

Achondroplasia Growth Curves



Growth curves are an important tool your child's healthcare providers use to track, predict, and evaluate growth over time. Achondroplasia-specific growth curves are essential in the care of growing infants and children with achondroplasia and can empower caregivers to ensure their healthcare providers have access to accurate and relevant information. These growth curves were created using data points* from over 1,300 individuals with achondroplasia. Be sure to bring these growth curves to your next doctor's appointment to assess growth over time and facilitate healthcare discussions.

*Achondroplasia Natural History Study (CLARITY) is an 18-year multicenter study of 1,374 subjects with over 37,000 data points which are the basis of these Growth Curves specific to those living with achondroplasia. One of the CLARITY objectives was to develop growth curves (length/height, weight, head circumference, weight-for-height) and corresponding reference tables of mean and standard deviations at 1-month increments from birth through 18 years for clinical use and research for achondroplasia patients.

Stature

Weight for Age

Weight for Height

Head Circumference



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Males

OFC for Age: Birth to 5 years17

Females

OFC for Age: Birth to 5 years18

OFC, occipital frontal circumference

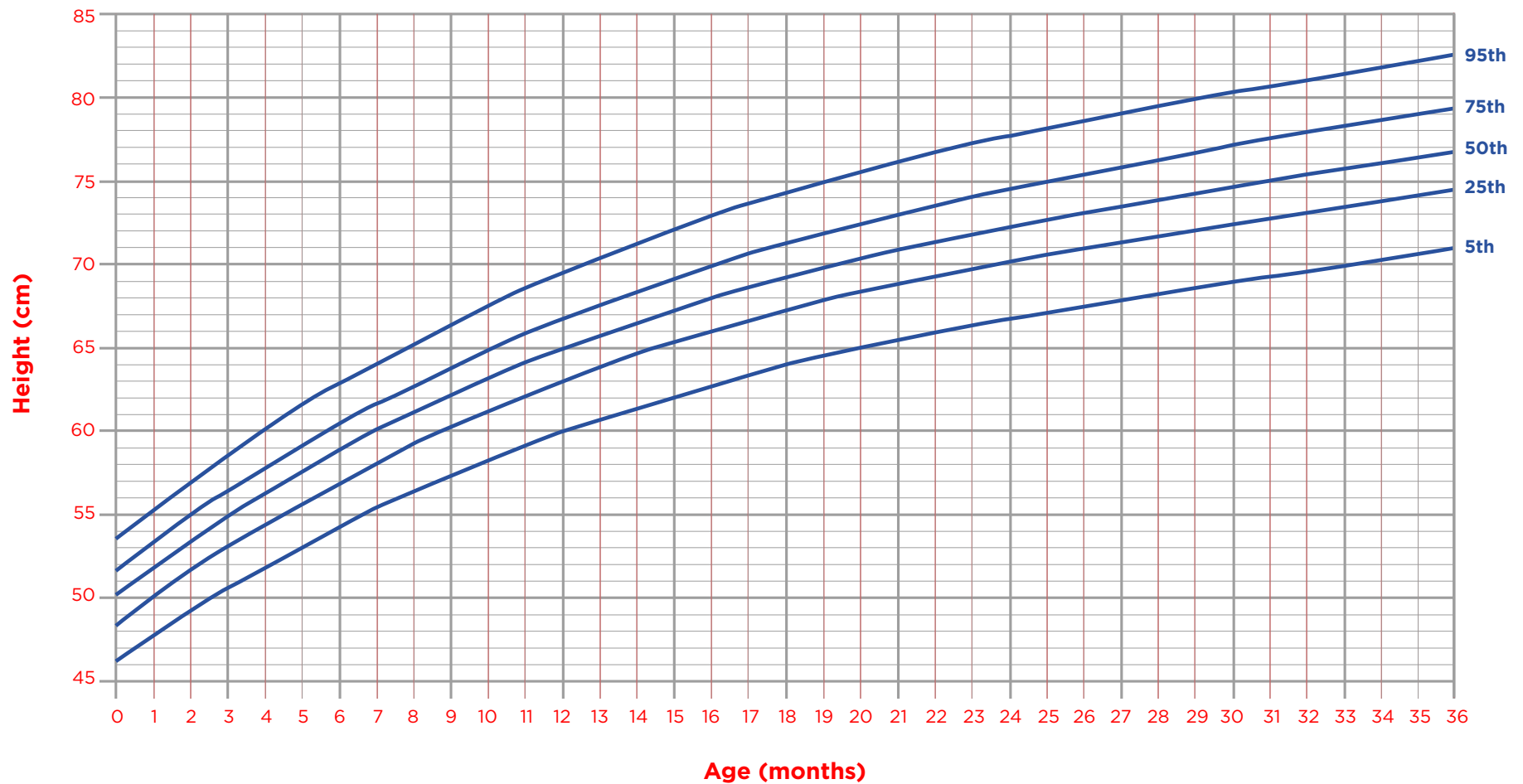
Stature

Weight for Age

Weight for Height

Head Circumference

Length for Age
Males: Birth to 36 Months



Derived from 3024 data points from 544 subjects.

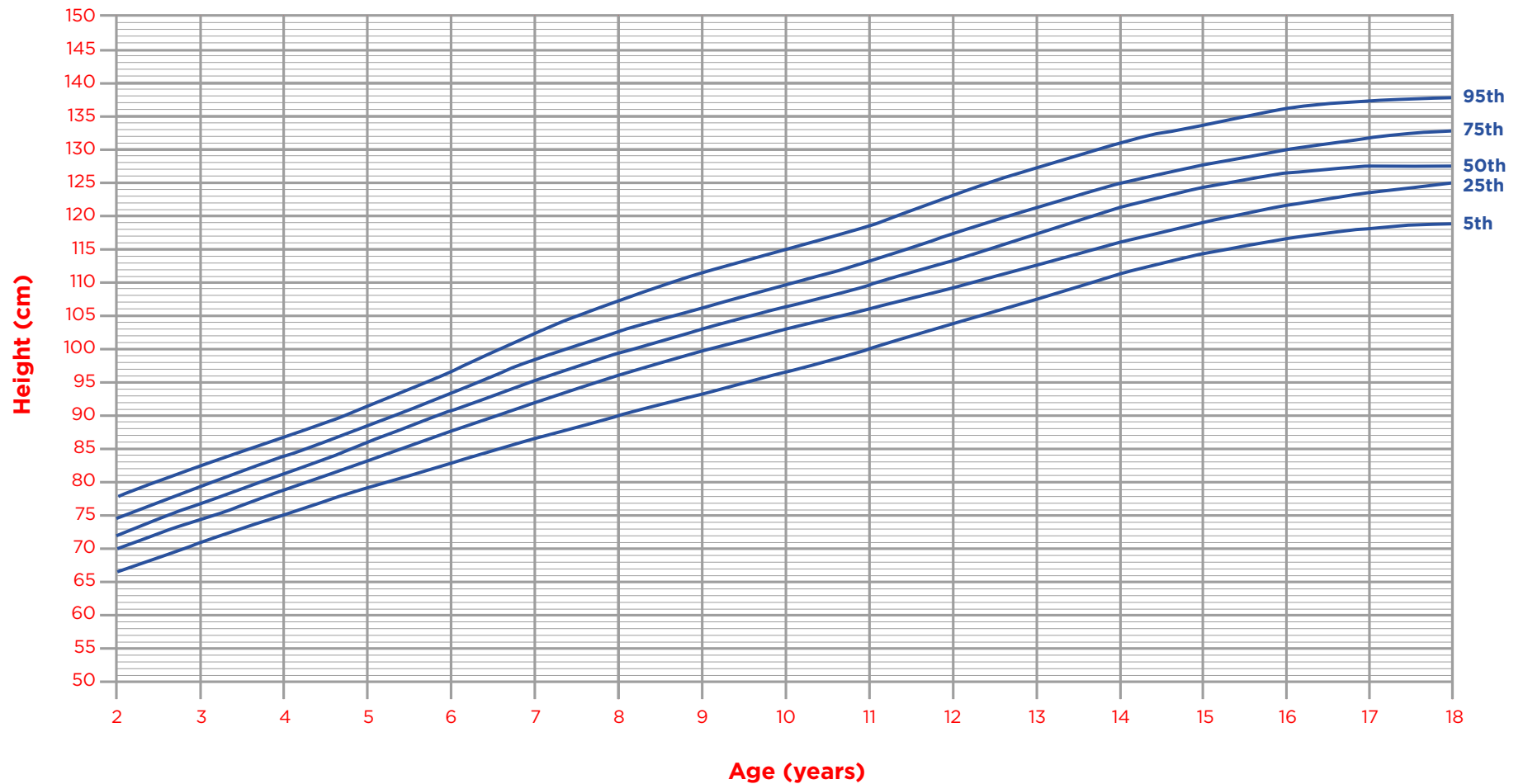
Stature

Weight for Age

Weight for Height

Head Circumference

Height for Age
Males: 2 to 18 Years



Derived from 4011 data points from 549 subjects.

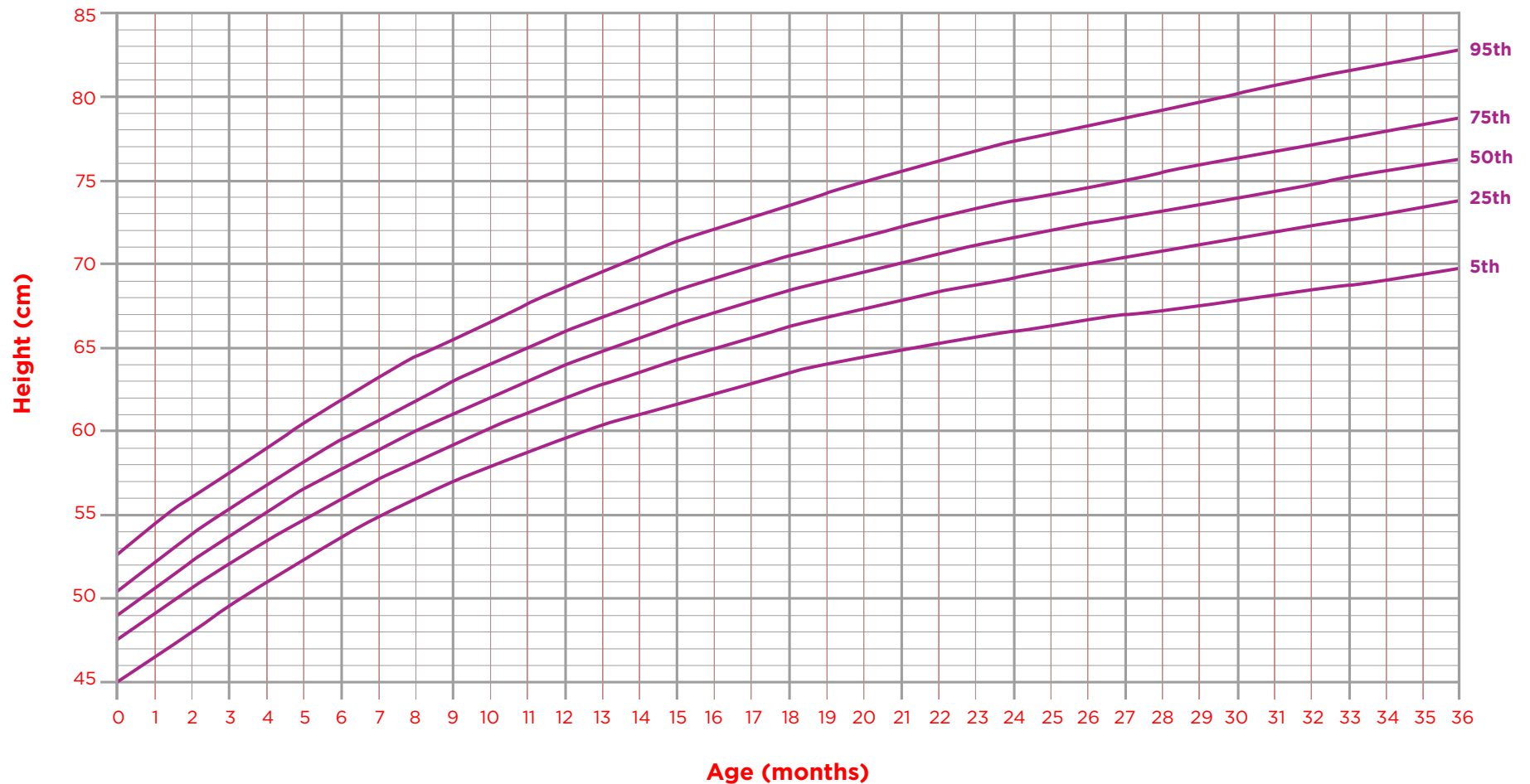
Stature

Weight for Age

Weight for Height

Head Circumference

Length for Age
Females: Birth to 36 Months



Derived from 2700 data points from 489 subjects.

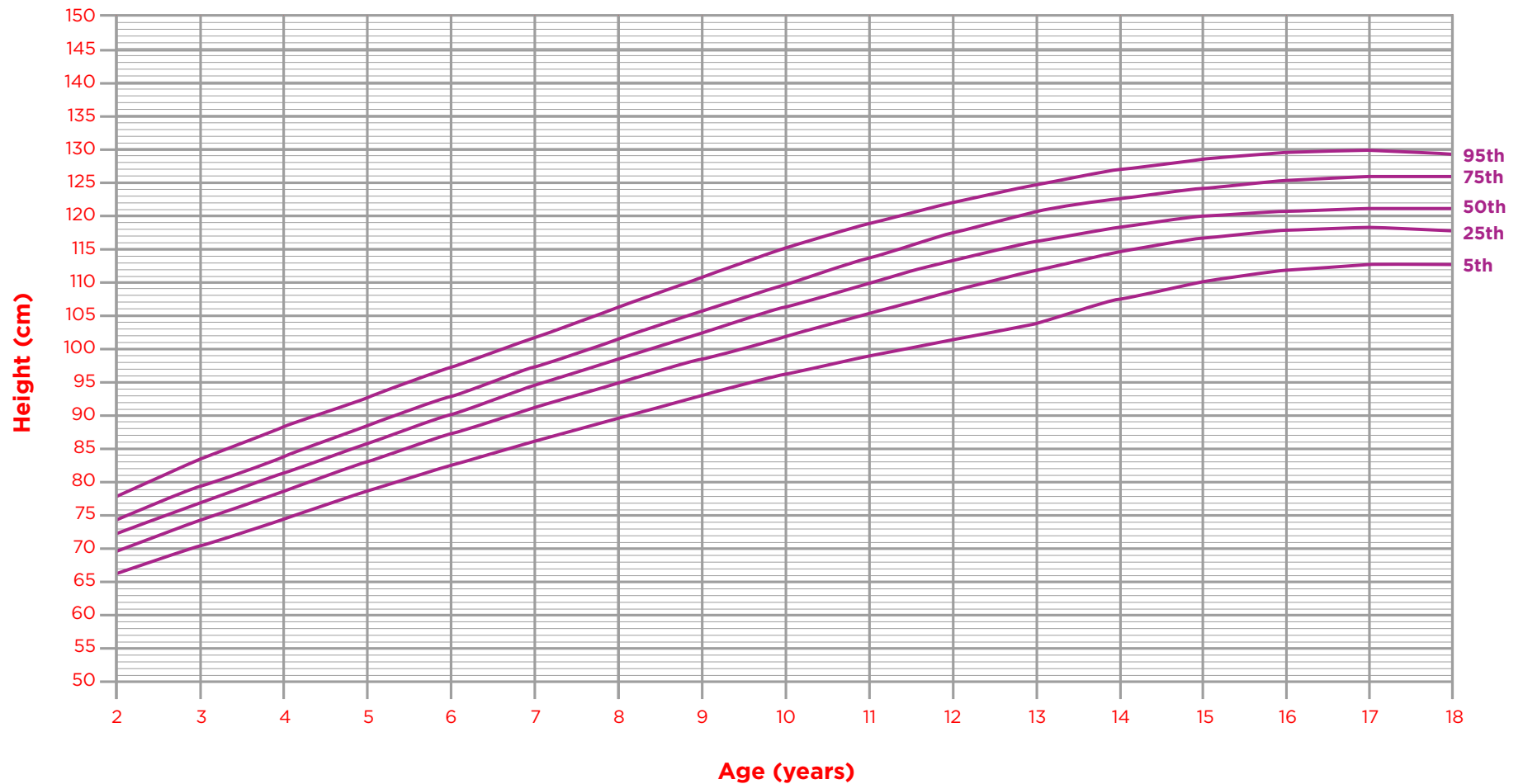
Stature

Weight for Age

Weight for Height

Head Circumference

Height for Age
Females: 2 to 18 Years



Derived from 3703 data points from 502 subjects.

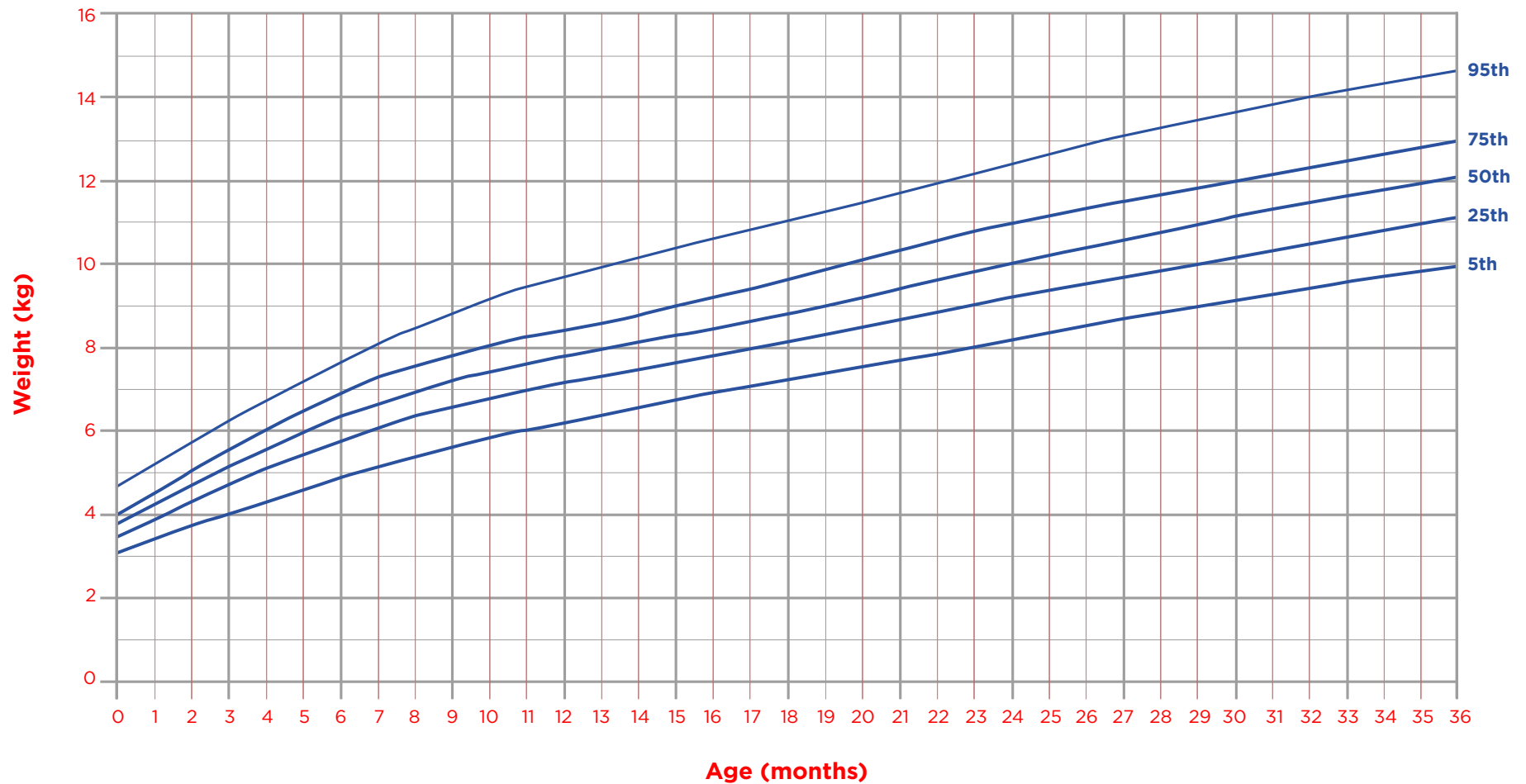
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Age
Males: Birth to 36 Months



Derived from 3585 data points from 549 subjects.

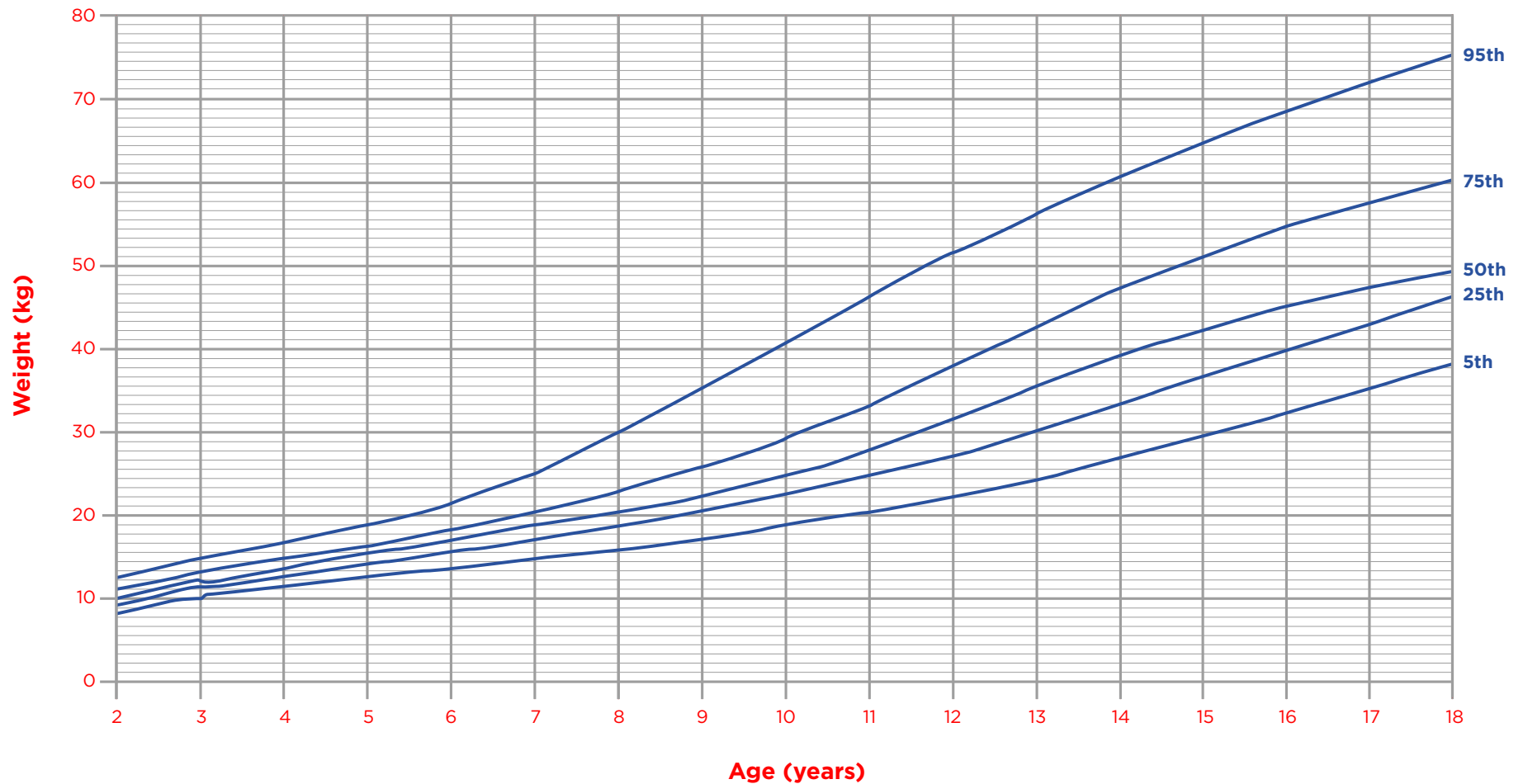
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Age
Males: 2 to 18 Years



Derived from 4512 data points from 528 subjects.

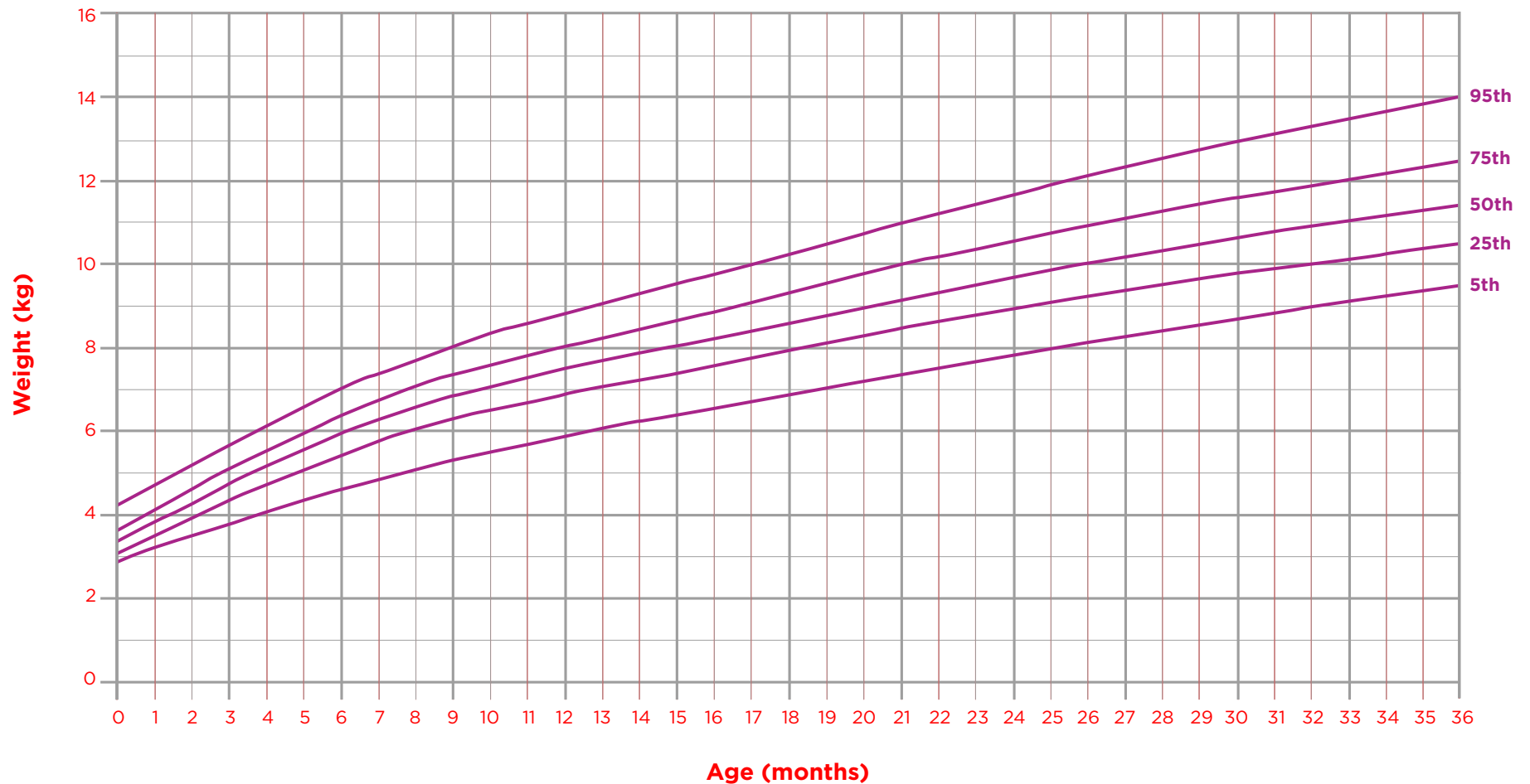
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Age
Females: Birth to 36 Months



Derived from 3087 data points from 491 subjects.

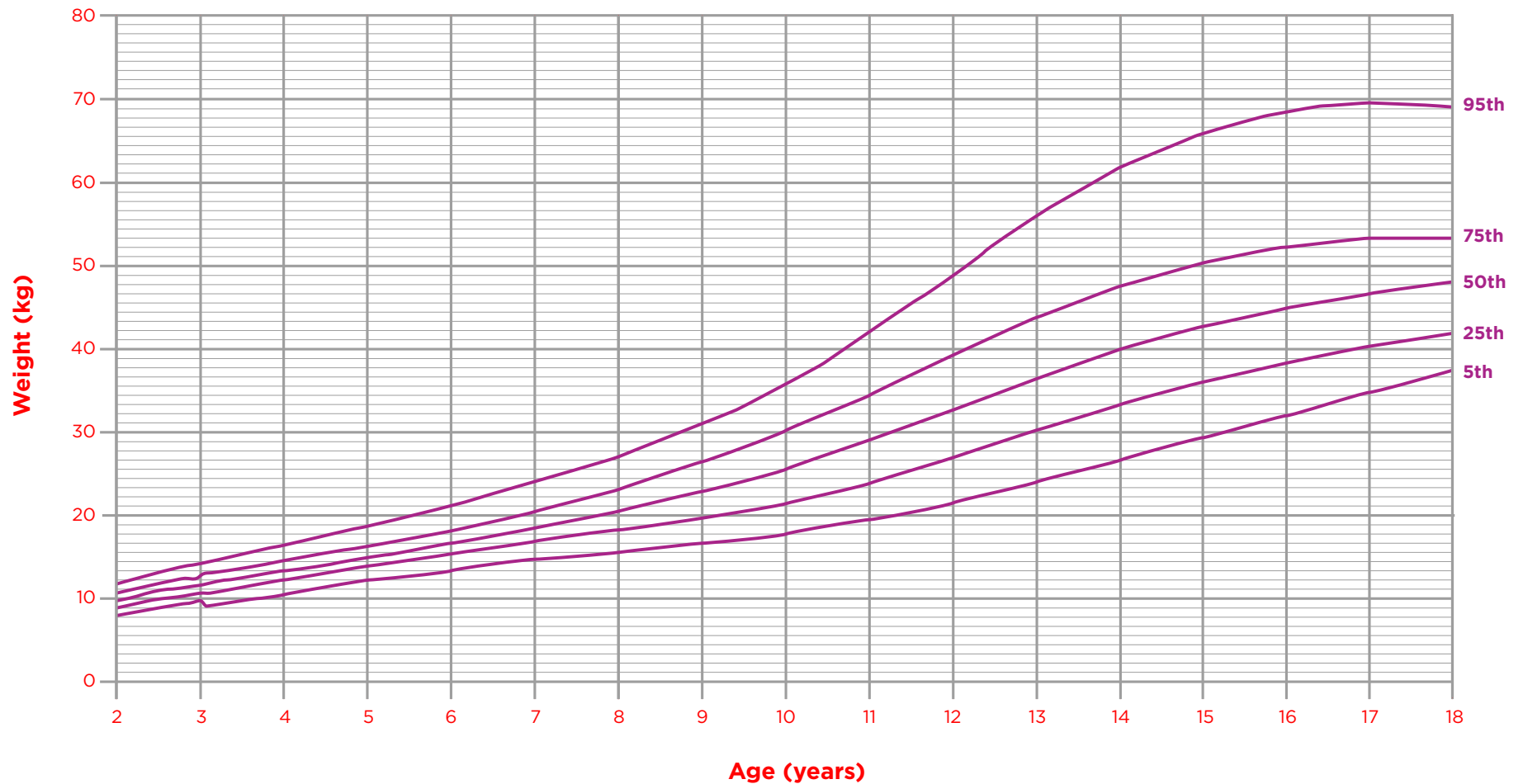
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Age
Females: 2 to 18 Years



Derived from 4236 data points from 482 subjects.

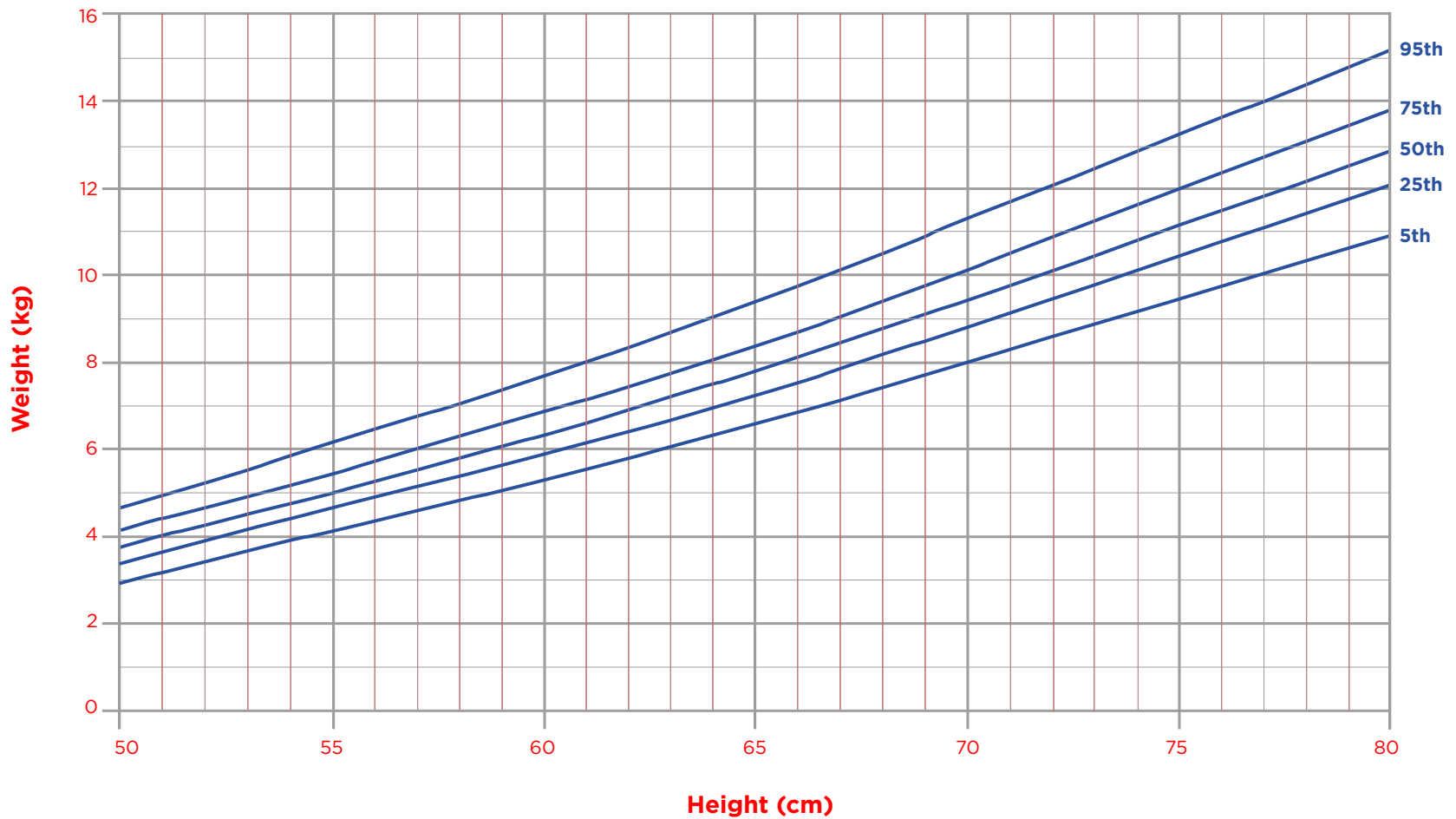
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Height
Males: 50 cm to 80 cm



Derived from 2822 data points from 493 subjects.

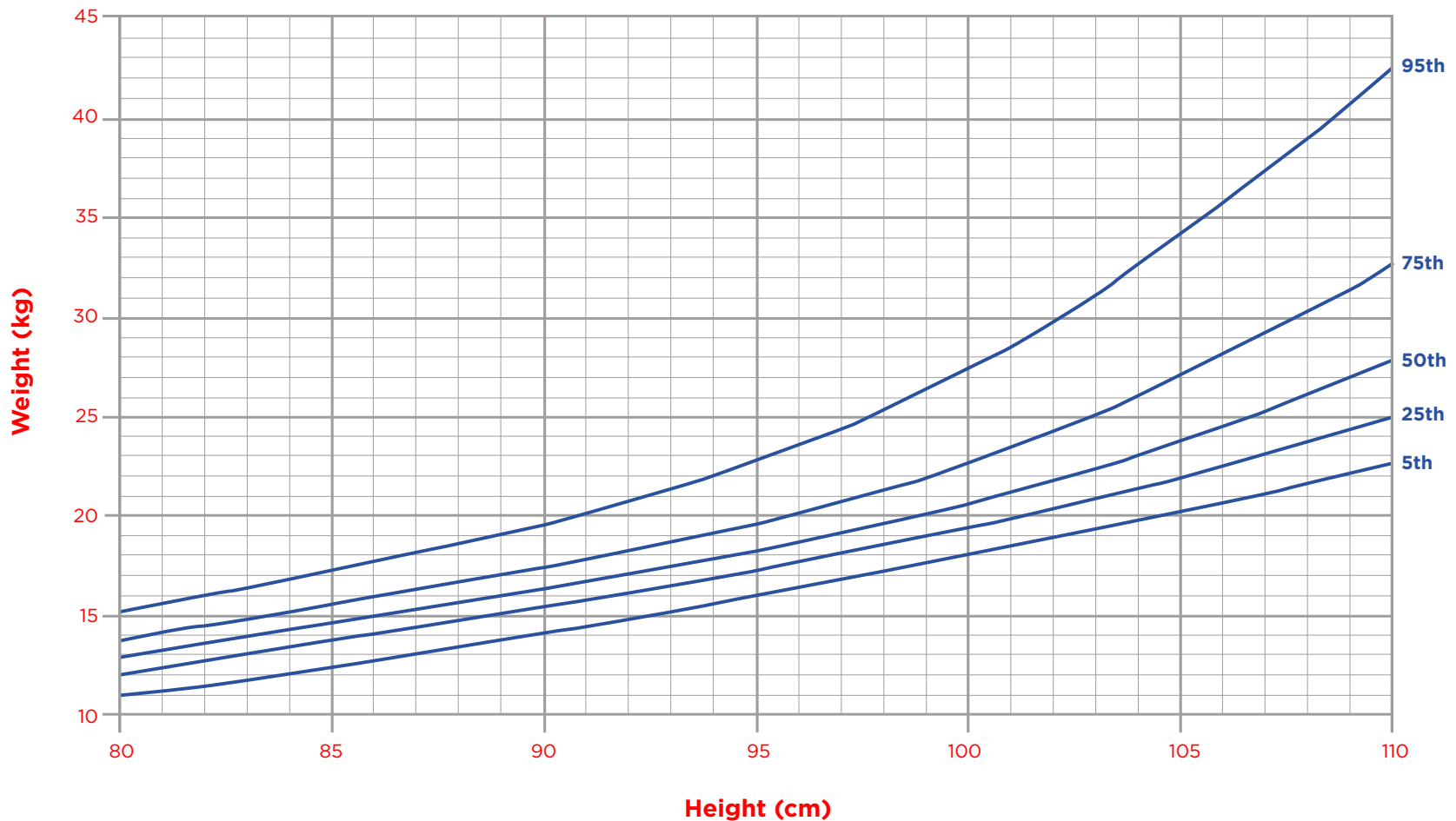
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Height
Males: 80 cm to 110 cm



Derived from 2180 data points from 413 subjects.

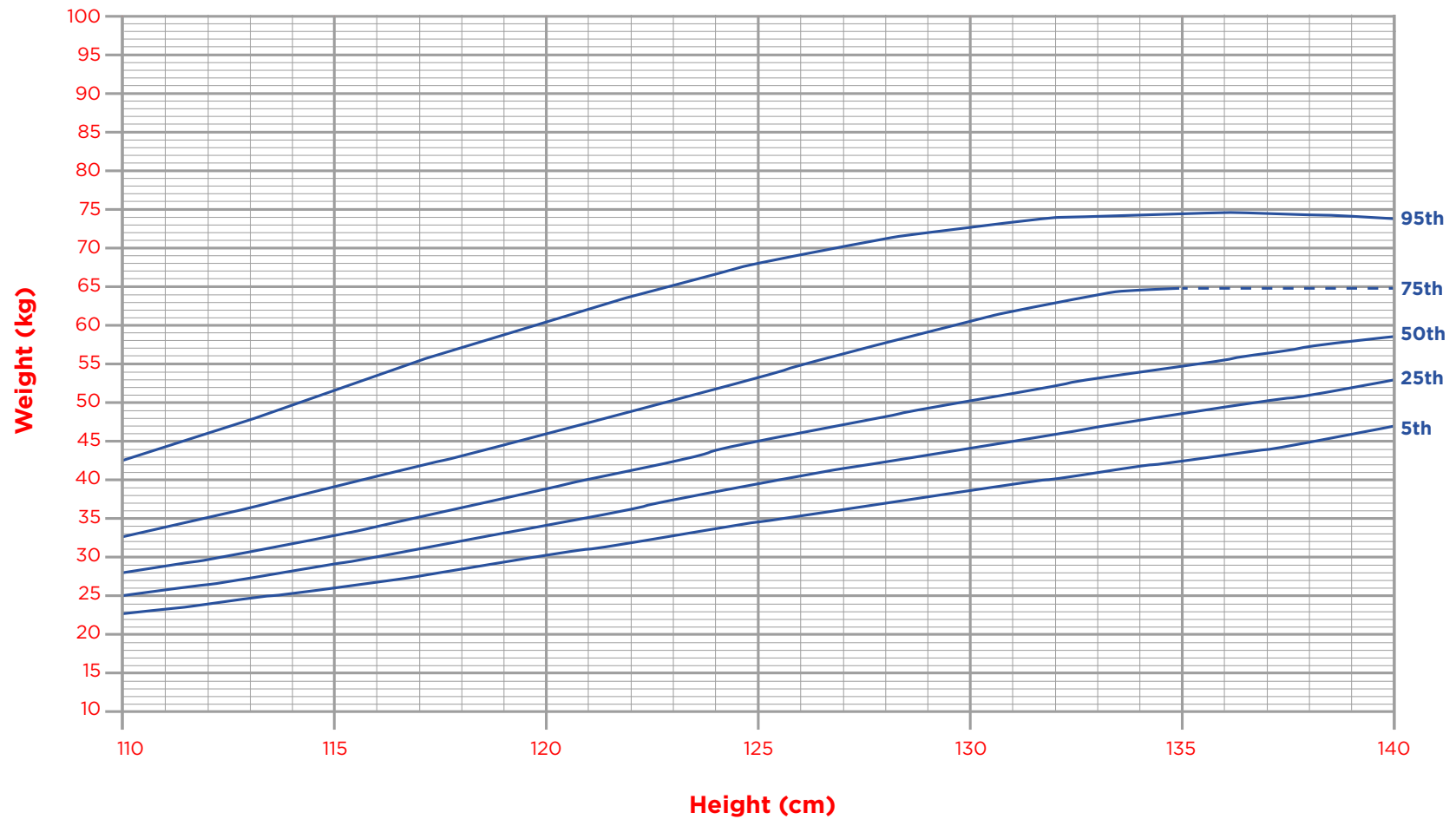
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Height
Males: 110 cm to 140 cm



Derived from 956 data points from 265 subjects.

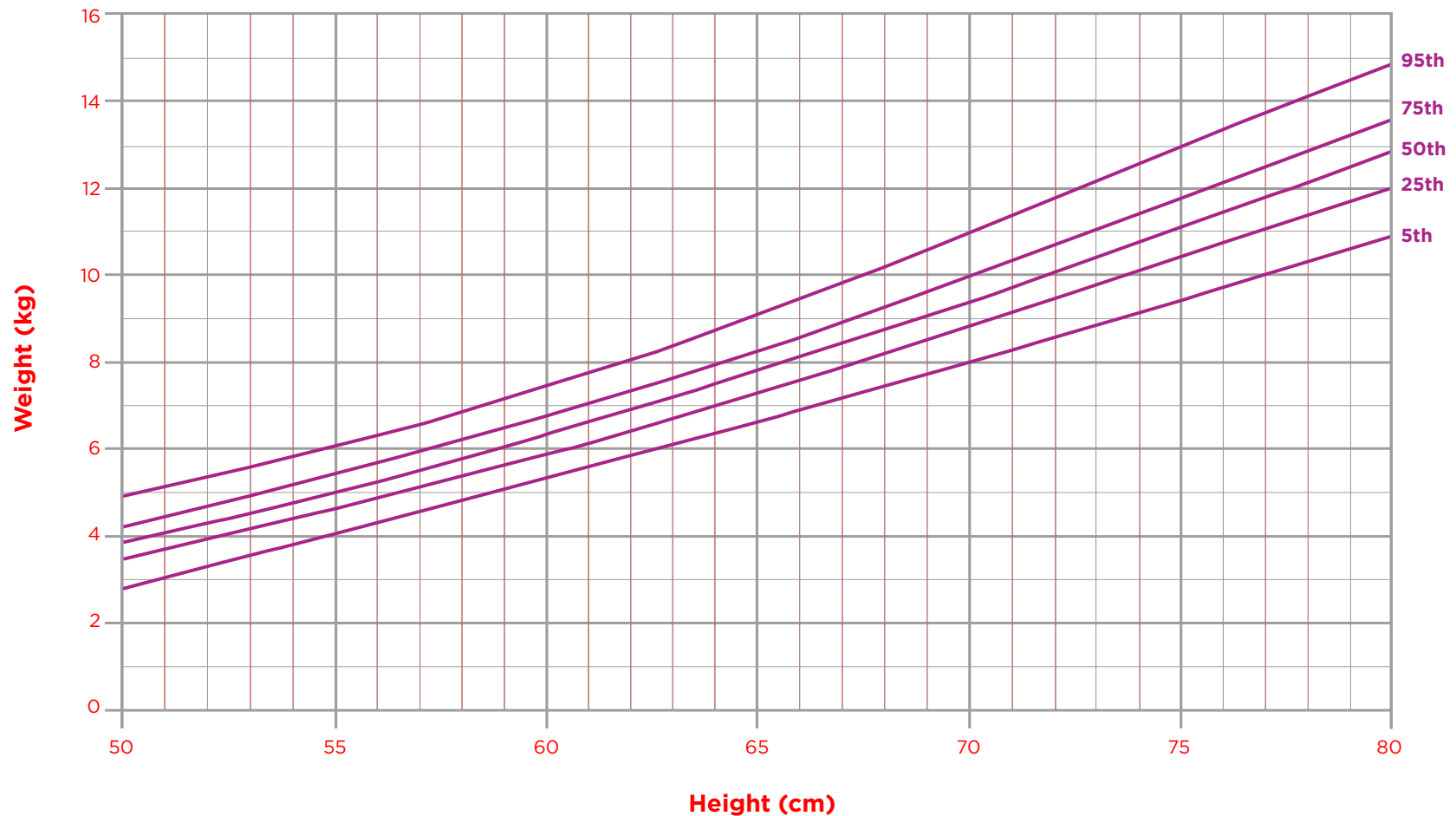
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Height
Females: 50 cm to 80 cm



Derived from 2478 data points from 440 subjects.

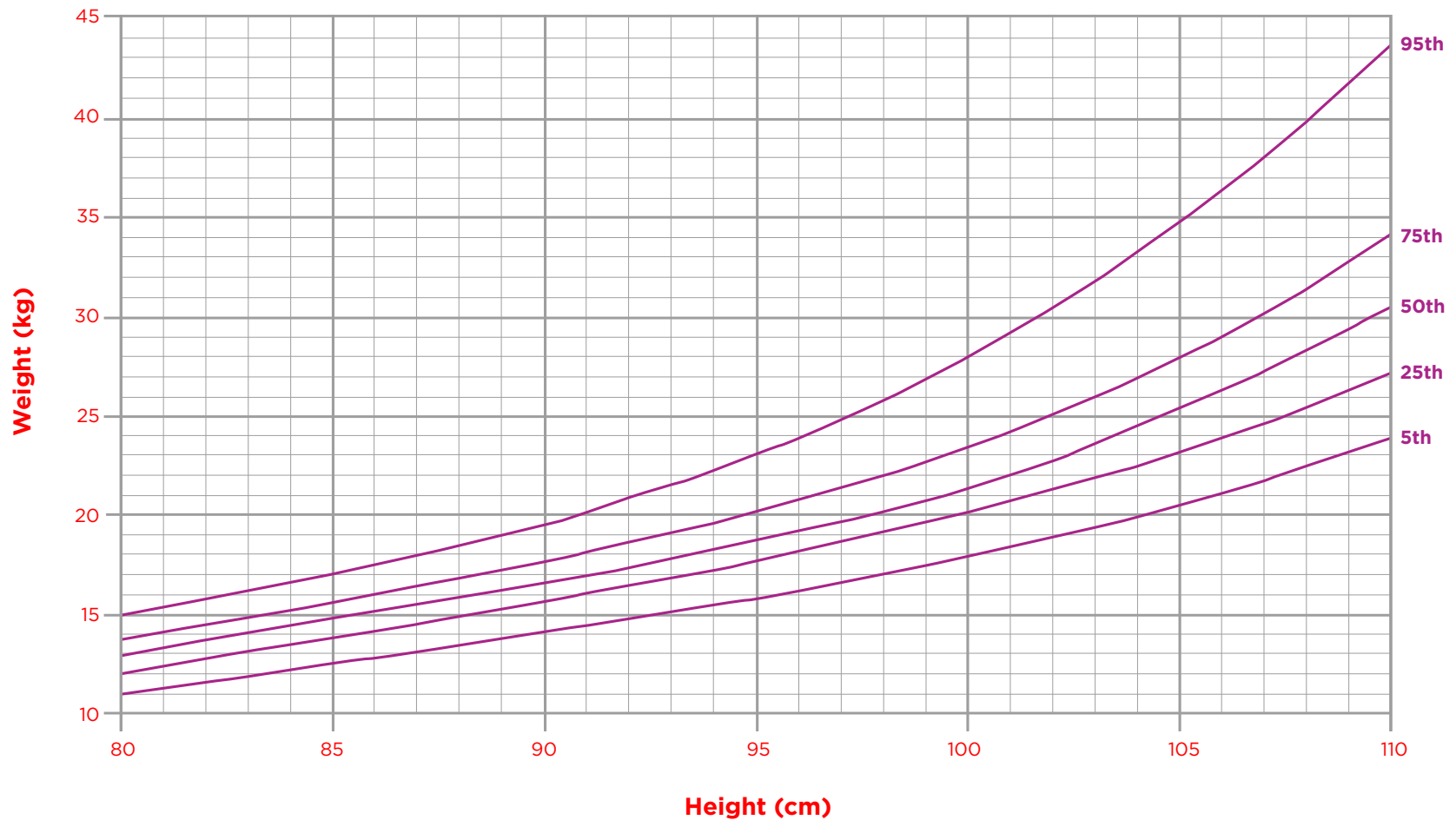
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Height
Females: 80 cm to 110 cm



Derived from 2420 data points from 388 subjects.

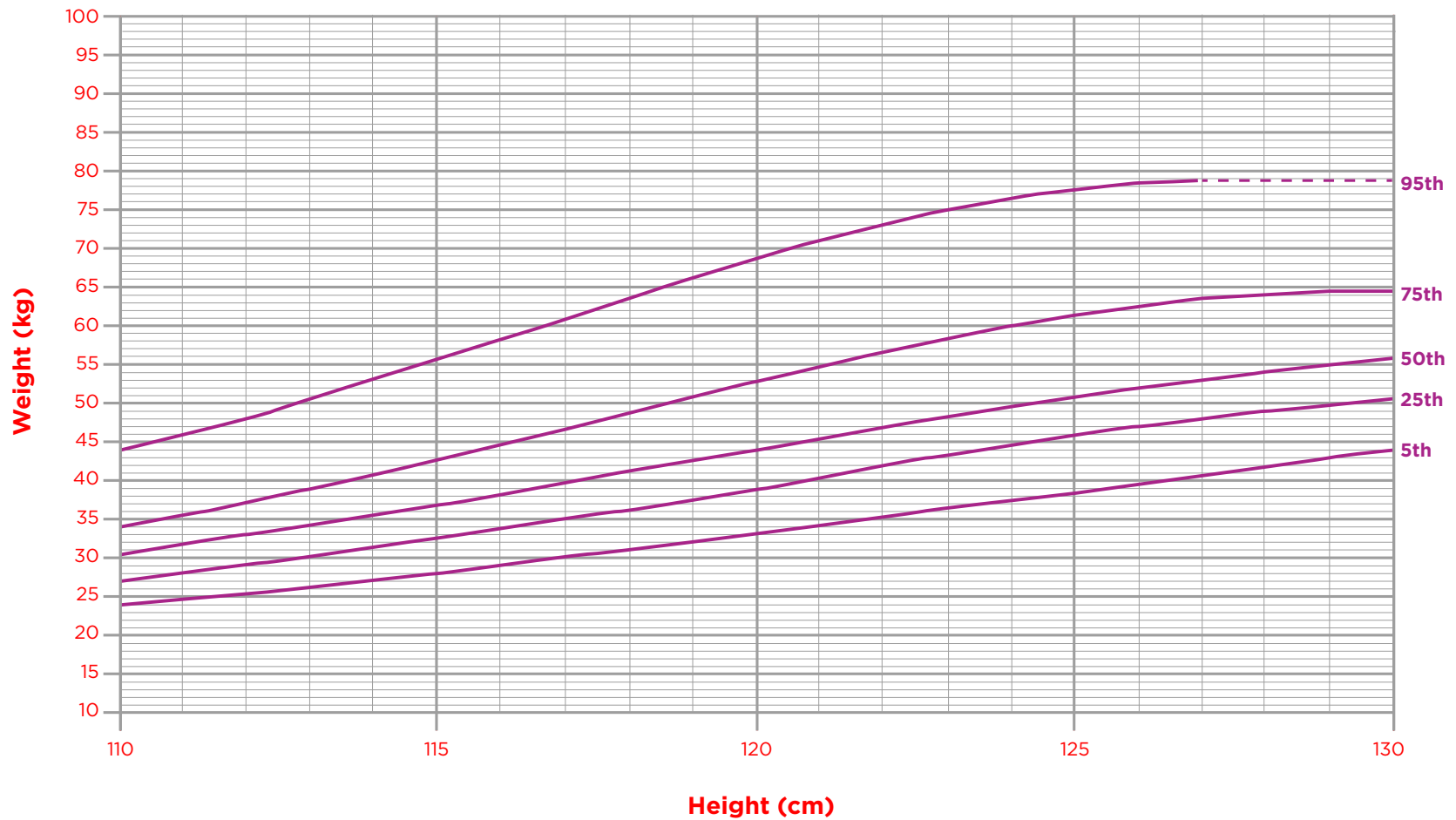
Stature

Weight for Age

Weight for Height

Head Circumference

Weight for Height
Females: 110 cm to 130 cm



Derived from 952 data points from 263 subjects.

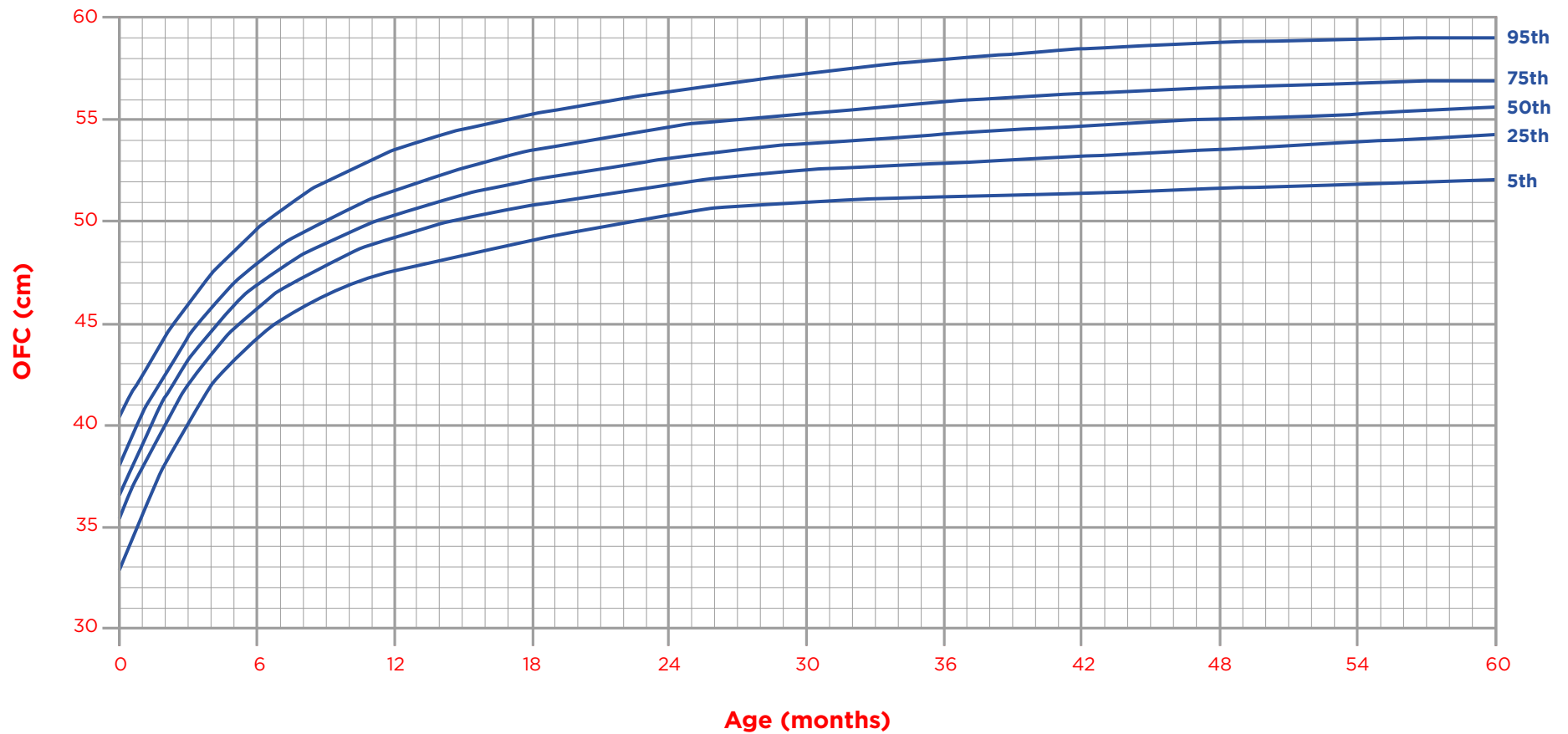
Stature

Weight for Age

Weight for Height

Head Circumference

OFC for Age
Males: Birth to 5 years



OFC, occipital frontal circumference
Derived from 3449 data points from 534 subjects.

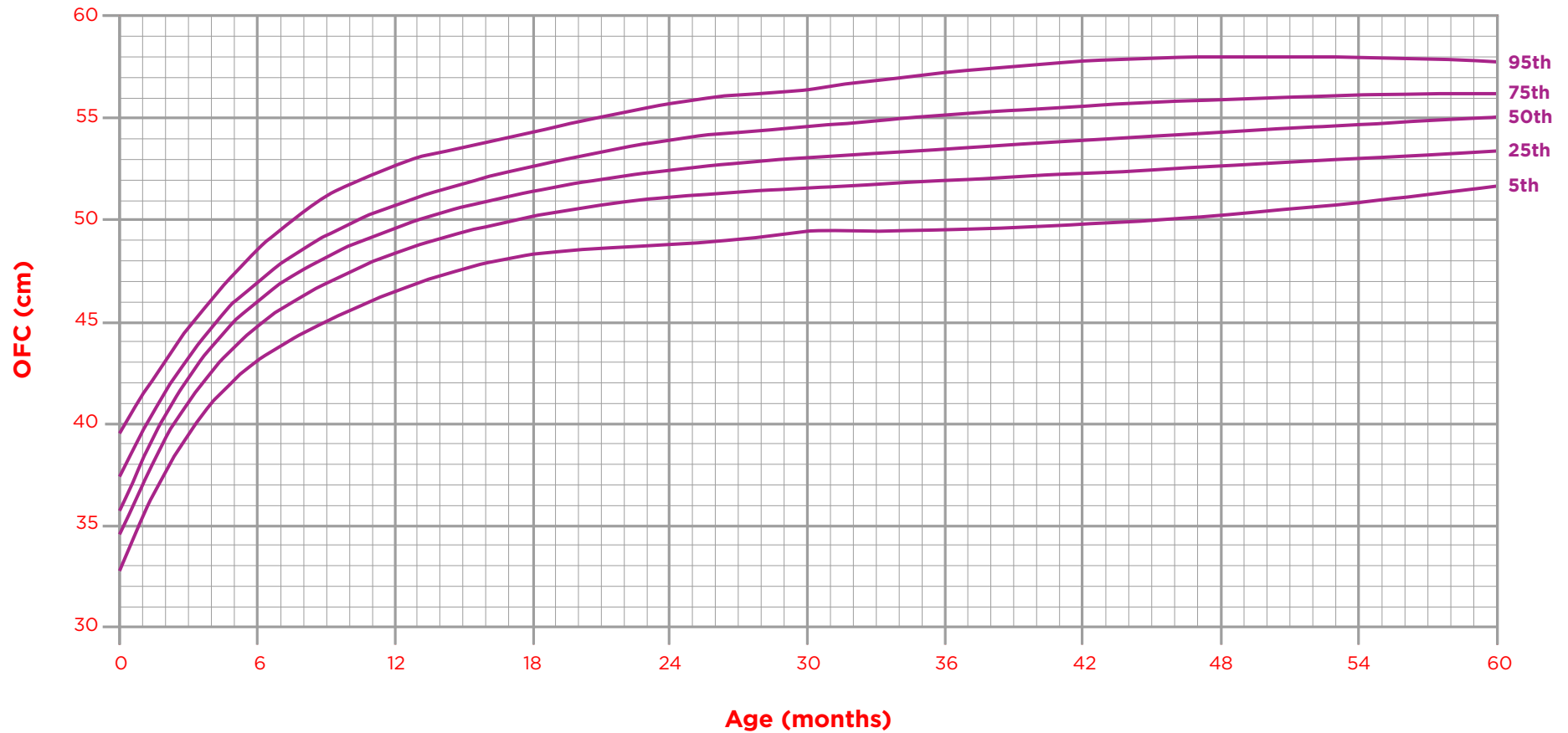
Stature

Weight for Age

Weight for Height

Head Circumference

OFC for Age
Females: Birth to 5 years



OFC, occipital frontal circumference
Derived from 3012 data points from 489 subjects.