

| Sex | Category | Where | Event | Time | Wind | Name | Relay Team | Born | Venue | Date | Other |
|-------|----------|---------|---------------|----------|------|---|------------------------|----------|--------------------|-------------|-------|
| Women | Senior | Outdoor | 100m | 11.28 | 2.0 | Phil Healy | | 19.11.94 | Dublin | 06.06.18 | |
| Women | Senior | Outdoor | 200m | 22.59 | 2.0 | Rhasidat Adeleke | | 29.08.02 | Walnut, USA | 15.04.22 | |
| Women | Senior | Outdoor | 300m | 37.07 | | Karen Shinkins | | 15.10.76 | Brasschaat, BEL | 15.08.01 | |
| Women | Senior | Outdoor | 400m | 50.53 | | Rhasidat Adeleke | | 29.08.02 | Munich, GER | 17.08.22 | TBC |
| Women | Senior | Outdoor | 800m | 1:59.42 | | Louise Shanahan | | 26.01.97 | Belfast | 14.05.22 | |
| Women | Senior | Outdoor | 1000m | 2:31.06 | | Ciara Mageean | | 12.03.92 | Monte Carlo, MON | 14.08.20 | |
| Women | Senior | Outdoor | 1500m | 3:58.85 | | Sonia O'Sullivan | | 28.11.69 | Monte Carlo, MON | 25.07.95 | |
| Women | Senior | Outdoor | Mile | 4:17.26 | | Sonia O'Sullivan | | 28.11.69 | Oslo, NOR | 23.07.94 | |
| Women | Senior | Outdoor | 2000m | 5:25.36 | | Sonia O'Sullivan | | 28.11.69 | Edinburgh, SCO | 08.07.94 | |
| Women | Senior | Outdoor | 3000m | 8:21.64 | | Sonia O'Sullivan | | 28.11.69 | London, ENG | 04.08.99 | |
| Women | Senior | Outdoor | 5000m | 14:41.02 | | Sonia O'Sullivan | | 28.11.69 | Sydney, AUS | 25.09.00 | |
| Women | Senior | Outdoor | 10000m | 30:47.69 | | Sonia O'Sullivan | | 28.11.69 | Munich, GER | 29.04.07 | |
| Women | Senior | Outdoor | Marathon | 2:22.23 | | Catherina McKiernan | | 30.11.69 | Amsterdam, NED | 01.11.98 | |
| Women | Senior | Outdoor | 110m H | 12.65 | -0.5 | Derval O'Rourke | | 28.05.81 | Barcelona, ESP | 31.07.10 | |
| Women | Senior | Outdoor | 400m H | 54.31 | | Susan Smith | | 14.09.71 | Zurich, SUI | 12.08.98 | |
| Women | Senior | Outdoor | 2000m S/c | 6:13.50 | | Eilish Flanagan | | 02.05.97 | Santry | 13.06.21 | |
| Women | Senior | Outdoor | 3000m S/c | 9:28.29 | | Roisin McGettigan | | 23.08.80 | Heusden, NED | 28.07.07 | |
| Women | Senior | Outdoor | High Jump | 1.95m | | Deirdre Ryan | | 01.06.82 | Daegu, KOR | 01.09.11 | |
| Women | Senior | Outdoor | Long Jump | 6.60m | 1.0 | Kelly Proper | | 01.05.88 | Brussels, BEL | 08.08.10 | |
| Women | Senior | Outdoor | Triple Jump | 13.62m | 0.9 | Taneisha Scanlon | | 19.11.77 | Bratislava, SVK | 29.05.05 | |
| Women | Senior | Outdoor | Pole Vault | 4.60m | | Tori Pena | | 30.07.87 | Chula Vista, USA | 06.06.13 | |
| Women | Senior | Outdoor | Shot | 16.99m | | Marita Walton | | 07.10.60 | Palo Alto, USA | 02.04.83 | |
| Women | Senior | Outdoor | Discus | 57.60m | | Patricia Walsh | | 07.10.60 | Santry | 07.07.84 | |
| Women | Senior | Outdoor | Hammer | 73.21m | | Eilleen O'Keefe | | 31.05.81 | Santry | 21.07.07 | |
| Women | Senior | Outdoor | Javelin | 54.92m | | Anita Fitzgibbon | | 21.02.83 | Santry | 29.07.13 | |
| Women | Senior | Outdoor | 4x100m | 43.80 | | Joan Healy, Phil Healy, Ciara Neville, Gina Akpe-Moses | National Team | n/a | Berlin, GER | 12.08.18 | |
| Women | Senior | Outdoor | 4x100m (Club) | 46.03 | | Mairead Murphy, Ciara Giles-Doran, Niamh Whelan, Kelly Proper | Ferrybank AC | n/a | Beograd, SER | 28.05.11 | |
| Women | Senior | Outdoor | 4x200m | 1:35.93 | | Aoife Lynch, Kate Doherty, Sarah Quinn, Sophie Becker | National Team | n/a | Silesia, POL | 02.05.21 | |
| Women | Senior | Outdoor | 4x400m | 3:26.06 | | Sophie Becker, Phil Healy, Rhasidat Adeleke, Sharlene Mawdsley | National Team | n/a | Munich, GER | 19.08.22 | TBC |
| Women | Senior | Outdoor | 4x400m (Club) | 3:42.29 | | Joanne Cuddihy, Fiona Norwood, Geraldine Nolan, Emily Maher | Kilkenny City Harriers | n/a | Tullamore | 13.08.00 | |
| Mixed | Senior | Outdoor | 4x400m | 3:12.88 | | Cillin Greene, Phil Healy, Sophie Becker, Christopher O'Donnell | National Team | n/a | Toyko, JPN | 31.07.21 | |
| Women | Senior | Outdoor | 3000m Walk | 12:18.86 | | Kate Veale | | 05.01.84 | Tullamore | 23.07.11 | |
| Women | Senior | Outdoor | 5000m Walk | 20:02.60 | | Gillian O'Sullivan | | 21.08.76 | Santry | 13.07.02 | |
| Women | Senior | Outdoor | 10,000m Walk | 45:28.75 | | Gillian O'Sullivan | | 21.08.76 | San Sebastian, ESP | 01.08.98 | |
| Women | Senior | Outdoor | 10k Walk Rd. | 43.22 | | Olive Loughnane | | 14.01.76 | Saransk, RUS | 19.09.09 | |
| Women | Senior | Outdoor | 20k Walk Rd. | 1:19.22 | | Gillian O'Sullivan | | 21.08.76 | Milan, ITA | 01.05.03 | |
| Women | Senior | Outdoor | Heptathlon | 6,297pts | | Kate O'Connor | | 12.12.00 | Lana, ITA | 24/25.04.21 | |