

Tanner Stages FEMALE

	Breast	Pubic Hair
Stage 1	No palpable breast tissue	No pubic hair
Stage 2	Palpable breast bud, elevation of papilla, areolar enlargement	Sparse, straight hair along lateral vulva
Stage 3	Breast enlargement, no separation of areolar contour from breast	Darker, coarser, curlier hair extending over mid-pubis
Stage 4	Areola and papilla project above breast forming a secondary mound	Adult-like hair, forms triangle over mid-pubis
Stage 5	Recession of areola to match contour of breast; papilla projects beyond contour of areola and breast	Adult type hair, extending to both thighs

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Tanner Stages MALE

	Penis and Testes	Pubic Hair
Stage 1	Testes < 4ml volume or <2.5 cm length, penis prepubertal	No pubic hair
Stage 2	Testes 4ml or 2.5, penis not enlarged	Sparse, straight hair along base of penis
Stage 3	Further growth of testes & scrotum, enlargement and lengthening of penis	Darker, coarser, curlier hair extending over the mid-pubis
Stage 4	Testes and scrotum further enlarged, increased size and breadth of penis, development of glans	Adult-like, forms triangle over mid-pubis
Stage 5	Testes fully mature in shape and size, adult size penis	Adult type hair, extending to both thighs

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 Variations in the Pattern of Pubertal Changes in Boys, Marshall & Tanner
 Archives of Disease in Childhood, 1970