

| LOWEST ERA, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       | HIGHEST WINNING %, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       | LOWEST WHIP, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       |
|-----------------------------------------------|--------|---------|--------------------|-------|------------------------------------------------------|--------|---------|--------------------|-------|------------------------------------------------|--------|---------|--------------------|-------|
|                                               | Active | Seasons | Name               | ERA   |                                                      | Active | Seasons | Name               | Win % |                                                | Active | Seasons | Name               | WHIP  |
| 1                                             | No     | 16      | Hoffman, Trevor    | 2.725 | 1                                                    | No     | 17      | Martinez, Pedro    | .7199 | 1                                              | No     | 16      | Hoffman, Trevor    | 1.042 |
| 2                                             | No     | 18      | Rivera, Mariano    | 2.778 | 2                                                    | No     | 10      | Rijo, Jose         | .7025 | 2                                              | No     | 17      | Martinez, Pedro    | 1.074 |
| 3                                             | Yes    | 11      | deGrom, Jacob      | 2.965 | 3                                                    | No     | 7       | Stieb, Dave        | .6954 | 3                                              | Yes    | 17      | Kershaw, Clayton   | 1.077 |
| 4                                             | No     | 14      | Eckersley, Dennis  | 3.083 | 4                                                    | No     | 11      | Eldred, Cal        | .6889 | 4                                              | Yes    | 11      | deGrom, Jacob      | 1.078 |
| 5                                             | No     | 17      | Martinez, Pedro    | 3.084 | 5                                                    | No     | 7       | Kuroda, Hiroki     | .6818 | 5                                              | Yes    | 12      | Sale, Chris        | 1.081 |
| 6                                             | No     | 7       | Ryan, Nolan        | 3.154 | 6                                                    | Yes    | 11      | deGrom, Jacob      | .6784 | 6                                              | No     | 18      | Rivera, Mariano    | 1.087 |
| 7                                             | No     | 7       | Stieb, Dave        | 3.167 | 7                                                    | Yes    | 12      | Cole, Gerrit       | .6708 | 7                                              | No     | 14      | Eckersley, Dennis  | 1.128 |
| 8                                             | Yes    | 12      | Sale, Chris        | 3.175 | 8                                                    | No     | 23      | Clemens, Roger     | .6611 | 8                                              | Yes    | 12      | Cole, Gerrit       | 1.140 |
| 9                                             | No     | 12      | Oswalt, Roy        | 3.325 | 9                                                    | No     | 21      | Johnson, Randy     | .6601 | 9                                              | Yes    | 7       | Burnes, Corbin     | 1.162 |
| 10                                            | No     | 7       | Johnson, Josh      | 3.397 | 10                                                   | No     | 22      | Maddux, Greg       | .6568 | 10                                             | Yes    | 17      | Verlander, Justin  | 1.163 |
| 11                                            | No     | 6       | Blyleven, Bert     | 3.399 | 11                                                   | No     | 8       | Lidle, Cory        | .6531 | 11                                             | No     | 14      | Halladay, Roy      | 1.165 |
| 12                                            | Yes    | 17      | Kershaw, Clayton   | 3.423 | 12                                                   | No     | 6       | Blyleven, Bert     | .6525 | 12                                             | No     | 11      | Weaver, Jered      | 1.165 |
| 13                                            | No     | 14      | Halladay, Roy      | 3.451 | 13                                                   | No     | 12      | Park, Chan Ho      | .6497 | 13                                             | No     | 6       | Bieber, Shane      | 1.175 |
| 14                                            | No     | 13      | Martinez, Dennis   | 3.454 | 14                                                   | No     | 7       | Ryan, Nolan        | .6481 | 14                                             | No     | 8       | Bauer, Trevor      | 1.176 |
| 15                                            | No     | 22      | Maddux, Greg       | 3.484 | 15                                                   | Yes    | 17      | Kershaw, Clayton   | .6467 | 15                                             | Yes    | 10      | Nola, Aaron        | 1.179 |
| 16                                            | No     | 21      | Johnson, Randy     | 3.493 | 16                                                   | Yes    | 17      | Verlander, Justin  | .6459 | 16                                             | Yes    | 8       | Berrios, Jose      | 1.182 |
| 17                                            | No     | 23      | Clemens, Roger     | 3.499 | 17                                                   | No     | 11      | Valdes, Ishmael    | .6436 | 17                                             | No     | 12      | Oswalt, Roy        | 1.197 |
| 18                                            | Yes    | 12      | Cole, Gerrit       | 3.513 | 18                                                   | No     | 6       | Whitson, Ed        | .6406 | 18                                             | No     | 6       | Scott, Mike        | 1.203 |
| 19                                            | No     | 16      | Jackson, Mike      | 3.513 | 19                                                   | No     | 12      | Santana, Johan     | .6395 | 19                                             | No     | 11      | Kluber, Corey      | 1.205 |
| 20                                            | Yes    | 17      | Verlander, Justin  | 3.515 | 20                                                   | Yes    | 12      | Sale, Chris        | .6371 | 20                                             | Yes    | 10      | Bassitt, Chris     | 1.210 |
| 21                                            | No     | 11      | Weaver, Jered      | 3.528 | 21                                                   | Yes    | 8       | Taillon, Jameson   | .6364 | 21                                             | No     | 6       | Blyleven, Bert     | 1.211 |
| 22                                            | No     | 16      | Brown, Kevin       | 3.534 | 22                                                   | No     | 7       | Johnson, Josh      | .6333 | 22                                             | No     | 7       | Ryan, Nolan        | 1.214 |
| 23                                            | Yes    | 10      | Nola, Aaron        | 3.536 | 23                                                   | No     | 6       | Webb, Brandon      | .6333 | 23                                             | No     | 7       | Kuroda, Hiroki     | 1.215 |
| 24                                            | No     | 11      | Viola, Frank       | 3.592 | 24                                                   | No     | 11      | Martinez, Ramon J. | .6326 | 24                                             | Yes    | 8       | Castillo, Luis     | 1.220 |
| 25                                            | No     | 10      | Rijo, Jose         | 3.602 | 25                                                   | No     | 16      | Brown, Kevin       | .6279 | 25                                             | No     | 23      | Clemens, Roger     | 1.221 |
| 26                                            | No     | 11      | Harris, Greg A.    | 3.610 | 26                                                   | No     | 14      | Halladay, Roy      | .6278 | 26                                             | No     | 16      | Jackson, Mike      | 1.226 |
| 27                                            | No     | 14      | Jones, Doug        | 3.619 | 27                                                   | No     | 19      | Schilling, Curt    | .6268 | 27                                             | Yes    | 17      | Scherzer, Max      | 1.226 |
| 28                                            | Yes    | 7       | Burnes, Corbin     | 3.626 | 28                                                   | No     | 16      | Lowe, Derek        | .6245 | 28                                             | No     | 22      | Maddux, Greg       | 1.231 |
| 29                                            | Yes    | 10      | Wheeler, Zack      | 3.629 | 29                                                   | No     | 12      | Schmidt, Jason     | .6245 | 29                                             | Yes    | 10      | Wheeler, Zack      | 1.231 |
| 30                                            | No     | 6       | Bieber, Shane      | 3.654 | 30                                                   | No     | 11      | Weaver, Jered      | .6234 | 30                                             | No     | 15      | Hernandez, Felix   | 1.236 |
| 31                                            | Yes    | 8       | Berrios, Jose      | 3.654 | 31                                                   | No     | 11      | Reed, Rick         | .6218 | 31                                             | Yes    | 12      | Gray, Sonny        | 1.237 |
| 32                                            | Yes    | 8       | Castillo, Luis     | 3.663 | 32                                                   | No     | 12      | Oswalt, Roy        | .6180 | 32                                             | No     | 7       | Johnson, Josh      | 1.237 |
| 33                                            | No     | 7       | Kuroda, Hiroki     | 3.677 | 33                                                   | No     | 8       | Ryu, Hyun-Jin      | .6174 | 33                                             | No     | 9       | Sheets, Ben        | 1.238 |
| 34                                            | No     | 6       | Whitson, Ed        | 3.688 | 34                                                   | Yes    | 10      | Wheeler, Zack      | .6154 | 34                                             | No     | 21      | Johnson, Randy     | 1.239 |
| 35                                            | No     | 8       | Robinson, Don      | 3.690 | 35                                                   | No     | 8       | Bauer, Trevor      | .6150 | 35                                             | No     | 6       | Alcantara, Sandy   | 1.240 |
| 36                                            | No     | 9       | Welch, Bob         | 3.699 | 36                                                   | No     | 18      | Mussina, Mike      | .6140 | 36                                             | No     | 19      | Schilling, Curt    | 1.242 |
| 37                                            | No     | 20      | Smoltz, John       | 3.704 | 37                                                   | No     | 11      | Castillo, Frank    | .6138 | 37                                             | No     | 7       | Giolito, Lucas     | 1.242 |
| 38                                            | No     | 8       | Bauer, Trevor      | 3.709 | 38                                                   | No     | 15      | Hershiser, Orel    | .6125 | 38                                             | No     | 20      | Smoltz, John       | 1.243 |
| 39                                            | No     | 11      | Martinez, Ramon J. | 3.727 | 39                                                   | No     | 9       | Black, Bud         | .6111 | 39                                             | No     | 13      | Saberhagen, Bret   | 1.246 |
| 40                                            | No     | 11      | Kluber, Corey      | 3.734 | 40                                                   | No     | 11      | Viola, Frank       | .6107 | 40                                             | Yes    | 7       | Lopez, Pablo       | 1.249 |
| 41                                            | Yes    | 10      | Bassitt, Chris     | 3.747 | 41                                                   | No     | 20      | Smoltz, John       | .6093 | 41                                             | No     | 8       | Estrada, Marco     | 1.250 |
| 42                                            | No     | 15      | Hernandez, Felix   | 3.758 | 42                                                   | No     | 7       | Marcum, Shaun      | .6077 | 42                                             | No     | 6       | Whitson, Ed        | 1.251 |
| 43                                            | Yes    | 9       | Stroman, Marcus    | 3.762 | 43                                                   | No     | 16      | Hoffman, Trevor    | .6043 | 43                                             | No     | 14      | Vazquez, Javier    | 1.251 |
| 44                                            | No     | 13      | Hill, Rich         | 3.763 | 44                                                   | No     | 6       | Scott, Mike        | .6040 | 44                                             | No     | 8       | Ryu, Hyun-Jin      | 1.252 |
| 45                                            | No     | 7       | Higuera, Teddy     | 3.764 | 45                                                   | No     | 14      | Burkett, John      | .6040 | 45                                             | No     | 10      | Rijo, Jose         | 1.253 |
| 46                                            | No     | 9       | Lincecum, Tim      | 3.764 | 46                                                   | No     | 6       | Bieber, Shane      | .6032 | 46                                             | No     | 12      | Santana, Johan     | 1.255 |
| 47                                            | No     | 12      | Park, Chan Ho      | 3.829 | 47                                                   | No     | 14      | Dempster, Ryan     | .6007 | 47                                             | No     | 14      | Hamels, Cole       | 1.255 |
| 48                                            | Yes    | 17      | Scherzer, Max      | 3.838 | 48                                                   | Yes    | 7       | Burnes, Corbin     | .5982 | 48                                             | No     | 9       | Strasburg, Stephen | 1.256 |
| 49                                            | No     | 7       | Show, Eric         | 3.853 | 49                                                   | Yes    | 8       | Berrios, Jose      | .5946 | 49                                             | Yes    | 8       | Taillon, Jameson   | 1.259 |
| 50                                            | No     | 7       | Giolito, Lucas     | 3.854 | 50                                                   | No     | 12      | Cormier, Rheal     | .5932 | 50                                             | No     | 13      | Martinez, Dennis   | 1.259 |
| 51                                            | No     | 18      | Rhodes, Arthur     | 3.866 | 51                                                   | No     | 14      | Santana, Ervin     | .5931 | 51                                             | No     | 13      | Price, David       | 1.261 |
| 52                                            | No     | 7       | Marcum, Shaun      | 3.866 | 52                                                   | No     | 9       | Lincecum, Tim      | .5924 | 52                                             | No     | 7       | Tanaka, Masahiro   | 1.263 |
| 53                                            | No     | 15      | Hershiser, Orel    | 3.878 | 53                                                   | Yes    | 8       | Anderson, Tyler    | .5906 | 53                                             | No     | 11      | Viola, Frank       | 1.264 |
| 54                                            | No     | 14      | Hawkins, LaTroy    | 3.879 | 54                                                   | No     | 12      | Carpenter, Chris   | .5891 | 54                                             | Yes    | 10      | Walker, Taijuan    | 1.264 |
| 55                                            | No     | 14      | Fernandez, Sid     | 3.885 | 55                                                   | No     | 11      | Daal, Omar         | .5887 | 55                                             | No     | 9       | Teheran, Julio     | 1.268 |
| 56                                            | No     | 6       | Webb, Brandon      | 3.903 | 56                                                   | No     | 8       | Hill, Ken          | .5882 | 56                                             | No     | 9       | Pineda, Michael    | 1.269 |
| 57                                            | No     | 19      | Schilling, Curt    | 3.905 | 57                                                   | No     | 15      | Hernandez, Felix   | .5875 | 57                                             | No     | 13      | Hill, Rich         | 1.270 |
| 58                                            | No     | 12      | Santana, Johan     | 3.921 | 58                                                   | No     | 11      | Escobar, Kelvim    | .5872 | 58                                             | No     | 13      | Cain, Matt         | 1.271 |
| 59                                            | No     | 12      | DeLeon, Jose       | 3.924 | 59                                                   | No     | 10      | Wilson, CJ         | .5871 | 59                                             | No     | 14      | Hawkins, LaTroy    | 1.272 |
| 60                                            | No     | 15      | Cone, David        | 3.929 | 60                                                   | No     | 8       | Archer, Chris      | .5862 | 60                                             | Yes    | 12      | Darvish, Yu        | 1.272 |
| 61                                            | No     | 13      | Price, David       | 3.931 | 61                                                   | No     | 13      | Saberhagen, Bret   | .5860 | 61                                             | No     | 13      | Bumgarner, Madison | 1.273 |
| 62                                            | No     | 10      | Capuano, Chris     | 3.932 | 62                                                   | Yes    | 9       | Stroman, Marcus    | .5849 | 62                                             | No     | 13      | Haren, Dan         | 1.273 |
| 63                                            | No     | 8       | Estrada, Marco     | 3.933 | 63                                                   | Yes    | 8       | Castillo, Luis     | .5848 | 63                                             | No     | 8       | Robinson, Don      | 1.276 |
| 64                                            | Yes    | 12      | Gray, Sonny        | 3.949 | 64                                                   | No     | 10      | Leake, Mike        | .5830 | 64                                             | No     | 7       | Higuera, Teddy     | 1.277 |
| 65                                            | No     | 14      | Hamels, Cole       | 3.952 | 65                                                   | No     | 9       | Hamilton, Joey     | .5825 | 65                                             | No     | 15      | Aguilera, Rick     | 1.278 |
| 66                                            | No     | 13      | Appier, Kevin      | 3.952 | 66                                                   | No     | 9       | Boddicker, Mike    | .5815 | 66                                             | No     | 19      | Greinke, Zack      | 1.281 |
| 67                                            | No     | 8       | Gullickson, Bill   | 3.957 | 67                                                   | No     | 16      | Hudson, Tim        | .5813 | 67                                             | No     | 9       | Lincecum, Tim      | 1.281 |
| 68                                            | No     | 16      | Gooden, Dwight     | 3.979 | 68                                                   | No     | 8       | Masterson, Justin  | .5775 | 68                                             | No     | 16      | Brown, Kevin       | 1.282 |
| 69                                            | No     | 13      | Saberhagen, Bret   | 4.000 | 69                                                   | Yes    | 11      | Hendricks, Kyle    | .5773 | 69                                             | No     | 7       | Marcum, Shaun      | 1.283 |
| 70                                            | No     | 10      | McCaskill, Kirk    | 4.002 | 70                                                   | No     | 13      | Appier, Kevin      | .5769 | 70                                             | Yes    | 11      | Hendricks, Kyle    | 1.284 |
| 71                                            | No     | 15      | Aguilera, Rick     | 4.014 | 71                                                   | No     | 16      | Gooden, Dwight     | .5750 | 71                                             | No     | 14      | Jones, Doug        | 1.288 |
| 72                                            | No     | 6       | Scott, Mike        | 4.017 | 72                                                   | No     | 9       | Hermanson, Dustin  | .5748 | 72                                             | Yes    | 9       | Eflin, Zach        | 1.290 |
| 73                                            | Yes    | 6       | Webb, Logan        | 4.023 | 73                                                   | Yes    | 17      | Scherzer, Max      | .5729 | 73                                             | No     | 9       | Hughes, Phil       | 1.294 |
| 74                                            | No     | 11      | Swift, Bill        | 4.028 | 74                                                   | No     | 9       | Hernandez, Orlando | .5714 | 74                                             | No     | 6       | Marquez, German    | 1.299 |
| 75                                            | No     | 12      | Arrieta, Jake      | 4.038 | 75                                                   | No     | 14      | Benes, Andy        | .5704 | 75                                             | No     | 12      | Arrieta, Jake      | 1.301 |
| 76                                            | No     | 11      | Wood, Kerry        | 4.040 | 76                                                   | No     | 12      | Gonzalez, Gio      | .5700 | 76                                             | No     | 7       | Stieb, Dave        | 1.301 |
| 77                                            | No     | 12      | Cormier, Rheal     | 4.043 | 77                                                   | No     | 6       | Marquez, German    | .5683 | 77                                             | No     | 10      | Sanderson, Scott   | 1.302 |
| 78                                            | Yes    | 10      | Walker, Taijuan    | 4.057 | 78                                                   | No     | 13      | Martinez, Dennis   | .5676 | 78                                             | No     | 12      | Samardzija, Jeff   | 1.303 |
| 79                                            | No     | 9       | Wood, Alex         | 4.069 | 79                                                   | No     | 11      | Ashby, Andy        | .5673 | 79                                             | Yes    | 12      | Cobb, Alex         | 1.303 |
| 80                                            | No     | 9       | Teheran, Julio     | 4.087 | 80                                                   | No     | 13      | Price, David       | .5665 | 80                                             | Yes    | 8       | Maeda, Kenta       | 1.304 |
| 81                                            | No     | 7       | Roark, Tanner      | 4.093 | 81                                                   | Yes    | 6       | Webb, Logan        | .5645 | 81                                             | No     | 18      | Mussina, Mike      | 1.304 |
| 82                                            | Yes    | 12      | Gausman, Kevin     | 4.098 | 82                                                   | No     | 10      | Fernandez, Alex    | .5641 | 82                                             | No     | 9       | McDowell, Jack     | 1.304 |
| 83                                            | No     | 16      | Lowe, Derek        | 4.099 | 83                                                   | No     | 9       | Welch, Bob         | .5625 | 83                                             | No     | 6       | Smith, Bryn        | 1.305 |
| 84                                            | No     | 8       | Ryu, Hyun-Jin      | 4.112 | 84                                                   | Yes    | 10      | Walker, Taijuan    | .5620 | 84                                             | No     | 15      | Hershiser, Orel    | 1.306 |
| 85                                            | Yes    | 12      | Cobb, Alex         | 4.115 | 85                                                   | No     | 19      | Sabathia, CC       | .5618 | 85                                             | No     | 15      | Cone, David        | 1.309 |
| 86                                            | No     | 8       | Ojeda, Bob         | 4.120 | 86                                                   | Yes    | 9       | Eflin, Zach        | .5612 | 86                                             | No     | 12      | Cormier, Rheal     | 1.309 |
| 87                                            | No     | 14      | Santana, Ervin     | 4.127 | 87                                                   | Yes    | 9       | Rodriguez, Eduardo | .5612 | 87                                             | No     | 14      | Santana, Ervin     | 1.311 |
| 88                                            | No     | 9       | Boddicker, Mike    | 4.129 | 88                                                   | Yes    | 13      | Lynn, Lance        | .5611 | 88                                             | No     | 11      | Harris, Greg A.    | 1.311 |
| 89                                            | No     | 14      | Vazquez, Javier    | 4.133 | 89                                                   | No     | 9       | Stewart, Dave      | .5603 | 89                                             | No     | 11      | Wood, Kerry        | 1.311 |
| 90                                            | No     | 9       | Strasburg, Stephen | 4.142 | 90                                                   | Yes    | 14      | Morton, Charlie    | .5596 | 90                                             | Yes    | 12      | Gausman, Kevin     | 1.312 |
| 91                                            | No     | 6       | Alcantara, Sandy   | 4.143 | 91                                                   | No     | 9       | McDowell, Jack     | .5590 | 91                                             | No     | 11      | Blanton, Joe       | 1.313 |
| 92                                            | No     | 7       | Tanaka, Masahiro   | 4.154 | 92                                                   | No     | 9       | Meche, Gil         | .5586 | 92                                             | No     | 10      | Hellickson, Jeremy | 1.314 |
| 93                                            | No     | 10      | Fister, Doug       | 4.156 | 93                                                   | No     | 9       | Strasburg, Stephen | .5562 | 93                                             | No     | 12      | Beckett, Josh      | 1.314 |
| 94                                            | No     | 11      | Harnisch, Pete     | 4.158 | 94                                                   | No     | 11      | Keuchel, Dallas    | .5561 | 94                                             | No     | 13      | Kennedy, Ian       | 1.314 |
| 95                                            | No     | 11      | Garza, Matt        | 4.161 | 95                                                   | No     | 11      | Kluber, Corey      | .5556 | 95                                             | No     | 11      | Martinez, Ramon J. | 1.316 |

| LOWEST ERA, 1000 IP min<br>Pitchers thru 2025 |        |         |                     |       | HIGHEST WINNING %, 1000 IP min<br>Pitchers thru 2025 |        |         |                     |       | LOWEST WHIP, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       |
|-----------------------------------------------|--------|---------|---------------------|-------|------------------------------------------------------|--------|---------|---------------------|-------|------------------------------------------------|--------|---------|--------------------|-------|
|                                               | Active | Seasons | Name                | ERA   |                                                      | Active | Seasons | Name                | Win % |                                                | Active | Seasons | Name               | WHIP  |
| 96                                            | No     | 13      | Cain, Matt          | 4.162 | 96                                                   | No     | 11      | Harnisch, Pete      | .5550 | 96                                             | No     | 11      | Valdes, Ishmael    | 1.316 |
| 97                                            | No     | 10      | Hough, Charlie      | 4.165 | 97                                                   | No     | 10      | Avery, Steve        | .5549 | 97                                             | No     | 10      | Fister, Doug       | 1.317 |
| 98                                            | No     | 19      | Greinke, Zack       | 4.165 | 98                                                   | Yes    | 10      | Nola, Aaron         | .5535 | 98                                             | No     | 14      | Darwin, Danny      | 1.318 |
| 99                                            | Yes    | 7       | Lopez, Pablo        | 4.166 | 99                                                   | No     | 13      | Haren, Dan          | .5530 | 99                                             | No     | 10      | Capuano, Chris     | 1.318 |
| 100                                           | No     | 10      | Wilson, CJ          | 4.183 | 100                                                  | No     | 13      | Cain, Matt          | .5519 | 100                                            | No     | 6       | Webb, Brandon      | 1.320 |
| 101                                           | No     | 16      | Hudson, Tim         | 4.191 | 101                                                  | No     | 8       | Ojeda, Bob          | .5515 | 101                                            | No     | 14      | Fernandez, Sid     | 1.320 |
| 102                                           | No     | 14      | Dempster, Ryan      | 4.192 | 102                                                  | No     | 22      | Glavine, Tom        | .5505 | 102                                            | No     | 15      | Lackey, John       | 1.322 |
| 103                                           | Yes    | 12      | Quintana, Jose      | 4.195 | 103                                                  | No     | 16      | Buehrle, Mark       | .5504 | 103                                            | No     | 7       | Chen, Wei-Yin      | 1.322 |
| 104                                           | No     | 13      | Liriano, Francisco  | 4.196 | 104                                                  | No     | 11      | Gubicza, Mark       | .5500 | 104                                            | No     | 7       | Roark, Tanner      | 1.323 |
| 105                                           | No     | 11      | Smiley, John        | 4.198 | 105                                                  | No     | 8       | Clement, Matt       | .5497 | 105                                            | No     | 16      | Gooden, Dwight     | 1.323 |
| 106                                           | No     | 18      | Mussina, Mike       | 4.199 | 106                                                  | No     | 14      | Eckersley, Dennis   | .5497 | 106                                            | Yes    | 8       | Pivetta, Nick      | 1.329 |
| 107                                           | No     | 22      | Glavine, Tom        | 4.203 | 107                                                  | No     | 7       | Higuera, Teddy      | .5496 | 107                                            | No     | 7       | Show, Eric         | 1.330 |
| 108                                           | Yes    | 10      | Rodon, Carlos       | 4.204 | 108                                                  | No     | 14      | Fassero, Jeff       | .5495 | 108                                            | Yes    | 8       | Fried, Max         | 1.330 |
| 109                                           | No     | 14      | Darwin, Danny       | 4.207 | 109                                                  | No     | 8       | Leibbrandt, Charlie | .5477 | 109                                            | No     | 9       | Welch, Bob         | 1.331 |
| 110                                           | No     | 11      | Valdes, Ishmael     | 4.216 | 110                                                  | Yes    | 12      | Darvish, Yu         | .5474 | 110                                            | Yes    | 9       | Stroman, Marcus    | 1.331 |
| 111                                           | No     | 8       | Hill, Ken           | 4.221 | 111                                                  | No     | 12      | Kile, Darryl        | .5474 | 111                                            | Yes    | 12      | Quintana, Jose     | 1.332 |
| 112                                           | Yes    | 14      | Morton, Charlie     | 4.222 | 112                                                  | No     | 20      | Rogers, Kenny       | .5452 | 112                                            | No     | 10      | Odorizzi, Jake     | 1.332 |
| 113                                           | No     | 10      | Avery, Steve        | 4.223 | 113                                                  | No     | 17      | Wainwright, Adam    | .5447 | 113                                            | Yes    | 10      | Rodon, Carlos      | 1.333 |
| 114                                           | No     | 12      | Candiotti, Tom      | 4.228 | 114                                                  | No     | 11      | Tapani, Kevin       | .5439 | 114                                            | No     | 16      | Lowe, Derek        | 1.335 |
| 115                                           | No     | 11      | Eldred, Cal         | 4.233 | 115                                                  | No     | 10      | Fister, Doug        | .5431 | 115                                            | No     | 8       | Hill, Ken          | 1.336 |
| 116                                           | No     | 10      | Bosio, Chris        | 4.233 | 116                                                  | No     | 22      | Moyer, Jamie        | .5419 | 116                                            | No     | 10      | Bosio, Chris       | 1.340 |
| 117                                           | No     | 16      | Buehrle, Mark       | 4.233 | 117                                                  | No     | 12      | Erickson, Scott     | .5407 | 117                                            | No     | 17      | Wainwright, Adam   | 1.343 |
| 118                                           | No     | 9       | Hernandez, Orlando  | 4.235 | 118                                                  | No     | 12      | Samardzija, Jeff    | .5376 | 118                                            | No     | 9       | Hermanson, Dustin  | 1.344 |
| 119                                           | No     | 6       | Witt, Mike          | 4.240 | 119                                                  | No     | 15      | Cone, David         | .5371 | 119                                            | No     | 15      | Cueto, Johnny      | 1.345 |
| 120                                           | No     | 12      | Beckett, Josh       | 4.241 | 120                                                  | No     | 14      | Fernandez, Sid      | .5366 | 120                                            | No     | 11      | Garza, Matt        | 1.345 |
| 121                                           | No     | 6       | Marquez, German     | 4.241 | 121                                                  | No     | 13      | Astacio, Pedro      | .5364 | 121                                            | No     | 16      | Buehrle, Mark      | 1.345 |
| 122                                           | No     | 10      | Gallardo, Yovani    | 4.241 | 122                                                  | No     | 11      | Dickey, RA          | .5362 | 122                                            | No     | 9       | Minor, Mike        | 1.345 |
| 123                                           | No     | 11      | Blanton, Joe        | 4.241 | 123                                                  | No     | 9       | Tillman, Chris      | .5349 | 123                                            | No     | 12      | Park, Chan Ho      | 1.347 |
| 124                                           | No     | 8       | Leibbrandt, Charlie | 4.253 | 124                                                  | No     | 6       | Smith, Bryn         | .5340 | 124                                            | No     | 9       | Hernandez, Orlando | 1.348 |
| 125                                           | No     | 9       | Hughes, Phil        | 4.255 | 125                                                  | No     | 19      | Greinke, Zack       | .5326 | 125                                            | No     | 10      | Padilla, Vincente  | 1.348 |
| 126                                           | Yes    | 8       | Fried, Max          | 4.257 | 126                                                  | No     | 12      | Washburn, Jarrod    | .5319 | 126                                            | Yes    | 10      | Ray, Robbie        | 1.349 |
| 127                                           | No     | 9       | Hurst, Bruce        | 4.261 | 127                                                  | No     | 10      | Sanderson, Scott    | .5305 | 127                                            | No     | 11      | Zimmermann, Jordan | 1.352 |
| 128                                           | No     | 16      | Burnett, AJ         | 4.264 | 128                                                  | Yes    | 10      | Bassitt, Chris      | .5303 | 128                                            | No     | 16      | Hudson, Tim        | 1.352 |
| 129                                           | No     | 9       | Black, Bud          | 4.269 | 129                                                  | Yes    | 6       | Cease, Dylan        | .5303 | 129                                            | No     | 13      | Appier, Kevin      | 1.353 |
| 130                                           | Yes    | 12      | Darvish, Yu         | 4.273 | 130                                                  | No     | 11      | Harris, Greg A.     | .5303 | 130                                            | No     | 13      | Shields, James     | 1.353 |
| 131                                           | No     | 10      | Duffy, Danny        | 4.273 | 131                                                  | No     | 12      | Beckett, Josh       | .5301 | 131                                            | No     | 12      | Radke, Brad        | 1.354 |
| 132                                           | Yes    | 10      | Paxton, James       | 4.275 | 132                                                  | No     | 7       | Guzman, Jose        | .5294 | 132                                            | No     | 11      | Smiley, John       | 1.354 |
| 133                                           | No     | 18      | Gordon, Tom         | 4.279 | 133                                                  | No     | 9       | Wegman, Bill        | .5290 | 133                                            | No     | 19      | Sabathia, CC       | 1.354 |
| 134                                           | No     | 9       | McDowell, Jack      | 4.280 | 134                                                  | No     | 11      | Blanton, Joe        | .5290 | 134                                            | No     | 14      | Swindell, Greg     | 1.354 |
| 135                                           | No     | 8       | Sutcliffe, Rick     | 4.286 | 135                                                  | No     | 10      | Reynolds, Shane     | .5288 | 135                                            | No     | 12      | Lilly, Ted         | 1.354 |
| 136                                           | No     | 6       | Smith, Bryn         | 4.287 | 136                                                  | No     | 9       | Bedard, Erik        | .5271 | 136                                            | No     | 10      | Nolasco, Ricky     | 1.355 |
| 137                                           | No     | 9       | Hermanson, Dustin   | 4.288 | 137                                                  | No     | 13      | Bumgarner, Madison  | .5265 | 137                                            | No     | 12      | Arroyo, Bronson    | 1.355 |
| 138                                           | No     | 10      | Padilla, Vincente   | 4.289 | 138                                                  | No     | 15      | Oliver, Darren      | .5244 | 138                                            | No     | 13      | Lieber, Jon        | 1.355 |
| 139                                           | Yes    | 12      | Wacha, Michael      | 4.303 | 139                                                  | No     | 8       | Robinson, Don       | .5243 | 139                                            | No     | 12      | Drabek, Doug       | 1.357 |
| 140                                           | Yes    | 11      | Hendricks, Kyle     | 4.322 | 140                                                  | Yes    | 6       | Mikolas, Miles      | .5242 | 140                                            | No     | 18      | Rhodes, Arthur     | 1.357 |
| 141                                           | No     | 13      | Bumgarner, Madison  | 4.323 | 141                                                  | No     | 10      | Gallardo, Yovani    | .5238 | 141                                            | No     | 9       | Chacin, Jhoulys    | 1.357 |
| 142                                           | No     | 9       | Minor, Mike         | 4.324 | 142                                                  | No     | 7       | Show, Eric          | .5238 | 142                                            | Yes    | 10      | Paxton, James      | 1.360 |
| 143                                           | No     | 7       | Billingsley, Chad   | 4.327 | 143                                                  | Yes    | 9       | Snell, Blake        | .5233 | 143                                            | No     | 12      | Schmidt, Jason     | 1.361 |
| 144                                           | No     | 10      | Hellickson, Jeremy  | 4.329 | 144                                                  | No     | 9       | Hurst, Bruce        | .5229 | 144                                            | No     | 11      | Harnisch, Pete     | 1.362 |
| 145                                           | No     | 17      | Wainwright, Adam    | 4.331 | 145                                                  | No     | 12      | Lilly, Ted          | .5226 | 145                                            | No     | 15      | Peavy, Jake        | 1.362 |
| 146                                           | No     | 11      | Anderson, Brett     | 4.336 | 146                                                  | No     | 11      | Smith, Zane         | .5224 | 146                                            | No     | 9       | Black, Bud         | 1.362 |
| 147                                           | No     | 9       | Browning, Tom       | 4.337 | 147                                                  | No     | 9       | Teheran, Julio      | .5223 | 147                                            | No     | 10      | Duffy, Danny       | 1.362 |
| 148                                           | No     | 10      | Norris, Bud         | 4.338 | 148                                                  | Yes    | 10      | Paxton, James       | .5221 | 148                                            | Yes    | 9       | Manaea, Sean       | 1.362 |
| 149                                           | No     | 11      | Ashby, Andy         | 4.344 | 149                                                  | No     | 9       | Young, Chris R.     | .5214 | 149                                            | No     | 10      | Lee, Cliff         | 1.363 |
| 150                                           | No     | 9       | Sheets, Ben         | 4.347 | 150                                                  | Yes    | 10      | Ray, Robbie         | .5211 | 150                                            | No     | 10      | Gallardo, Yovani   | 1.366 |
| 151                                           | Yes    | 9       | Eflin, Zach         | 4.348 | 151                                                  | No     | 14      | Hamels, Cole        | .5207 | 151                                            | No     | 8       | Gullickson, Bill   | 1.367 |
| 152                                           | No     | 10      | Fernandez, Alex     | 4.354 | 152                                                  | Yes    | 10      | Rodon, Carlos       | .5207 | 152                                            | Yes    | 13      | Lynn, Lance        | 1.367 |
| 153                                           | No     | 8       | Archer, Chris       | 4.355 | 153                                                  | No     | 15      | Peavy, Jake         | .5206 | 153                                            | No     | 16      | Sanchez, Anibal    | 1.367 |
| 154                                           | No     | 10      | Sanderson, Scott    | 4.360 | 154                                                  | No     | 20      | Colon, Bartolo      | .5202 | 154                                            | Yes    | 9       | Rodriguez, Eduardo | 1.367 |
| 155                                           | No     | 14      | Burkett, John       | 4.366 | 155                                                  | Yes    | 12      | Gray, Sonny         | .5202 | 155                                            | No     | 10      | Leake, Mike        | 1.367 |
| 156                                           | No     | 13      | Haren, Dan          | 4.368 | 156                                                  | No     | 7       | Roark, Tanner       | .5191 | 156                                            | No     | 9       | Young, Chris R.    | 1.368 |
| 157                                           | No     | 13      | Gross, Kevin        | 4.369 | 157                                                  | No     | 14      | Vazquez, Javier     | .5187 | 157                                            | Yes    | 6       | Webb, Logan        | 1.371 |
| 158                                           | No     | 10      | Floyd, Gavin        | 4.370 | 158                                                  | No     | 11      | Zimmermann, Jordan  | .5187 | 158                                            | No     | 7       | Alexander, Doyle   | 1.372 |
| 159                                           | No     | 9       | Stewart, Dave       | 4.372 | 159                                                  | Yes    | 12      | Quintana, Jose      | .5185 | 159                                            | No     | 11      | Reed, Rick         | 1.373 |
| 160                                           | No     | 13      | Shields, James      | 4.373 | 160                                                  | Yes    | 11      | Smyly, Drew         | .5185 | 160                                            | No     | 20      | Colon, Bartolo     | 1.373 |
| 161                                           | No     | 9       | Hamilton, Joey      | 4.373 | 161                                                  | No     | 10      | Floyd, Gavin        | .5182 | 161                                            | No     | 11      | Castillo, Frank    | 1.374 |
| 162                                           | No     | 12      | Schmidt, Jason      | 4.394 | 162                                                  | No     | 12      | Olivares, Omar      | .5182 | 162                                            | Yes    | 14      | Morton, Charlie    | 1.374 |
| 163                                           | No     | 8       | Lidle, Cory         | 4.395 | 163                                                  | Yes    | 8       | Maeda, Kenta        | .5180 | 163                                            | No     | 14      | Benes, Andy        | 1.375 |
| 164                                           | No     | 15      | Lackey, John        | 4.402 | 164                                                  | No     | 11      | Garza, Matt         | .5174 | 164                                            | Yes    | 6       | Mikolas, Miles     | 1.375 |
| 165                                           | No     | 7       | Alexander, Doyle    | 4.407 | 165                                                  | No     | 15      | Lohse, Kyle         | .5171 | 165                                            | No     | 16      | Lester, Jon        | 1.375 |
| 166                                           | No     | 9       | Davies, Zach        | 4.411 | 166                                                  | No     | 10      | Jackson, Danny      | .5167 | 166                                            | No     | 10      | Floyd, Gavin       | 1.375 |
| 167                                           | Yes    | 13      | Lynn, Lance         | 4.411 | 167                                                  | No     | 9       | Moore, Mike         | .5163 | 167                                            | No     | 9       | Wood, Alex         | 1.376 |
| 168                                           | No     | 8       | Masterson, Justin   | 4.415 | 168                                                  | No     | 10      | Chen, Bruce         | .5159 | 168                                            | No     | 14      | Key, Jimmy         | 1.376 |
| 169                                           | No     | 19      | Sabathia, CC        | 4.422 | 169                                                  | No     | 8       | Gullickson, Bill    | .5158 | 169                                            | No     | 8       | Archer, Chris      | 1.376 |
| 170                                           | No     | 8       | Hanson, Erik        | 4.427 | 170                                                  | No     | 16      | Finley, Chuck       | .5142 | 170                                            | No     | 8       | Danks, John        | 1.378 |
| 171                                           | No     | 9       | Moore, Mike         | 4.430 | 171                                                  | No     | 13      | Suppan, Jeff        | .5139 | 171                                            | No     | 8       | Lidle, Cory        | 1.379 |
| 172                                           | No     | 11      | Dickey, RA          | 4.432 | 172                                                  | No     | 14      | Darwin, Danny       | .5135 | 172                                            | No     | 15      | Lohse, Kyle        | 1.379 |
| 173                                           | No     | 15      | Cueto, Johnny       | 4.432 | 173                                                  | No     | 8       | McDonald, Ben       | .5135 | 173                                            | No     | 20      | Wells, David       | 1.380 |
| 174                                           | No     | 9       | Pineda, Michael     | 4.432 | 174                                                  | No     | 9       | Nomo, Hideo         | .5135 | 174                                            | No     | 14      | Burkett, John      | 1.382 |
| 175                                           | No     | 12      | Drabek, Doug        | 4.434 | 175                                                  | No     | 13      | Lieber, Jon         | .5131 | 175                                            | No     | 9       | Davies, Zach       | 1.383 |
| 176                                           | No     | 12      | Gonzalez, Gio       | 4.435 | 176                                                  | No     | 12      | Arrieta, Jake       | .5130 | 176                                            | No     | 10      | Norris, Bud        | 1.383 |
| 177                                           | Yes    | 8       | Taillon, Jameson    | 4.440 | 177                                                  | No     | 8       | Hanson, Erik        | .5128 | 177                                            | No     | 8       | Baker, Scott       | 1.385 |
| 178                                           | No     | 11      | Zambrano, Carlos    | 4.440 | 178                                                  | No     | 16      | Jackson, Mike       | .5118 | 178                                            | Yes    | 12      | Wacha, Michael     | 1.387 |
| 179                                           | No     | 12      | Carpenter, Chris    | 4.443 | 179                                                  | No     | 11      | McCarthy, Brandon   | .5106 | 179                                            | No     | 13      | Liriano, Francisco | 1.388 |
| 180                                           | No     | 15      | Lohse, Kyle         | 4.447 | 180                                                  | No     | 12      | DeLeon, Jose        | .5093 | 180                                            | No     | 9       | Wegman, Bill       | 1.388 |
| 181                                           | No     | 16      | Lester, Jon         | 4.453 | 181                                                  | No     | 6       | Alcantara, Sandy    | .5085 | 181                                            | No     | 11      | Feldman, Scott     | 1.389 |
| 182                                           | No     | 11      | Zimmermann, Jordan  | 4.454 | 182                                                  | No     | 10      | Norris, Bud         | .5085 | 182                                            | No     | 15      | Williams, Woody    | 1.389 |
| 183                                           | No     | 20      | Colon, Bartolo      | 4.454 | 183                                                  | No     | 9       | Sheets, Ben         | .5085 | 183                                            | No     | 6       | Witt, Mike         | 1.393 |
| 184                                           | No     | 11      | Gubicza, Mark       | 4.459 | 184                                                  | No     | 11      | Zambrano, Carlos    | .5080 | 184                                            | No     | 9       | Boddicker, Mike    | 1.393 |
| 185                                           | No     | 11      | Kazmir, Scott       | 4.460 | 185                                                  | No     | 11      | Hitchcock, Sterling | .5079 | 185                                            | No     | 11      | McCarthy, Brandon  | 1.394 |
| 186                                           | No     | 14      | Benes, Andy         | 4.461 | 186                                                  | No     | 18      | Pettitte, Andy      | .5076 | 186                                            | No     | 13      | Hammel, Jason      | 1.394 |
| 187                                           | No     | 18      | Pettitte, Andy      | 4.462 | 187                                                  | No     | 20      | Wells, David        | .5075 | 187                                            | No     | 22      | Glavine, Tom       | 1.394 |
| 188                                           | No     | 12      | Langston, Mark      | 4.470 | 188                                                  | No     | 14      | Key, Jimmy          | .5071 | 188                                            | No     | 12      | Carpenter, Chris   | 1.395 |
| 189                                           | No     | 9       | Young, Chris R.     | 4.474 | 189                                                  | Yes    | 12      | Wacha, Michael      | .5066 | 189                                            | No     | 7       | Mulder, Mark       | 1.395 |
| 190                                           | No     | 9       | Chacin, Jhoulys     | 4.475 | 190                                                  | No     | 8       | Perez, Melido       | .5065 | 190                                            | No     | 11      | Eldred, Cal        | 1.396 |

| LOWEST ERA, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       | HIGHEST WINNING %, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       | LOWEST WHIP, 1000 IP min<br>Pitchers thru 2025 |        |         |                    |       |
|-----------------------------------------------|--------|---------|--------------------|-------|------------------------------------------------------|--------|---------|--------------------|-------|------------------------------------------------|--------|---------|--------------------|-------|
|                                               | Active | Seasons | Name               | ERA   |                                                      | Active | Seasons | Name               | Win % |                                                | Active | Seasons | Name               | WHIP  |
| 191                                           | No     | 20      | Rogers, Kenny      | 4.481 | 191                                                  | No     | 12      | Belcher, Tim       | .5064 | 191                                            | No     | 12      | Pavano, Carl       | 1.396 |
| 192                                           | No     | 13      | Lieber, Jon        | 4.492 | 192                                                  | No     | 18      | Mulholland, Terry  | .5053 | 192                                            | No     | 22      | Moyer, Jamie       | 1.397 |
| 193                                           | No     | 11      | Keuchel, Dallas    | 4.499 | 193                                                  | No     | 12      | Radke, Brad        | .5048 | 193                                            | No     | 9       | Browning, Tom      | 1.398 |
| 194                                           | No     | 10      | Nolasco, Ricky     | 4.500 | 194                                                  | No     | 8       | Milton, Eric       | .5030 | 194                                            | No     | 10      | Fernandez, Alex    | 1.399 |
| 195                                           | No     | 12      | Samardzija, Jeff   | 4.507 | 195                                                  | No     | 12      | Candiotti, Tom     | .5016 | 195                                            | No     | 8       | Milton, Eric       | 1.400 |
| 196                                           | No     | 7       | Guzman, Jose       | 4.518 | 196                                                  | No     | 8       | Baker, Scott       | .5000 | 196                                            | No     | 11      | Dickey, RA         | 1.400 |
| 197                                           | No     | 12      | Arroyo, Bronson    | 4.525 | 197                                                  | No     | 18      | Gordon, Tom        | .5000 | 197                                            | No     | 8       | McDonald, Ben      | 1.401 |
| 198                                           | No     | 8       | Perez, Melido      | 4.527 | 198                                                  | No     | 13      | Happ, JA           | .5000 | 198                                            | Yes    | 13      | Carrasco, Carlos   | 1.402 |
| 199                                           | No     | 8       | Davis, Storm       | 4.527 | 199                                                  | No     | 14      | Hawkins, LaTroy    | .5000 | 199                                            | Yes    | 6       | Cease, Dylan       | 1.402 |
| 200                                           | No     | 10      | Lee, Cliff         | 4.528 | 200                                                  | No     | 16      | Lester, Jon        | .5000 | 200                                            | Yes    | 13      | Eovaldi, Nathan    | 1.402 |
| 201                                           | No     | 13      | Kennedy, Ian       | 4.531 | 201                                                  | No     | 9       | Wood, Alex         | .5000 | 201                                            | No     | 11      | Byrd, Paul         | 1.404 |
| 202                                           | No     | 10      | Tanana, Frank      | 4.536 | 202                                                  | No     | 13      | Sele, Aaron        | .4978 | 202                                            | No     | 8       | Leibrandt, Charlie | 1.404 |
| 203                                           | No     | 12      | Belcher, Tim       | 4.544 | 203                                                  | No     | 9       | Weaver, Jeff       | .4974 | 203                                            | No     | 9       | Hurst, Bruce       | 1.405 |
| 204                                           | No     | 8       | Baker, Scott       | 4.546 | 204                                                  | Yes    | 10      | Gray, Jonathan     | .4969 | 204                                            | No     | 9       | Nomo, Hideo        | 1.405 |
| 205                                           | No     | 12      | Kile, Darryl       | 4.557 | 205                                                  | No     | 11      | Byrd, Paul         | .4969 | 205                                            | No     | 10      | Reynolds, Shane    | 1.406 |
| 206                                           | No     | 8       | Danks, John        | 4.560 | 206                                                  | No     | 13      | Hill, Rich         | .4968 | 206                                            | No     | 7       | Billingsley, Chad  | 1.407 |
| 207                                           | No     | 11      | Escobar, Kelvim    | 4.567 | 207                                                  | No     | 18      | Rhodes, Arthur     | .4963 | 207                                            | No     | 12      | DeLeon, Jose       | 1.408 |
| 208                                           | No     | 10      | Odorizzi, Jake     | 4.570 | 208                                                  | No     | 16      | Mesa, Jose         | .4961 | 208                                            | No     | 11      | Keuchel, Dallas    | 1.408 |
| 209                                           | No     | 10      | Leake, Mike        | 4.570 | 209                                                  | No     | 13      | Trachsel, Steve    | .4960 | 209                                            | No     | 7       | Clark, Mark        | 1.409 |
| 210                                           | Yes    | 8       | Maeda, Kenta       | 4.571 | 210                                                  | No     | 13      | Gross, Kevin       | .4959 | 210                                            | No     | 12      | Langston, Mark     | 1.411 |
| 211                                           | No     | 14      | Swindell, Greg     | 4.571 | 211                                                  | No     | 12      | Neagle, Denny      | .4956 | 211                                            | No     | 10      | Morris, Matt       | 1.412 |
| 212                                           | No     | 14      | Fassero, Jeff      | 4.574 | 212                                                  | No     | 11      | Smiley, John       | .4956 | 212                                            | No     | 9       | Meche, Gil         | 1.412 |
| 213                                           | No     | 9       | Guzman, Juan       | 4.577 | 213                                                  | No     | 10      | Nolasco, Ricky     | .4951 | 213                                            | No     | 8       | Hanson, Erik       | 1.412 |
| 214                                           | No     | 20      | Wells, David       | 4.588 | 214                                                  | No     | 9       | Sparks, Steve      | .4937 | 214                                            | Yes    | 11      | Smyly, Drew        | 1.413 |
| 215                                           | No     | 10      | Rodriguez, Wandy   | 4.594 | 215                                                  | No     | 12      | Garland, Jon       | .4931 | 215                                            | No     | 11      | Tapani, Kevin      | 1.413 |
| 216                                           | No     | 12      | Radke, Brad        | 4.595 | 216                                                  | No     | 19      | Wakefield, Tim     | .4931 | 216                                            | No     | 8       | Ojeda, Bob         | 1.414 |
| 217                                           | No     | 10      | Morris, Jack       | 4.599 | 217                                                  | No     | 15      | Morgan, Mike       | .4926 | 217                                            | No     | 11      | Anderson, Brett    | 1.414 |
| 218                                           | No     | 9       | Meche, Gil         | 4.608 | 218                                                  | No     | 7       | Alexander, Doyle   | .4924 | 218                                            | No     | 10      | Avery, Steve       | 1.415 |
| 219                                           | No     | 14      | Mercker, Kent      | 4.609 | 219                                                  | No     | 7       | Clark, Mark        | .4924 | 219                                            | No     | 12      | Washburn, Jarrod   | 1.415 |
| 220                                           | No     | 15      | Peavy, Jake        | 4.611 | 220                                                  | No     | 11      | Anderson, Brett    | .4922 | 220                                            | Yes    | 10      | Gray, Jonathan     | 1.416 |
| 221                                           | No     | 15      | Morgan, Mike       | 4.611 | 221                                                  | No     | 14      | Swindell, Greg     | .4921 | 221                                            | Yes    | 8       | Anderson, Tyler    | 1.417 |
| 222                                           | No     | 8       | McDonald, Ben      | 4.620 | 222                                                  | No     | 9       | Silva, Carlos      | .4919 | 222                                            | No     | 11      | Looper, Braden     | 1.417 |
| 223                                           | Yes    | 9       | Rodriguez, Eduardo | 4.626 | 223                                                  | No     | 10      | Nova, Ivan         | .4917 | 223                                            | No     | 10      | Rodriguez, Wandy   | 1.417 |
| 224                                           | No     | 9       | Nagy, Charles      | 4.629 | 224                                                  | No     | 16      | Burnett, AJ        | .4916 | 224                                            | No     | 20      | Rogers, Kenny      | 1.417 |
| 225                                           | No     | 9       | Wegman, Bill       | 4.634 | 225                                                  | No     | 9       | Chacin, Jhoulys    | .4914 | 225                                            | No     | 12      | Belcher, Tim       | 1.417 |
| 226                                           | No     | 16      | Sanchez, Anibal    | 4.644 | 226                                                  | No     | 8       | Contreras, Jose    | .4906 | 226                                            | No     | 12      | Candiotti, Tom     | 1.418 |
| 227                                           | No     | 14      | Key, Jimmy         | 4.651 | 227                                                  | No     | 12      | Pavano, Carl       | .4902 | 227                                            | No     | 11      | Daal, Omar         | 1.420 |
| 228                                           | No     | 7       | Chen, Wei-Yin      | 4.653 | 228                                                  | No     | 12      | Penny, Brad        | .4892 | 228                                            | No     | 18      | Pettitte, Andy     | 1.420 |
| 229                                           | No     | 10      | Jackson, Danny     | 4.656 | 229                                                  | No     | 11      | Swift, Bill        | .4891 | 229                                            | No     | 14      | Dempster, Ryan     | 1.422 |
| 230                                           | No     | 8       | Cook, Aaron        | 4.659 | 230                                                  | No     | 15      | Aguilera, Rick     | .4882 | 230                                            | No     | 12      | Gonzalez, Gio      | 1.423 |
| 231                                           | No     | 12      | Darling, Ron       | 4.660 | 231                                                  | No     | 11      | Kazmir, Scott      | .4881 | 231                                            | No     | 11      | Myers, Brett       | 1.423 |
| 232                                           | No     | 12      | Garland, Jon       | 4.679 | 232                                                  | No     | 14      | Jones, Doug        | .4876 | 232                                            | No     | 11      | Gubicza, Mark      | 1.426 |
| 233                                           | No     | 13      | Zito, Barry        | 4.681 | 233                                                  | Yes    | 13      | Carrasco, Carlos   | .4866 | 233                                            | Yes    | 9       | Snell, Blake       | 1.427 |
| 234                                           | No     | 9       | Bedard, Erik       | 4.684 | 234                                                  | No     | 10      | Duffy, Danny       | .4865 | 234                                            | No     | 8       | Francis, Jeff      | 1.428 |
| 235                                           | No     | 12      | Penny, Brad        | 4.689 | 235                                                  | No     | 15      | Cueto, Johnny      | .4853 | 235                                            | No     | 8       | Cook, Aaron        | 1.428 |
| 236                                           | Yes    | 10      | Ray, Robbie        | 4.693 | 236                                                  | No     | 7       | Mulder, Mark       | .4850 | 236                                            | No     | 14      | Fassero, Jeff      | 1.429 |
| 237                                           | No     | 11      | Reed, Rick         | 4.697 | 237                                                  | No     | 10      | Bosio, Chris       | .4848 | 237                                            | No     | 15      | Oliver, Darren     | 1.430 |
| 238                                           | No     | 13      | Happ, JA           | 4.704 | 238                                                  | No     | 11      | Westbrook, Jake    | .4848 | 238                                            | No     | 9       | Lima, Jose         | 1.433 |
| 239                                           | No     | 11      | Westbrook, Jake    | 4.710 | 239                                                  | No     | 10      | Rodriguez, Wandy   | .4847 | 239                                            | No     | 16      | Burnett, AJ        | 1.433 |
| 240                                           | No     | 11      | Looper, Braden     | 4.711 | 240                                                  | No     | 13      | Shields, James     | .4833 | 240                                            | No     | 5       | Mahler, Rick       | 1.434 |
| 241                                           | No     | 16      | Finley, Chuck      | 4.713 | 241                                                  | No     | 9       | Davies, Zach       | .4832 | 241                                            | Yes    | 12      | Gibson, Kyle       | 1.435 |
| 242                                           | No     | 7       | Mulder, Mark       | 4.719 | 242                                                  | No     | 15      | Lackey, John       | .4830 | 242                                            | No     | 10      | Nova, Ivan         | 1.436 |
| 243                                           | No     | 19      | Wakefield, Tim     | 4.722 | 243                                                  | No     | 11      | Wood, Kerry        | .4830 | 243                                            | No     | 14      | Wolf, Randy        | 1.436 |
| 244                                           | Yes    | 8       | Pivetta, Nick      | 4.723 | 244                                                  | No     | 12      | Tavarez, Julian    | .4828 | 244                                            | No     | 10      | Chen, Bruce        | 1.436 |
| 245                                           | No     | 8       | Clement, Matt      | 4.725 | 245                                                  | Yes    | 12      | Cobb, Alex         | .4821 | 245                                            | No     | 13      | Happ, JA           | 1.437 |
| 246                                           | No     | 10      | Blair, Willie      | 4.725 | 246                                                  | No     | 8       | Fiers, Mike        | .4818 | 246                                            | No     | 11      | Kazmir, Scott      | 1.437 |
| 247                                           | No     | 11      | Feldman, Scott     | 4.736 | 247                                                  | No     | 11      | Myers, Brett       | .4817 | 247                                            | No     | 11      | Westbrook, Jake    | 1.438 |
| 248                                           | No     | 16      | Mesa, Jose         | 4.747 | 248                                                  | No     | 8       | Estrada, Marco     | .4815 | 248                                            | No     | 9       | Bedard, Erik       | 1.440 |
| 249                                           | No     | 22      | Moyer, Jamie       | 4.751 | 249                                                  | No     | 15      | Williams, Woody    | .4812 | 249                                            | No     | 11      | Swift, Bill        | 1.443 |
| 250                                           | No     | 10      | Morris, Matt       | 4.752 | 250                                                  | No     | 10      | Hellickson, Jeremy | .4808 | 250                                            | No     | 11      | Vargas, Jason      | 1.443 |
| 251                                           | No     | 11      | McCarthy, Brandon  | 4.755 | 251                                                  | No     | 13      | Zito, Barry        | .4807 | 251                                            | No     | 18      | Gordon, Tom        | 1.444 |
| 252                                           | Yes    | 13      | Eovaldi, Nathan    | 4.755 | 252                                                  | No     | 9       | Lima, Jose         | .4803 | 252                                            | No     | 8       | Fiers, Mike        | 1.444 |
| 253                                           | No     | 12      | Washburn, Jarrod   | 4.769 | 253                                                  | No     | 12      | Portugal, Mark     | .4785 | 253                                            | No     | 9       | Guthrie, Jeremy    | 1.444 |
| 254                                           | Yes    | 6       | Cease, Dylan       | 4.770 | 254                                                  | No     | 13      | Garcia, Freddy     | .4784 | 254                                            | No     | 15      | Morgan, Mike       | 1.444 |
| 255                                           | No     | 11      | Jimenez, Ubaldo    | 4.772 | 255                                                  | No     | 7       | Tanaka, Masahiro   | .4769 | 255                                            | No     | 11      | Pineiro, Joel      | 1.445 |
| 256                                           | Yes    | 8       | Anderson, Tyler    | 4.773 | 256                                                  | No     | 13      | Miley, Wade        | .4769 | 256                                            | No     | 10      | Hough, Charlie     | 1.445 |
| 257                                           | No     | 12      | Olivares, Omar     | 4.784 | 257                                                  | No     | 10      | Morris, Matt       | .4766 | 257                                            | No     | 10      | Wilson, CJ         | 1.445 |
| 258                                           | No     | 12      | Portugal, Mark     | 4.790 | 258                                                  | No     | 13      | Rueter, Kirk       | .4760 | 258                                            | No     | 11      | Escobar, Kelvim    | 1.445 |
| 259                                           | Yes    | 11      | Smyly, Drew        | 4.792 | 259                                                  | No     | 14      | Batista, Miguel    | .4737 | 259                                            | No     | 10      | Tanana, Frank      | 1.449 |
| 260                                           | Yes    | 10      | Gray, Jonathan     | 4.795 | 260                                                  | No     | 10      | McCaskill, Kirk    | .4737 | 260                                            | No     | 8       | Cashner, Andrew    | 1.450 |
| 261                                           | No     | 15      | Oliver, Darren     | 4.800 | 261                                                  | Yes    | 12      | Gausman, Kevin     | .4732 | 261                                            | No     | 13      | Astacio, Pedro     | 1.452 |
| 262                                           | No     | 11      | Cahill, Trevor     | 4.809 | 262                                                  | No     | 9       | Browning, Tom      | .4722 | 262                                            | No     | 19      | Wakefield, Tim     | 1.453 |
| 263                                           | Yes    | 9       | Snell, Blake       | 4.815 | 263                                                  | No     | 11      | Hentgen, Pat       | .4720 | 263                                            | No     | 13      | Tomko, Brett       | 1.453 |
| 264                                           | No     | 11      | Volquez, Edinson   | 4.816 | 264                                                  | No     | 11      | Cahill, Trevor     | .4714 | 264                                            | No     | 9       | Tillman, Chris     | 1.454 |
| 265                                           | No     | 15      | Williams, Woody    | 4.817 | 265                                                  | No     | 8       | Danks, John        | .4713 | 265                                            | No     | 9       | Stewart, Dave      | 1.455 |
| 266                                           | No     | 10      | Nova, Ivan         | 4.831 | 266                                                  | No     | 13      | Hammel, Jason      | .4713 | 266                                            | No     | 11      | Tewksbury, Bob     | 1.456 |
| 267                                           | No     | 12      | Pavano, Carl       | 4.832 | 267                                                  | No     | 12      | Arroyo, Bronson    | .4703 | 267                                            | No     | 11      | Zambrano, Carlos   | 1.457 |
| 268                                           | No     | 12      | de la Rosa, Jorge  | 4.835 | 268                                                  | No     | 11      | Tewksbury, Bob     | .4700 | 268                                            | No     | 12      | Neagle, Denny      | 1.459 |
| 269                                           | No     | 9       | Guthrie, Jeremy    | 4.837 | 269                                                  | No     | 14      | Mercker, Kent      | .4698 | 269                                            | No     | 10      | Morris, Jack       | 1.460 |
| 270                                           | No     | 11      | Castillo, Frank    | 4.838 | 270                                                  | No     | 13      | Liriano, Francisco | .4686 | 270                                            | No     | 9       | Hamilton, Joey     | 1.461 |
| 271                                           | No     | 11      | Myers, Brett       | 4.840 | 271                                                  | No     | 9       | Hughes, Phil       | .4672 | 271                                            | No     | 12      | Portugal, Mark     | 1.461 |
| 272                                           | No     | 7       | Bonderman, Jeremy  | 4.843 | 272                                                  | No     | 9       | Rapp, Pat          | .4672 | 272                                            | No     | 8       | Contreras, Jose    | 1.462 |
| 273                                           | No     | 12      | Lilly, Ted         | 4.844 | 273                                                  | No     | 18      | Rivera, Mariano    | .4667 | 273                                            | No     | 9       | Nagy, Charles      | 1.464 |
| 274                                           | No     | 16      | Perez, Oliver      | 4.849 | 274                                                  | No     | 5       | Mahler, Rick       | .4661 | 274                                            | No     | 11      | Ashby, Andy        | 1.464 |
| 275                                           | No     | 10      | Reynolds, Shane    | 4.853 | 275                                                  | No     | 8       | Cook, Aaron        | .4656 | 275                                            | No     | 8       | Perez, Melido      | 1.465 |
| 276                                           | No     | 12      | Erickson, Scott    | 4.860 | 276                                                  | No     | 10      | Rusch, Glendon     | .4643 | 276                                            | No     | 7       | Bonderman, Jeremy  | 1.467 |
| 277                                           | No     | 13      | Astacio, Pedro     | 4.866 | 277                                                  | No     | 10      | Capuano, Chris     | .4602 | 277                                            | No     | 11      | Cahill, Trevor     | 1.468 |
| 278                                           | No     | 13      | Hammel, Jason      | 4.867 | 278                                                  | No     | 9       | Minor, Mike        | .4586 | 278                                            | No     | 9       | Weaver, Jeff       | 1.470 |
| 279                                           | No     | 14      | Wolf, Randy        | 4.877 | 279                                                  | No     | 10      | Padilla, Vincente  | .4578 | 279                                            | No     | 13      | Gross, Kevin       | 1.470 |
| 280                                           | No     | 8       | Francis, Jeff      | 4.878 | 280                                                  | No     | 13      | Leiter, Al         | .4573 | 280                                            | No     | 12      | Tavarez, Julian    | 1.470 |
| 281                                           | No     | 16      | Millwood, Kevin    | 4.886 | 281                                                  | No     | 7       | Giolito, Lucas     | .4567 | 281                                            | No     | 12      | Penny, Brad        | 1.472 |
| 282                                           | No     | 11      | Smith, Zane        | 4.894 | 282                                                  | No     | 10      | Stottlemyre, Todd  | .4550 | 282                                            | No     | 7       | Niese, Jonathan    | 1.472 |
| 283                                           | No     | 8       | Deshaias, Jim      | 4.902 | 283                                                  | Yes    | 8       | Fried, Max         | .4538 | 283                                            | No     | 10      | Blair, Willie      | 1.472 |
| 284                                           | No     | 9       | Silva, Carlos      | 4.903 | 284                                                  | No     | 7       | Niese, Jonathan    | .4536 | 284                                            | No     | 16      | Millwood, Kevin    | 1.473 |
| 285                                           | No     | 9       | Tillman, Chris     | 4.906 | 285                                                  | No     | 13      | Hampton, Mike      | .4535 | 285                                            | Yes    | 8       | Corbin, Patrick    | 1.473 |
| 286                                           | No     | 13      | Miley, Wade        | 4.918 | 286                                                  | No     | 7       | Baldwin, James     | .4516 | 286                                            | No     | 12      | Darling, Ron       | 1.475 |

| LOWEST ERA, 1000 IP min<br>Pitchers thru 2025 |        |         |                       |       | HIGHEST WINNING %, 1000 IP min<br>Pitchers thru 2025 |        |         |                       |       | LOWEST WHIP, 1000 IP min<br>Pitchers thru 2025 |        |         |                       |       |
|-----------------------------------------------|--------|---------|-----------------------|-------|------------------------------------------------------|--------|---------|-----------------------|-------|------------------------------------------------|--------|---------|-----------------------|-------|
|                                               | Active | Seasons | Name                  | ERA   |                                                      | Active | Seasons | Name                  | Win % |                                                | Active | Seasons | Name                  | WHIP  |
| 287                                           | No     | 13      | Sele, Aaron           | 4.919 | 287                                                  | No     | 10      | Tanana, Frank         | .4515 | 287                                            | No     | 8       | Perez, Odalis         | 1.475 |
| 288                                           | No     | 8       | Bones, Ricky          | 4.923 | 288                                                  | No     | 10      | Lee, Cliff            | .4493 | 288                                            | No     | 9       | Hernandez, Roberto H. | 1.476 |
| 289                                           | No     | 11      | Pineiro, Joel         | 4.923 | 289                                                  | No     | 10      | Helling, Rick         | .4485 | 289                                            | No     | 11      | Jimenez, Ubaldo       | 1.478 |
| 290                                           | No     | 9       | Weaver, Jeff          | 4.939 | 290                                                  | No     | 8       | Sutcliffe, Rick       | .4481 | 290                                            | No     | 8       | Sutcliffe, Rick       | 1.478 |
| 291                                           | Yes    | 13      | Carrasco, Carlos      | 4.939 | 291                                                  | No     | 7       | Billingsley, Chad     | .4474 | 291                                            | No     | 9       | Moore, Mike           | 1.480 |
| 292                                           | No     | 9       | Nomo, Hideo           | 4.941 | 292                                                  | No     | 14      | Wolf, Randy           | .4458 | 292                                            | No     | 11      | Smith, Zane           | 1.481 |
| 293                                           | No     | 8       | Cashner, Andrew       | 4.942 | 293                                                  | Yes    | 12      | Gibson, Kyle          | .4457 | 293                                            | No     | 12      | Garland, Jon          | 1.482 |
| 294                                           | Yes    | 9       | Manaea, Sean          | 4.946 | 294                                                  | No     | 16      | Millwood, Kevin       | .4448 | 294                                            | No     | 10      | Stottlemyre, Todd     | 1.483 |
| 295                                           | Yes    | 12      | Gibson, Kyle          | 4.947 | 295                                                  | No     | 10      | Hough, Charlie        | .4440 | 295                                            | No     | 16      | Perez, Oliver         | 1.484 |
| 296                                           | No     | 11      | Daal, Omar            | 4.948 | 296                                                  | No     | 9       | Nagy, Charles         | .4439 | 296                                            | No     | 8       | Deshaies, Jim         | 1.488 |
| 297                                           | No     | 12      | Neagle, Denny         | 4.963 | 297                                                  | No     | 6       | Witt, Mike            | .4420 | 297                                            | No     | 12      | Olivares, Omar        | 1.489 |
| 298                                           | No     | 10      | Stottlemyre, Todd     | 4.965 | 298                                                  | No     | 10      | Odorizzi, Jake        | .4416 | 298                                            | No     | 9       | Leiter, Mark          | 1.489 |
| 299                                           | No     | 7       | Niese, Jonathan       | 4.967 | 299                                                  | No     | 12      | Perez, Martin         | .4410 | 299                                            | No     | 13      | Miley, Wade           | 1.489 |
| 300                                           | No     | 10      | Chen, Bruce           | 4.969 | 300                                                  | No     | 14      | Burba, Dave           | .4402 | 300                                            | No     | 12      | Erickson, Scott       | 1.490 |
| 301                                           | No     | 9       | Hernandez, Roberto H. | 4.978 | 301                                                  | No     | 13      | Hernandez, Livan      | .4396 | 301                                            | No     | 10      | Helling, Rick         | 1.491 |
| 302                                           | No     | 11      | Jackson, Edwin        | 4.978 | 302                                                  | No     | 17      | Wright, Jamey         | .4389 | 302                                            | No     | 8       | Masterson, Justin     | 1.493 |
| 303                                           | No     | 8       | Milton, Eric          | 4.981 | 303                                                  | No     | 9       | Ortiz, Russ           | .4375 | 303                                            | No     | 11      | Navarro, Jaime        | 1.493 |
| 304                                           | No     | 8       | Contreras, Jose       | 4.985 | 304                                                  | No     | 16      | Sanchez, Anibal       | .4372 | 304                                            | No     | 14      | Mercker, Kent         | 1.494 |
| 305                                           | No     | 12      | Tavarez, Julian       | 4.999 | 305                                                  | No     | 10      | Morris, Jack          | .4367 | 305                                            | No     | 13      | Garcia, Freddy        | 1.494 |
| 306                                           | No     | 9       | Valenzuela, Fernando  | 5.002 | 306                                                  | No     | 12      | Holland, Derek        | .4364 | 306                                            | No     | 10      | McCaskill, Kirk       | 1.495 |
| 307                                           | No     | 13      | Trachsel, Steve       | 5.004 | 307                                                  | No     | 9       | Guzman, Juan          | .4359 | 307                                            | No     | 9       | Silva, Carlos         | 1.496 |
| 308                                           | No     | 7       | Benson, Kris          | 5.006 | 308                                                  | No     | 8       | Bere, Jason           | .4344 | 308                                            | No     | 13      | Rueter, Kirk          | 1.498 |
| 309                                           | No     | 13      | Marquis, Jason        | 5.014 | 309                                                  | No     | 11      | Feldman, Scott        | .4333 | 309                                            | No     | 12      | Perez, Martin         | 1.499 |
| 310                                           | No     | 7       | Terrell, Walt         | 5.015 | 310                                                  | No     | 13      | Loaiza, Esteban       | .4328 | 310                                            | No     | 13      | Trachsel, Steve       | 1.499 |
| 311                                           | No     | 9       | Leiter, Mark          | 5.017 | 311                                                  | No     | 11      | Porcello, Rick        | .4324 | 311                                            | No     | 12      | de la Rosa, Jorge     | 1.500 |
| 312                                           | No     | 14      | Batista, Miguel       | 5.018 | 312                                                  | Yes    | 7       | Lopez, Pablo          | .4310 | 312                                            | No     | 13      | Marquis, Jason        | 1.500 |
| 313                                           | No     | 12      | Perez, Martin         | 5.025 | 313                                                  | No     | 11      | Jackson, Edwin        | .4309 | 313                                            | No     | 8       | Fogg, Josh            | 1.502 |
| 314                                           | No     | 9       | Johnson, Jason        | 5.026 | 314                                                  | No     | 12      | Drabek, Doug          | .4306 | 314                                            | No     | 13      | Zito, Barry           | 1.503 |
| 315                                           | No     | 11      | Tewksbury, Bob        | 5.033 | 315                                                  | No     | 9       | Maholm, Paul          | .4306 | 315                                            | No     | 13      | Suppan, Jeff          | 1.503 |
| 316                                           | No     | 11      | Vargas, Jason         | 5.040 | 316                                                  | No     | 11      | Looper, Braden        | .4299 | 316                                            | No     | 13      | Sele, Aaron           | 1.504 |
| 317                                           | Yes    | 6       | Mikolas, Miles        | 5.066 | 317                                                  | No     | 9       | Davis, Doug           | .4294 | 317                                            | No     | 8       | Clement, Matt         | 1.504 |
| 318                                           | No     | 9       | Ortiz, Russ           | 5.068 | 318                                                  | No     | 12      | Langston, Mark        | .4281 | 318                                            | No     | 11      | Jackson, Edwin        | 1.505 |
| 319                                           | No     | 9       | Lima, Jose            | 5.071 | 319                                                  | No     | 11      | Anderson, Brian       | .4277 | 319                                            | No     | 7       | Guzman, Jose          | 1.512 |
| 320                                           | No     | 13      | Leiter, Al            | 5.078 | 320                                                  | No     | 12      | de la Rosa, Jorge     | .4277 | 320                                            | No     | 8       | Bones, Ricky          | 1.513 |
| 321                                           | No     | 12      | Alvarez, Wilson       | 5.078 | 321                                                  | No     | 8       | Perez, Odalis         | .4267 | 321                                            | No     | 9       | Guzman, Juan          | 1.514 |
| 322                                           | No     | 11      | Tapani, Kevin         | 5.107 | 322                                                  | No     | 9       | Hernandez, Roberto H. | .4255 | 322                                            | No     | 16      | Mesa, Jose            | 1.514 |
| 323                                           | No     | 11      | Byrd, Paul            | 5.118 | 323                                                  | No     | 11      | Jimenez, Ubaldo       | .4252 | 323                                            | No     | 9       | Jones, Bobby J.       | 1.517 |
| 324                                           | No     | 13      | Hampton, Mike         | 5.131 | 324                                                  | No     | 7       | Kendrick, Kyle        | .4252 | 324                                            | No     | 11      | Hentgen, Pat          | 1.518 |
| 325                                           | No     | 11      | Navarro, Jaime        | 5.138 | 325                                                  | No     | 11      | Pineiro, Joel         | .4239 | 325                                            | No     | 14      | Harang, Aaron         | 1.520 |
| 326                                           | No     | 8       | Perez, Odalis         | 5.139 | 326                                                  | No     | 8       | Cashner, Andrew       | .4237 | 326                                            | No     | 10      | Moehler, Brian        | 1.521 |
| 327                                           | No     | 14      | Harang, Aaron         | 5.174 | 327                                                  | No     | 13      | Marquis, Jason        | .4237 | 327                                            | No     | 13      | Leiter, Al            | 1.523 |
| 328                                           | No     | 11      | Hentgen, Pat          | 5.181 | 328                                                  | No     | 7       | Terrell, Walt         | .4224 | 328                                            | No     | 16      | Finley, Chuck         | 1.524 |
| 329                                           | No     | 8       | Walk, Bob             | 5.195 | 329                                                  | No     | 10      | Bailey, Homer         | .4214 | 329                                            | No     | 11      | Porcello, Rick        | 1.525 |
| 330                                           | No     | 13      | Suppan, Jeff          | 5.198 | 330                                                  | Yes    | 13      | Eovaldi, Nathan       | .4211 | 330                                            | No     | 10      | Jackson, Danny        | 1.526 |
| 331                                           | No     | 10      | Bailey, Homer         | 5.225 | 331                                                  | No     | 9       | Pineda, Michael       | .4211 | 331                                            | No     | 10      | Bailey, Homer         | 1.526 |
| 332                                           | No     | 8       | Saunders, Joe         | 5.229 | 332                                                  | No     | 9       | Guthrie, Jeremy       | .4205 | 332                                            | No     | 11      | Volquez, Edinson      | 1.527 |
| 333                                           | No     | 12      | Gardner, Mark         | 5.242 | 333                                                  | No     | 13      | Tomko, Brett          | .4202 | 333                                            | No     | 7       | Benson, Kris          | 1.529 |
| 334                                           | No     | 13      | Hernandez, Livan      | 5.247 | 334                                                  | No     | 6       | Karl, Scott           | .4180 | 334                                            | No     | 6       | Karl, Scott           | 1.532 |
| 335                                           | No     | 13      | Rueter, Kirk          | 5.256 | 335                                                  | No     | 7       | Bonderman, Jeremy     | .4161 | 335                                            | No     | 12      | Gardner, Mark         | 1.537 |
| 336                                           | No     | 17      | Wright, Jamey         | 5.295 | 336                                                  | No     | 8       | Francis, Jeff         | .4154 | 336                                            | No     | 7       | Terrell, Walt         | 1.537 |
| 337                                           | No     | 7       | Clark, Mark           | 5.311 | 337                                                  | No     | 13      | Witt, Bobby           | .4148 | 337                                            | No     | 13      | Lyles, Jordan         | 1.537 |
| 338                                           | No     | 18      | Mulholland, Terry     | 5.315 | 338                                                  | No     | 12      | Alvarez, Wilson       | .4145 | 338                                            | No     | 9       | Johnson, Jason        | 1.538 |
| 339                                           | No     | 9       | Sparks, Steve         | 5.327 | 339                                                  | Yes    | 9       | Manaea, Sean          | .4135 | 339                                            | No     | 11      | Anderson, Brian       | 1.540 |
| 340                                           | No     | 13      | Garcia, Freddy        | 5.338 | 340                                                  | No     | 9       | Abbott, Jim           | .4121 | 340                                            | No     | 11      | Hitchcock, Sterling   | 1.540 |
| 341                                           | No     | 13      | Loaiza, Esteban       | 5.338 | 341                                                  | No     | 13      | Lyles, Jordan         | .4082 | 341                                            | No     | 12      | Kile, Darryl          | 1.541 |
| 342                                           | No     | 13      | Witt, Bobby           | 5.346 | 342                                                  | No     | 13      | Kennedy, Ian          | .4066 | 342                                            | No     | 13      | Loaiza, Esteban       | 1.541 |
| 343                                           | No     | 9       | Abbott, Jim           | 5.347 | 343                                                  | Yes    | 8       | Pivetta, Nick         | .4065 | 343                                            | No     | 8       | Saunders, Joe         | 1.544 |
| 344                                           | No     | 5       | Mahler, Rick          | 5.364 | 344                                                  | No     | 9       | Leiter, Mark          | .4031 | 344                                            | No     | 12      | Holland, Derek        | 1.546 |
| 345                                           | No     | 12      | Holland, Derek        | 5.366 | 345                                                  | No     | 12      | Darling, Ron          | .3979 | 345                                            | No     | 18      | Mulholland, Terry     | 1.546 |
| 346                                           | Yes    | 8       | Corbin, Patrick       | 5.418 | 346                                                  | No     | 14      | Harang, Aaron         | .3961 | 346                                            | No     | 9       | Maholm, Paul          | 1.547 |
| 347                                           | No     | 8       | Fogg, Josh            | 5.419 | 347                                                  | No     | 11      | Volquez, Edinson      | .3960 | 347                                            | No     | 12      | Alvarez, Wilson       | 1.548 |
| 348                                           | No     | 9       | Maholm, Paul          | 5.421 | 348                                                  | No     | 12      | Gardner, Mark         | .3938 | 348                                            | No     | 9       | Sparks, Steve         | 1.550 |
| 349                                           | No     | 14      | Burba, Dave           | 5.429 | 349                                                  | No     | 9       | Valenzuela, Fernando  | .3920 | 349                                            | No     | 13      | Hernandez, Livan      | 1.551 |
| 350                                           | No     | 10      | Helling, Rick         | 5.439 | 350                                                  | No     | 8       | Redman, Mark          | .3913 | 350                                            | No     | 14      | Batista, Miguel       | 1.554 |
| 351                                           | No     | 13      | Tomko, Brett          | 5.452 | 351                                                  | No     | 9       | Reynoso, Armando      | .3910 | 351                                            | No     | 7       | Kendrick, Kyle        | 1.557 |
| 352                                           | No     | 9       | Jones, Bobby J.       | 5.475 | 352                                                  | No     | 10      | Estes, Shawn          | .3886 | 352                                            | No     | 7       | Baldwin, James        | 1.563 |
| 353                                           | No     | 8       | Fiers, Mike           | 5.486 | 353                                                  | No     | 8       | Deshaies, Jim         | .3865 | 353                                            | No     | 10      | Rusch, Glendon        | 1.566 |
| 354                                           | No     | 9       | Rapp, Pat             | 5.505 | 354                                                  | No     | 10      | Moehler, Brian        | .3864 | 354                                            | No     | 13      | Hampton, Mike         | 1.570 |
| 355                                           | No     | 10      | Duke, Zach            | 5.514 | 355                                                  | No     | 7       | Benson, Kris          | .3858 | 355                                            | No     | 14      | Burba, Dave           | 1.573 |
| 356                                           | No     | 7       | Kendrick, Kyle        | 5.515 | 356                                                  | No     | 9       | Johnson, Jason        | .3856 | 356                                            | No     | 9       | Valenzuela, Fernando  | 1.580 |
| 357                                           | No     | 9       | Davis, Doug           | 5.523 | 357                                                  | No     | 8       | Bones, Ricky          | .3833 | 357                                            | No     | 8       | Walk, Bob             | 1.587 |
| 358                                           | No     | 11      | Porcello, Rick        | 5.616 | 358                                                  | No     | 16      | Perez, Oliver         | .3821 | 358                                            | No     | 9       | Ortiz, Russ           | 1.589 |
| 359                                           | No     | 9       | Reynoso, Armando      | 5.619 | 359                                                  | No     | 10      | Blair, Willie         | .3798 | 359                                            | No     | 9       | Reynoso, Armando      | 1.593 |
| 360                                           | No     | 10      | Moehler, Brian        | 5.625 | 360                                                  | No     | 8       | Pelfrey, Mike         | .3786 | 360                                            | No     | 17      | Wright, Jamey         | 1.599 |
| 361                                           | No     | 7       | Baldwin, James        | 5.627 | 361                                                  | No     | 7       | Chen, Wei-Yin         | .3740 | 361                                            | No     | 9       | Rapp, Pat             | 1.600 |
| 362                                           | No     | 8       | Redman, Mark          | 5.637 | 362                                                  | No     | 11      | Navarro, Jaime        | .3734 | 362                                            | No     | 10      | Duke, Zach            | 1.615 |
| 363                                           | No     | 6       | Karl, Scott           | 5.656 | 363                                                  | No     | 8       | Fogg, Josh            | .3692 | 363                                            | No     | 8       | Redman, Mark          | 1.622 |
| 364                                           | No     | 8       | Bere, Jason           | 5.812 | 364                                                  | No     | 8       | Saunders, Joe         | .3677 | 364                                            | No     | 13      | Witt, Bobby           | 1.624 |
| 365                                           | No     | 10      | Estes, Shawn          | 5.854 | 365                                                  | No     | 8       | Davis, Storm          | .3628 | 365                                            | No     | 9       | Ponson, Sidney        | 1.624 |
| 366                                           | No     | 10      | Rusch, Glendon        | 5.874 | 366                                                  | No     | 9       | Jones, Bobby J.       | .3529 | 366                                            | No     | 9       | Davis, Doug           | 1.640 |
| 367                                           | No     | 8       | Pelfrey, Mike         | 5.904 | 367                                                  | Yes    | 8       | Corbin, Patrick       | .3475 | 367                                            | No     | 9       | Abbott, Jim           | 1.653 |
| 368                                           | No     | 11      | Anderson, Brian       | 5.921 | 368                                                  | No     | 11      | Vargas, Jason         | .3393 | 368                                            | No     | 8       | Davis, Storm          | 1.653 |
| 369                                           | No     | 11      | Hitchcock, Sterling   | 5.970 | 369                                                  | No     | 8       | Walk, Bob             | .3333 | 369                                            | No     | 8       | Pelfrey, Mike         | 1.717 |
| 370                                           | No     | 13      | Lyles, Jordan         | 6.042 | 370                                                  | No     | 9       | Ponson, Sidney        | .3287 | 370                                            | No     | 10      | Estes, Shawn          | 1.726 |
| 371                                           | No     | 9       | Ponson, Sidney        | 6.411 | 371                                                  | No     | 10      | Duke, Zach            | .2727 | 371                                            | No     | 8       | Bere, Jason           | 1.771 |

All qualifiers listed

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