| Girls High Jump (cutoff: 4-06.00) | | | | | | |
|-----------------------------------|---------|--------------------|-----------|------------------------------|--|--|
| 1 | 5-06.00 | Karen Abrams | 5/24/1973 | State AAA Championship | | |
| 2 | 5-05.50 | Ann Deters | 5/4/1976 | Dual meet vs Atherton | | |
| 3 | 5-04.00 | Amy Corbett | 4/28/1981 | Dual meet vs HR, Wagg | | |
| 3 | 5-04.00 | Annie Crotty | 5/18/2013 | State AAA Championship | | |
| 5 | 5-03.00 | Taylor Shoop | 5/8/2007 | Academy Meet | | |
| 6 | 5-02.00 | Erin Burch | 5/23/2005 | Region 3-AAA Championship | | |
| 7 | 5-00.00 | Becca Denny | 5/6/2008 | Academy Meet | | |
| 7 | 5-00.00 | Audrey Cissell | 5/20/2017 | State AAA Championship | | |
| 9 | 4-10.00 | Bridget Coleman | 5/8/2017 | AHS JV Mini-Meet #2 | | |
| 9 | 4-10.00 | Mia Seitz | 4/24/1986 | Dual meet vs Western | | |
| 9 | 4-10.00 | Whitney Burckle | 4/16/2003 | Dual meet vs Waggener, SHA | | |
| 9 | 4-10.00 | Kara Bruns | 5/3/2016 | AHS Meet 2 | | |
| 9 | 4-10.00 | Riley Warren | 5/21/2019 | Region 4-AAA Championship | | |
| 9 | 4-10.00 | Rachel Harris | 5/9/1995 | Dual meet vs Manual, Ballard | | |
| 9 | 4-10.00 | Andrea Vivona | 5/13/1998 | Meet of Champions | | |
| 9 | 4-10.00 | Lisa Kupper | 4/24/1986 | Dual meet vs Western | | |
| 9 | 4-10.00 | Brittany Parrish | 3/15/1997 | Tiger Relays | | |
| 18 | 4-09.00 | Layla Padgett | 3/28/2023 | SHA Sprint Night | | |
| 19 | 4-08.00 | Alexa Norris | 3/29/2005 | Ballard Kickoff | | |
| 19 | 4-08.00 | Erin Spencer | 4/28/2010 | Dual Meet vs Fern Creek | | |
| 19 | 4-08.00 | Emily McCurry | 5/2/2019 | Sundown Invitational | | |
| 19 | 4-08.00 | Paige Connelly | 4/23/2011 | Brother Borgia Invite | | |
| 19 | 4-08.00 | Lindsay Brzozka | 5/6/1997 | Dual meet vs Ballard | | |
| 19 | 4-08.00 | Sarah Todd | 4/24/2002 | Dual meet vs Butler, Manual | | |
| 19 | 4-08.00 | Joyce Price | 4/15/1987 | Dual meet vs Butler, Doss | | |
| 19 | 4-08.00 | Holly Grant | 5/11/2002 | North Hardin Invitational | | |
| 19 | 4-08.00 | Beth Faulkner | 5/19/2003 | Region 3-AAA Championship | | |
| 19 | 4-08.00 | Kalie Ruddle | 3/28/1998 | Male Kickoff | | |
| 19 | 4-08.00 | Lillian Broniak | 5/24/2022 | Region 4AAA Championship | | |
| 19 | 4-08.00 | Michelle Henle | 4/25/1977 | Academy League Meet | | |
| 19 | 4-08.00 | Courtney Wheatley | 3/29/2005 | Ballard Kickoff | | |
| 19 | 4-08.00 | Susan Deters | 4/25/1977 | Academy League Meet | | |
| 19 | 4-08.00 | Jill Porco | 4/28/1985 | Academy Meet | | |
| 19 | 4-08.00 | Kathryn Burch | 4/19/2005 | Dual Meet @ KCD | | |
| 19 | 4-08.00 | Gabrielle Sweeney | 4/17/1980 | Dual Meet vs Fern Crk, Moore | | |
| 19 | 4-08.00 | Katie Roper | 5/15/2024 | Meet of Champions | | |
| 37 | 4-07.00 | Beth Whelan | 4/25/1989 | Dual meet vs Central, Valley | | |
| 38 | 4-06.00 | Marilyn Corbett | 4/23/1979 | Dual meet vs Ahrens, Ballard | | |
| 38 | 4-06.00 | Katie Raley | 4/25/2008 | Eastern Relays | | |
| 38 | 4-06.00 | Fran Deeley | 3/21/2012 | Dual Meet vs Eastern | | |
| 38 | 4-06.00 | Becky Shannonhouse | 4/25/1989 | Dual meet vs Central, Valley | | |
| 38 | 4-06.00 | Emily Wiegel | 3/1/2014 | Spring Thaw Relays | | |

| 38 | 4-06.00 | Maria McKiernan | 5/9/1984 | Regional Championship |
|----|---------|-----------------|-----------|--------------------------------|
| 38 | 4-06.00 | Emily Ford | 4/25/2000 | Dual meet vs Collegiate, KCD |
| 38 | 4-06.00 | Kim Baron | 3/29/1990 | Dual meet vs Holy Rosary, Pres |
| 38 | 4-06.00 | Rebecca Lehr | 3/27/1999 | Male Kickoff |
| 38 | 4-06.00 | Karleigh Dow | 3/21/2023 | St X Master Meet #1 |
| 38 | 4-06.00 | Mary Schook | 4/23/1994 | Iroquois Invitational |
| 38 | 4-06.00 | Brenna Irwin | 5/13/2008 | Area 3 Meet of Champions |
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