

| Sex | Category | Where | Event | Time | Name | Relay Team | Born | Venue | Date | Note |
|-------|----------|--------|---------------|-----------|--|----------------------|----------|-------------------|----------|------|
| Women | Senior | Indoor | 50m | 6.44 | Ailis McSweeney | | 04.10.83 | Liévin, FRA | 26.02.05 | |
| Women | Senior | Indoor | 55m | 7.09 | Aoife Hearne | | 21.08.79 | Providence, USA | 20.02.99 | |
| Women | Senior | Indoor | 60m | 7.19 | Rhasidat Adeleke | | 29.08.02 | Birmingham, USA | 11.03.22 | TBC |
| Women | Senior | Indoor | 100m | 12.02 | Anna Boyle | | 29.03.83 | Bath, ENG | 01.02.06 | |
| Women | Senior | Indoor | 200m | 22.85 | Rhasidat Adeleke | | 29.08.02 | Albuquerque, USA | 04.02.22 | |
| Women | Senior | Indoor | 300m | 36.87 | Rhasidat Adeleke | | 29.08.02 | Clemson, USA | 15.01.22 | |
| Women | Senior | Indoor | 400m | 51.58 | Karen Shinkins | | 15.10.76 | Blacksburg, USA | 09.02.02 | |
| Women | Senior | Indoor | 800m | 2.00.58 | Siofra Cleirigh Buttner | | 21.07.95 | Fayetteville, USA | 21.02.21 | |
| Women | Senior | Indoor | 1000m | 2.40.01 | Georgie Hartigan | | 01.03.96 | Birmingham, ENG | 19.02.22 | TBC |
| Women | Senior | Indoor | 1500m | 4.06.42 | Ciara Mageean | | 12.03.92 | Boston, USA | 25.01.20 | |
| Women | Senior | Indoor | Mile | 4.28.31 | Ciara Mageean | | 12.03.92 | Boston, USA | 26.01.19 | |
| Women | Senior | Indoor | 2000m | 5.56.32 | Monica Joyce | | 16.07.58 | Los Angeles, USA | 18.01.85 | |
| Women | Senior | Indoor | 3000m | 8.43.74 | Mary Cullen | | 17.08.82 | Boston, USA | 13.02.09 | |
| Women | Senior | Indoor | 5000m | 15.17.28 | Sonia O'Sullivan | | 28.11.69 | Boston, USA | 26.01.91 | |
| Women | Senior | Indoor | 50m H | 6.80 | Derval O'Rourke | | 28.05.81 | Liévin, FRA | 03.03.06 | |
| Women | Senior | Indoor | 60m H | 7.84 | Derval O'Rourke | | 28.05.81 | Moscow, RUS | 11.03.06 | |
| Women | Senior | Indoor | High Jump | 1.93m | Deirdre Ryan | | 01.06.82 | Leverkusen, GER | 18.01.09 | |
| Women | Senior | Indoor | Long Jump | 6.59m | Kelly Proper | | 01.05.88 | Turin, ITA | 06.03.09 | |
| Women | Senior | Indoor | Triple Jump | 13.28m | Taneisha Scanlon | | 19.11.77 | Sheffield, GBR | 12.02.05 | |
| Women | Senior | Indoor | Pole Vault | 4.45m | Tori Pena | | 30.07.87 | Reno, USA | 20.01.12 | |
| Women | Senior | Indoor | Shot | 17.06m | Marita Walton | | 07.10.60 | New York, USA | 26.02.82 | |
| Women | Senior | Indoor | 4x200m | 1.37.43 | Ciara Sheehy, Martina McCarthy, Derval O'Rourke, Claire Bergin | National Team | n/a | Cardiff, WAL | 10.02.02 | |
| Women | Senior | Indoor | 4x400m | 3.34.61 | Karen Shinkins, Ciara Sheehy, Michelle Carey, Joanne Cuddihy | National Team | n/a | Budapest, HUN | 07.03.04 | |
| Women | Senior | Indoor | 4x200m (Club) | 1.41.15 | Kate Doherty, Molly Hourihan, Cara Murphy, Mollie O'Reilly | DSD A.C. | n/a | Abbotstown | 27.02.22 | TBC |
| Women | Senior | Indoor | 4x400m (Club) | 3.58.38 | Nicole Walsh, Laura Nally, Eimear Rowe, Ella O'Connor | Galway City Harriers | n/a | Abbotstown | 09.01.22 | |
| Women | Senior | Indoor | 3000m Walk | 11.35.34 | Gillian O'Sullivan | | 21.08.76 | Belfast | 15.02.03 | |
| Women | Senior | Indoor | Pentathlon | 4,214 pts | Kate O'Connor | | 04.12.96 | Cardiff, WAL | 27.01.19 | |