

Natural Advantages Discriminated and banned from Female Elite Sports

The Caster Semenya Controversy

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What is Hyperandrogenism?

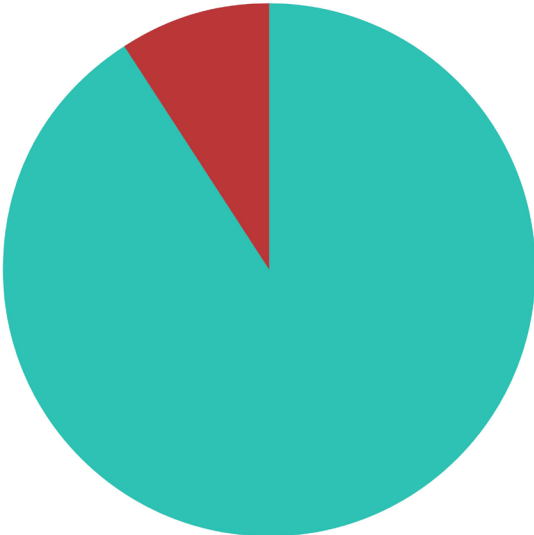
Excessive circulating male sex hormone (testosterone) in females and its effects on the body.

What Is Polycystic Ovarian Syndrome (PCOS)?

Hormonal disorder common among women of reproductive age. Women with PCOS may have infrequent or prolonged menstrual periods or excess male hormone (androgen) levels.

Percentage of Women With PCOS and Hyperandrogenism

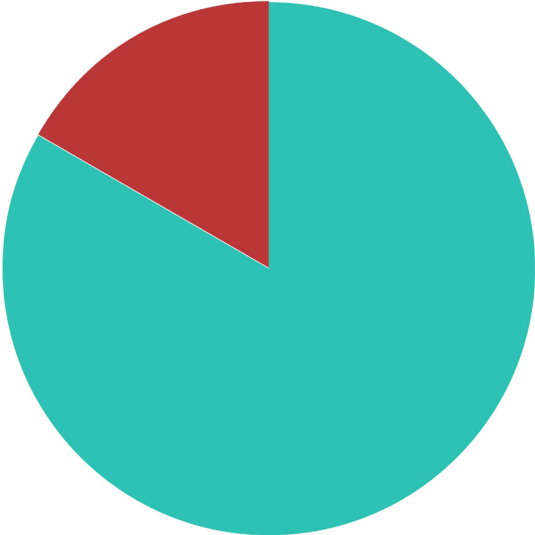
Women in Reproductive Age



Total of Women with Hyperandrogenism In Reproductive Age

Women With Regular Hormonal Development

Women in Reproductive Age



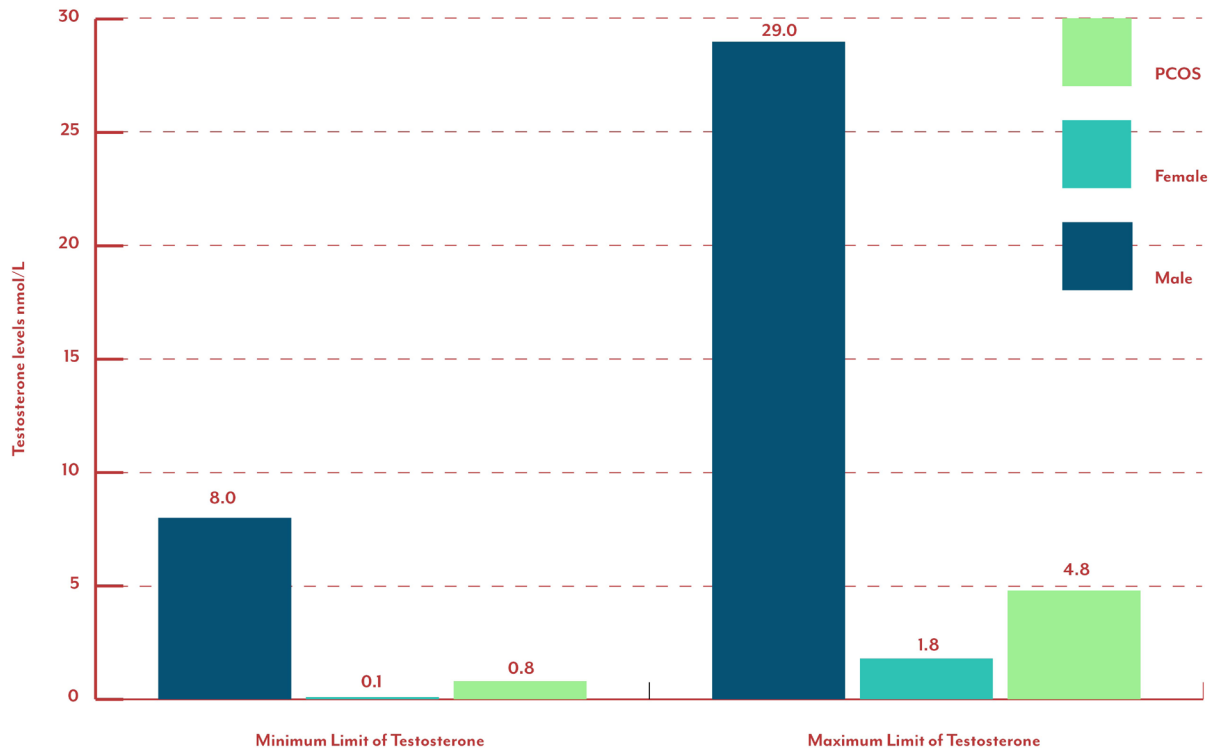
Women with PCOS

Women With Regular Hormonal Development

*Woman in Reproductive Age = 15 - 49 years old

*PCOS = Polycystic Ovarian Syndrome

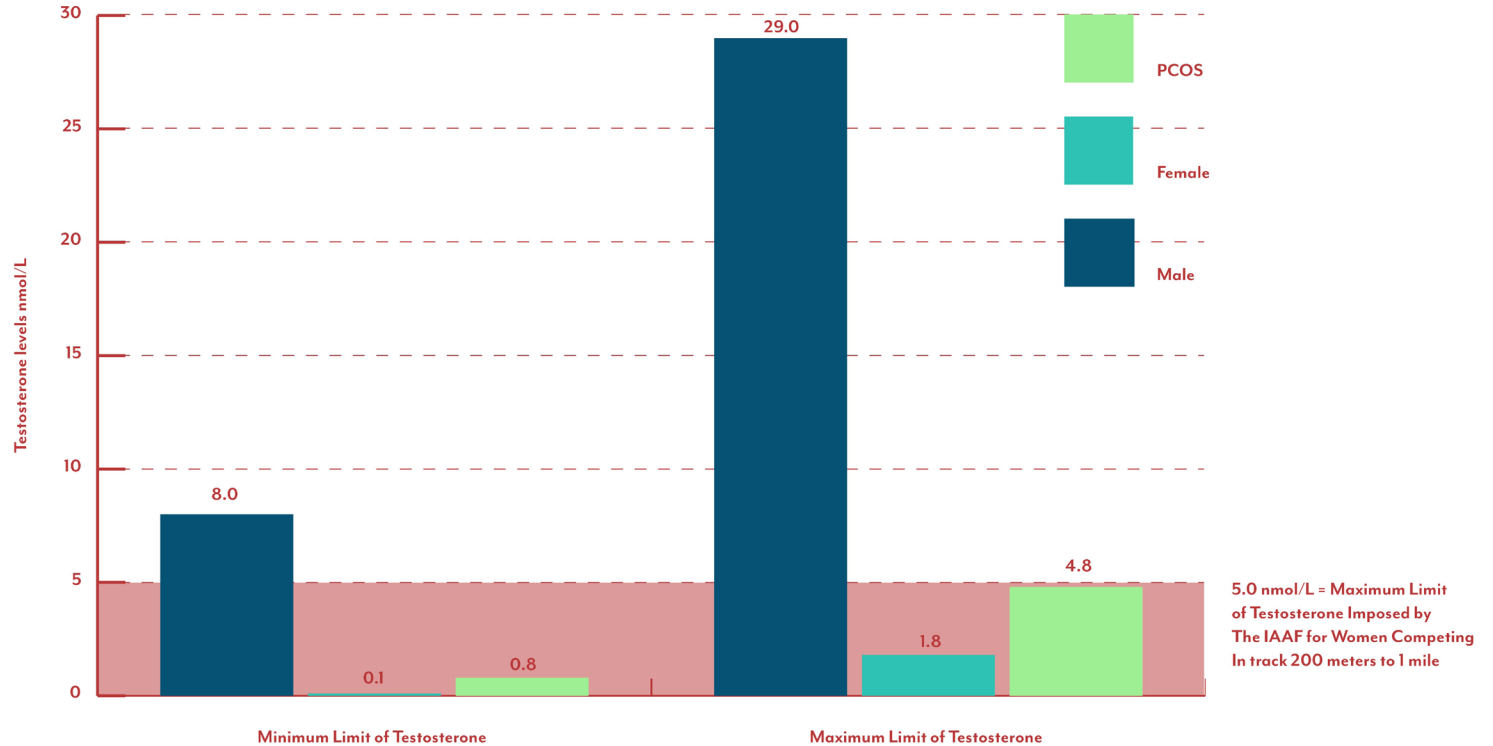
Testosterone Level in Men, Women and Woman with PCOS



*PCOS = Polycystic Ovary Syndrome

*PCOS = Mild Hyperandrogenism

Testosterone Level in Men, Women and Woman with PCOS

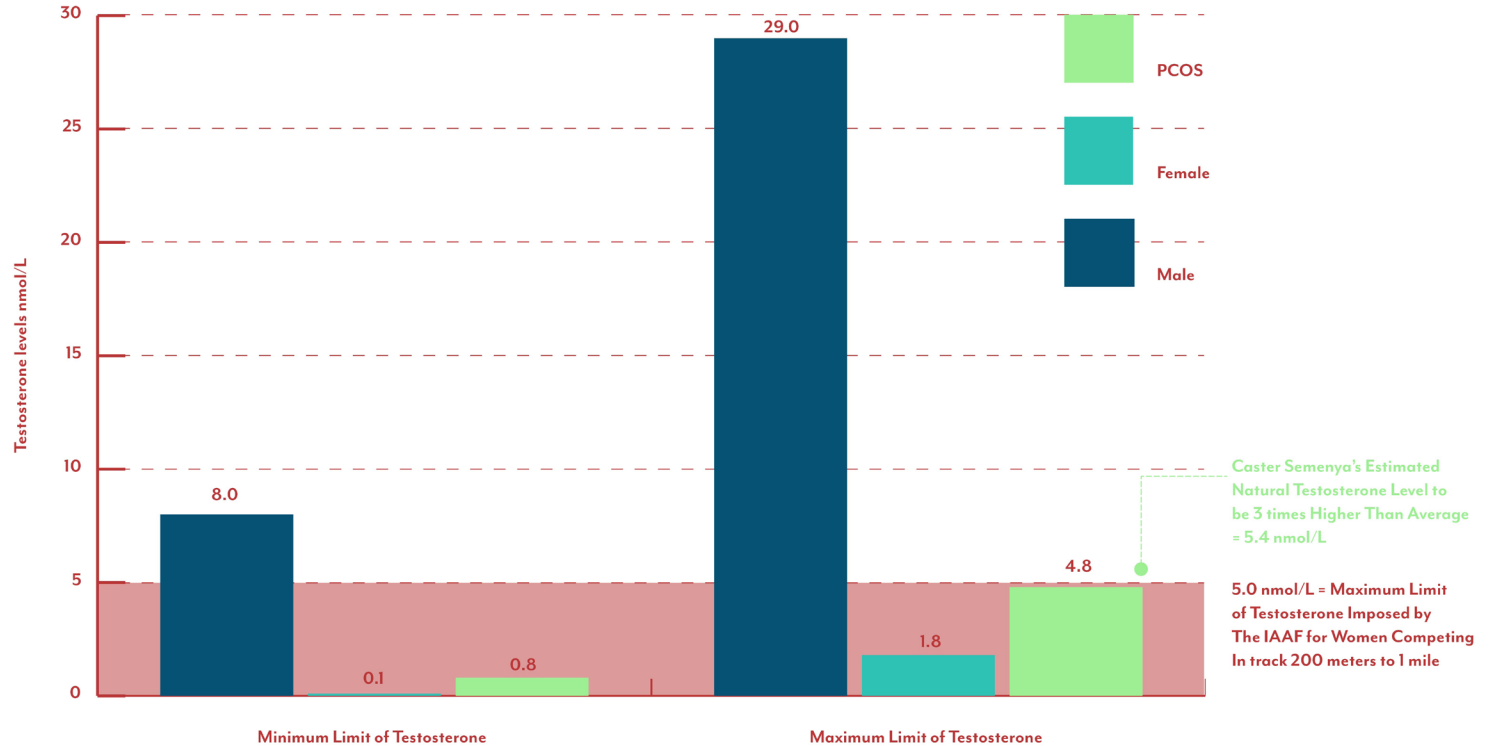


*PCOS = Polycystic Ovary Syndrome

*IAAF = International Association of Athletics Federations.

*PCOS = Mild Hyperandrogenism

Testosterone Level in Men, Women and Woman with PCOS

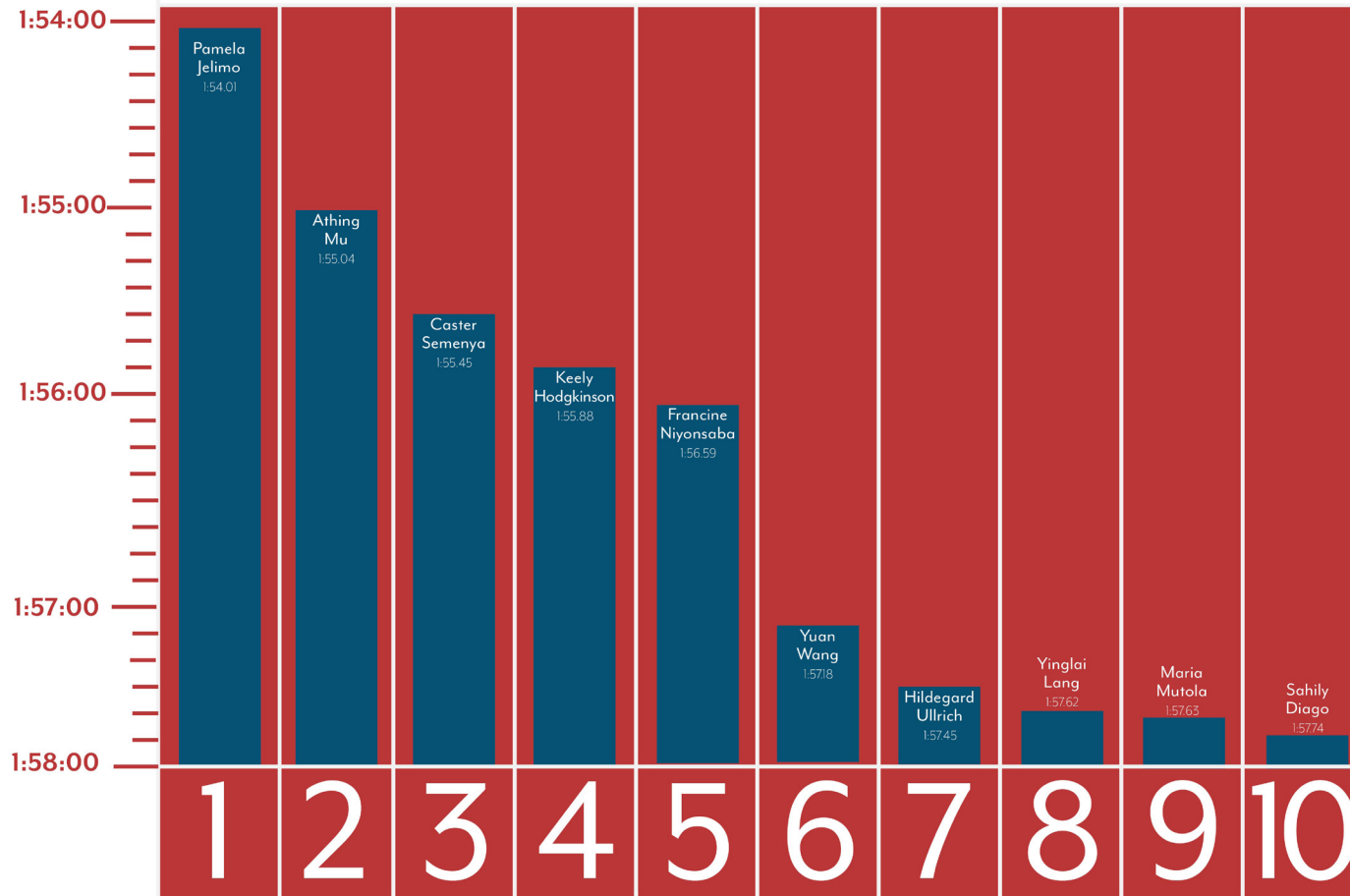


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Top 10 fastest Times in 800m Track Race



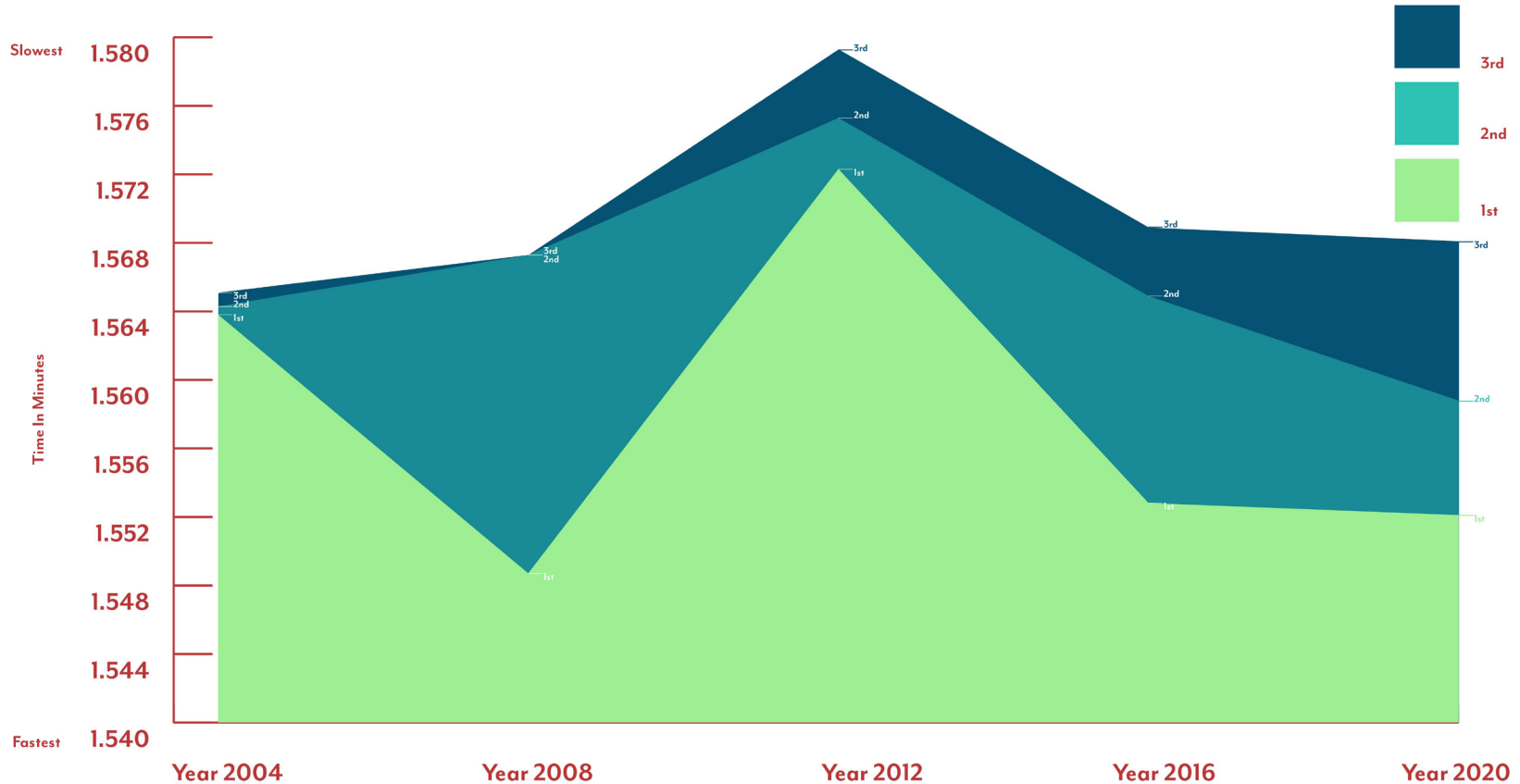
Fastest Times in 800m

Top 10 fastest Times in 800m Track Race

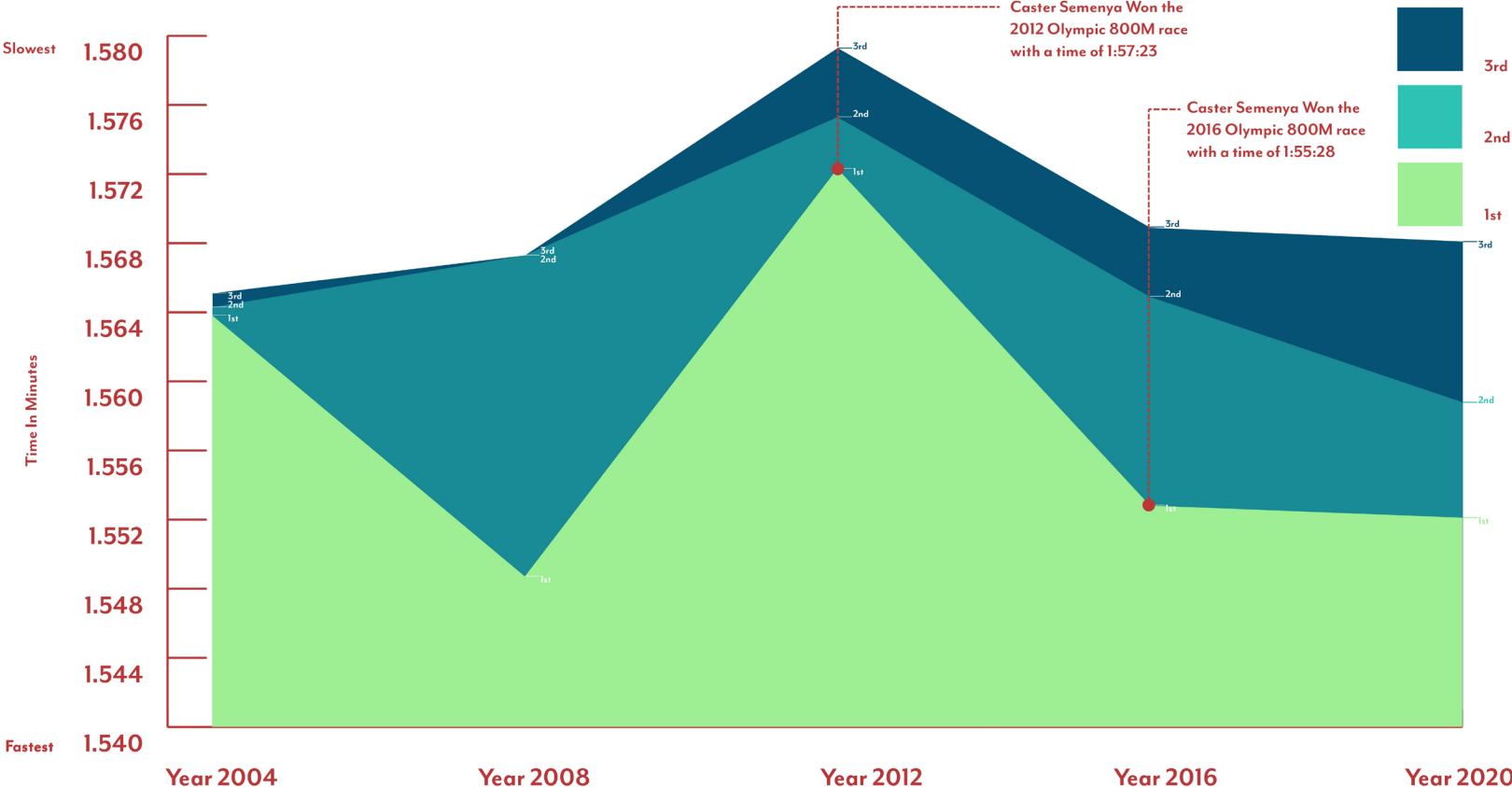


Fastest Times in 800m

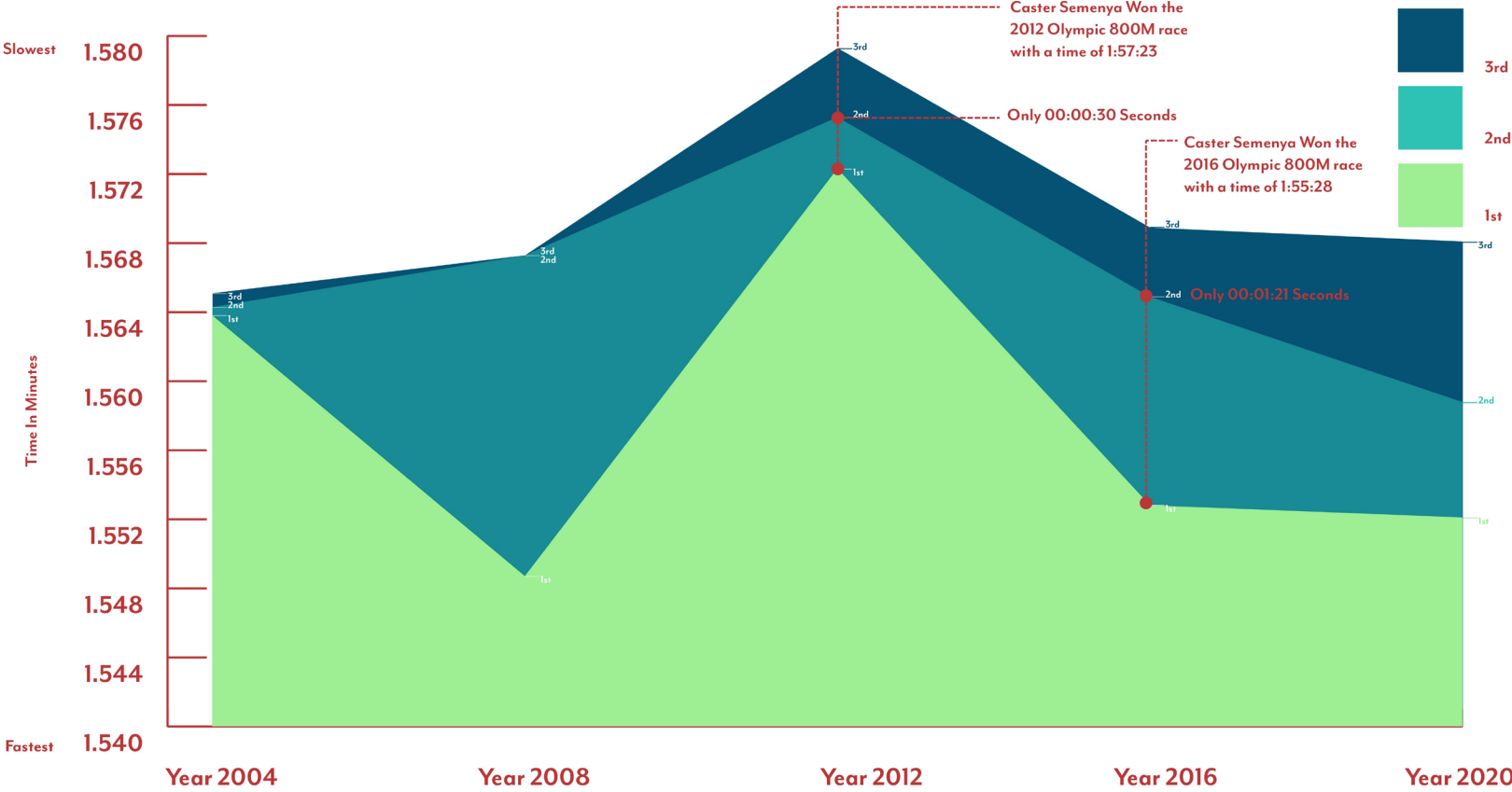
800M Olympic Medal Winners from 2004 - 2020



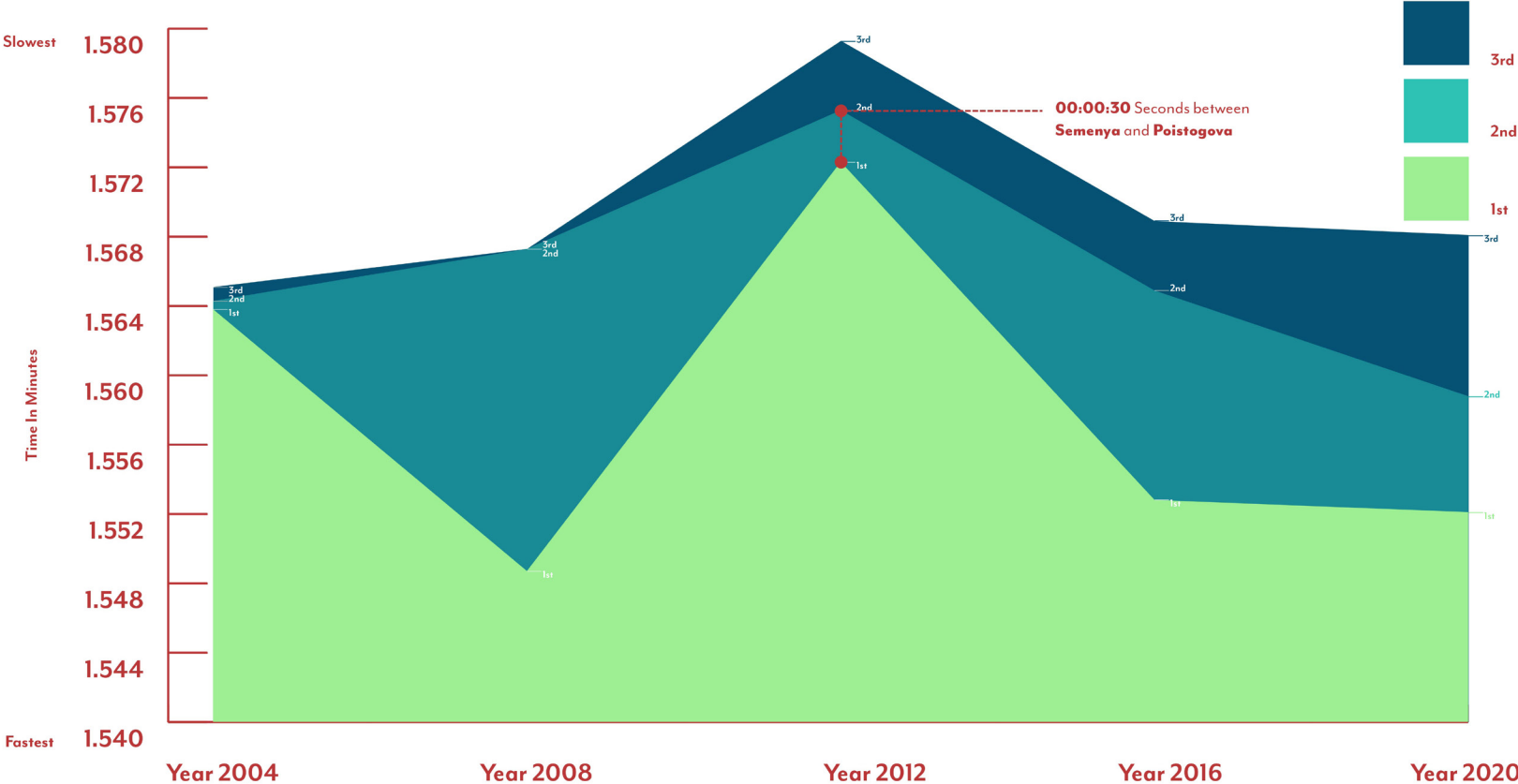
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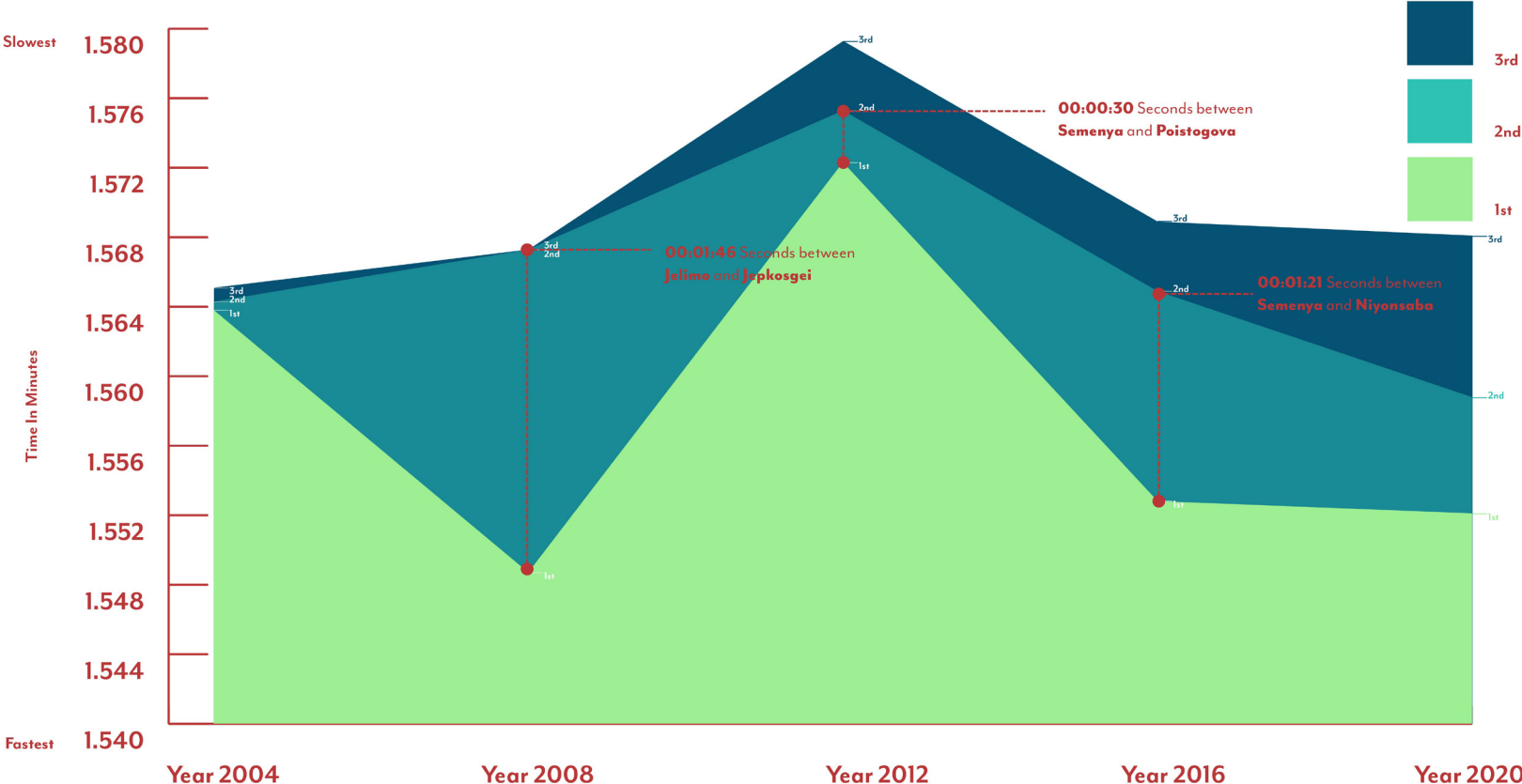
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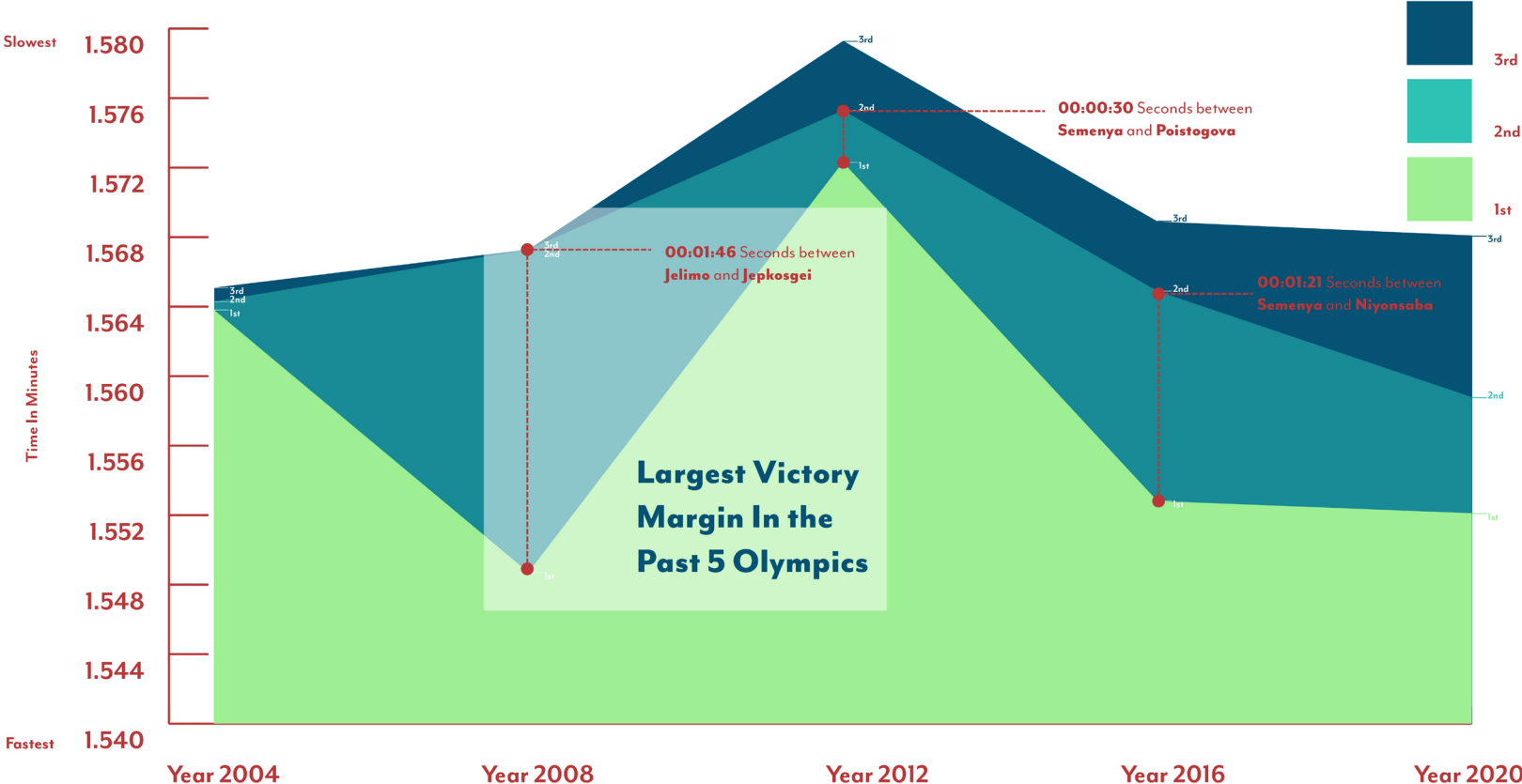
800M Olympic Medal Winners from 2004 - 2020



800M Olympic Medal Winners from 2004 - 2020

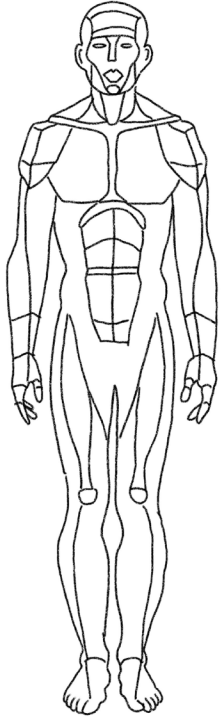


800M Olympic Medal Winners from 2004 - 2020



Caster Semenya VS. Michael Phelps

Caster Semenya



Height 5'10"

Arm Span 6'7"

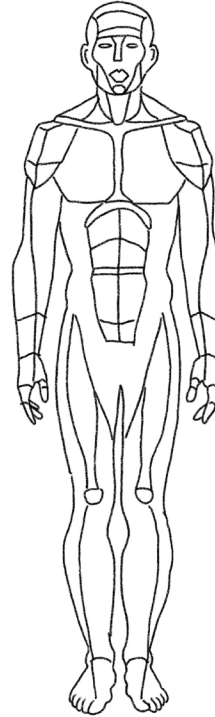
Weight 161 lb

Testosterone Triple Of Average

Feet Size 9

Olympic Medals 2

Michael Phelps



Height 6'4"

Arm Span 6'7"

Weight 200 lb

Legs Double Jointed Ankles

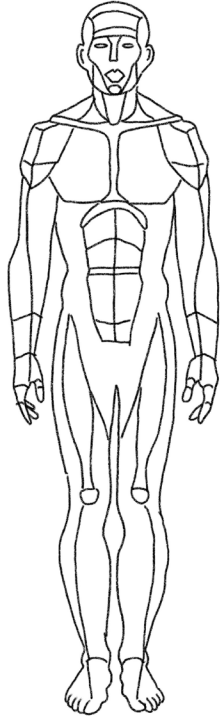
Lactic Acid Half of expected Production

Feet Size 14

Olympic Medals 28

Caster Semenya VS. Michael Phelps

Caster Semenya



Height 5'10" Average

Arm Span 6'7" Average

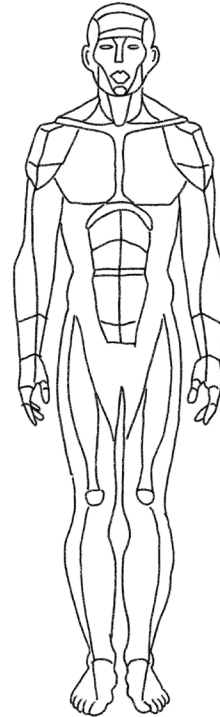
Weight 161 lb Average

Testosterone Triple Of Average Abnormal

Feet Size 9 Average

Olympic Medals 2

Michael Phelps



Height 6'4" Above Average

Arm Span 6'7" Above Average

Weight 200 lb Average

Legs Double Jointed Ankles Abnormal

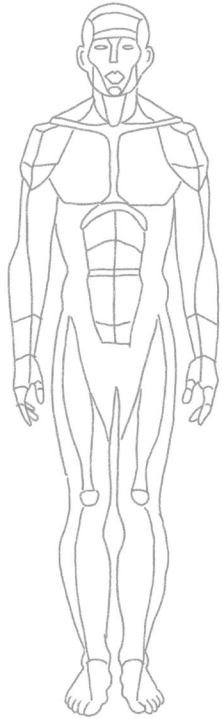
Lactic Acid Half of Expected Production Abnormal

Feet Size 14 Above Average

Olympic Medals 28

Caster Semenya VS. Michael Phelps

Caster Semenya



Height 5'10" Average

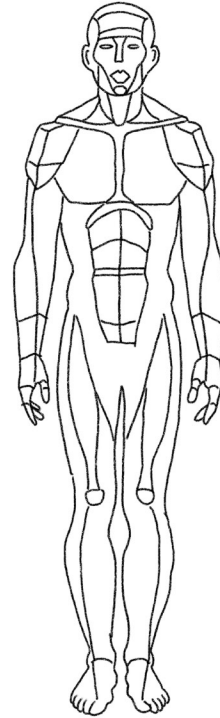
Arm Span 6'7" Average

Weight 51 lb Average
Testosterone Triple of Average Abnormal

Feet Size 9 Average

Olympic Medals 2

Michael Phelps



Height 6'4" Above Average

Arm Span 6'7" Above Average

Weight 200 lb Average

Legs Double Jointed Ankles Abnormal

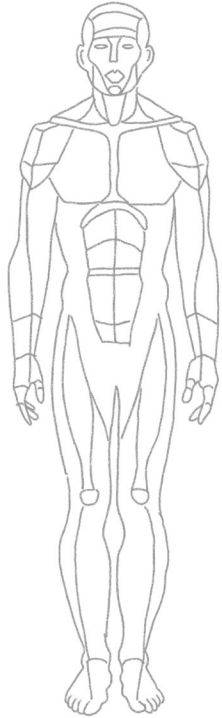
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Olympic Medals 28

Caster Semenya VS. Michael Phelps

Caster Semenya



Height 5'10" Average

Arm Span 6'7" Average

Weight 51 lbs Average

Testosterone Triple of Average Abnormal

Feet Size 9 Average

Olympic Medals 2

Michael Phelps



Height 6'4" Above Average

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Weight 200 lbs Average

Legs Double Jointed Ankles Abnormal

Lactic Acid Half of Expected Production Abnormal

Feet Size 14 Above Average

Olympic Medals 28

DQ

LEGEND

Caster Semenya

DQ

Asked to unnaturally lower testosterone level

Michael Phelps

LEGEND

Not asked to unnaturally increase his lactic acid levels

Not asked to surgically shorten his arms or feet

Is It Fair? Or Discrimination?

Unnaturally Reducing Athletes Advantages

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