

NORMAL STRIDE CHARACTERISTICS

(Mean, Standard Deviation)

The stride characteristic information was derived from Stride Analyzer and footswitch data recorded from 420 subjects tested at the Pathokinesiology Laboratory at Rancho Los Amigos National Rehabilitation Center.

| 6-12 YEARS OLD | Females (n=27) | Males (n=34) |
|------------------------|------------------------|----------------------|
| Velocity (m/min) | 67.9 (9.4) | 70.7 (8.0) |
| Stride Length (m) | 1.15 (.15) | 1.18 (.14) |
| Cadence (steps/min) | 118.4 (10.3) | 120.4 (7.8) |
| 13-19 YEARS OLD | Females (n=28) | Males (n=25) |
| Velocity (m/min) | 73.2 (8.9) | 73.4 (11.6) |
| Stride Length (m) | 1.36 (.13) | 1.46 (.16) |
| Cadence (steps/min) | 107.2 (6.8) | 99.8 (8.0) |
| 20-69 YEARS OLD | Females (n=129) | Males (n=107) |
| Velocity (m/min) | 79.3 (9.5) | 82.1 (10.3) |
| Stride Length (m) | 1.32 (.13) | 1.48 (.15) |
| Cadence (steps/min) | 121.0 (8.5) | 111.0 (7.6) |
| 70+ YEARS OLD | Females (n=42) | Males (n=28) |
| Velocity (m/min) | 67.4 (12.5) | 74.3 (9.0) |
| Stride Length (m) | 1.12 (.15) | 1.34 (.13) |
| Cadence (steps/min) | 119.9 (10.6) | 111.3 (7.4) |