

Run Expectancy Matrix, 2019

via Baseball Prospectus with play-by-play data

| states | 0 | 1 | 2 |
|--------|--------|--------|--------|
| 000 | 0.5439 | 0.2983 | 0.1147 |
| 100 | 0.9345 | 0.5641 | 0.2422 |
| 020 | 1.1465 | 0.7134 | 0.3391 |
| 003 | 1.3685 | 0.9528 | 0.3907 |
| 120 | 1.5371 | 0.9792 | 0.4666 |
| 103 | 1.7591 | 1.2186 | 0.5182 |
| 023 | 1.9711 | 1.3679 | 0.6151 |
| 123 | 2.3617 | 1.6337 | 0.7426 |

Run Expectancy Matrix, 2009

via Baseball Prospectus with play-by-play data

| states | 0 | 1 | 2 |
|--------|--------|--------|--------|
| 000 | 0.5197 | 0.2811 | 0.1048 |
| 100 | 0.8957 | 0.5349 | 0.2290 |
| 020 | 1.1177 | 0.6827 | 0.3253 |
| 003 | 1.3498 | 0.9288 | 0.3797 |
| 120 | 1.4937 | 0.9365 | 0.4495 |
| 103 | 1.7258 | 1.1826 | 0.5039 |
| 023 | 1.9478 | 1.3304 | 0.6002 |
| 123 | 2.3238 | 1.5842 | 0.7244 |

Run Expectancy Matrix, 1999

via Baseball Prospectus with play-by-play data

| states | 0 | 1 | 2 |
|--------|--------|--------|--------|
| 000 | 0.5748 | 0.3069 | 0.1185 |
| 100 | 0.9764 | 0.5784 | 0.2505 |
| 020 | 1.1972 | 0.7247 | 0.3523 |
| 003 | 1.4298 | 0.9825 | 0.4031 |
| 120 | 1.5988 | 0.9962 | 0.4843 |
| 103 | 1.8314 | 1.2540 | 0.5351 |
| 023 | 2.0522 | 1.4003 | 0.6369 |
| 123 | 2.4538 | 1.6718 | 0.7689 |

Run Expectancy Matrix, 1989

via Baseball Prospectus with play-by-play data

| states | 0 | 1 | 2 |
|--------|--------|--------|--------|
| 000 | 0.4651 | 0.2468 | 0.0875 |
| 100 | 0.8424 | 0.4947 | 0.1981 |
| 020 | 1.0652 | 0.6492 | 0.3023 |
| 003 | 1.2949 | 0.9033 | 0.3444 |
| 120 | 1.4425 | 0.8971 | 0.4129 |
| 103 | 1.6722 | 1.1512 | 0.4550 |
| 023 | 1.8950 | 1.3057 | 0.5592 |
| 123 | 2.2723 | 1.5536 | 0.6698 |

Run Expectancy Matrix, 1979

via Baseball Prospectus with play-by-play data

| states | 0 | 1 | 2 |
|--------|--------|--------|--------|
| 000 | 0.5013 | 0.2729 | 0.0986 |
| 100 | 0.8746 | 0.5338 | 0.2235 |
| 020 | 1.0955 | 0.6887 | 0.3305 |
| 003 | 1.3252 | 0.9268 | 0.3825 |
| 120 | 1.4688 | 0.9496 | 0.4554 |
| 103 | 1.6985 | 1.1877 | 0.5074 |
| 023 | 1.9194 | 1.3426 | 0.6144 |
| 123 | 2.2927 | 1.6035 | 0.7393 |

Run Expectancy Matrix, 1969

via Baseball Prospectus with play-by-play data

| states | 0 | 1 | 2 |
|--------|--------|--------|--------|
| 000 | 0.4553 | 0.2419 | 0.0919 |
| 100 | 0.8207 | 0.4818 | 0.2076 |
| 020 | 1.0326 | 0.6387 | 0.3172 |
| 003 | 1.2355 | 0.8422 | 0.3585 |
| 120 | 1.3980 | 0.8786 | 0.4329 |
| 103 | 1.6009 | 1.0821 | 0.4742 |
| 023 | 1.8128 | 1.2390 | 0.5838 |
| 123 | 2.1782 | 1.4789 | 0.6995 |

Run Expectancy Matrix, 2019

via FanGraphs with league wOBA and R/G

| states | 0 | 1 | 2 |
|--------|-------|-------|-------|
| 000 | 0.530 | 0.284 | 0.109 |
| 100 | 0.913 | 0.526 | 0.233 |
| 020 | 1.168 | 0.698 | 0.324 |
| 003 | 1.421 | 0.934 | 0.352 |
| 120 | 1.535 | 0.895 | 0.463 |
| 103 | 1.886 | 1.184 | 0.531 |
| 023 | 2.115 | 1.463 | 0.573 |
| 123 | 2.471 | 1.581 | 0.778 |

Run Expectancy Matrix, 2009

via FanGraphs with league wOBA and R/G

| states | 0 | 1 | 2 |
|--------|-------|-------|-------|
| 000 | 0.532 | 0.289 | 0.115 |
| 100 | 0.923 | 0.543 | 0.246 |
| 020 | 1.172 | 0.710 | 0.339 |
| 003 | 1.424 | 0.953 | 0.366 |
| 120 | 1.538 | 0.921 | 0.484 |
| 103 | 1.894 | 1.203 | 0.546 |
| 023 | 2.106 | 1.472 | 0.602 |
| 123 | 2.445 | 1.605 | 0.811 |

Run Expectancy Matrix, 1999

via FanGraphs with league wOBA and R/G

| states | 0 | 1 | 2 |
|--------|-------|-------|-------|
| 000 | 0.581 | 0.328 | 0.139 |
| 100 | 1.008 | 0.611 | 0.294 |
| 020 | 1.243 | 0.785 | 0.391 |
| 003 | 1.479 | 1.004 | 0.418 |
| 120 | 1.647 | 1.017 | 0.571 |
| 103 | 2.030 | 1.307 | 0.638 |
| 023 | 2.193 | 1.577 | 0.702 |
| 123 | 2.544 | 1.713 | 0.936 |

Run Expectancy Matrix, 1989

via FanGraphs with league wOBA and R/G

| states | 0 | 1 | 2 |
|--------|-------|-------|-------|
| 000 | 0.463 | 0.242 | 0.088 |
| 100 | 0.813 | 0.471 | 0.198 |
| 020 | 1.071 | 0.620 | 0.289 |
| 003 | 1.347 | 0.912 | 0.316 |
| 120 | 1.379 | 0.823 | 0.394 |
| 103 | 1.702 | 1.079 | 0.436 |
| 023 | 1.953 | 1.329 | 0.506 |
| 123 | 2.242 | 1.488 | 0.685 |

Run Expectancy Matrix, 1979

via FanGraphs with league wOBA and R/G

| states | 0 | 1 | 2 |
|--------|-------|-------|-------|
| 000 | 0.516 | 0.278 | 0.108 |
| 100 | 0.896 | 0.524 | 0.233 |
| 020 | 1.148 | 0.687 | 0.325 |
| 003 | 1.406 | 0.941 | 0.352 |
| 120 | 1.501 | 0.894 | 0.460 |
| 103 | 1.849 | 1.172 | 0.519 |
| 023 | 2.072 | 1.438 | 0.575 |
| 123 | 2.402 | 1.575 | 0.777 |

Run Expectancy Matrix, 1969

via FanGraphs with league wOBA and R/G

| states | 0 | 1 | 2 |
|--------|-------|-------|-------|
| 000 | 0.451 | 0.238 | 0.088 |
| 100 | 0.802 | 0.473 | 0.202 |
| 020 | 1.055 | 0.614 | 0.295 |
| 003 | 1.335 | 0.924 | 0.320 |
| 120 | 1.351 | 0.830 | 0.398 |
| 103 | 1.673 | 1.074 | 0.431 |
| 023 | 1.913 | 1.310 | 0.516 |
| 123 | 2.176 | 1.490 | 0.694 |