# Worth Charting

#### **MONEY IN MOTION**

October 27, 2023

#### Pretty Ordinary, So Far

- The S&P 500, at its low today, was -10.40% from its intermediate high of three months ago, on Thursday, July 27, 2023.
- This brief report examines all instances where the S&P 500 has declined 5%+... since the inception of the Index in 1927.
- Whether you call it a dip, a decline, a drop, a correction, a giveback, a drawdown, a selloff... is irrelevant. What everyone knows is that "mean reversion" is a normal part of investing. To wit:
- There have been 239 selloffs of 5%+ since 1927
- The <u>median</u> magnitude of all 5%+ selloffs is -8.23%
- The <u>average</u> magnitude of all 5%+ selloffs is -11.83%
- This one, again, as of now, is -10.40%
- As clients will know, our view is/remains that there's more to come; history also suggests so.

Trade well,

-Carter

**Carter Braxton Worth** 



10/27/2023

#### The current selloff:

Start date:Thursday, July 27, 2023Present:Thursday, October 26, 2023

Magnitude: -10.40% Duration: 64 sessions

#### All 5%+ selloffs, summary table:

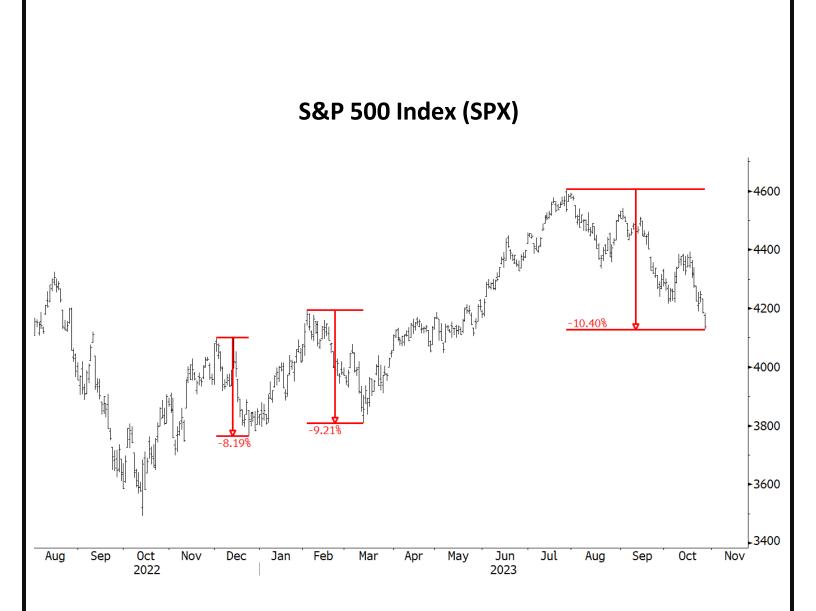
#### S&P 500... 1927 to Present... 5%+ Corrections, Summary

| Number of 5%+ Corrections   | 239               |            |
|---|-------------------|------------|
| Average Time Between 5%+ Corrections  | 62                | 3.1 months |
| Median Time Between 5%+ Corrections   | 42                | 2.1 months |
| Average Magnitude of 5%+ Corrections<br>Median Magnitude of 5%+ Corrections | -11.83%<br>-8.23% |            |
| Average Duration of 5%+ Corrections   | 38                |            |
| Median Duration of 5%+ Corrections  | 21                |            |

So... -10.40% in 64 sessions, compared to the historical median 5%+ decline of -8.23% in 21 sessions. As of now, pretty ordinary...

Source: Worth Charting, Bloomberg, FactSet





Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 14-May-28 | 19-Jun-28 | 25       | -10.27%   | -                                   |
| 30-Nov-28 | 10-Dec-28 | 6        | -8.11%    | 113                                 |
| 1-Feb-29  | 15-Feb-29 | 9        | -5.77%    | 37                                  |
| 15-Mar-29 | 26-Mar-29 | 7        | -6.63%    | 19                                  |
| 3-May-29  | 27-May-29 | 16       | -8.23%    | 27                                  |
| 16-Sep-29 | 13-Nov-29 | 40       | -44.57%   | 77                                  |
| 10-Dec-29 | 20-Dec-29 | 8        | -10.68%   | 17                                  |
| 10-Apr-30 | 24-Jun-30 | 51       | -25.19%   | 76                                  |
| 10-Sep-30 | 16-Dec-30 | 66       | -33.94%   | 54                                  |
| 26-Feb-31 | 2-Jun-31  | 67       | -32.86%   | 48                                  |
| 26-Jun-31 | 5-Oct-31  | 70       | -42.54%   | 18                                  |
| 9-Nov-31  | 1-Jun-32  | 140      | -61.81%   | 23                                  |
| 16-Jun-32 | 8-Jul-32  | 15       | -13.87%   | 11                                  |
| 7-Sep-32  | 27-Feb-33 | 116      | -40.60%   | 42                                  |
| 16-Mar-33 | 31-Mar-33 | 11       | -15.58%   | 6                                   |
| 12-Jun-33 | 15-Jun-33 | 3        | -10.56%   | 49                                  |
| 18-Jul-33 | 21-Jul-33 | 3        | -20.90%   | 22                                  |
| 25-Aug-33 | 19-Oct-33 | 37       | -23.67%   | 25                                  |
| 11-Dec-33 | 21-Dec-33 | 8        | -7.37%    | 35                                  |
| 5-Feb-34  | 26-Jul-34 | 118      | -29.21%   | 30                                  |
| 24-Aug-34 | 17-Sep-34 | 15       | -11.24%   | 21                                  |
| 5-Dec-34  | 20-Dec-34 | 11       | -5.65%    | 53                                  |
| 7-Jan-35  | 14-Mar-35 | 46       | -15.87%   | 10                                  |
| 11-Sep-35 | 2-Oct-35  | 15       | -6.88%    | 125                                 |
| 19-Nov-35 | 16-Dec-35 | 18       | -5.42%    | 32                                  |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 6-Mar-36  | 13-Mar-36 | 5        | -5.70%    | 56                                  |
| 6-Apr-36  | 29-Apr-36 | 16       | -12.77%   | 16                                  |
| 10-Aug-36 | 21-Aug-36 | 9        | -5.43%    | 73                                  |
| 9-Nov-36  | 21-Dec-36 | 28       | -5.88%    | 53                                  |
| 10-Mar-37 | 28-Jun-37 | 76       | -19.01%   | 53                                  |
| 13-Aug-37 | 31-Mar-38 | 158      | -50.78%   | 33                                  |
| 22-Apr-38 | 2-May-38  | 6        | -8.23%    | 15                                  |
| 9-May-38  | 31-May-38 | 15       | -12.79%   | 5                                   |
| 25-Jul-38 | 27-Sep-38 | 45       | -14.14%   | 38                                  |
| 9-Nov-38  | 11-Apr-39 | 102      | -24.44%   | 29                                  |
| 9-Jun-39  | 30-Jun-39 | 15       | -7.97%    | 42                                  |
| 27-Jul-39 | 24-Aug-39 | 20       | -10.84%   | 18                                  |
| 25-Oct-39 | 10-Jun-40 | 155      | -31.95%   | 42                                  |
| 12-Aug-40 | 16-Aug-40 | 4        | -5.20%    | 44                                  |
| 5-Sep-40  | 13-Sep-40 | 6        | -5.67%    | 13                                  |
| 7-Nov-40  | 14-Feb-41 | 66       | -16.33%   | 38                                  |
| 3-Apr-41  | 1-May-41  | 19       | -8.46%    | 34                                  |
| 28-Jul-41 | 28-Apr-42 | 186      | -28.65%   | 60                                  |
| 6-Apr-43  | 13-Apr-43 | 5        | -5.27%    | 236                                 |
| 14-Jul-43 | 29-Nov-43 | 93       | -13.05%   | 63                                  |
| 17-Mar-44 | 24-Apr-44 | 25       | -5.20%    | 78                                  |
| 10-Jul-44 | 14-Sep-44 | 47       | -6.93%    | 53                                  |
| 6-Mar-45  | 26-Mar-45 | 14       | -6.82%    | 116                                 |
| 25-Jun-45 | 26-Jul-45 | 22       | -6.32%    | 63                                  |
| 5-Feb-46  | 26-Feb-46 | 13       | -10.11%   | 128                                 |

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Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 9-May-46  | 9-Oct-46  | 106      | -23.43%   | 51                                  |
| 4-Nov-46  | 22-Nov-46 | 12       | -7.83%    | 18                                  |
| 11-Feb-47 | 19-May-47 | 67       | -14.68%   | 54                                  |
| 24-Jul-47 | 16-Mar-48 | 159      | -14.14%   | 46                                  |
| 15-Jun-48 | 13-Jun-49 | 250      | -20.57%   | 63                                  |
| 12-Jun-50 | 13-Jul-50 | 22       | -13.97%   | 248                                 |
| 24-Nov-50 | 4-Dec-50  | 6        | -6.50%    | 92                                  |
| 3-May-51  | 29-Jun-51 | 40       | -8.11%    | 103                                 |
| 15-Oct-51 | 23-Nov-51 | 26       | -6.08%    | 73                                  |
| 22-Jan-52 | 20-Feb-52 | 20       | -6.37%    | 40                                  |
| 8-Aug-52  | 22-Oct-52 | 51       | -6.85%    | 118                                 |
| 5-Jan-53  | 14-Sep-53 | 176      | -14.82%   | 48                                  |
| 3-Jan-55  | 17-Jan-55 | 10       | -5.90%    | 326                                 |
| 4-Mar-55  | 14-Mar-55 | 6        | -6.82%    | 33                                  |
| 23-Sep-55 | 11-Oct-55 | 12       | -10.59%   | 135                                 |
| 14-Nov-55 | 23-Jan-56 | 47       | -7.11%    | 23                                  |
| 20-Mar-56 | 28-May-56 | 48       | -9.76%    | 40                                  |
| 2-Aug-56  | 12-Feb-57 | 132      | -14.78%   | 46                                  |
| 15-Jul-57 | 22-Oct-57 | 70       | -20.66%   | 105                                 |
| 29-Nov-57 | 18-Dec-57 | 13       | -5.61%    | 26                                  |
| 3-Aug-59  | 22-Sep-59 | 35       | -9.17%    | 409                                 |
| 5-Jan-60  | 8-Mar-60  | 44       | -11.46%   | 71                                  |
| 9-Jun-60  | 27-Jul-60 | 33       | -6.60%    | 65                                  |
| 24-Aug-60 | 25-Oct-60 | 43       | -9.94%    | 20                                  |
| 12-Dec-61 | 29-Jan-62 | 32       | -6.53%    | 283                                 |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 15-Mar-62 | 26-Jun-62 | 71       | -26.37%   | 32                                  |
| 22-Aug-62 | 23-Oct-62 | 43       | -10.52%   | 40                                  |
| 28-Oct-63 | 22-Nov-63 | 18       | -6.54%    | 255                                 |
| 13-May-65 | 28-Jun-65 | 31       | -9.60%    | 369                                 |
| 9-Feb-66  | 7-Oct-66  | 167      | -22.18%   | 157                                 |
| 8-May-67  | 5-Jun-67  | 19       | -6.50%    | 145                                 |
| 25-Sep-67 | 8-Nov-67  | 31       | -6.61%    | 78                                  |
| 12-Jan-68 | 5-Mar-68  | 35       | -9.31%    | 44                                  |
| 11-Jul-68 | 2-Aug-68  | 13       | -5.63%    | 83                                  |
| 29-Nov-68 | 14-Mar-69 | 68       | -9.57%    | 68                                  |
| 14-May-69 | 29-Jul-69 | 51       | -15.71%   | 41                                  |
| 10-Nov-69 | 26-May-70 | 136      | -29.53%   | 73                                  |
| 28-Apr-71 | 23-Nov-71 | 146      | -13.94%   | 234                                 |
| 14-Aug-72 | 16-Oct-72 | 44       | -5.14%    | 183                                 |
| 11-Jan-73 | 3-Oct-74  | 436      | -48.20%   | 58                                  |
| 7-Nov-74  | 6-Dec-74  | 20       | -13.56%   | 25                                  |
| 17-Mar-75 | 7-Apr-75  | 14       | -6.58%    | 68                                  |
| 15-Jul-75 | 16-Sep-75 | 44       | -14.14%   | 69                                  |
| 17-Nov-75 | 5-Dec-75  | 13       | -5.07%    | 44                                  |
| 21-Sep-76 | 10-Nov-76 | 35       | -8.37%    | 200                                 |
| 31-Dec-76 | 6-Mar-78  | 296      | -19.13%   | 35                                  |
| 6-Jun-78  | 5-Jul-78  | 20       | -6.03%    | 64                                  |
| 12-Sep-78 | 14-Nov-78 | 45       | -13.55%   | 48                                  |
| 26-Jan-79 | 27-Feb-79 | 21       | -5.63%    | 50                                  |
| 10-Apr-79 | 14-May-79 | 23       | -5.11%    | 30                                  |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 5-Oct-79  | 7-Nov-79  | 23       | -10.25%   | 101                                 |
| 13-Feb-80 | 27-Mar-80 | 30       | -17.07%   | 67                                  |
| 28-Nov-80 | 19-Feb-81 | 56       | -9.90%    | 170                                 |
| 25-Mar-81 | 25-Sep-81 | 128      | -17.75%   | 24                                  |
| 30-Nov-81 | 8-Mar-82  | 67       | -15.05%   | 45                                  |
| 7-May-82  | 9-Aug-82  | 64       | -14.76%   | 43                                  |
| 21-Oct-82 | 26-Oct-82 | 3        | -6.25%    | 52                                  |
| 10-Nov-82 | 23-Nov-82 | 9        | -7.95%    | 11                                  |
| 8-Dec-82  | 16-Dec-82 | 6        | -6.12%    | 10                                  |
| 12-Jan-83 | 24-Jan-83 | 8        | -6.24%    | 18                                  |
| 22-Jun-83 | 9-Aug-83  | 33       | -7.63%    | 104                                 |
| 11-Oct-83 | 25-Jul-84 | 199      | -14.68%   | 44                                  |
| 14-Sep-84 | 10-Oct-84 | 18       | -5.68%    | 36                                  |
| 7-Nov-84  | 10-Dec-84 | 22       | -5.21%    | 20                                  |
| 17-Jul-85 | 26-Sep-85 | 50       | -8.48%    | 151                                 |
| 8-Jan-86  | 23-Jan-86 | 11       | -5.58%    | 71                                  |
| 27-Mar-86 | 7-Apr-86  | 6        | -5.75%    | 44                                  |
| 22-Apr-86 | 19-May-86 | 19       | -5.32%    | 11                                  |
| 3-Jul-86  | 4-Aug-86  | 21       | -8.31%    | 32                                  |
| 27-Aug-86 | 16-Sep-86 | 13       | -10.20%   | 17                                  |
| 3-Dec-86  | 31-Dec-86 | 19       | -5.33%    | 55                                  |
| 7-Apr-87  | 14-Apr-87 | 5        | -9.21%    | 67                                  |
| 11-May-87 | 20-May-87 | 7        | -7.26%    | 18                                  |
| 25-Aug-87 | 22-Sep-87 | 19       | -8.64%    | 67                                  |
| 2-Oct-87  | 20-Oct-87 | 12       | -34.19%   | 8                                   |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 5-Nov-87  | 4-Dec-87  | 20       | -13.61%   | 12                                  |
| 5-Jan-88  | 21-Jan-88 | 12       | -8.26%    | 20                                  |
| 18-Mar-88 | 19-May-88 | 43       | -8.73%    | 40                                  |
| 22-Jun-88 | 23-Aug-88 | 43       | -7.35%    | 23                                  |
| 24-Oct-88 | 16-Nov-88 | 17       | -7.43%    | 43                                  |
| 10-Oct-89 | 16-Oct-89 | 4        | -9.24%    | 226                                 |
| 3-Jan-90  | 30-Jan-90 | 19       | -11.30%   | 54                                  |
| 16-Apr-90 | 30-Apr-90 | 10       | -5.63%    | 52                                  |
| 13-Jul-90 | 28-Sep-90 | 54       | -19.94%   | 52                                  |
| 6-Dec-90  | 14-Jan-91 | 25       | -7.37%    | 48                                  |
| 17-Apr-91 | 15-May-91 | 20       | -6.50%    | 65                                  |
| 3-Jun-91  | 26-Jun-91 | 17       | -5.51%    | 12                                  |
| 3-Sep-91  | 9-Oct-91  | 26       | -5.35%    | 47                                  |
| 14-Nov-91 | 2-Dec-91  | 11       | -6.75%    | 26                                  |
| 15-Jan-92 | 8-Apr-92  | 59       | -6.83%    | 30                                  |
| 3-Aug-92  | 5-Oct-92  | 44       | -6.66%    | 80                                  |
| 11-Mar-93 | 27-Apr-93 | 33       | -5.17%    | 109                                 |
| 31-Jan-94 | 31-Mar-94 | 42       | -9.67%    | 194                                 |
| 15-Jun-94 | 27-Jun-94 | 8        | -5.05%    | 51                                  |
| 31-Aug-94 | 9-Dec-94  | 70       | -7.27%    | 46                                  |
| 13-Feb-96 | 11-Apr-96 | 40       | -6.04%    | 297                                 |
| 23-May-96 | 16-Jul-96 | 36       | -11.04%   | 30                                  |
| 26-Nov-96 | 17-Dec-96 | 14       | -5.96%    | 94                                  |
| 19-Feb-97 | 14-Apr-97 | 37       | -10.29%   | 43                                  |
| 7-Aug-97  | 18-Aug-97 | 7        | -7.35%    | 81                                  |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 7-Oct-97  | 28-Oct-97 | 15       | -13.00%   | 35                                  |
| 5-Nov-97  | 13-Nov-97 | 6        | -5.16%    | 6                                   |
| 5-Dec-97  | 12-Jan-98 | 24       | -7.44%    | 15                                  |
| 22-Apr-98 | 16-Jun-98 | 38       | -5.15%    | 69                                  |
| 20-Jul-98 | 1-Sep-98  | 31       | -21.05%   | 23                                  |
| 9-Sep-98  | 11-Sep-98 | 2        | -5.64%    | 5                                   |
| 24-Sep-98 | 8-Oct-98  | 10       | -13.39%   | 9                                   |
| 8-Jan-99  | 13-Jan-99 | 3        | -5.59%    | 63                                  |
| 1-Feb-99  | 10-Feb-99 | 7        | -5.59%    | 12                                  |
| 24-Feb-99 | 3-Mar-99  | 5        | -5.29%    | 9                                   |
| 19-Mar-99 | 24-Mar-99 | 3        | -5.09%    | 12                                  |
| 13-Apr-99 | 19-Apr-99 | 4        | -5.71%    | 13                                  |
| 13-May-99 | 2-Jun-99  | 13       | -7.16%    | 18                                  |
| 19-Jul-99 | 18-Oct-99 | 64       | -13.13%   | 32                                  |
| 3-Jan-00  | 28-Feb-00 | 38       | -10.35%   | 53                                  |
| 24-Mar-00 | 14-Apr-00 | 15       | -13.75%   | 19                                  |
| 26-Apr-00 | 24-May-00 | 20       | -8.22%    | 7                                   |
| 17-Jul-00 | 28-Jul-00 | 9        | -6.82%    | 36                                  |
| 1-Sep-00  | 21-Dec-00 | 77       | -18.04%   | 25                                  |
| 31-Jan-01 | 22-Mar-01 | 35       | -21.84%   | 26                                  |
| 27-Mar-01 | 4-Apr-01  | 6        | -7.72%    | 3                                   |
| 22-May-01 | 21-Sep-01 | 81       | -28.21%   | 33                                  |
| 26-Oct-01 | 30-Oct-01 | 2        | -5.13%    | 25                                  |
| 6-Dec-01  | 14-Dec-01 | 6        | -5.01%    | 26                                  |
| 7-Jan-02  | 20-Feb-02 | 30       | -8.72%    | 14                                  |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 19-Mar-02 | 24-Jul-02 | 88       | -33.93%   | 19                                  |
| 22-Aug-02 | 10-Oct-02 | 34       | -20.35%   | 21                                  |
| 2-Dec-02  | 12-Mar-03 | 68       | -17.33%   | 36                                  |
| 17-Jun-03 | 6-Aug-03  | 35       | -5.37%    | 67                                  |
| 5-Mar-04  | 24-Mar-04 | 13       | -6.55%    | 146                                 |
| 6-Apr-04  | 12-May-04 | 25       | -6.45%    | 9                                   |
| 24-Jun-04 | 13-Aug-04 | 35       | -7.47%    | 29                                  |
| 7-Mar-05  | 20-Apr-05 | 31       | -7.56%    | 141                                 |
| 3-Aug-05  | 13-Oct-05 | 50       | -6.23%    | 73                                  |
| 5-May-06  | 13-Jun-06 | 26       | -7.84%    | 140                                 |
| 22-Feb-07 | 14-Mar-07 | 14       | -6.68%    | 174                                 |
| 16-Jul-07 | 16-Aug-07 | 23       | -11.91%   | 85                                  |
| 11-Oct-07 | 17-Mar-08 | 107      | -20.25%   | 39                                  |
| 19-May-08 | 21-Nov-08 | 131      | -48.55%   | 44                                  |
| 6-Jan-09  | 6-Mar-09  | 41       | -29.35%   | 29                                  |
| 26-Mar-09 | 30-Mar-09 | 2        | -6.38%    | 14                                  |
| 17-Apr-09 | 21-Apr-09 | 2        | -5.57%    | 13                                  |
| 8-May-09  | 21-May-09 | 9        | -5.44%    | 13                                  |
| 11-Jun-09 | 8-Jul-09  | 18       | -9.09%    | 14                                  |
| 23-Sep-09 | 2-Oct-09  | 7        | -5.57%    | 54                                  |
| 21-Oct-09 | 2-Nov-09  | 8        | -6.54%    | 13                                  |
| 19-Jan-10 | 5-Feb-10  | 13       | -9.21%    | 42                                  |
| 26-Apr-10 | 1-Jul-10  | 47       | -17.12%   | 54                                  |
| 9-Aug-10  | 31-Aug-10 | 16       | -7.82%    | 26                                  |
| 18-Feb-11 | 16-Mar-11 | 18       | -7.07%    | 119                                 |

Source: Worth Charting, Bloomberg, FactSet



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| Start     | End       | Duration | Magnitude | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|-----------|-------------------------------------|
| 2-May-11  | 16-Jun-11 | 32       | -8.21%    | 32                                  |
| 7-Jul-11  | 4-Oct-11  | 62       | -20.77%   | 14                                  |
| 27-Oct-11 | 25-Nov-11 | 20       | -10.37%   | 17                                  |
| 2-Apr-12  | 4-Jun-12  | 43       | -10.94%   | 87                                  |
| 22-May-13 | 24-Jun-13 | 22       | -7.52%    | 242                                 |
| 15-Jan-14 | 5-Feb-14  | 14       | -6.10%    | 142                                 |
| 9-Sep-14  | 15-Oct-14 | 26       | -9.01%    | 149                                 |
| 5-Dec-14  | 16-Dec-14 | 7        | -5.14%    | 36                                  |
| 29-Dec-14 | 2-Feb-15  | 23       | -5.38%    | 8                                   |
| 20-Jul-15 | 25-Aug-15 | 26       | -12.46%   | 116                                 |
| 17-Sep-15 | 29-Sep-15 | 8        | -7.37%    | 16                                  |
| 2-Dec-15  | 14-Dec-15 | 8        | -5.28%    | 45                                  |
| 29-Dec-15 | 20-Jan-16 | 14       | -12.94%   | 10                                  |
| 1-Feb-16  | 11-Feb-16 | 8        | -7.04%    | 8                                   |
| 23-Jun-16 | 27-Jun-16 | 2        | -5.76%    | 92                                  |
| 23-Aug-16 | 4-Nov-16  | 52       | -5.00%    | 40                                  |
| 26-Jan-18 | 9-Feb-18  | 10       | -11.84%   | 307                                 |
| 21-Sep-18 | 26-Dec-18 | 65       | -20.21%   | 160                                 |
| 1-May-19  | 3-Jun-19  | 22       | -7.63%    | 90                                  |
| 26-Jul-19 | 5-Aug-19  | 6        | -6.80%    | 39                                  |
| 19-Sep-19 | 3-Oct-19  | 10       | -5.49%    | 33                                  |
| 19-Feb-20 | 23-Mar-20 | 23       | -35.41%   | 99                                  |
| 26-Mar-20 | 1-Apr-20  | 4        | -7.19%    | 3                                   |
| 17-Apr-20 | 21-Apr-20 | 2        | -5.28%    | 11                                  |
| 1-May-20  | 4-May-20  | 3        | -5.31%    | 6                                   |

Source: Worth Charting, Bloomberg, FactSet



#### All 5% Corrections in the History of the SPX page 10 of 10

| Start     | End       | Duration | Magnitude      | Time Elapsed<br>Between Corrections |
|-----------|-----------|----------|----------------|-------------------------------------|
| 11-May-20 | 14-May-20 | 3        | -6.03%         | 5                                   |
| 10-Jun-20 | 15-Jun-20 | 5        | -8.27%         | 16                                  |
| 2-Sep-20  | 24-Sep-20 | 15       | -10.55%        | 56                                  |
| 12-Oct-20 | 30-Oct-20 | 14       | -8.90%         | 12                                  |
| 16-Feb-21 | 4-Mar-21  | 12       | -5.75%         | 72                                  |
| 2-Sep-21  | 4-Oct-21  | 21       | -5.87%         | 127                                 |
| 22-Nov-21 | 3-Dec-21  | 8        | -5.24%         | 35                                  |
| 4-Jan-22  | 24-Jan-22 | 13       | -12.37%        | 21                                  |
| 2-Feb-22  | 24-Feb-22 | 15       | -10.46%        | 7                                   |
| 29-Mar-22 | 17-Jun-22 | 56       | -21.57%        | 23                                  |
| 16-Aug-22 | 13-Oct-22 | 41       | -19.28%        | 40                                  |
| 1-Dec-22  | 22-Dec-22 | 15       | -8.19%         | 34                                  |
| 2-Feb-23  | 13-Mar-23 | 26       | -9.21%         | 27                                  |
| 27-Jul-23 | 26-Oct-23 | 64       | -10.40% (as of | now) 94                             |

### Worth Charting

Source: Worth Charting, Bloomberg, FactSet







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