

Scalp hair → most differentiated
 morphology 1:100 ~ 25-50

Pubic Hair → least differentiated
 Morphology 1:25
↳ at least 50 pubic hairs

Arms/leg hair

Jan 3-9:41 AM

Life cycle of Hair → ~ 1/32" → 1/16" per day
0.3-0.4 mm/day

① Anagen → Active growth period
~ 2yrs most of hair


- produced at root (only area with DNA) and pushed upward. → produces hair shaft

2nd fastest group of growing cells

1st = bone marrow.

Jan 3-9:45 AM

② Catogen phase ~ 3-5% of all hair.
 2-4 weeks
 Transitional. hair growth slows
 Root/Bulb starts to thin.
 ↳ holds hair in scalp.
 Dermis → Dermal papillae
 Root → club shaped!



Jan 3-9:50 AM

③ Telogen phase — last phase. 10%
 root thins + hair falls out:
human ~ 100 → 150,000 hairs on scalp.
 Normal Daily loss = 50 → 100 hairs/day

④ Exogen Telogen → New Anagen

Jan 3-9:55 AM