | 15.1 | 15.3 | 15.8 | 16.2 | 16.9 | 17.6 | 17.9 | 18.2 | 18.6 | 18.9 | 19.2                | 19.4 | 12.7 | 13.9 | 15.1 | 16.2   | 17.9 | 19.6 | 21.2 |
| 4    | 2        | 82  | 14.0        | 14.1 | 14.4 | 14.6 | 14.8 | 15.1 | 15.3 | 15.8 | 16.3 | 16.9 | 17.6 | 17.9 | 18.3 | 18.6 | 18.9 | 19.3                | 19.4 | 12.7 | 13.9 | 15.1 | 16.3   | 17.9 | 19.6 | 21.3 |
| 4    | 3        | 93  | 14.0        | 14.1 | 14.4 | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 | 16.3 | 16.9 | 17.6 | 18.0 | 18.3 | 18.6 | 19.0 | 19.3                | 19.4 | 12.7 | 13.9 | 15.1 | 16.3   | 18.0 | 19.7 | 21.3 |
| 4    | 4        | 84  | 14.1        | 14.2 | 14.4 | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 | 16.3 | 17.0 | 17.6 | 18.0 | 18.3 | 18.7 | 19.0 | 19.4                | 19.5 | 12.7 | 13.9 | 15.1 | 16.3   | 18.0 | 19.7 | 21.4 |
| 4    | 5        | 102 | 14.1        | 14.2 | 14.4 | 14.5 | 14.9 | 15.1 | 15.4 | 15.8 | 16.3 | 17.0 | 17.7 | 18.0 | 18.4 | 18.7 | 19.1 | 19.4                | 19.5 | 12.8 | 13.9 | 15.1 | 16.3   | 18.0 | 19.7 | 21.5 |
| 4    | 6        | 96  | 14.1        | 14.2 | 14.4 | 14.7 | 14.9 | 15.1 | 15.4 | 15.8 | 16.3 | 17.0 | 17.7 | 18.0 | 18.4 | 18.7 | 19.1 | 19.4                | 19.6 | 12.8 | 14.0 | 15.1 | 16.3   | 18.0 | 19.8 | 21.5 |
| 4    | 7        | 94  | 14.1        | 14.2 | 14.4 | 14.7 | 14.9 | 15.1 | 15.4 | 15.8 | 16.3 | 17.0 | 17.7 | 18.1 | 18.4 | 18.8 | 19.1 | 19.5                | 19.6 | 12.8 | 14.0 | 15.1 | 16.3   | 18.1 | 19.8 | 21.6 |
| 4    | 8        | 89  | 14.1        | 14.2 | 14.5 | 14.7 | 14.9 | 15.2 | 15.4 | 15.9 | 16.3 | 17.0 | 17.7 | 18.1 | 18.5 | 18.8 | 19.2 | 19.5                | 19.7 | 12.8 | 14.0 | 15.2 | 16.3   | 18.1 | 19.9 | 21.6 |
| 4    | 9        | 86  | 14.1        | 14.2 | 14.5 | 14.7 | 14.9 | 15.2 | 15.4 | 15.9 | 16.3 | 17.1 | 17.8 | 18.1 | 18.5 | 18.8 | 19.2 | 19.6                | 19.7 | 12.8 | 14.0 | 15.2 | 16.3   | 18.1 | 19.9 | 21.7 |
| 4    | 10       | 100 | 14.2        | 14.2 | 14.5 | 14.7 | 15.0 | 15.2 | 15.4 | 15.9 | 16.4 | 17.1 | 17.8 | 18.2 | 18.5 | 18.9 | 19.2 | 19.6                | 19.7 | 12.8 | 14.0 | 15.2 | 16.4   | 18.2 | 20.0 | 21.8 |
| 4    | 11       | 82  | 14.2        | 14.3 | 14.5 | 14.7 | 15.0 | 15.2 | 15.4 | 15.9 | 16.4 | 17.1 | 17.8 | 18.2 | 18.6 | 18.9 | 19.3 | 19.6                | 19.8 | 12.9 | 14.0 | 15.2 | 16.4   | 18.2 | 20.0 | 21.8 |
| 5    | 0        | 84  | 14.2        | 14.3 | 14.5 | 14.7 | 15.0 | 15.2 | 15.5 | 15.9 | 16.4 | 17.1 | 17.9 | 18.2 | 18.6 | 19.0 | 19.3 | 19.7                | 19.8 | 12.9 | 14.0 | 15.2 | 16.4   | 18.2 | 20.0 | 21.9 |
| 5    | 1        | 96  | 14.2        | 14.3 | 14.5 | 14.8 | 15.0 | 15.2 | 15.5 | 15.9 | 16.4 | 17.1 | 17.9 | 18.2 | 18.6 | 19.0 | 19.4 | 19.7                | 19.9 | 12.9 | 14.1 | 15.2 | 16.4   | 18.2 | 20.1 | 21.9 |
| 5    | 2        | 82  | 14.2        | 14.3 | 14.5 | 14.8 | 15.0 | 15.2 | 15.5 | 15.9 | 16.4 | 17.2 | 17.9 | 18.3 | 18.7 | 19.0 | 19.4 | 19.8                | 19.9 | 12.9 | 14.1 | 15.2 | 16.4   | 18.3 | 20.1 | 22.0 |
| 5    | 3        | 97  | 14.2        | 14.3 | 14.6 | 14.8 | 15.0 | 15.3 | 15.5 | 16.0 | 16.4 | 17.2 | 17.9 | 18.3 | 18.7 | 19.1 | 19.4 | 19.8                | 20.0 | 12.9 | 14.1 | 15.3 | 16.4   | 18.3 | 20.2 | 22.1 |
| 5    | 4        | 97  | 14.2        | 14.3 | 14.6 | 14.8 | 15.0 | 15.3 | 15.5 | 16.0 | 16.5 | 17.2 | 18.0 | 18.3 | 18.7 | 19.1 | 19.5 | 19.8                | 20.0 | 12.9 | 14.1 | 15.3 | 16.5   | 18.3 | 20.2 | 22.1 |
| 5    | 5        | 90  | 14.2        | 14.3 | 14.6 | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 | 16.5 | 17.2 | 18.0 | 18.4 | 18.8 | 19.1 | 19.5 | 19.9                | 20.0 | 12.9 | 14.1 | 15.3 | 16.5   | 18.4 | 20.3 | 22.2 |
| 5    | 6        | 89  | 14.3        | 14.4 | 14.6 | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 | 16.5 | 17.3 | 18.0 | 18.4 | 18.8 | 19.2 | 19.6 | 19.9                | 20.1 | 12.9 | 14.1 | 15.3 | 16.5   | 18.4 | 20.3 | 22.2 |
| 5    | 7        | 85  | 14.3        | 14.4 | 14.6 | 14.8 | 15.1 | 15.3 | 15.6 | 16.0 | 16.5 | 17.3 | 18.1 | 18.4 | 18.8 | 19.2 | 19.6 | 20.0                | 20.1 | 12.9 | 14.1 | 15.3 | 16.5   | 18.4 | 20.4 | 22.3 |
| 5    | 8        | 80  | 14.3        | 14.4 | 14.6 | 14.9 | 15.1 | 15.3 | 15.6 | 16.1 | 16.5 | 17.3 | 18.1 | 18.5 | 18.9 | 19.2 | 19.6 | 20.0                | 20.2 | 12.9 | 14.1 | 15.3 | 16.5   | 18.5 | 20.4 | 22.3 |
| 5    | 9        | 101 | 14.3        | 14.4 | 14.6 | 14.9 | 15.1 | 15.3 | 15.6 | 16.1 | 16.6 | 17.3 | 18.1 | 18.5 | 18.9 | 19.3 | 19.7 | 20.1                | 20.2 | 12.9 | 14.1 | 15.3 | 16.6   | 18.5 | 20.4 | 22.4 |
| 5    | 10       | 77  | 14.3        | 14.4 | 14.6 | 14.9 | 15.1 | 15.4 | 15.6 | 16.1 | 16.6 | 17.4 | 18.1 | 18.5 | 18.9 | 19.3 | 19.7 | 20.1                | 20.3 | 12.9 | 14.1 | 15.4 | 16.6   | 18.5 | 20.5 | 22.4 |
| 5    | 11       | 86  | 14.3        | 14.4 | 14.6 | 14.9 | 15.1 | 15.4 | 15.6 | 16.1 | 16.6 | 17.4 | 18.2 | 18.6 | 19.0 | 19.4 | 19.7 | 20.1                | 20.3 | 12.9 | 14.2 | 15.4 | 16.6   | 18.5 | 20.5 | 22.5 |

TABLE 17. MID-ARM CIRCUMFERENCE : GIRLS

## ตารางที่ 17 เส้นรอบวงกึ่งกลางแขนซ้าย 0-5 ปี เพศหญิง

| อายุ<br>ปี เดือน | N  | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|
|                  |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 0                | 96 | 8.5         | 8.5  | 8.6  | 8.8  | 8.9  | 9.0  | 9.1  | 9.3  | 9.5  | 9.9  | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4                | 11.5 | 7.9  | 8.4  | 9.0  | 9.5    | 10.6 | 11.6 | 12.7 |
| 1                | 16 | 9.2         | 9.2  | 9.4  | 9.5  | 9.6  | 9.7  | 9.8  | 10.1 | 10.3 | 10.7 | 11.1 | 11.3 | 11.5 | 11.7 | 11.9 | 12.1                | 12.2 | 8.5  | 9.1  | 9.7  | 10.3   | 11.3 | 12.3 | 13.3 |
| 2                | 60 | 9.9         | 10.0 | 10.1 | 10.2 | 10.3 | 10.5 | 10.6 | 10.8 | 11.1 | 11.5 | 11.9 | 12.1 | 12.2 | 12.4 | 12.6 | 12.8                | 12.9 | 9.2  | 9.8  | 10.5 | 11.1   | 12.1 | 13.0 | 14.0 |
| 3                | 13 | 10.6        | 10.6 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.5 | 11.7 | 12.1 | 12.5 | 12.7 | 12.8 | 13.0 | 13.2 | 13.4                | 13.5 | 9.9  | 10.5 | 11.1 | 11.7   | 12.7 | 13.6 | 14.6 |
| 4                | 48 | 11.1        | 11.2 | 11.3 | 11.4 | 11.5 | 11.7 | 11.8 | 12.0 | 12.3 | 12.7 | 13.1 | 13.3 | 13.4 | 13.6 | 13.8 | 14.0                | 14.1 | 10.4 | 11.0 | 11.7 | 12.3   | 13.3 | 14.2 | 15.2 |
| 5                | 10 | 11.5        | 11.6 | 11.7 | 11.8 | 12.0 | 12.1 | 12.2 | 12.5 | 12.8 | 13.1 | 13.5 | 13.7 | 13.8 | 14.0 | 14.2 | 14.4                | 14.4 | 10.7 | 11.4 | 12.1 | 12.8   | 13.7 | 14.5 | 15.4 |
| 6                | 37 | 11.9        | 12.0 | 12.1 | 12.2 | 12.4 | 12.5 | 12.6 | 12.9 | 13.2 | 13.5 | 13.8 | 14.0 | 14.2 | 14.3 | 14.5 | 14.7                | 14.7 | 11.1 | 11.8 | 12.5 | 13.2   | 14.0 | 14.8 | 15.6 |
| 7                | 18 | 12.2        | 12.2 | 12.3 | 12.5 | 12.6 | 12.7 | 12.9 | 13.1 | 13.4 | 13.7 | 14.1 | 14.2 | 14.4 | 14.6 | 14.8 | 14.9                | 15.0 | 11.4 | 12.1 | 12.7 | 13.4   | 14.2 | 15.1 | 16.0 |
| 8                | 9  | 12.4        | 12.4 | 12.5 | 12.7 | 12.8 | 12.9 | 13.1 | 13.3 | 13.6 | 13.9 | 14.3 | 14.5 | 14.6 | 14.8 | 15.0 | 15.2                | 15.2 | 11.6 | 12.3 | 12.9 | 13.6   | 14.5 | 15.3 | 16.2 |
| 9                | 36 | 12.5        | 12.6 | 12.7 | 12.8 | 13.0 | 13.1 | 13.2 | 13.5 | 13.8 | 14.1 | 14.5 | 14.7 | 14.8 | 15.0 | 15.2 | 15.4                | 15.4 | 11.8 | 12.4 | 13.1 | 13.8   | 14.7 | 15.6 | 16.5 |
| 10               | 16 | 12.6        | 12.7 | 12.8 | 12.9 | 13.1 | 13.2 | 13.3 | 13.6 | 13.9 | 14.3 | 14.6 | 14.8 | 15.0 | 15.2 | 15.4 | 15.6                | 15.6 | 11.8 | 12.5 | 13.2 | 13.9   | 14.8 | 15.7 | 16.7 |
| 11               | 11 | 12.7        | 12.7 | 12.9 | 13.0 | 13.2 | 13.3 | 13.5 | 13.8 | 14.1 | 14.4 | 14.8 | 15.0 | 15.2 | 15.4 | 15.5 | 15.7                | 15.8 | 11.8 | 12.6 | 13.3 | 14.1   | 15.0 | 15.9 | 16.8 |
| 1                | 0  | 13          | 12.7 | 12.8 | 12.9 | 13.1 | 13.2 | 13.4 | 13.5 | 13.9 | 14.2 | 14.5 | 14.9 | 15.1 | 15.3 | 15.5 | 15.7                | 16.0 | 11.9 | 12.6 | 13.4 | 14.2   | 15.1 | 16.1 | 17.0 |
| 1                | 1  | 11          | 12.8 | 12.8 | 13.0 | 13.1 | 13.3 | 13.5 | 13.6 | 13.9 | 14.3 | 14.7 | 15.1 | 15.2 | 15.4 | 15.6 | 15.8                | 16.1 | 11.9 | 12.7 | 13.5 | 14.3   | 15.2 | 16.2 | 17.2 |
| 1                | 2  | 9           | 12.8 | 12.9 | 13.0 | 13.2 | 13.4 | 13.5 | 13.7 | 14.0 | 14.3 | 14.7 | 15.1 | 15.3 | 15.6 | 15.8 | 16.0                | 16.2 | 11.9 | 12.7 | 13.5 | 14.3   | 15.3 | 16.4 | 17.4 |
| 1                | 3  | 24          | 12.8 | 12.9 | 13.1 | 13.2 | 13.4 | 13.6 | 13.7 | 14.1 | 14.4 | 14.8 | 15.2 | 15.4 | 15.7 | 15.9 | 16.1                | 16.3 | 11.9 | 12.7 | 13.6 | 14.4   | 15.4 | 16.5 | 17.6 |
| 1                | 4  | 13          | 12.9 | 12.9 | 13.1 | 13.3 | 13.4 | 13.6 | 13.8 | 14.1 | 14.4 | 14.9 | 15.3 | 15.5 | 15.8 | 16.0 | 16.2                | 16.4 | 11.9 | 12.8 | 13.6 | 14.4   | 15.5 | 16.6 | 17.7 |
| 1                | 5  | 18          | 12.9 | 13.0 | 13.1 | 13.3 | 13.5 | 13.6 | 13.8 | 14.2 | 14.5 | 15.0 | 15.4 | 15.6 | 15.8 | 16.1 | 16.3                | 16.5 | 11.9 | 12.8 | 13.6 | 14.5   | 15.6 | 16.7 | 17.8 |
| 1                | 6  | 41          | 12.9 | 13.0 | 13.2 | 13.3 | 13.5 | 13.7 | 13.9 | 14.2 | 14.6 | 15.0 | 15.5 | 15.7 | 15.9 | 16.2 | 16.4                | 16.6 | 11.9 | 12.8 | 13.7 | 14.6   | 15.7 | 16.8 | 18.0 |
| 1                | 7  | 27          | 12.9 | 13.0 | 13.2 | 13.4 | 13.5 | 13.7 | 13.9 | 14.3 | 14.6 | 15.1 | 15.5 | 15.8 | 16.0 | 16.2 | 16.5                | 16.7 | 11.9 | 12.8 | 13.7 | 14.6   | 15.8 | 16.9 | 18.1 |
| 1                | 8  | 18          | 12.9 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 13.9 | 14.3 | 14.7 | 15.2 | 15.6 | 15.9 | 16.1 | 16.3 | 16.6                | 16.9 | 11.9 | 12.8 | 13.8 | 14.7   | 15.9 | 17.0 | 18.2 |
| 1                | 9  | 24          | 13.0 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.4 | 14.7 | 15.2 | 15.7 | 15.9 | 16.2 | 16.4 | 16.7                | 16.9 | 11.9 | 12.9 | 13.8 | 14.7   | 15.9 | 17.1 | 18.3 |
| 1                | 10 | 18          | 13.0 | 13.1 | 13.3 | 13.5 | 13.7 | 13.8 | 14.0 | 14.4 | 14.8 | 15.3 | 15.8 | 16.0 | 16.3 | 16.5 | 16.8                | 17.0 | 11.9 | 12.9 | 13.8 | 14.8   | 16.0 | 17.2 | 18.5 |
| 1                | 11 | 18          | 13.0 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.1 | 14.5 | 14.9 | 15.4 | 15.9 | 16.1 | 16.3 | 16.6 | 16.8                | 17.1 | 12.0 | 12.9 | 13.9 | 14.9   | 16.1 | 17.3 | 18.6 |

ตารางที่ 17 เส้นรอบวงกึ่งกลางแขนซ้าย 0-5 ปี เพศหญิง

| TABLE 17. MID-ARM CIRCUMFERENCE : GIRLS |    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                     |      |      |      |      |        |      |      |      |      |
|-----------------------------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|------|--------|------|------|------|------|
| อายุ<br>ปี เดือน                        | N  | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |      |        |      |      |      |      |
|                                         |    | P3          | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95                 | P97  | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |      |
| 2                                       | 0  | 25          | 13.1 | 13.2 | 13.4 | 13.5 | 13.7 | 13.9 | 14.1 | 14.5 | 14.9 | 15.4 | 15.9 | 16.2 | 16.4 | 16.7 | 16.9                | 17.2 | 17.3 | 12.0 | 13.0 | 13.9   | 14.9 | 16.2 | 17.4 | 18.7 |
| 2                                       | 1  | 21          | 13.1 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.6 | 15.0 | 15.5 | 16.0 | 16.3 | 16.5 | 16.8 | 17.0                | 17.3 | 17.4 | 12.0 | 13.0 | 14.0   | 15.0 | 16.3 | 17.5 | 18.8 |
| 2                                       | 2  | 32          | 13.1 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.6 | 15.0 | 15.5 | 16.1 | 16.3 | 16.6 | 16.9 | 17.1                | 17.4 | 17.5 | 12.0 | 13.0 | 14.0   | 15.0 | 16.3 | 17.6 | 18.9 |
| 2                                       | 3  | 36          | 13.2 | 13.3 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.7 | 15.1 | 15.6 | 16.1 | 16.4 | 16.7 | 16.9 | 17.2                | 17.5 | 17.6 | 12.1 | 13.1 | 14.1   | 15.1 | 16.4 | 17.7 | 19.1 |
| 2                                       | 4  | 36          | 13.2 | 13.3 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.7 | 15.1 | 15.7 | 16.2 | 16.5 | 16.7 | 17.0 | 17.3                | 17.6 | 17.7 | 12.1 | 13.1 | 14.1   | 15.1 | 16.5 | 17.8 | 19.2 |
| 2                                       | 5  | 29          | 13.2 | 13.3 | 13.5 | 13.7 | 13.9 | 14.2 | 14.4 | 14.8 | 15.2 | 15.7 | 16.3 | 16.5 | 16.8 | 17.1 | 17.4                | 17.6 | 17.7 | 12.1 | 13.1 | 14.2   | 15.2 | 16.5 | 17.9 | 19.3 |
| 2                                       | 6  | 53          | 13.3 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.8 | 15.2 | 15.8 | 16.3 | 16.6 | 16.9 | 17.2 | 17.4                | 17.7 | 17.8 | 12.1 | 13.2 | 14.2   | 15.2 | 16.6 | 18.0 | 19.4 |
| 2                                       | 7  | 52          | 13.3 | 13.4 | 13.6 | 13.8 | 14.0 | 14.2 | 14.4 | 14.9 | 15.3 | 15.8 | 16.4 | 16.7 | 17.0 | 17.2 | 17.5                | 17.8 | 17.9 | 12.1 | 13.2 | 14.2   | 15.3 | 16.7 | 18.1 | 19.5 |
| 2                                       | 8  | 41          | 13.3 | 13.4 | 13.6 | 13.8 | 14.1 | 14.3 | 14.5 | 14.9 | 15.3 | 15.9 | 16.5 | 16.8 | 17.0 | 17.3 | 17.6                | 17.9 | 18.0 | 12.1 | 13.2 | 14.3   | 15.3 | 16.8 | 18.2 | 19.6 |
| 2                                       | 9  | 50          | 13.4 | 13.5 | 13.7 | 13.9 | 14.1 | 14.3 | 14.5 | 15.0 | 15.4 | 16.0 | 16.5 | 16.8 | 17.1 | 17.4 | 17.7                | 18.0 | 18.1 | 12.2 | 13.2 | 14.3   | 15.4 | 16.8 | 18.3 | 19.7 |
| 2                                       | 10 | 74          | 13.4 | 13.5 | 13.7 | 13.9 | 14.1 | 14.4 | 14.6 | 15.0 | 15.4 | 16.0 | 16.6 | 16.9 | 17.2 | 17.5 | 17.8                | 18.0 | 18.2 | 12.2 | 13.3 | 14.4   | 15.4 | 16.9 | 18.3 | 19.8 |
| 2                                       | 11 | 72          | 13.4 | 13.5 | 13.7 | 13.9 | 14.2 | 14.4 | 14.6 | 15.0 | 15.5 | 16.1 | 16.7 | 16.9 | 17.2 | 17.5 | 17.8                | 18.1 | 18.2 | 12.2 | 13.3 | 14.4   | 15.5 | 16.9 | 18.4 | 19.9 |
| 3                                       | 0  | 85          | 13.5 | 13.5 | 13.8 | 14.0 | 14.2 | 14.4 | 14.6 | 15.1 | 15.5 | 16.1 | 16.7 | 17.0 | 17.3 | 17.6 | 17.9                | 18.2 | 18.3 | 12.2 | 13.3 | 14.4   | 15.5 | 17.0 | 18.5 | 20.0 |
| 3                                       | 1  | 92          | 13.5 | 13.6 | 13.8 | 14.0 | 14.2 | 14.5 | 14.7 | 15.1 | 15.6 | 16.2 | 16.8 | 17.1 | 17.4 | 17.7 | 18.0                | 18.3 | 18.4 | 12.2 | 13.3 | 14.5   | 15.6 | 17.1 | 18.6 | 20.1 |
| 3                                       | 2  | 108         | 13.5 | 13.6 | 13.8 | 14.0 | 14.3 | 14.5 | 14.7 | 15.2 | 15.6 | 16.2 | 16.8 | 17.1 | 17.4 | 17.7 | 18.0                | 18.3 | 18.5 | 12.2 | 13.4 | 14.5   | 15.6 | 17.1 | 18.6 | 20.1 |
| 3                                       | 3  | 92          | 13.5 | 13.6 | 13.8 | 14.1 | 14.3 | 14.5 | 14.8 | 15.2 | 15.7 | 16.3 | 16.9 | 17.2 | 17.5 | 17.8 | 18.1                | 18.4 | 18.5 | 12.3 | 13.4 | 14.5   | 15.7 | 17.2 | 18.7 | 20.2 |
| 3                                       | 4  | 92          | 13.6 | 13.6 | 13.9 | 14.1 | 14.3 | 14.6 | 14.8 | 15.2 | 15.7 | 16.3 | 16.9 | 17.2 | 17.5 | 17.9 | 18.2                | 18.5 | 18.6 | 12.3 | 13.4 | 14.6   | 15.7 | 17.2 | 18.8 | 20.3 |
| 3                                       | 5  | 83          | 13.6 | 13.7 | 13.9 | 14.1 | 14.4 | 14.6 | 14.8 | 15.3 | 15.7 | 16.4 | 17.0 | 17.3 | 17.6 | 17.9 | 18.2                | 18.5 | 18.7 | 12.3 | 13.4 | 14.6   | 15.7 | 17.3 | 18.8 | 20.4 |
| 3                                       | 6  | 107         | 13.6 | 13.7 | 13.9 | 14.2 | 14.4 | 14.6 | 14.9 | 15.3 | 15.8 | 16.4 | 17.0 | 17.3 | 17.7 | 18.0 | 18.3                | 18.6 | 18.7 | 12.3 | 13.5 | 14.6   | 15.8 | 17.3 | 18.9 | 20.5 |
| 3                                       | 7  | 101         | 13.6 | 13.7 | 14.0 | 14.2 | 14.4 | 14.7 | 14.9 | 15.4 | 15.8 | 16.5 | 17.1 | 17.4 | 17.7 | 18.0 | 18.3                | 18.7 | 18.8 | 12.3 | 13.5 | 14.7   | 15.8 | 17.4 | 19.0 | 20.5 |
| 3                                       | 8  | 96          | 13.7 | 13.7 | 14.0 | 14.2 | 14.5 | 14.7 | 14.9 | 15.4 | 15.9 | 16.5 | 17.1 | 17.4 | 17.8 | 18.1 | 18.4                | 18.7 | 18.8 | 12.3 | 13.5 | 14.7   | 15.9 | 17.4 | 19.0 | 20.6 |
| 3                                       | 9  | 104         | 13.7 | 13.8 | 14.0 | 14.2 | 14.5 | 14.7 | 15.0 | 15.4 | 15.9 | 16.5 | 17.2 | 17.5 | 17.8 | 18.1 | 18.5                | 18.8 | 18.9 | 12.3 | 13.5 | 14.7   | 15.9 | 17.5 | 19.1 | 20.7 |
| 3                                       | 10 | 128         | 13.7 | 13.8 | 14.0 | 14.3 | 14.5 | 14.8 | 15.0 | 15.5 | 15.9 | 16.6 | 17.2 | 17.5 | 17.9 | 18.2 | 18.5                | 18.8 | 19.0 | 12.4 | 13.6 | 14.8   | 15.9 | 17.5 | 19.1 | 20.7 |
| 3                                       | 11 | 101         | 13.7 | 13.8 | 14.1 | 14.3 | 14.5 | 14.8 | 15.0 | 15.5 | 16.0 | 16.6 | 17.3 | 17.6 | 17.9 | 18.2 | 18.6                | 18.9 | 19.0 | 12.4 | 13.6 | 14.8   | 16.0 | 17.6 | 19.2 | 20.8 |

ตารางที่ 17 เส้นรอบวงกึ่งกลางแขนซ้าย 0-5 ปี เพศหญิง

TABLE 17. MID-ARM CIRCUMFERENCE : GIRLS

| อายุ<br>ปี เดือน |    | PERCENTILES |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | STANDARD DEVIATIONS |      |      |      |        |      |      |      |
|------------------|----|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------|------|------|------|--------|------|------|------|
|                  |    | N           | P3   | P5   | P10  | P15  | P20  | P25  | P30  | P40  | P50  | P60  | P70  | P75  | P80  | P85  | P90  | P95  | P97                 | -3SD | -2SD | -1SD | MEDIAN | +1SD | +2SD | +3SD |
| 4                | 0  | 109         | 13.7 | 13.8 | 14.1 | 14.3 | 14.6 | 14.8 | 15.0 | 15.5 | 16.0 | 16.7 | 17.3 | 17.6 | 18.0 | 18.3 | 18.6 | 18.9 | 19.1                | 12.4 | 13.6 | 14.8 | 16.0   | 17.6 | 19.3 | 20.9 |
| 4                | 1  | 88          | 13.8 | 13.9 | 14.1 | 14.3 | 14.6 | 14.8 | 15.1 | 15.6 | 16.1 | 16.7 | 17.4 | 17.7 | 18.0 | 18.3 | 18.7 | 19.0 | 19.1                | 12.4 | 13.6 | 14.8 | 16.1   | 17.7 | 19.3 | 20.9 |
| 4                | 2  | 100         | 13.8 | 13.9 | 14.1 | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 | 16.1 | 16.7 | 17.4 | 17.7 | 18.1 | 18.4 | 18.7 | 19.0 | 19.2                | 12.4 | 13.6 | 14.9 | 16.1   | 17.7 | 19.4 | 21.0 |
| 4                | 3  | 82          | 13.8 | 13.9 | 14.1 | 14.4 | 14.6 | 14.9 | 15.1 | 15.6 | 16.1 | 16.8 | 17.4 | 17.8 | 18.1 | 18.4 | 18.8 | 19.1 | 19.2                | 12.4 | 13.7 | 14.9 | 16.1   | 17.8 | 19.4 | 21.1 |
| 4                | 4  | 96          | 13.8 | 13.9 | 14.2 | 14.4 | 14.7 | 14.9 | 15.2 | 15.7 | 16.2 | 16.8 | 17.5 | 17.8 | 18.2 | 18.5 | 18.8 | 19.2 | 19.3                | 12.4 | 13.7 | 14.9 | 16.2   | 17.8 | 19.5 | 21.1 |
| 4                | 5  | 111         | 13.8 | 13.9 | 14.2 | 14.4 | 14.7 | 14.9 | 15.2 | 15.7 | 16.2 | 16.9 | 17.5 | 17.9 | 18.2 | 18.5 | 18.9 | 19.2 | 19.3                | 12.4 | 13.7 | 14.9 | 16.2   | 17.9 | 19.5 | 21.2 |
| 4                | 6  | 85          | 13.9 | 14.0 | 14.2 | 14.5 | 14.7 | 15.0 | 15.2 | 15.7 | 16.2 | 16.9 | 17.6 | 17.9 | 18.2 | 18.6 | 18.9 | 19.3 | 19.4                | 12.4 | 13.7 | 15.0 | 16.2   | 17.9 | 19.6 | 21.3 |
| 4                | 7  | 91          | 13.9 | 14.0 | 14.2 | 14.5 | 14.7 | 15.0 | 15.2 | 15.8 | 16.3 | 16.9 | 17.6 | 18.0 | 18.3 | 18.6 | 19.0 | 19.3 | 19.4                | 12.4 | 13.7 | 15.0 | 16.3   | 18.0 | 19.6 | 21.3 |
| 4                | 8  | 94          | 13.9 | 14.0 | 14.2 | 14.5 | 14.8 | 15.0 | 15.3 | 15.8 | 16.3 | 17.0 | 17.7 | 18.0 | 18.3 | 18.7 | 19.0 | 19.4 | 19.5                | 12.5 | 13.7 | 15.0 | 16.3   | 18.0 | 19.7 | 21.4 |
| 4                | 9  | 94          | 13.9 | 14.0 | 14.3 | 14.5 | 14.8 | 15.0 | 15.3 | 15.8 | 16.3 | 17.0 | 17.7 | 18.0 | 18.4 | 18.7 | 19.1 | 19.4 | 19.6                | 12.5 | 13.7 | 15.0 | 16.3   | 18.0 | 19.8 | 21.5 |
| 4                | 10 | 90          | 13.9 | 14.0 | 14.3 | 14.5 | 14.8 | 15.1 | 15.3 | 15.8 | 16.4 | 17.1 | 17.7 | 18.1 | 18.4 | 18.8 | 19.1 | 19.5 | 19.6                | 12.5 | 13.8 | 15.1 | 16.4   | 18.1 | 19.8 | 21.5 |
| 4                | 11 | 90          | 13.9 | 14.0 | 14.3 | 14.6 | 14.8 | 15.1 | 15.4 | 15.9 | 16.4 | 17.1 | 17.8 | 18.1 | 18.5 | 18.8 | 19.2 | 19.5 | 19.7                | 12.5 | 13.8 | 15.1 | 16.4   | 18.1 | 19.9 | 21.6 |
| 5                | 0  | 92          | 13.9 | 14.1 | 14.3 | 14.6 | 14.8 | 15.1 | 15.4 | 15.9 | 16.4 | 17.1 | 17.8 | 18.2 | 18.5 | 18.9 | 19.2 | 19.6 | 19.7                | 12.5 | 13.8 | 15.1 | 16.4   | 18.2 | 19.9 | 21.7 |
| 5                | 1  | 90          | 14.0 | 14.1 | 14.3 | 14.6 | 14.9 | 15.1 | 15.4 | 15.9 | 16.5 | 17.2 | 17.9 | 18.2 | 18.6 | 18.9 | 19.3 | 19.6 | 19.8                | 12.5 | 13.8 | 15.1 | 16.5   | 18.2 | 20.0 | 21.7 |
| 5                | 2  | 98          | 14.0 | 14.1 | 14.4 | 14.6 | 14.9 | 15.2 | 15.4 | 16.0 | 16.5 | 17.2 | 17.9 | 18.3 | 18.6 | 19.0 | 19.3 | 19.7 | 19.8                | 12.5 | 13.8 | 15.2 | 16.5   | 18.3 | 20.0 | 21.8 |
| 5                | 3  | 105         | 14.0 | 14.1 | 14.4 | 14.6 | 14.9 | 15.2 | 15.5 | 16.0 | 16.5 | 17.2 | 18.0 | 18.3 | 18.7 | 19.0 | 19.4 | 19.7 | 19.9                | 12.5 | 13.8 | 15.2 | 16.5   | 18.3 | 20.1 | 21.9 |
| 5                | 4  | 96          | 14.0 | 14.1 | 14.4 | 14.7 | 14.9 | 15.2 | 15.5 | 16.0 | 16.6 | 17.3 | 18.0 | 18.4 | 18.7 | 19.1 | 19.4 | 19.8 | 19.9                | 12.5 | 13.8 | 15.2 | 16.6   | 18.4 | 20.1 | 21.9 |
| 5                | 5  | 98          | 14.0 | 14.1 | 14.4 | 14.7 | 15.0 | 15.2 | 15.5 | 16.1 | 16.6 | 17.3 | 18.0 | 18.4 | 18.8 | 19.1 | 19.5 | 19.8 | 20.0                | 12.5 | 13.9 | 15.2 | 16.6   | 18.4 | 20.2 | 22.0 |
| 5                | 6  | 113         | 14.0 | 14.1 | 14.4 | 14.7 | 15.0 | 15.3 | 15.5 | 16.1 | 16.6 | 17.4 | 18.1 | 18.4 | 18.8 | 19.2 | 19.5 | 19.9 | 20.0                | 12.5 | 13.9 | 15.3 | 16.6   | 18.4 | 20.2 | 22.1 |
| 5                | 7  | 99          | 14.0 | 14.2 | 14.4 | 14.7 | 15.0 | 15.3 | 15.6 | 16.1 | 16.7 | 17.4 | 18.1 | 18.5 | 18.9 | 19.2 | 19.6 | 19.9 | 20.1                | 12.5 | 13.9 | 15.3 | 16.7   | 18.5 | 20.3 | 22.1 |
| 5                | 8  | 85          | 14.1 | 14.2 | 14.5 | 14.7 | 15.0 | 15.3 | 15.6 | 16.1 | 16.7 | 17.4 | 18.2 | 18.5 | 18.9 | 19.3 | 19.6 | 20.0 | 20.1                | 12.5 | 13.9 | 15.3 | 16.7   | 18.5 | 20.4 | 22.2 |
| 5                | 9  | 86          | 14.1 | 14.2 | 14.5 | 14.8 | 15.0 | 15.3 | 15.6 | 16.2 | 16.7 | 17.5 | 18.2 | 18.6 | 18.9 | 19.3 | 19.7 | 20.0 | 20.2                | 12.5 | 13.9 | 15.3 | 16.7   | 18.6 | 20.4 | 22.3 |
| 5                | 10 | 102         | 14.1 | 14.2 | 14.5 | 14.8 | 15.1 | 15.3 | 15.6 | 16.2 | 16.8 | 17.5 | 18.2 | 18.6 | 19.0 | 19.4 | 19.7 | 20.1 | 20.2                | 12.5 | 13.9 | 15.3 | 16.8   | 18.6 | 20.5 | 22.3 |
| 5                | 11 | 96          | 14.1 | 14.2 | 14.5 | 14.8 | 15.1 | 15.4 | 15.7 | 16.2 | 16.8 | 17.5 | 18.3 | 18.7 | 19.0 | 19.4 | 19.8 | 20.2 | 20.3                | 12.5 | 13.9 | 15.4 | 16.8   | 18.7 | 20.5 | 22.4 |

Fig. 13 Head circumference of boys at different percentiles.

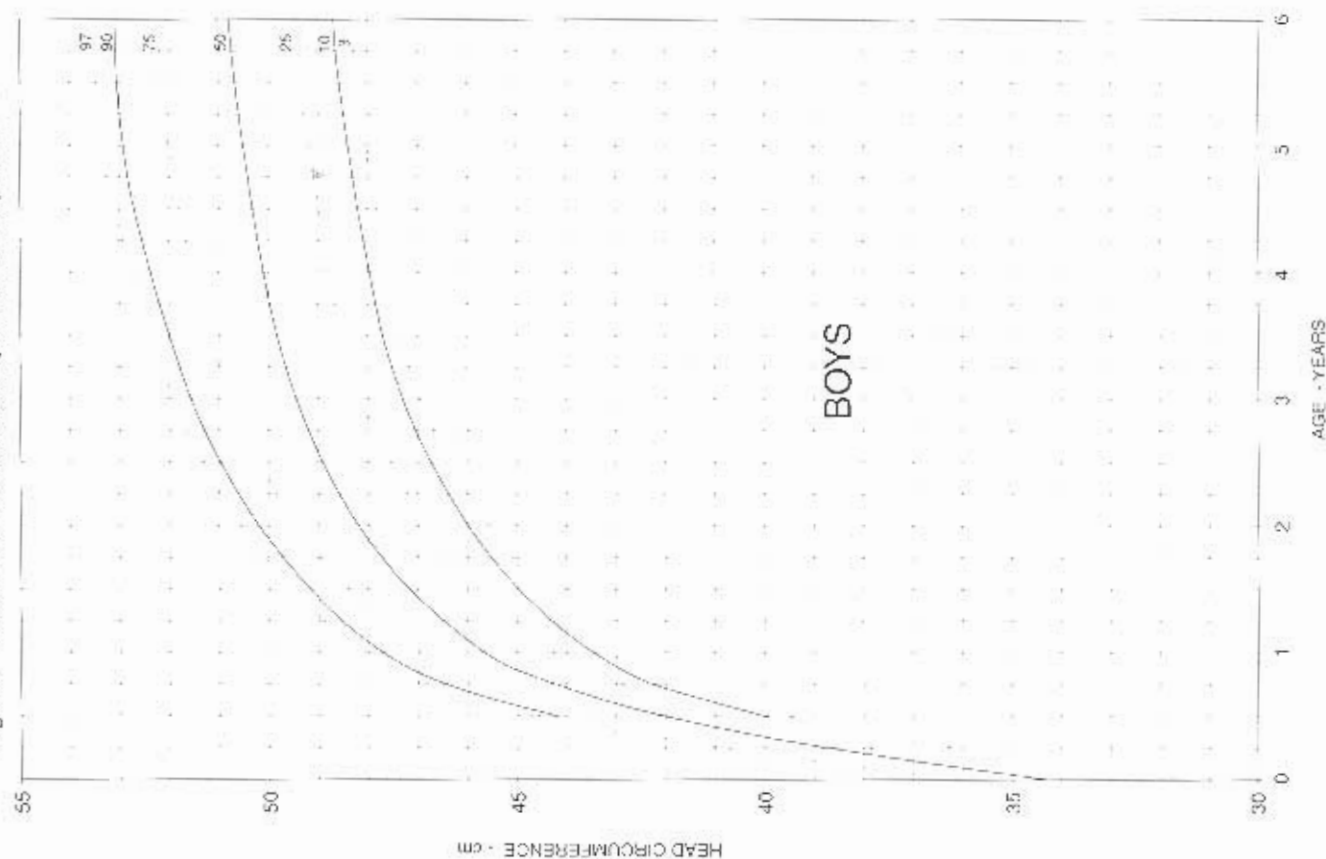


Fig. 14 Head circumference of girls at different percentiles.

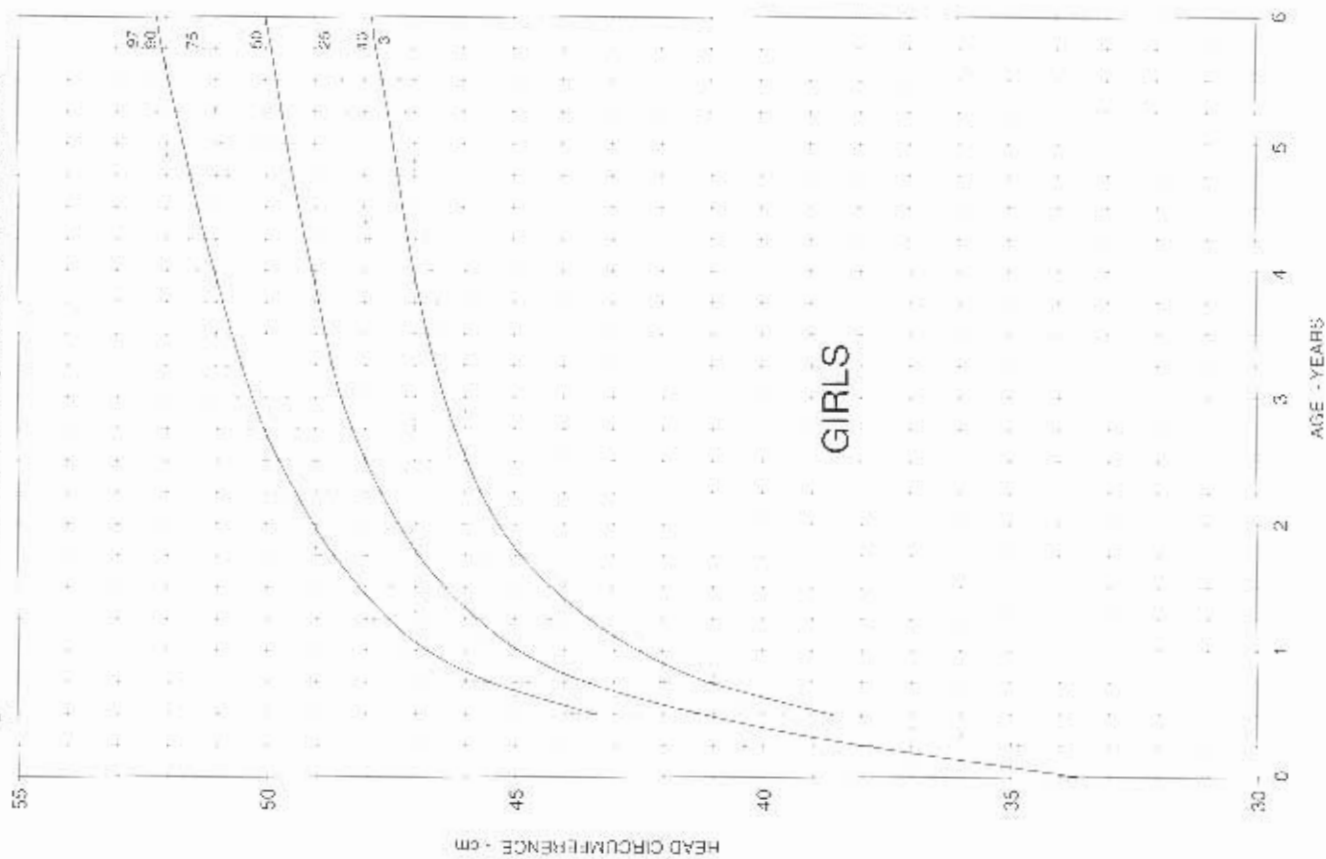


Fig. 15 Chest circumference of boys at different percentiles

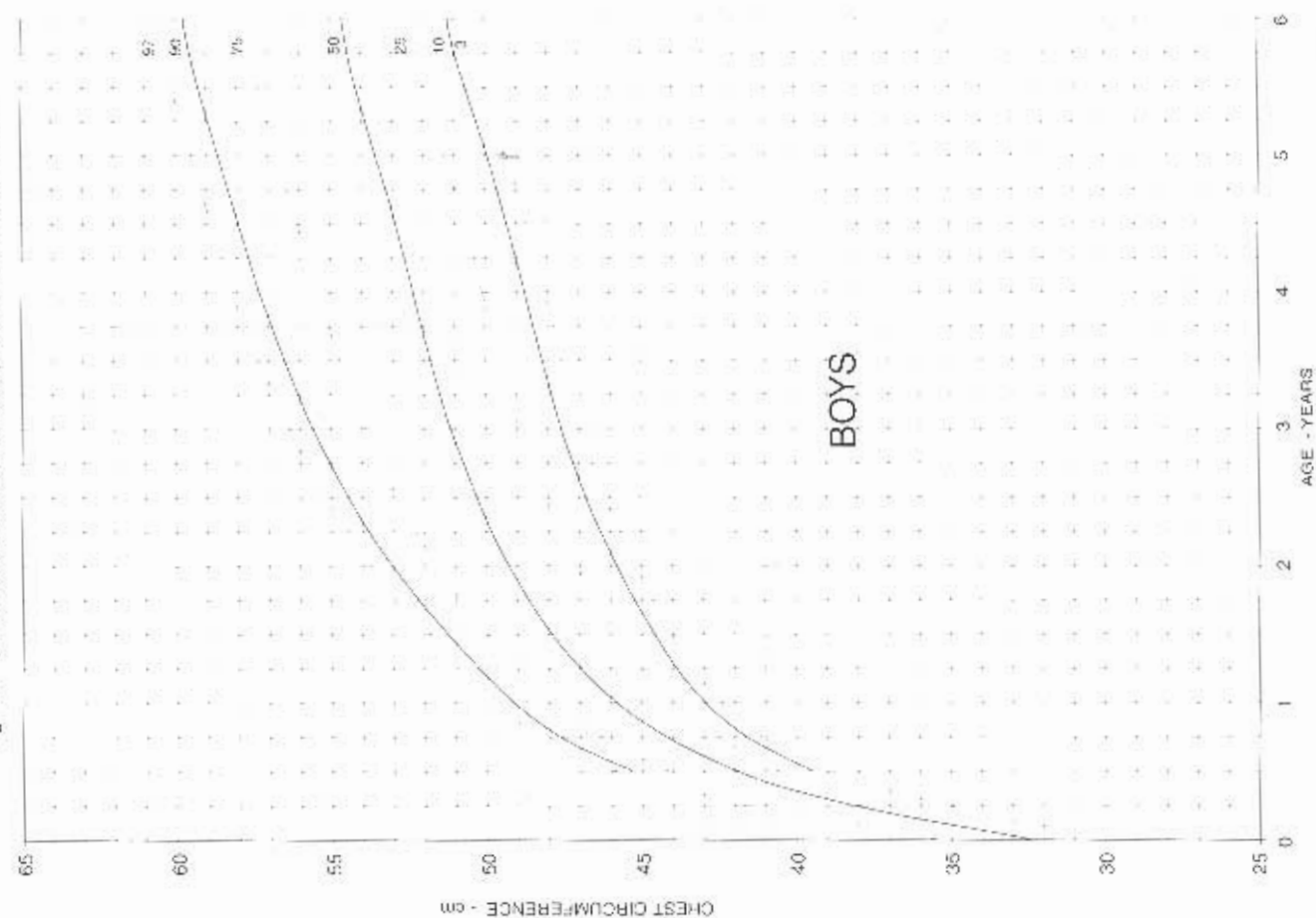


Fig. 16 Chest circumference of girls at different percentiles

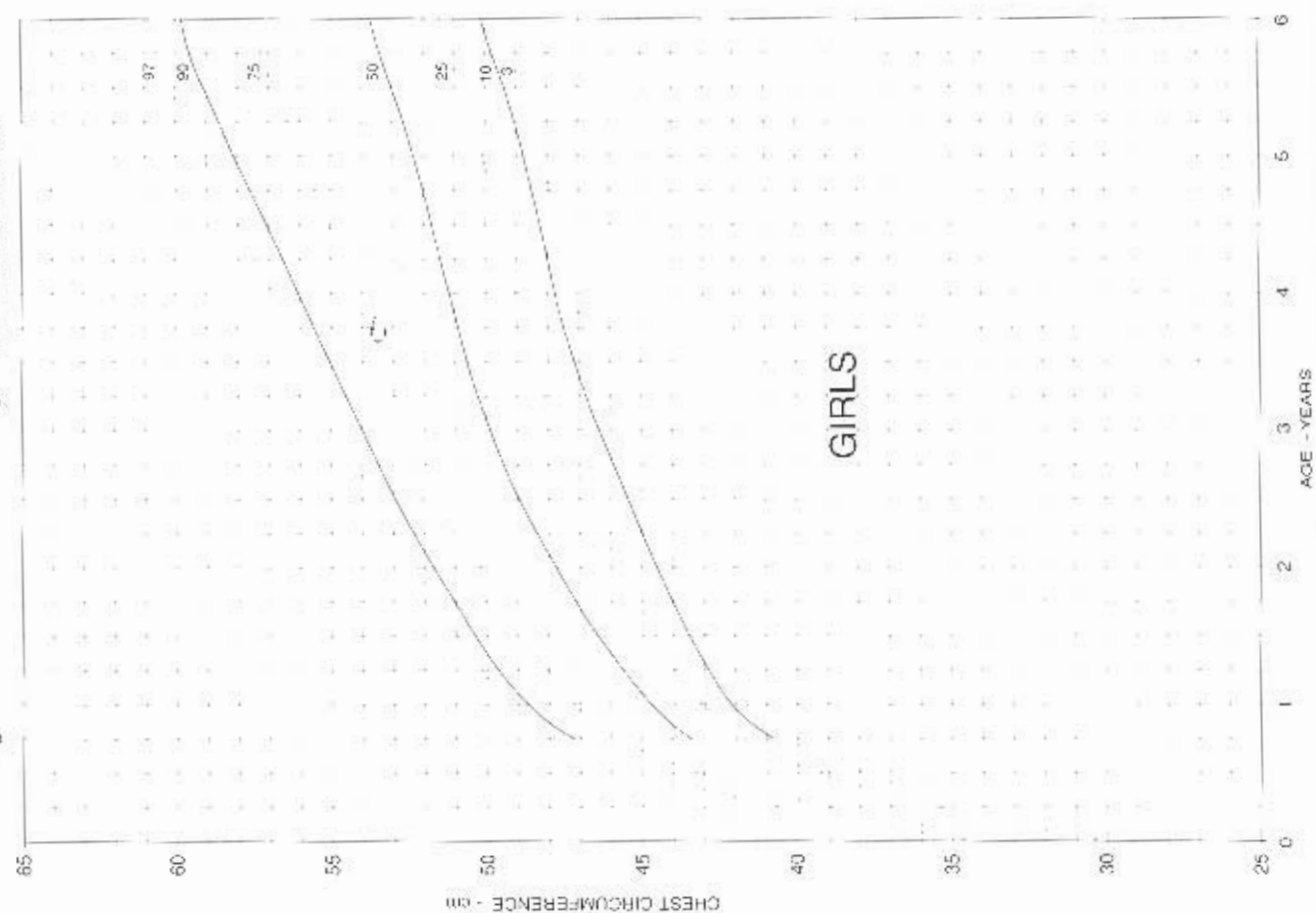


Fig. 17 Mid-arm circumference of boys at different percentiles

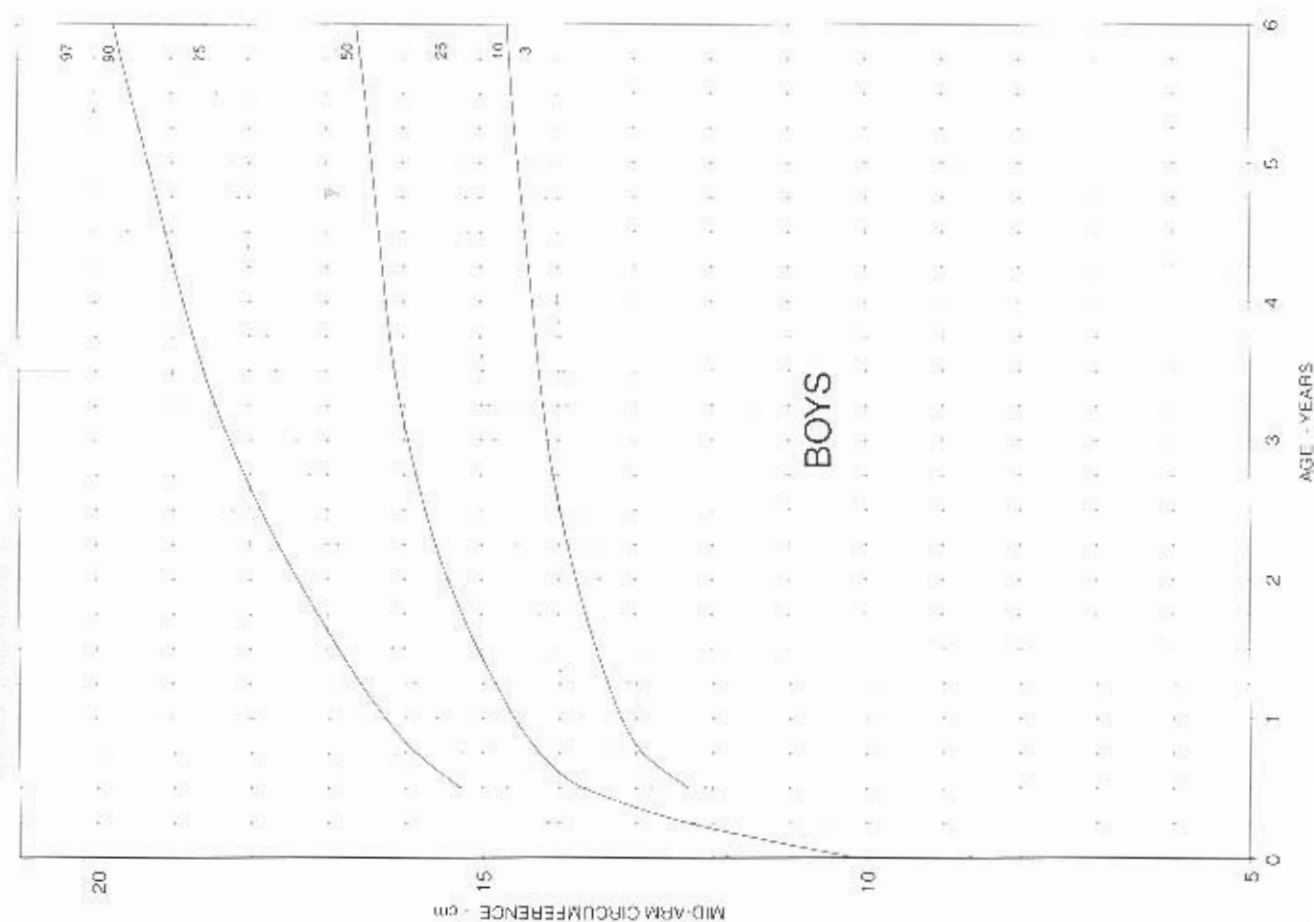
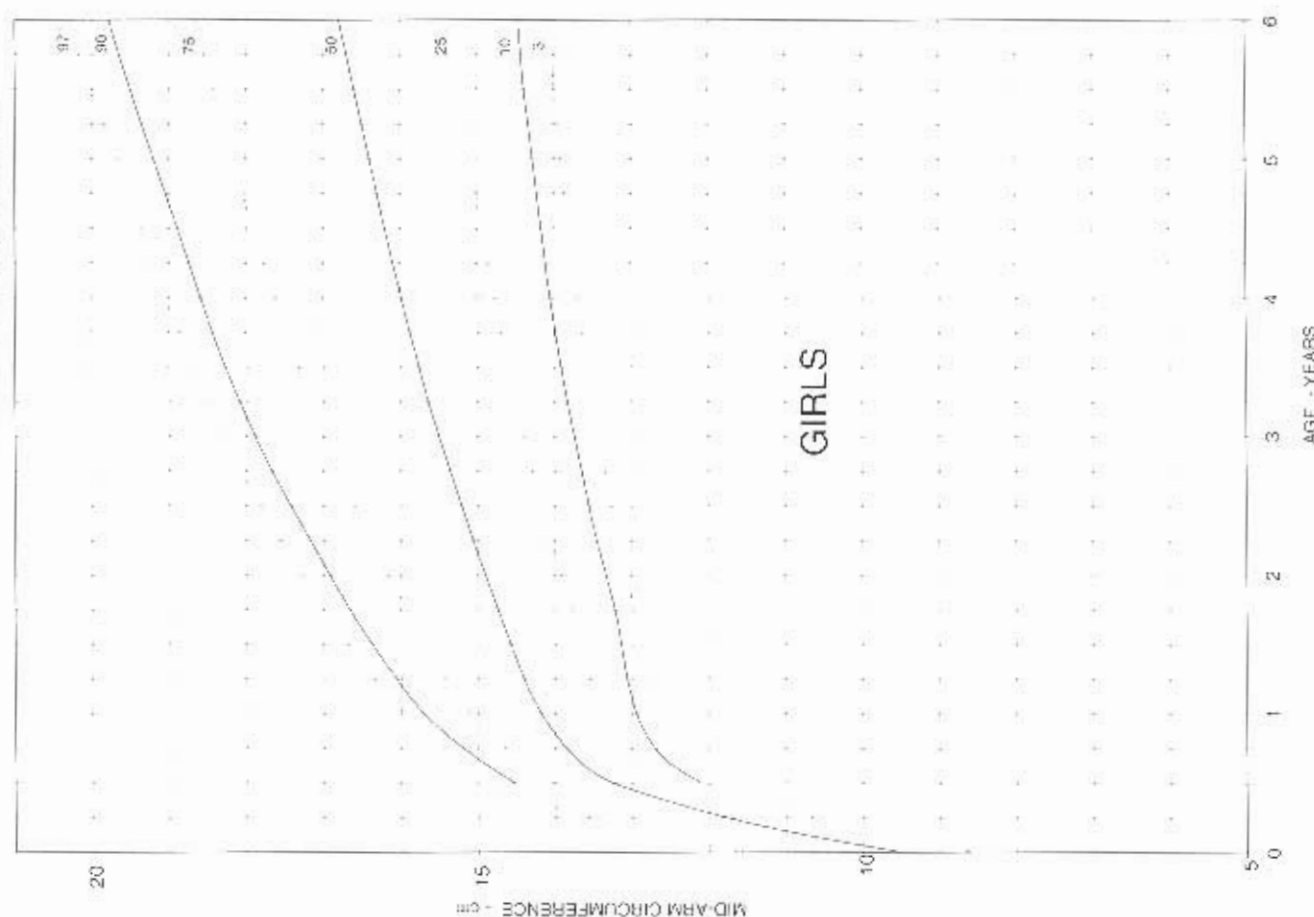


Fig. 18 Mid-arm circumference of girls at different percentiles



**הכנת**

## คำสั่งกระทรวงสาธารณสุข

ที่ 849 / 2537

เรื่อง แต่งตั้งคณะกรรมการและคณะทำงานจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทย

ตามที่กระทรวงสาธารณสุข ได้ใช้มาตรฐานน้ำหนัก ส่วนสูงของเด็กไทยซึ่งจัดทำขึ้นทุกกระยะ 10 ปี ตั้งแต่ พ.ศ.2518 มาโดยตลอดนั้น บัดนี้กระทรวงสาธารณสุข จึงเห็นควรที่จะมีการจัดทำมาตรฐานน้ำหนัก ส่วนสูงและเครื่องชี้วัดภาวะโภชนาการอื่นๆ ขึ้นใหม่ เพื่อใช้เป็นมาตรฐานกลางของประเทศไทย ในการวางแผนติดตาม ประเมินผลในแผนพัฒนาเศรษฐกิจและสังคมแห่งชาติฉบับที่ 8 (2540-2544) ต่อไป

เพื่อให้มาตรฐานที่จัดทำขึ้นใหม่นี้ได้บรรลุวัตถุประสงค์ดังกล่าว กระทรวงสาธารณสุขจึงแต่งตั้ง

1. คณะกรรมการจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทย ดังรายนามต่อไปนี้คือ

|      |                                                                                |           |
|------|--------------------------------------------------------------------------------|-----------|
| 1.1  | อธิบดีกรมอนามัย                                                                | ประธาน    |
| 1.2  | รองอธิบดีกรมอนามัย (สายส่งเสริมสุขภาพ)                                         | รองประธาน |
| 1.3  | ผู้เชี่ยวชาญพิเศษด้านสาธารณสุข (สาขาส่งเสริมสุขภาพ)                            | กรรมการ   |
| 1.4  | ผู้อำนวยการสถาบันวิจัยโภชนาการ มหาวิทยาลัยมหิดล                                | กรรมการ   |
| 1.5  | ผู้อำนวยการศูนย์วิจัย โรงพยาบาลรามาธิบดี มหาวิทยาลัยมหิดล                      | กรรมการ   |
| 1.6  | ผู้อำนวยการกองวิชาการสถิติ สำนักงานสถิติแห่งชาติ                               | กรรมการ   |
| 1.7  | ผู้อำนวยการกองโครงการสังคม สำนักงานคณะกรรมการพัฒนาการเศรษฐกิจและสังคมแห่งชาติ  | กรรมการ   |
| 1.8  | ผู้อำนวยการกองนโยบายและแผน สำนักงานคณะกรรมการประถมศึกษาแห่งชาติ                | กรรมการ   |
| 1.9  | ผู้อำนวยการกองนโยบายและแผน สำนักงานคณะกรรมการ การศึกษาเอกชน                    | กรรมการ   |
| 1.10 | ผู้อำนวยการสำนักการศึกษากรุงเทพมหานคร                                          | กรรมการ   |
| 1.11 | ผู้อำนวยการสำนักงานการศึกษาท้องถิ่น กรมการปกครอง                               | กรรมการ   |
| 1.12 | ผู้อำนวยการสำนักนโยบายและแผนสาธารณสุข สำนักงานปลัดกระทรวงสาธารณสุข             | กรรมการ   |
| 1.13 | ผู้อำนวยการกองอนามัยครอบครัว กรมอนามัย                                         | กรรมการ   |
| 1.14 | ผู้อำนวยการกองอนามัยโรงเรียน กรมอนามัย                                         | กรรมการ   |
| 1.15 | ผู้อำนวยการสำนักงานอนามัยกรุงเทพมหานคร                                         | กรรมการ   |
| 1.16 | หัวหน้าภาควิชาโภชนาการศาสตร์เขตร้อนและวิทยาศาสตร์อาหาร มหาวิทยาลัยมหิดล        | กรรมการ   |
| 1.17 | หัวหน้าภาควิชาโภชนวิทยา คณะสาธารณสุขศาสตร์ มหาวิทยาลัยมหิดล                    | กรรมการ   |
| 1.18 | หัวหน้าภาควิชากุมารเวชศาสตร์ คณะแพทยศาสตร์ โรงพยาบาลรามาธิบดี มหาวิทยาลัยมหิดล | กรรมการ   |

- |      |                                                                                       |                                |
|------|---------------------------------------------------------------------------------------|--------------------------------|
| 1.19 | หัวหน้าภาควิชาสูติศาสตร์<br>โรงพยาบาลรามธิบดี มหาวิทยาลัยมหิดล                        | กรรมการ                        |
| 1.20 | หัวหน้าภาควิชากุมารเวชศาสตร์ คณะแพทยศาสตร์<br>โรงพยาบาลจุฬาลงกรณ์                     | กรรมการ                        |
| 1.21 | หัวหน้าภาควิชาสูติศาสตร์ คณะแพทยศาสตร์<br>โรงพยาบาลจุฬาลงกรณ์                         | กรรมการ                        |
| 1.22 | หัวหน้าภาควิชากุมารเวชศาสตร์ คณะแพทยศาสตร์<br>ศิริราชพยาบาล มหาวิทยาลัยมหิดล          | กรรมการ                        |
| 1.23 | หัวหน้าภาควิชาสูติศาสตร์ คณะแพทยศาสตร์<br>ศิริราชพยาบาล มหาวิทยาลัยมหิดล              | กรรมการ                        |
| 1.24 | หัวหน้าแผนกสูติกรรม โรงพยาบาลราชวิถี กรมการแพทย์                                      | กรรมการ                        |
| 1.25 | หัวหน้าแผนกกุมารเวชกรรม โรงพยาบาลเด็ก กรมการแพทย์                                     | กรรมการ                        |
| 1.26 | หัวหน้าภาควิชากุมารเวชศาสตร์ วิทยาลัยแพทยศาสตร์<br>พระมงกุฎเกล้า กรมการแพทย์ กองทัพบก | กรรมการ                        |
| 1.27 | ศ.พญ.เพ็ญศรี กาญจนจิรจิต คณะแพทยศาสตร์<br>โรงพยาบาลรามธิบดี มหาวิทยาลัยมหิดล          | กรรมการ                        |
| 1.28 | ศ.พญ.สาคร ธนมิตร สถาบันวิจัยโภชนาการ มหาวิทยาลัยมหิดล                                 | กรรมการ                        |
| 1.29 | ผู้อำนวยการกองโภชนาการ กรมอนามัย                                                      | กรรมการและเลขานุการ            |
| 1.30 | หัวหน้าฝ่ายควบคุมและป้องกันโรคขาดสารอาหาร<br>กองโภชนาการ กรมอนามัย                    | กรรมการและ<br>ผู้ช่วยเลขานุการ |

ให้คณะกรรมการจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ  
ของประชาชนไทย มีหน้าที่ดังนี้คือ

- 1) ให้แนวนโยบายและจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ตามกลุ่ม  
อายุที่เหมาะสม
- 2) ให้มีอำนาจในการแต่งตั้งคณะทำงานเพื่อการจัดทำมาตรฐานฯ ต่างๆ ได้ตามความเหมาะสม

2. คณะทำงานจัดทำมาตรฐานเครื่องชี้วัดภาวะโภชนาการตั้งแต่แรกเกิด - 4 ปี ประกอบด้วย

- |     |                                                                                       |           |
|-----|---------------------------------------------------------------------------------------|-----------|
| 2.1 | รองอธิบดีกรมอนามัย (สายส่งเสริมสุขภาพ)                                                | ประธาน    |
| 2.2 | ผู้อำนวยการกองโภชนาการ                                                                | รองประธาน |
| 2.3 | ผู้แทนสำนักงานสถิติแห่งชาติ                                                           | ผู้ทำงาน  |
| 2.4 | หัวหน้าภาควิชากุมารเวชศาสตร์ คณะแพทยศาสตร์<br>โรงพยาบาลจุฬาลงกรณ์                     | ผู้ทำงาน  |
| 2.5 | หัวหน้าแผนก กุมารเวชกรรม โรงพยาบาลเด็ก กรมการแพทย์                                    | ผู้ทำงาน  |
| 2.6 | หัวหน้าภาควิชากุมารเวชศาสตร์ วิทยาลัยแพทยศาสตร์<br>พระมงกุฎเกล้า กรมการแพทย์ กองทัพบก | ผู้ทำงาน  |
| 2.7 | หัวหน้าแผนก กุมารเวชกรรม โรงพยาบาลเจริญกรุงประชารักษ์                                 | ผู้ทำงาน  |
| 2.8 | ศ.นพ.บุรณะ ขวลิตรารัง คณะแพทยศาสตร์ ศิริราชพยาบาล<br>มหาวิทยาลัยมหิดล                 | ผู้ทำงาน  |
| 2.9 | ศ.พญ.สาคร ธนมิตร สถาบันวิจัยโภชนาการ มหาวิทยาลัยมหิดล                                 | ผู้ทำงาน  |

- |      |                                                                           |                             |
|------|---------------------------------------------------------------------------|-----------------------------|
| 2.10 | รศ.พญ.นิตยา คชภักดี คณะแพทยศาสตร์<br>โรงพยาบาลรามาริบัติ มหาวิทยาลัยมหิดล | ผู้ทำงาน                    |
| 2.11 | รศ.พญ.ลัดดา เหมาะสุวรรณ คณะแพทยศาสตร์<br>โรงพยาบาลสงขลานครินทร์           | ผู้ทำงาน                    |
| 2.12 | พญ.กุสุมา ชูศิลป์ คณะแพทยศาสตร์ มหาวิทยาลัยขอนแก่น                        | ผู้ทำงาน                    |
| 2.13 | ดร.นพ.ประสงค์ เทียนบุญ คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่                 | ผู้ทำงาน                    |
| 2.14 | ผศ.พญ.ศิริกุล อิศรานุกรักษ์ คณะสาธารณสุขศาสตร์ มหาวิทยาลัยมหิดล           | ผู้ทำงาน                    |
| 2.15 | นายแพทย์สุรศักดิ์ ฐานิพานิชกุล กองอนามัยครอบครัว                          | ผู้ทำงาน                    |
| 2.16 | แพทย์หญิงแสงโสม สีนะวัฒน์ กองโภชนาการ                                     | ผู้ทำงานและเลขานุการ        |
| 2.17 | นางสาววณิชา กิจวรพัฒน์ กองโภชนาการ                                        | ผู้ทำงานและผู้ช่วยเลขานุการ |
| 2.18 | นางวรรณวิมล กิตติติลกุล กองโภชนาการ                                       | ผู้ทำงานและผู้ช่วยเลขานุการ |
3. คณะทำงานจัดทำมาตรฐานเครื่องชี้วัดภาวะโภชนาการตั้งแต่ 5-19 ปี ประกอบด้วย
- |      |                                                                              |                             |
|------|------------------------------------------------------------------------------|-----------------------------|
| 3.1  | ผู้เชี่ยวชาญพิเศษด้านสาธารณสุข (สาขาส่งเสริมสุขภาพ)                          | ประธาน                      |
| 3.2  | ผู้อำนวยการกองอนามัยโรงเรียน                                                 | รองประธาน                   |
| 3.3  | ผู้แทนสำนักงานสถิติแห่งชาติ                                                  | ผู้ทำงาน                    |
| 3.4  | รศ.ดร.สมใจ วิชัยดิษฐ์ ศูนย์วิจัยโรงพยาบาลรามาริบัติ                          | ผู้ทำงาน                    |
| 3.5  | ผศ.ดร.พญ.มันทนา ประทีปะเสน คณะสาธารณสุขศาสตร์<br>มหาวิทยาลัยมหิดล            | ผู้ทำงาน                    |
| 3.6  | ศ.นพ.พิภพ จิรภิญโญ คณะแพทยศาสตร์ศิริราชพยาบาล<br>มหาวิทยาลัยมหิดล            | ผู้ทำงาน                    |
| 3.7  | พญ.แสงโสม สีนะวัฒน์ กองโภชนาการ                                              | ผู้ทำงาน                    |
| 3.8  | นพ.โยเซฟ ชื้อเพียรธรรม คณะแพทยศาสตร์<br>โรงพยาบาลรามาริบัติ มหาวิทยาลัยมหิดล | ผู้ทำงาน                    |
| 3.9  | ดร.อุไรพร จิตต์แจ้ง สถาบันวิจัยโภชนาการ มหาวิทยาลัยมหิดล                     | ผู้ทำงาน                    |
| 3.10 | นางสาวลักขณ์ พัวพัฒนากุล กองอนามัยโรงเรียน                                   | ผู้ทำงาน                    |
| 3.11 | นางนพรัตน์ แก่นาคำ กองอนามัยโรงเรียน                                         | ผู้ทำงานและเลขานุการ        |
| 3.12 | นายแพทย์ชัยรัตน์ ลำไ้ กองโภชนาการ                                            | ผู้ทำงานและผู้ช่วยเลขานุการ |
| 3.13 | นางณัฐวรรณ เขาวนลิติกุล กองโภชนาการ                                          | ผู้ทำงานและผู้ช่วยเลขานุการ |
- ให้คณะทำงานมีหน้าที่ตามกลุ่มอายุที่รับผิดชอบดังนี้
- 1) พิจารณาเครื่องชี้วัดภาวะโภชนาการที่เหมาะสม
  - 2) พิจารณาวិธีการเก็บข้อมูล การสุ่มตัวอย่าง การเตรียมการในการเก็บข้อมูล
  - 3) เก็บรวบรวมข้อมูลจากกลุ่มตัวอย่างที่เลือกไว้
  - 4) จัดทำมาตรฐานเครื่องชี้วัดภาวะโภชนาการจากข้อมูลที่รวบรวมไว้
  - 5) เรื่องอื่นๆ ตามที่คณะกรรมการฯ มอบหมายให้

ทั้งนี้ตั้งแต่บัดนี้เป็นต้นไป

(สำเนา)  
**คำสั่งกระทรวงสาธารณสุข**  
 ที่ 987/2537

เรื่อง แต่งตั้งคณะกรรมการและคณะทำงานจัดทำมาตรฐานน้ำหนัก ส่วนสูง  
 และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทยเพิ่มเติม

ตามที่ กระทรวงสาธารณสุข ได้มีคำสั่งที่ 849/2537 ลงวันที่ 15 พฤศจิกายน 2537 แต่งตั้งคณะกรรมการและคณะทำงานจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทยนั้น

บัดนี้ ที่ประชุมคณะกรรมการจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนไทย ครั้งที่ 1/2537 ซึ่งได้ประชุมเมื่อวันที่ 7 ธันวาคม 2537 ได้มีมติให้แต่งตั้งคณะทำงานเพิ่มเติมอีก 6 ราย ดังนั้นกระทรวงสาธารณสุข จึงแต่งตั้งบุคคลดังรายนามท้ายนี้ เป็นคณะทำงานจัดทำมาตรฐานเครื่องชี้วัดภาวะโภชนาการตั้งแต่ 5-19 ปี เพิ่มเติม คือ

- |                            |                                                   |
|----------------------------|---------------------------------------------------|
| 1. แพทย์หญิงอรพรรณ เมฆสุภา | กองส่งเสริมสุขภาพสำนักอนามัย<br>กรุงเทพมหานคร     |
| 2. นางนงเยาว์ แข่งเพ็ญแข   | กองวิชาการ<br>สำนักงานการประถมศึกษาแห่งชาติ       |
| 3. นายสุรพงศ์ พูลสุวรรณ    | กองนโยบายและแผน<br>สำนักงานการประถมศึกษาแห่งชาติ  |
| 4. นางกาญจนา สุวัฒนา       | หน่วยศึกษานิเทศก์ กรมสามัญศึกษา                   |
| 5. นางวิมลรัตน์ บุญชู      | หน่วยศึกษานิเทศก์<br>สำนักงานคณะกรรมการศึกษาเอกชน |
| 6. นางสาวศรี มาสมบูรณ์     | หน่วยศึกษานิเทศก์<br>สำนักงานศึกษากรุงเทพมหานคร   |

ทั้งนี้ ตั้งแต่บัดนี้เป็นต้นไป

สั่ง ณ วันที่ 23 ธันวาคม พ.ศ.2537

(นายเกษดา สินธวานนท์)  
 รองปลัดกระทรวง ปฏิบัติราชการแทน  
 ปลัดกระทรวงสาธารณสุข

สำเนาถูกต้อง  
 วณิชา กิจวรพัฒน์  
 (นางสาว วณิชา กิจวรพัฒน์)  
 นักวิชาการสาธารณสุข 7  
 กรมอนามัย  
 ธันวาคม 2542

## โครงการจัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการ ของประชาชนไทยอายุ 1 วัน - 19 ปี พ.ศ.2538

### บทนำ

การส่งเสริมการเจริญเติบโตเป็นสิ่งสำคัญยิ่งในการสร้างทรัพยากรมนุษย์ให้มีค่าเต็มศักยภาพสถานภาพการเจริญเติบโตของเด็กนอกจากจะสามารถสะท้อนสภาวะเศรษฐกิจและสังคมของประเทศแล้ว ยังช่วยสะท้อนระดับการพัฒนาทรัพยากรมนุษย์ของประเทศชาติได้อีกด้วย สภาพสังคมที่เป็นประเทศเจริญทางเศรษฐกิจอย่างรวดเร็ว มีผลกระทบและสะท้อนให้เห็นการเปลี่ยนแปลงของการเจริญเติบโตของเด็ก เศรษฐกิจที่ดีขึ้นทำให้เด็กไทยมีขนาดของร่างกายเพิ่มขึ้นทั้งน้ำหนักและส่วนสูง ดังเช่นผลการศึกษาเปรียบเทียบข้อมูลการเจริญเติบโตของเด็กกรุงเทพมหานคร ในปี พ.ศ.2518, เด็กทั่วประเทศในปี พ.ศ.2528 และเด็กที่ถือว่าครอบคลุมมีเศรษฐกิจสูงในปี พ.ศ.2529 แสดงให้เห็นว่าเด็กทั่วประเทศซึ่งมีการเจริญเติบโตต่ำกว่าเด็กกรุงเทพฯ ในอดีตมีการเจริญเติบโตด้านส่วนสูงดีขึ้น โดยมากเท่ากับเด็กกรุงเทพฯ เมื่อประมาณ 10 ปีก่อน<sup>1</sup>

องค์การอนามัยโลกเสนอให้ใช้มาตรฐานของสหรัฐอเมริกา ซึ่งรวบรวมโดยศูนย์สถิติสาธารณสุขแห่งชาติ (NCHS) ในการแปลผลค่าน้ำหนักต่ออายุ ส่วนสูงต่ออายุ และน้ำหนักต่อส่วนสูง ซึ่งได้รับการเสนอให้ใช้โดยขึ้นอยู่กับพื้นฐานของแนวความคิดที่ได้จากผลการศึกษาที่พบว่า ศักยภาพการเจริญเติบโตของมนุษย์เท่าเทียมกันหมด ไม่มีความแตกต่างกันในด้านผิวและเชื้อชาติ อย่างไรก็ตามได้มีการศึกษาที่พบว่า การเจริญเติบโตสูงและใหญ่ขึ้นของร่างกายไม่ได้สัมพันธ์โดยตรงกับภาวะสุขภาพอนามัยที่ดีขึ้น ทำให้ประเทศต่างๆ รวมทั้งประเทศไทยเริ่มสร้างมาตรฐานของน้ำหนักและส่วนสูงของเด็กในระดับประเทศและท้องถิ่นขึ้นใช้เองเนื่องจากมีความเหมาะสมกว่า<sup>2</sup>

ดังนั้นในปี พ.ศ.2518 กองโภชนาการ กรมอนามัย ร่วมกับคณะแพทยศาสตร์ ศิริราชพยาบาล ได้เริ่มจัดทำมาตรฐานน้ำหนัก ส่วนสูง ของเด็กไทยอายุต่ำกว่า 5 ปี ในเด็กปกติที่มาจากครอบครัวที่มีฐานะทางเศรษฐกิจปานกลางในกรุงเทพฯ จำนวน 7,354 คน ค่าเฉลี่ย (Mean) ของน้ำหนักเป็นรายเดือนได้ถูกนำมาสร้างเป็นเส้นโค้งบนกราฟ และใช้วิธีการแบ่งระดับตามวิธีของ Gomez และได้นำมาใช้ในการประเมินภาวะโภชนาการของเด็กอายุต่ำกว่า 5 ปี โดยอาสาสมัครสาธารณสุขและเจ้าหน้าที่สาธารณสุขทั่วประเทศ ข้อมูลที่ได้นอกจากการใช้ในพื้นที่แล้ว ได้ถูกนำมารวบรวมเพื่อใช้ประกอบการวางแผนและการประเมินผลในระดับประเทศด้วย<sup>3</sup>

1. บุรณะ ชวลิตธำรง, *Comparative Growth of Thai Children in Different Socio-economic Conditions*. ใน *Growth Assessment and Monitoring*, Editors Supranee Changbumrung and David L. Yeung. *Proceeding of the Heinz Institute of Nutritional Sciences Symposium 1991*.

2. ชวลิต สันติกิจรุ่งเรือง และ มยุรี นกยูงทอง. ภาวะโภชนาการของเด็กไทยอายุ 3-36 เดือน (น้ำหนักและส่วนสูง). ใน : เอกสารการสัมมนาผลการวิเคราะห์ข้อมูลขั้นที่สอง โครงการสำรวจประชาชนและการอนามัยในประเทศไทย ปี พ.ศ.2530 สถาบันประชากรศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย, เอกสารหมายเลข 171/32 ธันวาคม 2532 : 1/5-242.

3. พวงทอง ดันติวงษ์, ไพฑูรย์ ปวีรรพภาษา และสวนันท์ แข็งแรง. การศึกษาเบื้องต้นในการจัดทำมาตรฐาน น้ำหนัก ส่วนสูง ของเด็กไทยอายุต่ำกว่า 5 ปี. การอนามัยและสิ่งแวดล้อม 1979 ; 2 : 3 Sep-Dec.

ในปี พ.ศ. 2528 กองโภชนาการ กรมอนามัย ได้จัดทำมาตรฐานน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการของประชาชนไทยอายุ 1 วัน - 19 ปี ในกลุ่มตัวอย่าง semi potential group ขึ้นอีกครั้ง มีการเปรียบเทียบกันพบว่าเด็กไทยในกรุงเทพฯ เมื่อปี พ.ศ.2518 และเด็กไทยทั่วประเทศ พ.ศ.2528 เมื่ออายุ 18 ปี มีส่วนสูงไม่เปลี่ยนแปลง ด้วยเหตุนี้ แบบบันทึกการเจริญเติบโตของเด็ก 0-4 ปี จึงไม่ได้เปลี่ยนแปลง ยังคงใช้ข้อมูลของปี พ.ศ. 2518

ผลการประเมินภาวะโภชนาการขึ้นกับมาตรฐานที่นำมาใช้เป็นตัวเปรียบเทียบกับลักษณะมาตรฐานเด็กไทยดังกล่าวข้างต้น ระดับความเจริญเติบโตของเด็กชุมชนเมืองจะสูงกว่ามาตรฐานอยู่เสมอ ระดับมาตรฐานที่ใช้อาจเป็นเกณฑ์ตัดสินที่ไม่เหมาะสมต่อการพัฒนาความเจริญเติบโตและขนาดของปัญหาที่ประเมินได้ อาจต่ำกว่าที่เป็นจริง ดังนั้นประเทศไทยซึ่งมีปัจจัยค่อนข้างพร้อม ที่จะพัฒนาระดับการเจริญเติบโตของเด็กไทย และหากได้มีการสำรวจการเจริญเติบโตใหม่ในกลุ่มตัวอย่าง potential group เพื่อนำไปสู่การตั้งเป้าหมายของระดับความเจริญเติบโตที่ต้องการพัฒนาให้เด็กไทยไปถึงให้เหมาะสมกับสภาพที่แท้จริง ก็จะช่วยให้เห็นระยะทางที่จะต้องดำเนินการให้เด็กไทยในทศวรรษหน้าเจริญเติบโตไปได้ชัดเจนขึ้น

## วัตถุประสงค์

เพื่อหาค่าเฉลี่ย ค่าเบี่ยงเบนมาตรฐานและค่า Percentile ต่างๆ ของน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของเด็กที่มีการเจริญเติบโตเหมาะสมที่สุด ตั้งแต่แรกเกิด -19 ปี

## เป้าหมาย

เด็กที่มีการเจริญเติบโตเหมาะสมที่สุด (Optimum Growth Group) อายุ 1 วัน - 19 ปี ในพื้นที่เป้าหมาย

## วิธีดำเนินการ

แต่งตั้งคณะกรรมการและคณะทำงานจัดทำมาตรฐาน น้ำหนัก ส่วนสูงและเครื่องชี้วัดภาวะโภชนาการอื่นๆ ของประชาชนเพื่อเป็นเกณฑ์ในการทำกิจกรรมต่างๆ

กิจกรรม

1. ประชุมเชิงปฏิบัติการการจัดทำเกณฑ์อ้างอิงน้ำหนักส่วนสูงและเครื่องชี้วัดภาวะโภชนาการของคนไทย
2. คัดเลือกกลุ่มตัวอย่าง
  - 2.1 กลุ่มตัวอย่าง เด็กแรกเกิด -อายุ 19 ปี 11 เดือน 29 วัน ซึ่งได้แบ่งกลุ่มตัวอย่างออกเป็น 3 ช่วง เพื่อสะดวกต่อการจัดเก็บข้อมูลและการนำไปใช้คือ
    - เด็กแรกเกิด - 5.99 ปี
    - เด็กอายุ 6 - 14.99 ปี
    - อายุ 15 - 19.99 ปี
    - 2.1.1 เด็กอายุต่ำกว่า 2 ปี ทำที่คลินิกเด็กดีของโรงพยาบาล
    - 2.1.2 เด็กอายุ 2 -4 ปี เก็บที่โรงเรียนอนุบาล, สถานรับเลี้ยงเด็กอ่อน
    - 2.1.3 เด็กอายุ 5-19 ปี เก็บที่โรงเรียนประถมศึกษา มัธยมศึกษา และอาชีวศึกษา
  - 2.2 ขนาดตัวอย่าง จำนวน 48,000 คน ให้แบ่งกลุ่มตัวอย่างเป็นช่วงๆ ละ 1 เดือน โดยจัดเก็บตัวอย่างช่วงอายุละ 100 คน/เพศ ตามตารางแสดงสัดส่วนของประชากรแต่ละชั้นในการเก็บ

ข้อมูล การเก็บข้อมูลตรงกับ Age of Midpoint

## 2.3 การคัดเลือกกลุ่มตัวอย่าง กลุ่มตัวอย่างมีลักษณะดังต่อไปนี้

2.3.1 กลุ่มตัวอย่างที่นำมาศึกษาเป็นกลุ่ม Potential คือ เด็กที่เจริญเติบโตได้ใกล้เคียงกับ Genetic Potential ของเด็กในช่วงที่ทำการศึกษาซึ่งเดิมปี พ.ศ. 2529 ใช้ข้อมูล Semi-potential เมื่อใช้ไประยะหนึ่งพบว่าเด็กด้อยโอกาสที่ใช้เกณฑ์มาตรฐานนี้ มีอัตราภาวะทุพโภชนาการลดน้อยลงไปเรื่อยๆ จนถึงขั้นที่เรียกว่าร้ายแรงเหลือน้อยมาก ซึ่งถ้าทำมาตรฐานใหม่เป็น Full Potential จะสามารถ Identified เด็กขาดสารอาหารได้มากขึ้น วางเป้าหมายในการพัฒนาคนไทยในเชิงรุก, Optimum ของศักยภาพเด็กไทยที่จะก้าวไปถึงจะทำให้เด็กทุกๆ คนในราชอาณาจักรได้รับการดูแลอย่างดีที่สุดต่อไปในอีก 10 ปีข้างหน้า สำหรับรายละเอียดในการจัดกลุ่ม Potential จะใช้ Socioeconomic score<sup>5</sup> ซึ่งแบ่งเป็น 4 หัวข้อใหญ่ได้ดังนี้คือ

- การศึกษา แบ่งเป็น 4 ระดับ คือ
  - ก. อุดมศึกษา และอนุปริญญาขึ้นไป
  - ข. มัธยมศึกษา
  - ค. ประถมศึกษา
  - ง. ไม่ได้รับการศึกษา
- อาชีพหัวหน้าครอบครัว แบ่งเป็น 4 ระดับ คือ
  - ก. วิชาชีพ ผู้บริหาร
  - ข. การค้าย่อย และผู้ที่ประกอบวิชาชีพต่ำกว่าปริญญา
  - ค. ช่างฝีมือ เสมียน พนักงาน ต่ำกว่าอนุปริญญา
  - ง. พ่อค้าหาบเร่ กรรมกร รับจ้างทั่วไป
- จำนวนบุตรในครอบครัว แบ่งเป็น 4 ระดับ คือ
  - ก. 1-2 คน
  - ข. 3 คน
  - ค. 4 คน
  - ง. 5 และมากกว่า
- ประวัติการเลี้ยงดู แบ่งเป็น 4 ระดับคือ
  - ก. มารดาเลี้ยงดูเองตลอด
  - ข. สถานพยาบาล ญาติ บุคคลอื่น เลี้ยงเฉพาะเวลาที่บิดา มารดาไปทำงาน ส่วนกลางคืนเลี้ยงเอง
  - ค. คนใช้ดูแลตลอด
  - ง. สถานรับเลี้ยงเด็กที่ไม่มีพยาบาลดูแลตลอด

ถ้าอยู่ในข้อ ง. ทุกข้อให้ตัดออกตั้งแต่แรกทุกคน

ถ้าอยู่ในข้อ ค. 2 ข้อขึ้นไป ให้ตัดออก ยกเว้นผู้ที่อยู่ในข้อ ก. 2 ข้อ

2.3.2 ไม่มีอาการป่วยขณะศึกษาใช้ Clinical examination detect เช่น เด็กที่เป็นไข้ ท้องเดิน ท้องเสียเฉียบพลันตัดออก ถ้ามีแค่น้ำมูกไหลจะ Include

2.3.3 ไม่ป่วยด้วยโรคเรื้อรัง เช่น โรคหัวใจ, ไต, ตับ, โรคเลือด, โรคอุจจาระร่วงเรื้อรังเป็น Chronic malnutrition เห็นชัดเจน ฯลฯ

5. เพ็ญศรี กาญจนบุรี และคณะ. การศึกษาการเจริญเติบโตของเด็กในกรุงเทพฯ แรกเกิด - 18 ปี ภาควิชากุมารเวชศาสตร์ คณะแพทยศาสตร์โรงพยาบาลรามาธิบดี

- 2.3.4 ไม่เป็นโรคทุพโภชนาการ คือไม่มีอาการดังต่อไปนี้ ผอมแดง ผอมแห้ง มีแผลที่มุมปาก ทั้ง 2 ข้าง แขนลีบ กล้ามเนื้อเหลว ขาอ่อนโค้ง หัวเข่าแอ่นไปข้างหลัง ขณะยืนท้องป่อง แก้มกันสับ ชีตหรืออ้วนมากเกินไปจากการตรวจร่างกายโดย Inspection
- 2.3.5 คลอดครบกำหนดและน้ำหนักแรกคลอดอยู่ระหว่าง 2500-4000 กรัม และคลอดเดี่ยว
- 2.3.6 ไม่มีอาการพิการทางร่างกายประสาพิเศษใดๆ เช่น ดาบด หูหนวก หรือทางสมอง ปัญญาอ่อน
- 2.3.7 มีสัญชาติไทย

### 3. คัดเลือกพื้นที่ดำเนินการเก็บข้อมูล

- 3.1 เก็บข้อมูลในเขตกรุงเทพมหานคร
- 3.2 เก็บข้อมูลในเขตเมืองของทุกภาคในประเทศไทย จำนวน 16 จังหวัด จาก 75 จังหวัด โดยคัดเลือกจังหวัดใหญ่ของแต่ละภูมิภาค ได้แก่จังหวัด
  - 3.2.1 ภาคกลาง จังหวัดอยุธยา, สระบุรี, ชลบุรี, ระยอง, ราชบุรี
  - 3.2.2 ภาคอีสาน จังหวัดนครราชสีมา, อุบลราชธานี, ขอนแก่น, อุดรธานี
  - 3.2.3 ภาคเหนือ จังหวัดเชียงใหม่, ลำปาง, นครสวรรค์, พิษณุโลก
  - 3.2.4 ภาคใต้ จังหวัดสงขลา(หาดใหญ่), นครศรีธรรมราช, ยะลา

### 4. การจัดทำเกณฑ์อ้างอิงน้ำหนัก ส่วนสูง และเครื่องชี้วัดภาวะโภชนาการของประชาชนไทย อายุ 1-19 ปี

- 4.1 เครื่องชี้วัด วิธีการวัดตัวตามหลักของ International Children Center, Paris
  - 4.1.1 เด็กแรกเกิด - 5.99 ปี มีดังต่อไปนี้
    - WEIGHT / AGE / SEX
    - HEIGHT / AGE / SEX (LENGTH / AGE / SEX เมื่อเด็กอายุต่ำกว่า 2 ปี)
    - WEIGHT / HEIGHT / SEX
    - CHEST, HEAD CIRCUMFERENCE / AGE / SEX
    - LEFT MID-UPPER ARM CIRCUMFERENCE / AGE / SEX
  - 4.1.2 เด็กอายุ 6 ปี - 19.99 ปี
    - WEIGHT / AGE / SEX
    - HEIGHT / AGE / SEX
    - WEIGHT / HEIGHT / SEX
- ใช้ Tricep skinfold เพื่อคัดเด็กอ้วนออกถ้าค่ามากกว่า P 97 ของแต่ละอายุตามเกณฑ์ของ Tanner
- 4.2 เครื่องมือ
  - 4.2.1 เครื่องมือใช้ Beam balance scale และเครื่องชั่งเด็กก่อนมีความละเอียดวัดได้ถึง 50-100 มิลลิกรัม มีการ Standardize ด้วยตุ้มน้ำหนักมาตรฐาน 5 กิโลกรัม
  - 4.2.2 เครื่องวัดส่วนสูงใช้ Length Board / Metric Tape มีความละเอียดวัดได้ถึง 1 มิลลิเมตร
  - 4.2.3 Fiber Tape ใช้วัดเส้นรอบวงต่างๆ มีความละเอียดวัดได้ถึง 1 มิลลิเมตร

4.3 ทีมงานแบ่งออกเป็น 4 ทีมๆ ละ 6 คน ประกอบด้วยผู้ชำนาญการจากโรงพยาบาลมหาวิทยาลัย, กรมอนามัย กระทรวงสาธารณสุข ซึ่งได้รับการ Standardized โดยผู้เชี่ยวชาญ

4.4 สถิติ

4.1 ใช้ค่า Mean, Standard Deviation

4.2 ใช้ค่า Centile การวิเคราะห์ข้อมูลต่างๆ ด้วยเครื่องประมวลผลจักรกล

4.5 Cut -off -point พิจารณาหลังจากได้ข้อมูลมาแล้ว

การจัดทำ Curve ใช้ Moving Average ในการปรับค่าต่างๆ ให้เป็นลักษณะของเส้นโค้งตามแกนอายุ

## ระยะเวลาดำเนินการเก็บข้อมูล

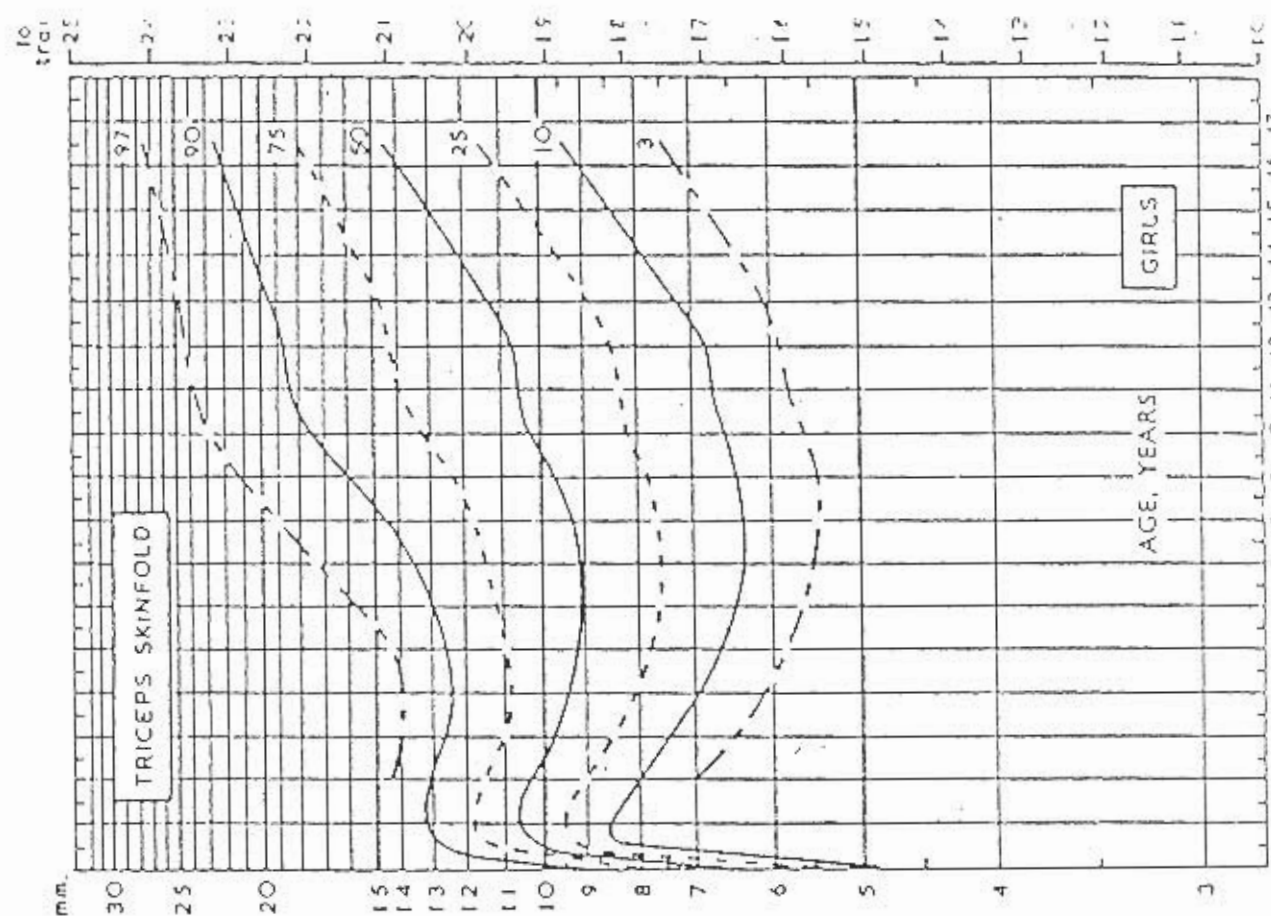
มิถุนายน 2538 - ตุลาคม 2539

## ตาราง สัดส่วนของประชากรของแต่ละชั้นในการเก็บข้อมูล จำแนกตามเพศและอายุ

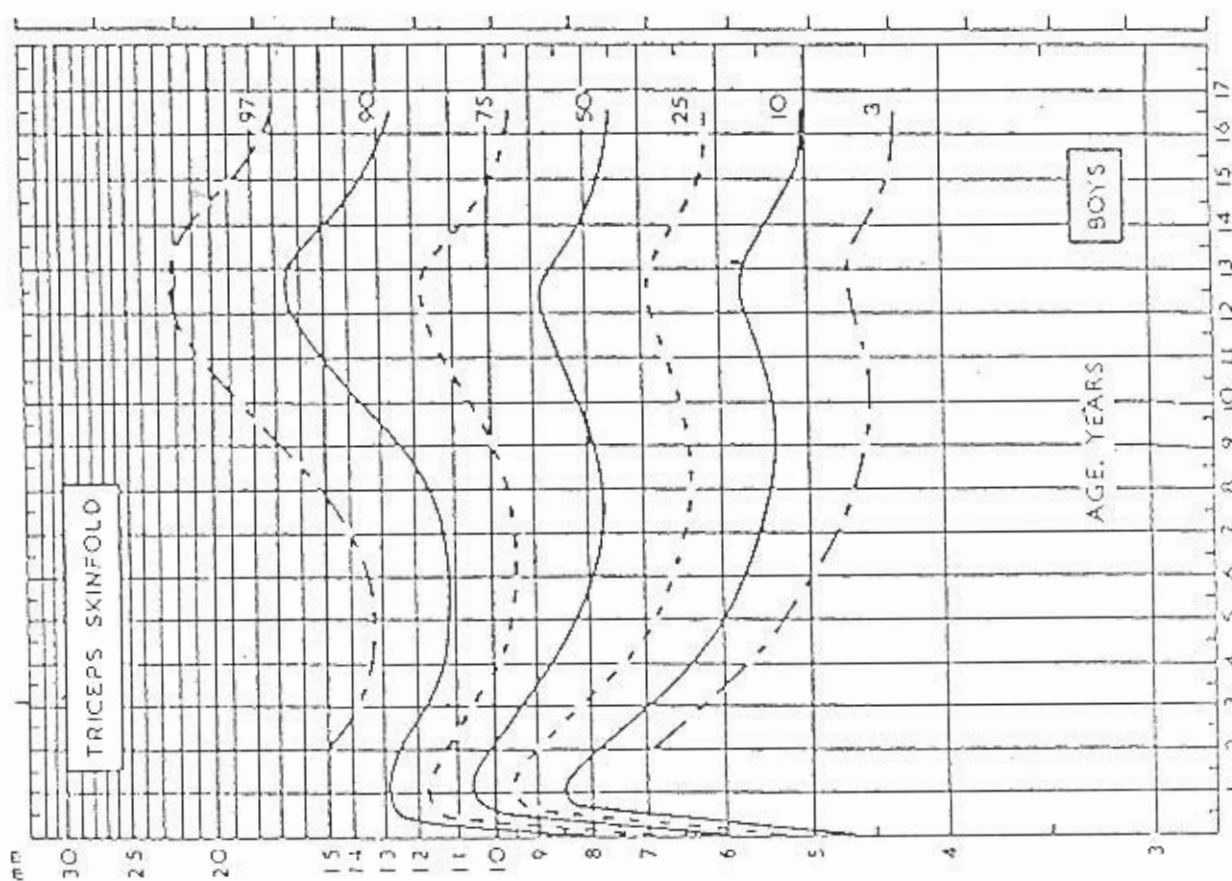
| จังหวัด            | 0-4 ปี |      | 5-9 ปี |      | 10-14 ปี |      | 15-19 ปี |      |
|--------------------|--------|------|--------|------|----------|------|----------|------|
|                    | ชาย    | หญิง | ชาย    | หญิง | ชาย      | หญิง | ชาย      | หญิง |
| 1. สระบุรี         | 2      | 2    | 2      | 2    | 2        | 2    | 3        | 3    |
| 2. อุทัยธานี       | 3      | 3    | 3      | 3    | 3        | 3    | 3        | 3    |
| 3. ชลบุรี          | 4      | 4    | 4      | 4    | 5        | 5    | 5        | 4    |
| 4. ระยอง           | 2      | 2    | 2      | 2    | 2        | 2    | 2        | 2    |
| 5. ราชบุรี         | 4      | 4    | 4      | 4    | 4        | 4    | 4        | 4    |
| 6. นครราชสีมา      | 11     | 11   | 11     | 11   | 12       | 12   | 12       | 12   |
| 7. อุบลราชธานี     | 9      | 9    | 8      | 8    | 9        | 9    | 10       | 10   |
| 8. ขอนแก่น         | 7      | 7    | 7      | 7    | 7        | 7    | 8        | 8    |
| 9. อุดรธานี        | 8      | 8    | 8      | 8    | 8        | 8    | 9        | 9    |
| 10. เชียงใหม่      | 6      | 6    | 6      | 6    | 6        | 6    | 6        | 6    |
| 11. ลำปาง          | 3      | 3    | 3      | 3    | 3        | 3    | 3        | 3    |
| 12. นครสวรรค์      | 5      | 5    | 5      | 5    | 5        | 5    | 5        | 5    |
| 13. พิษณุโลก       | 3      | 3    | 4      | 4    | 4        | 4    | 4        | 4    |
| 14. สงขลา          | 7      | 7    | 7      | 7    | 6        | 6    | 5        | 5    |
| 15. นครศรีธรรมราช  | 9      | 9    | 9      | 9    | 7        | 7    | 6        | 6    |
| 16. ยะลา           | 3      | 3    | 2      | 2    | 2        | 2    | 2        | 2    |
| 17. กทม.และปริมณฑล | 14     | 14   | 15     | 15   | 15       | 15   | 13       | 14   |
| รวม                | 100    | 100  | 100    | 100  | 100      | 100  | 100      | 100  |

ที่มา : จากการคาดประมาณประชากรปี 2537 เทียบเป็นสัดส่วนของแต่ละภาค จังหวัด หมวดอายุ และเพศ สมุดรายงานสถิติภาค สำนักงานสถิติแห่งชาติ สำนักนายกรัฐมนตรี

## GIRLS



## BOYS





## แบบสำรวจการจัดหามาตรฐานเครื่องชีวิตภาวะโภชนาการ พ.ศ.2538

รหัสตัวอย่างที่

จังหวัด .....

ชื่อโรงเรียน / โรงพยาบาล .....

ชื่อตัว ชื่อสกุล .....

สัญชาติไทย 1. ใช่ 2. ไม่ใช่

เชื้อชาติ .....

เพศ 1. ชาย 2. หญิง

วัน เดือน ปี ที่วัดตัว .....

วัน เดือน ปี เกิด ..... อายุ ..... ปี ..... ค. .... วัน

|   |   |
|---|---|
| 6 | 7 |
| 8 | 9 |

|    |    |
|----|----|
| 10 | 11 |
| 12 |    |

|    |    |    |    |
|----|----|----|----|
| 13 | 14 | 15 | 16 |
|----|----|----|----|

## I ภาวะแวดล้อมของครอบครัว

ขณะใดเคยเป็นผู้เสี่ยงเสีย .....

1. การศึกษาของบิดา ..... มารดา ..... ☐

/ หรือ ผู้ปกครองที่ส่งเสียเลี้ยงดู .....

ก. อุดมศึกษา และทุนเรียนรู้อย่างน้อย

ข. มัธยมศึกษา

ค. ประถมศึกษา

ง. ไม่ได้เรียนการศึกษา

2. อาชีพของบิดา ..... มารดา ..... ☐

/ หรือ ผู้ปกครองที่ส่งเสียเลี้ยงดู .....

ก. วิชาชีพ, ผู้บริหาร, เจ้าของกิจการฟาร์มใหญ่, คหบดี/คหปตานี

ข. การค้าขาย และผู้ประกอบวิชาชีพต่ำกว่าปริญญา

ค. ช่างฝีมือ เสิร์เบ่น พนักงาน เกษตรกรที่มีที่ดินทำกินของตนเอง  
ประมาณระดับไร่ถึง

ง. พ่อค้าหาบเร่ กรรมกร รับจ้างทั่วไป เกษตรกรที่ไม่มีที่ดินทำกิน ลูกเรือ

3. มารดามีบุตรทั้งหมดกี่คน ..... คน ☐

ก. 1-2 คน

ข. 3 คน

ค. 4 คน

ง. 5 และมากกว่า

4. ประวัติการเลี้ยงดู แบ่งเป็น 4 ระดับ ☐

(ตามเฉพาะเด็กอายุต่ำกว่า 5 ปี)

ก. มารดาเลี้ยงดูเอง

ข. สถานพยาบาล ญาติ บุคคลอื่น เลี้ยงเฉพาะเวลาที่บิดามารดาไปทำงาน  
ส่วนกลางวันเลี้ยงเอง

ค. คนใช้ดูแลตลอด

ง. สถานรับเลี้ยงเด็กที่ไม่มีพยาบาลดูแลตลอด / ผ่าก้างบ้านเลี้ยงดู

☐ Include☐ Exclude

## II ข้อมูลการตรวจร่างกายและซักประวัติการเจ็บป่วย

ขอให้เขียนหมายเลขลงในช่อง ☐ 1. มี/ใช่ 2. ไม่มี/ไม่ใช่

1. โรคเรื้อรัง ได้แก่ โรคหัวใจ โรคเลือด โรคตับ

โรคไต หอบ หืด พิการทางร่างกาย ประสาทพิเศษใดๆ

หรือทางสมอง

2. โรคเฉียบพลัน (ภายใน 1 สัปดาห์ก่อนวัดตัว)

เป็นไข้สูง อุกจากระวัง หอบ

3. สมภาวะโภชนาการ

3.1 ขาดสารอาหาร แสดงอาการ กล้ามเนื้อเหลว สืบขณะนั่ง,

ขาอ่อน โค้ง หัวเข่าแอ่นไปข้างหลังขณะยืน, ตาบอดกลางคืน

(ตามเวลาพบค่าดัชนีได้แก่ อี หกสิบหรือไม),

ปากนกกระจอก, คอพอก (แหวนหน้ามองคอโป่งหรือไม่),

ซีดชัดเจน (ดูที่เปลือกตา หรือการหูดสองแฉกจะเห็นว่าซีด),

มี Hookworm

3.2 โรคอ้วน แสดงเห็นว่าอ้วนชัดเจน, หรือรายที่ไม่แน่ใจให้ใช้

Tricep skinfold (วัด 3 ครั้ง)

ค่าเฉลี่ยของ Tricep skinfold.....mm

4. ถ้าอายุ 0-1 ปี

4.1 น้ำหนักแรกเกิดต่ำกว่า 2,500 กรัม

4.2 ครรภ์แฝด

☐ Include☐ Exclude

## III. การตรวจวัดร่างกาย

1. น้ำหนัก ..... กิโลกรัม (จุดทศนิยม 2 ตำแหน่ง)

2. ส่วนสูง ..... เซนติเมตร (จุดทศนิยม 1 ตำแหน่ง)

หรือความยาว ..... เซนติเมตร (จุดทศนิยม 1 ตำแหน่ง)

สำหรับเด็กอายุต่ำกว่า 2 ปี

3. เส้นรอบแขน ..... เซนติเมตร (จุดทศนิยม 1 ตำแหน่ง)

4. เส้นรอบหัว ..... เซนติเมตร (จุดทศนิยม 1 ตำแหน่ง)

5. เส้นรอบอก ..... เซนติเมตร (จุดทศนิยม 1 ตำแหน่ง)

6. เคยมีประจำเดือนแล้วหรือยัง(ผู้หญิง) 1. มีแล้ว 2. ยังไม่มี

เลี้ยงเด็กนม / เลี้ยงเปลี่ยนแล้วหรือยัง 1. เปลี่ยนแล้ว

(ถามผู้ชาย / สังเกตโดยผู้วัดตัว) 2. ยังไม่เปลี่ยน

|    |    |    |    |
|----|----|----|----|
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |

|    |    |    |
|----|----|----|
| 25 | 26 | 27 |
| 28 | 29 | 30 |
| 31 | 32 | 33 |
| 34 |    |    |

ชื่อทีมที่สำรวจ.....

## เกณฑ์การคัดกลุ่มตัวอย่าง

1. ถ้าไม่ใช่สัญชาติไทยให้ตัดออกตั้งแต่แรก
2. แบบสำรวจเกี่ยวกับภาวะแวดล้อมของครอบครัว ใช้เป็นเกณฑ์การคัดกลุ่มตัวอย่าง Potential group
  - 2.1 ให้ขอประวัตินักเรียนจากครู และกรอกข้อมูล ข้อ 1-3
  - 2.2 ถ้าเป็นเด็กอายุต่ำกว่า 5 ปี ให้ซักประวัติจากผู้ปกครอง ตั้งแต่ข้อ 1-4
  - 2.3 คำถามข้อ 1-2 เน้นผู้ที่มีการศึกษาสูงสุด และผู้มีอาชีพที่ดีกว่า ระหว่างบิดาและมารดา  
 แต่ถ้าผู้อื่นเป็นผู้ส่งเสียเลี้ยงดู ให้เน้นคำตอบของผู้ที่ส่งเสียเลี้ยงดูแทนบิดามารดา  
 ถ้าคำตอบอยู่ในข้อ ง ของข้อใดข้อหนึ่ง ให้ตัดออกตั้งแต่แรกทุกคน  
 ถ้าคำตอบอยู่ในข้อ ค 2 ข้อขึ้นไป ให้ตัดออก ยกเว้นมีข้อ ก 2 ข้อ
3. ข้อมูลการตรวจร่างกายและซักประวัติการเจ็บป่วย (ข้อ 4 ถามเฉพาะเด็กอายุต่ำกว่า 1 ปี)  
 ถ้าคำตอบ ตอบว่ามี/ใช่ ในข้อใดข้อหนึ่ง ให้ตัดออก