

British Swimming

World Class Stroke Rate Ranges



Calculations made on all swims in the British Swimming Race Analysis Database within 3% of the World Record, adjusted such that each swimmer is weighted equally, regardless of the number of swims that they have in this range.

The Range represents one standard deviation above and below the average, which should capture at least 75% of swims.

Men's 50m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| BO - 15m | 60.6 | 62.1 | 64.2 | 66.4 | 68.2 | 0:21.92 | 11 | 30 |
| 15 - 25m | 57.4 | 60.3 | 62.5 | 64.7 | 65.6 | | | |
| 25 - 35m | 55.6 | 58.2 | 60.7 | 63.1 | 64.9 | | | |
| 35 - 45m | 53.5 | 56.5 | 59.0 | 61.5 | 63.2 | | | |
| 45 - 50m | 52.4 | 54.1 | 57.1 | 60.2 | 61.9 | | | |

Men's 100m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 47.4 | 50.7 | 53.5 | 56.3 | 60.4 | 0:48.46 | 18 | 53 |
| 25 - 50m | 44.6 | 47.1 | 49.9 | 52.7 | 58.7 | | | |
| 50 - 75m | 44.9 | 47.3 | 50.1 | 52.9 | 58.4 | | | |
| 75 - 100m | 43.8 | 46.5 | 49.4 | 52.3 | 55.6 | | | |

Men's 200m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 39.8 | 42.5 | 45.2 | 47.8 | 49.6 | 1:46.05 | 7 | 19 |
| 25 - 50m | 38.5 | 39.3 | 41.2 | 43.1 | 45.3 | | | |
| 50 - 75m | 37.6 | 39.1 | 41.4 | 43.6 | 46.5 | | | |
| 75 - 100m | 36.7 | 38.4 | 39.9 | 41.5 | 44.2 | | | |
| 100 - 125m | 38.2 | 40.1 | 41.9 | 43.6 | 44.3 | | | |
| 125 - 150m | 36.6 | 39.5 | 41.2 | 42.8 | 43.3 | | | |
| 150 - 175m | 38.1 | 40.6 | 43.6 | 46.5 | 48.4 | | | |
| 175 - 200m | 37.9 | 40.5 | 43.1 | 45.7 | 47.5 | | | |

Men's 400m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 38.9 | 40.5 | 43.2 | 46.0 | 51.0 | 3:46.68 | 11 | 40 |
| 25 - 50m | 34.9 | 36.7 | 40.2 | 43.7 | 49.8 | | | |
| 50 - 75m | 34.0 | 35.6 | 39.1 | 42.7 | 48.2 | | | |
| 75 - 100m | 33.1 | 35.1 | 38.8 | 42.5 | 47.7 | | | |
| 100 - 125m | 31.9 | 35.6 | 39.3 | 42.9 | 48.7 | | | |
| 125 - 150m | 31.5 | 34.9 | 38.7 | 42.5 | 47.5 | | | |
| 150 - 175m | 33.8 | 35.8 | 39.3 | 42.8 | 48.4 | | | |
| 175 - 200m | 33.8 | 35.8 | 39.2 | 42.6 | 48.2 | | | |
| 200 - 225m | 33.2 | 36.6 | 40.1 | 43.5 | 48.3 | | | |
| 225 - 250m | 32.9 | 36.1 | 39.7 | 43.2 | 48.6 | | | |
| 250 - 275m | 35.1 | 37.0 | 40.5 | 43.9 | 48.8 | | | |
| 275 - 300m | 34.3 | 36.9 | 40.4 | 43.9 | 48.3 | | | |
| 300 - 325m | 35.7 | 38.5 | 42.0 | 45.4 | 51.5 | | | |
| 325 - 350m | 34.9 | 38.2 | 41.6 | 45.0 | 51.1 | | | |
| 350 - 375m | 34.8 | 40.1 | 43.6 | 47.0 | 51.5 | | | |
| 375 - 400m | 36.1 | 40.1 | 44.1 | 48.1 | 53.4 | | | |

Men's 1500m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|--------------|------|---------|---------|---------|------|-----------------|----------|-----------|
| 0 - 25m | 37.7 | 39.6 | 44.5 | 49.4 | 53.1 | 15:00.80 | 6 | 30 |
| 25 - 50m | 36.2 | 37.5 | 42.1 | 46.8 | 50.9 | | | |
| 50 - 75m | 34.8 | 36.3 | 40.8 | 45.3 | 51.2 | | | |
| 75 - 100m | 34.5 | 35.7 | 40.3 | 44.9 | 50.5 | | | |
| 100 - 125m | 34.7 | 36.1 | 40.1 | 44.1 | 50.1 | | | |
| 125 - 150m | 34.4 | 35.5 | 39.9 | 44.3 | 49.6 | | | |
| 150 - 175m | 34.4 | 35.9 | 40.4 | 44.8 | 48.9 | | | |
| 175 - 200m | 34.3 | 35.4 | 40.0 | 44.5 | 49.4 | | | |
| 200 - 225m | 34.2 | 35.9 | 40.1 | 44.3 | 47.7 | | | |
| 225 - 250m | 34.8 | 35.8 | 40.2 | 44.6 | 48.5 | | | |
| 250 - 275m | 34.5 | 35.9 | 40.5 | 45.1 | 47.7 | | | |
| 275 - 300m | 34.8 | 35.7 | 40.4 | 45.1 | 47.9 | | | |
| 300 - 325m | 34.6 | 36.2 | 40.3 | 44.4 | 48.6 | | | |
| 325 - 350m | 34.3 | 35.6 | 40.2 | 44.8 | 48.4 | | | |
| 350 - 375m | 34.4 | 36.2 | 40.5 | 44.9 | 47.9 | | | |
| 375 - 400m | 34.6 | 35.5 | 40.1 | 44.6 | 47.8 | | | |
| 400 - 425m | 34.0 | 36.0 | 40.4 | 44.7 | 47.3 | | | |
| 425 - 450m | 34.0 | 35.9 | 40.2 | 44.5 | 47.6 | | | |
| 450 - 475m | 34.6 | 36.2 | 40.5 | 44.8 | 47.4 | | | |
| 475 - 500m | 34.4 | 36.0 | 40.5 | 44.9 | 47.4 | | | |
| 500 - 525m | 34.7 | 36.3 | 40.5 | 44.8 | 47.0 | | | |
| 525 - 550m | 34.3 | 35.7 | 40.2 | 44.8 | 47.3 | | | |
| 550 - 575m | 34.5 | 35.9 | 40.5 | 45.0 | 47.2 | | | |
| 575 - 600m | 35.1 | 35.7 | 40.4 | 45.1 | 47.5 | | | |
| 600 - 625m | 34.8 | 36.1 | 40.4 | 44.8 | 47.2 | | | |
| 625 - 650m | 34.6 | 35.9 | 40.4 | 45.0 | 47.7 | | | |
| 650 - 675m | 34.8 | 36.0 | 40.5 | 45.1 | 47.0 | | | |
| 675 - 700m | 34.7 | 35.6 | 40.2 | 44.8 | 48.0 | | | |
| 700 - 725m | 34.9 | 36.1 | 40.7 | 45.3 | 47.7 | | | |
| 725 - 750m | 34.4 | 36.0 | 40.6 | 45.2 | 48.4 | | | |
| 750 - 775m | 35.0 | 35.9 | 40.6 | 45.3 | 48.1 | | | |
| 775 - 800m | 34.2 | 35.3 | 40.2 | 45.1 | 47.3 | | | |
| 800 - 825m | 34.8 | 36.1 | 40.6 | 45.2 | 47.3 | | | |
| 825 - 850m | 34.5 | 35.9 | 40.4 | 45.0 | 47.4 | | | |
| 850 - 875m | 34.8 | 35.8 | 40.7 | 45.7 | 48.5 | | | |
| 875 - 900m | 34.3 | 35.4 | 40.5 | 45.6 | 47.7 | | | |
| 900 - 925m | 34.4 | 36.1 | 40.7 | 45.4 | 47.7 | | | |
| 925 - 950m | 34.5 | 35.7 | 40.4 | 45.1 | 48.3 | | | |
| 950 - 975m | 34.7 | 36.0 | 40.8 | 45.6 | 48.5 | | | |
| 975 - 1000m | 34.3 | 35.8 | 40.5 | 45.2 | 48.0 | | | |
| 1000 - 1025m | 34.2 | 36.1 | 40.6 | 45.1 | 47.6 | | | |
| 1025 - 1050m | 33.9 | 35.7 | 40.4 | 45.1 | 47.5 | | | |
| 1050 - 1075m | 34.6 | 36.3 | 40.9 | 45.6 | 48.1 | | | |
| 1075 - 1100m | 34.2 | 35.7 | 40.6 | 45.4 | 47.4 | | | |
| 1100 - 1125m | 34.4 | 36.8 | 41.1 | 45.3 | 47.8 | | | |
| 1125 - 1150m | 34.1 | 36.4 | 40.9 | 45.3 | 49.0 | | | |
| 1150 - 1175m | 34.7 | 36.8 | 41.2 | 45.5 | 48.4 | | | |
| 1175 - 1200m | 34.3 | 36.5 | 40.9 | 45.2 | 47.4 | | | |
| 1200 - 1225m | 34.4 | 36.9 | 41.3 | 45.7 | 48.1 | | | |
| 1225 - 1250m | 35.0 | 36.4 | 40.8 | 45.3 | 48.8 | | | |
| 1250 - 1275m | 35.0 | 37.0 | 41.2 | 45.5 | 49.7 | | | |
| 1275 - 1300m | 35.0 | 36.4 | 40.9 | 45.4 | 48.6 | | | |
| 1300 - 1325m | 35.3 | 37.0 | 41.4 | 45.7 | 49.2 | | | |
| 1325 - 1350m | 35.0 | 36.8 | 41.3 | 45.7 | 48.8 | | | |
| 1350 - 1375m | 35.2 | 37.6 | 42.0 | 46.4 | 49.7 | | | |
| 1375 - 1400m | 35.1 | 36.9 | 41.6 | 46.4 | 48.7 | | | |
| 1400 - 1425m | 36.3 | 39.7 | 43.8 | 47.8 | 50.4 | | | |
| 1425 - 1450m | 36.0 | 38.7 | 43.3 | 47.9 | 51.8 | | | |
| 1450 - 1475m | 37.2 | 40.2 | 44.4 | 48.7 | 53.1 | | | |
| 1475 - 1500m | 36.7 | 38.6 | 43.8 | 49.0 | 54.7 | | | |

Men's 100m Butterfly

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 49.4 | 52.9 | 55.7 | 58.4 | 60.4 | 0:51.91 | 10 | 32 |
| 25 - 50m | 48.9 | 51.1 | 53.4 | 55.8 | 57.8 | | | |
| 50 - 75m | 48.0 | 51.9 | 54.3 | 56.7 | 57.9 | | | |
| 75 - 100m | 49.8 | 51.8 | 54.4 | 56.9 | 58.1 | | | |

Men's 200m Butterfly

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 46.3 | 48.3 | 51.1 | 53.9 | 54.1 | 1:55.39 | 12 | 20 |
| 25 - 50m | 43.2 | 45.5 | 48.4 | 51.2 | 52.8 | | | |
| 50 - 75m | 41.9 | 45.1 | 47.9 | 50.7 | 52.5 | | | |
| 75 - 100m | 40.3 | 44.1 | 47.0 | 50.0 | 50.9 | | | |
| 100 - 125m | 43.7 | 46.2 | 48.4 | 50.6 | 51.4 | | | |
| 125 - 150m | 43.2 | 45.6 | 48.0 | 50.4 | 51.8 | | | |
| 150 - 175m | 45.6 | 48.1 | 50.3 | 52.6 | 54.5 | | | |
| 175 - 200m | 45.0 | 47.4 | 49.7 | 52.0 | 53.6 | | | |

Men's 100m Backstroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 46.8 | 48.6 | 52.8 | 57.0 | 62.2 | 0:54.12 | 12 | 50 |
| 25 - 50m | 43.7 | 46.2 | 49.7 | 53.2 | 57.2 | | | |
| 50 - 75m | 42.2 | 45.8 | 49.2 | 52.7 | 56.5 | | | |
| 75 - 100m | 42.8 | 44.6 | 48.1 | 51.5 | 53.5 | | | |

Men's 200m Backstroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 42.5 | 44.6 | 45.9 | 47.2 | 49.7 | 1:57.36 | 11 | 35 |
| 25 - 50m | 38.6 | 40.4 | 42.1 | 43.8 | 46.2 | | | |
| 50 - 75m | 35.0 | 39.1 | 40.6 | 42.1 | 45.0 | | | |
| 75 - 100m | 34.8 | 38.1 | 39.9 | 41.7 | 43.5 | | | |
| 100 - 125m | 35.4 | 39.0 | 41.1 | 43.1 | 45.2 | | | |
| 125 - 150m | 35.2 | 38.3 | 40.4 | 42.4 | 44.1 | | | |
| 150 - 175m | 38.0 | 40.5 | 42.7 | 44.8 | 47.9 | | | |
| 175 - 200m | 37.4 | 39.4 | 42.1 | 44.8 | 48.3 | | | |

Men's 100m Breaststroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 41.9 | 46.0 | 48.8 | 51.6 | 55.9 | 1:00.68 | 11 | 55 |
| 25 - 50m | 39.6 | 43.7 | 46.2 | 48.6 | 51.5 | | | |
| 50 - 75m | 39.4 | 44.9 | 47.8 | 50.7 | 53.8 | | | |
| 75 - 100m | 40.3 | 46.8 | 49.3 | 51.8 | 54.3 | | | |

Men's 200m Breaststroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 35.4 | 38.1 | 40.6 | 43.2 | 48.4 | 2:11.34 | 15 | 49 |
| 25 - 50m | 32.7 | 35.4 | 37.2 | 39.0 | 42.0 | | | |
| 50 - 75m | 31.3 | 34.4 | 36.2 | 38.0 | 41.0 | | | |
| 75 - 100m | 30.8 | 33.3 | 35.3 | 37.4 | 39.8 | | | |
| 100 - 125m | 30.8 | 34.8 | 37.4 | 39.9 | 45.0 | | | |
| 125 - 150m | 31.8 | 34.4 | 37.3 | 40.2 | 46.9 | | | |
| 150 - 175m | 34.0 | 37.8 | 41.3 | 44.9 | 50.4 | | | |
| 175 - 200m | 33.1 | 39.0 | 42.7 | 46.5 | 52.4 | | | |

Men's 200m Individual Medley (*3.5% used to capture more swimmers)

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 47.5 | 50.5 | 55.6 | 60.6 | 63.7 | 1:58.23 | 7 | 23 |
| 25 - 50m | 43.3 | 48.0 | 52.5 | 57.0 | 60.0 | | | |
| 50 - 75m | 38.1 | 42.4 | 45.0 | 47.7 | 49.6 | | | |
| 75 - 100m | 35.9 | 40.1 | 42.7 | 45.3 | 46.4 | | | |
| 100 - 125m | 32.6 | 36.7 | 40.0 | 43.3 | 46.3 | | | |
| 125 - 150m | 32.2 | 36.6 | 39.9 | 43.3 | 46.1 | | | |
| 150 - 175m | 37.4 | 42.5 | 45.4 | 48.2 | 48.7 | | | |
| 175 - 200m | 35.9 | 42.2 | 44.8 | 47.4 | 47.5 | | | |

Men's 400m Individual Medley (*4% used to capture more swimmers)

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 45.9 | 46.9 | 50.0 | 53.2 | 53.6 | 4:13.59 | 5 | 13 |
| 25 - 50m | 42.5 | 44.5 | 48.3 | 52.0 | 52.4 | | | |
| 50 - 75m | 40.6 | 43.5 | 47.7 | 51.9 | 52.2 | | | |
| 75 - 100m | 39.0 | 42.4 | 46.6 | 50.8 | 50.3 | | | |
| 100 - 125m | 35.6 | 36.2 | 38.9 | 41.5 | 42.8 | | | |
| 125 - 150m | 33.8 | 34.6 | 37.5 | 40.4 | 41.7 | | | |
| 150 - 175m | 33.9 | 34.9 | 37.3 | 39.7 | 41.1 | | | |
| 175 - 200m | 31.5 | 33.7 | 36.7 | 39.8 | 41.5 | | | |
| 200 - 225m | 30.1 | 33.4 | 36.2 | 39.1 | 39.9 | | | |
| 225 - 250m | 30.8 | 33.2 | 35.5 | 37.7 | 38.8 | | | |
| 250 - 275m | 32.2 | 34.1 | 36.2 | 38.2 | 39.1 | | | |
| 275 - 300m | 32.0 | 34.1 | 36.2 | 38.3 | 39.3 | | | |
| 300 - 325m | 35.6 | 38.3 | 42.6 | 46.8 | 49.0 | | | |
| 325 - 350m | 35.3 | 37.5 | 41.7 | 46.0 | 48.3 | | | |
| 350 - 375m | 36.4 | 38.5 | 42.7 | 46.9 | 49.4 | | | |
| 375 - 400m | 36.2 | 37.1 | 41.7 | 46.2 | 49.1 | | | |

Calculations made on all swims in the British Swimming Race Analysis Database within 3% of the World Record, adjusted such that each swimmer is weighted equally, regardless of the number of swims that they have in this range.

The Range represents one standard deviation above and below the average, which should capture at least 75% of swims.

Women's 50m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|----------|------|---------|---------|---------|------|----------------|----------|-----------|
| BO - 15m | 56.6 | 58.9 | 61.7 | 64.5 | 65.9 | 0:24.69 | 9 | 34 |
| 15 - 25m | 53.8 | 57.4 | 59.9 | 62.4 | 64.2 | | | |
| 25 - 35m | 51.9 | 55.9 | 58.8 | 61.7 | 63.6 | | | |
| 35 - 45m | 50.2 | 54.7 | 57.8 | 61.0 | 62.8 | | | |
| 45 - 50m | 47.6 | 53.6 | 56.6 | 59.5 | 62.5 | | | |

Women's 100m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|------------|
| 0 - 25m | 44.8 | 51.4 | 54.5 | 57.5 | 60.2 | 0:54.47 | 17 | 106 |
| 25 - 50m | 40.4 | 48.9 | 51.9 | 54.8 | 57.8 | | | |
| 50 - 75m | 42.7 | 49.0 | 51.5 | 53.9 | 56.7 | | | |
| 75 - 100m | 42.4 | 48.2 | 50.5 | 52.8 | 55.2 | | | |

Women's 200m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 42.5 | 45.5 | 48.6 | 51.8 | 54.8 | 1:58.26 | 26 | 71 |
| 25 - 50m | 39.5 | 42.3 | 45.7 | 49.1 | 54.7 | | | |
| 50 - 75m | 36.7 | 41.2 | 44.5 | 47.8 | 54.8 | | | |
| 75 - 100m | 35.3 | 40.3 | 43.7 | 47.2 | 55.0 | | | |
| 100 - 125m | 36.8 | 41.7 | 45.1 | 48.5 | 54.6 | | | |
| 125 - 150m | 35.5 | 41.4 | 44.7 | 48.1 | 53.7 | | | |
| 150 - 175m | 39.0 | 43.2 | 46.1 | 48.9 | 53.7 | | | |
| 175 - 200m | 38.4 | 43.4 | 46.1 | 48.8 | 53.9 | | | |

Women's 400m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 41.0 | 44.7 | 49.3 | 53.9 | 58.4 | 4:08.78 | 13 | 64 |
| 25 - 50m | 39.4 | 42.4 | 46.7 | 51.0 | 55.1 | | | |
| 50 - 75m | 39.4 | 41.1 | 45.5 | 49.9 | 55.7 | | | |
| 75 - 100m | 38.7 | 40.9 | 44.9 | 49.0 | 52.7 | | | |
| 100 - 125m | 38.6 | 40.8 | 44.9 | 49.0 | 53.3 | | | |
| 125 - 150m | 38.8 | 41.0 | 44.9 | 48.8 | 52.7 | | | |
| 150 - 175m | 38.4 | 40.7 | 44.7 | 48.7 | 53.4 | | | |
| 175 - 200m | 37.7 | 40.4 | 44.4 | 48.4 | 52.6 | | | |
| 200 - 225m | 38.0 | 41.2 | 45.2 | 49.2 | 53.9 | | | |
| 225 - 250m | 38.3 | 41.1 | 44.9 | 48.7 | 52.9 | | | |
| 250 - 275m | 38.2 | 41.1 | 45.2 | 49.3 | 53.8 | | | |
| 275 - 300m | 38.3 | 41.0 | 44.9 | 48.8 | 53.1 | | | |
| 300 - 325m | 38.1 | 41.7 | 45.7 | 49.6 | 54.3 | | | |
| 325 - 350m | 38.3 | 41.7 | 45.4 | 49.1 | 52.9 | | | |
| 350 - 375m | 40.5 | 42.5 | 46.4 | 50.3 | 55.7 | | | |
| 375 - 400m | 39.9 | 42.5 | 46.4 | 50.4 | 55.5 | | | |

Women's 800m Freestyle

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 43.7 | 46.4 | 50.2 | 54.1 | 56.3 | 8:28.92 | 7 | 19 |
| 25 - 50m | 42.3 | 45.2 | 48.0 | 50.8 | 51.6 | | | |
| 50 - 75m | 41.7 | 43.9 | 46.8 | 49.6 | 50.5 | | | |
| 75 - 100m | 41.3 | 43.5 | 46.1 | 48.7 | 49.2 | | | |
| 100 - 125m | 41.5 | 43.9 | 46.2 | 48.5 | 49.3 | | | |
| 125 - 150m | 40.9 | 43.5 | 45.8 | 48.2 | 48.7 | | | |
| 150 - 175m | 41.1 | 43.2 | 45.6 | 47.9 | 48.5 | | | |
| 175 - 200m | 40.3 | 43.0 | 45.5 | 48.0 | 48.4 | | | |
| 200 - 225m | 40.6 | 43.4 | 45.7 | 48.0 | 48.5 | | | |
| 225 - 250m | 41.1 | 43.1 | 45.4 | 47.6 | 47.7 | | | |
| 250 - 275m | 40.3 | 43.1 | 45.5 | 47.9 | 48.4 | | | |
| 275 - 300m | 39.8 | 42.8 | 45.1 | 47.4 | 48.4 | | | |
| 300 - 325m | 39.6 | 43.1 | 45.3 | 47.4 | 48.1 | | | |
| 325 - 350m | 40.5 | 42.7 | 45.1 | 47.4 | 47.8 | | | |
| 350 - 375m | 39.7 | 42.7 | 45.3 | 47.9 | 48.3 | | | |
| 375 - 400m | 40.0 | 42.8 | 45.1 | 47.5 | 47.9 | | | |
| 400 - 425m | 40.3 | 43.4 | 45.8 | 48.2 | 48.9 | | | |
| 425 - 450m | 40.7 | 43.1 | 45.7 | 48.3 | 48.8 | | | |
| 450 - 475m | 40.3 | 43.1 | 45.5 | 48.0 | 48.6 | | | |
| 475 - 500m | 40.6 | 43.1 | 45.6 | 48.2 | 48.6 | | | |
| 500 - 525m | 40.4 | 43.2 | 45.9 | 48.5 | 49.3 | | | |
| 525 - 550m | 39.9 | 43.2 | 45.7 | 48.2 | 48.4 | | | |
| 550 - 575m | 40.3 | 43.3 | 45.8 | 48.4 | 48.9 | | | |
| 575 - 600m | 39.9 | 43.1 | 45.7 | 48.2 | 49.0 | | | |
| 600 - 625m | 39.8 | 43.5 | 46.1 | 48.8 | 49.9 | | | |
| 625 - 650m | 40.6 | 43.3 | 45.8 | 48.3 | 49.6 | | | |
| 650 - 675m | 39.7 | 43.6 | 46.2 | 48.8 | 50.3 | | | |
| 675 - 700m | 40.1 | 43.5 | 46.3 | 49.0 | 50.1 | | | |
| 700 - 725m | 39.9 | 44.0 | 47.0 | 49.9 | 52.6 | | | |
| 725 - 750m | 40.9 | 43.9 | 46.7 | 49.5 | 52.2 | | | |
| 750 - 775m | 40.4 | 44.1 | 47.6 | 51.2 | 55.6 | | | |
| 775 - 800m | 40.3 | 43.4 | 47.4 | 51.4 | 56.3 | | | |

Women's 100m Butterfly

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 50.4 | 54.6 | 57.8 | 60.9 | 63.6 | 0:58.31 | 16 | 66 |
| 25 - 50m | 48.9 | 52.4 | 55.2 | 58.1 | 60.2 | | | |
| 50 - 75m | 48.5 | 52.6 | 55.1 | 57.6 | 59.5 | | | |
| 75 - 100m | 49.3 | 52.9 | 54.6 | 56.3 | 58.5 | | | |

Women's 200m Butterfly

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 48.4 | 51.5 | 55.2 | 58.8 | 62.6 | 2:07.91 | 16 | 44 |
| 25 - 50m | 46.5 | 49.4 | 52.3 | 55.2 | 57.9 | | | |
| 50 - 75m | 45.8 | 48.2 | 51.2 | 54.3 | 57.7 | | | |
| 75 - 100m | 44.8 | 47.6 | 50.4 | 53.2 | 57.0 | | | |
| 100 - 125m | 45.7 | 48.4 | 51.3 | 54.1 | 58.0 | | | |
| 125 - 150m | 45.5 | 48.7 | 51.0 | 53.4 | 56.3 | | | |
| 150 - 175m | 47.1 | 49.8 | 52.6 | 55.3 | 58.4 | | | |
| 175 - 200m | 47.5 | 49.7 | 52.4 | 55.1 | 58.9 | | | |

Women's 100m Backstroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 39.4 | 45.2 | 47.9 | 50.6 | 54.4 | 1:00.53 | 14 | 52 |
| 25 - 50m | 39.2 | 43.4 | 45.4 | 47.4 | 48.9 | | | |
| 50 - 75m | 37.9 | 43.2 | 45.3 | 47.5 | 48.6 | | | |
| 75 - 100m | 37.9 | 42.9 | 44.8 | 46.8 | 48.5 | | | |

Women's 200m Backstroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 35.1 | 41.2 | 43.9 | 46.6 | 48.5 | 2:09.00 | 10 | 25 |
| 25 - 50m | 34.1 | 39.1 | 41.5 | 43.8 | 45.4 | | | |
| 50 - 75m | 33.0 | 37.6 | 39.7 | 41.9 | 42.4 | | | |
| 75 - 100m | 33.8 | 37.6 | 39.4 | 41.2 | 43.3 | | | |
| 100 - 125m | 35.0 | 38.1 | 40.0 | 42.0 | 43.4 | | | |
| 125 - 150m | 34.5 | 37.9 | 39.8 | 41.7 | 43.1 | | | |
| 150 - 175m | 35.6 | 39.8 | 41.4 | 42.9 | 44.1 | | | |
| 175 - 200m | 35.2 | 39.8 | 41.5 | 43.2 | 44.3 | | | |

Women's 100m Breaststroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|-----------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 41.9 | 45.1 | 51.5 | 57.9 | 60.4 | 1:07.04 | 6 | 34 |
| 25 - 50m | 40.8 | 43.3 | 49.9 | 56.4 | 58.7 | | | |
| 50 - 75m | 38.2 | 43.2 | 49.7 | 56.2 | 58.6 | | | |
| 75 - 100m | 37.5 | 44.1 | 50.5 | 57.0 | 60.7 | | | |

Women's 200m Breaststroke

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 34.1 | 34.5 | 40.7 | 46.9 | 54.7 | 2:24.43 | 7 | 26 |
| 25 - 50m | 31.5 | 31.7 | 37.3 | 43.0 | 49.7 | | | |
| 50 - 75m | 31.2 | 32.1 | 37.2 | 42.3 | 47.5 | | | |
| 75 - 100m | 30.3 | 31.3 | 35.8 | 40.3 | 47.4 | | | |
| 100 - 125m | 31.4 | 33.9 | 37.6 | 41.3 | 46.7 | | | |
| 125 - 150m | 32.2 | 33.4 | 37.2 | 41.0 | 46.9 | | | |
| 150 - 175m | 34.3 | 37.6 | 42.8 | 47.9 | 48.2 | | | |
| 175 - 200m | 33.8 | 38.8 | 45.1 | 51.3 | 56.6 | | | |

Women's 200m Individual Medley

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|-----------|-----------|
| 0 - 25m | 50.4 | 53.2 | 56.6 | 59.9 | 62.4 | 2:12.30 | 10 | 35 |
| 25 - 50m | 48.2 | 50.5 | 54.2 | 57.8 | 59.5 | | | |
| 50 - 75m | 33.3 | 38.6 | 42.2 | 45.8 | 48.3 | | | |
| 75 - 100m | 33.5 | 38.3 | 41.4 | 44.5 | 47.3 | | | |
| 100 - 125m | 34.6 | 36.6 | 42.0 | 47.3 | 52.3 | | | |
| 125 - 150m | 34.2 | 36.5 | 41.6 | 46.7 | 51.0 | | | |
| 150 - 175m | 39.1 | 44.2 | 45.8 | 47.4 | 49.6 | | | |
| 175 - 200m | 37.5 | 44.2 | 45.4 | 46.7 | 49.0 | | | |

Women's 400m Individual Medley

| Segment | Min | < Range | Average | Range > | Max | Time | Athletes | Swims |
|------------|------|---------|---------|---------|------|----------------|----------|-----------|
| 0 - 25m | 46.7 | 49.5 | 52.8 | 56.1 | 58.5 | 4:37.53 | 7 | 19 |
| 25 - 50m | 43.6 | 46.8 | 50.3 | 53.9 | 56.7 | | | |
| 50 - 75m | 43.9 | 46.3 | 49.5 | 52.6 | 54.8 | | | |
| 75 - 100m | 41.5 | 45.3 | 48.6 | 51.8 | 53.4 | | | |
| 100 - 125m | 36.8 | 37.4 | 39.5 | 41.6 | 44.3 | | | |
| 125 - 150m | 36.3 | 36.8 | 38.7 | 40.5 | 42.9 | | | |
| 150 - 175m | 36.3 | 36.2 | 38.2 | 40.2 | 42.5 | | | |
| 175 - 200m | 35.2 | 35.7 | 37.9 | 40.1 | 42.9 | | | |
| 200 - 225m | 32.2 | 34.0 | 39.6 | 45.2 | 47.9 | | | |
| 225 - 250m | 31.1 | 34.1 | 39.3 | 44.5 | 48.1 | | | |
| 250 - 275m | 32.8 | 35.2 | 40.3 | 45.4 | 48.3 | | | |
| 275 - 300m | 33.2 | 35.0 | 39.7 | 44.5 | 47.8 | | | |
| 300 - 325m | 38.4 | 40.1 | 43.1 | 46.1 | 47.6 | | | |
| 325 - 350m | 38.0 | 39.7 | 42.2 | 44.7 | 45.4 | | | |
| 350 - 375m | 37.6 | 39.7 | 42.6 | 45.5 | 45.9 | | | |
| 375 - 400m | 37.0 | 39.7 | 42.6 | 45.4 | 46.7 | | | |