| **Year** | **Location** | **Species** | **Site** | **# frags** | **1-month % Survival** | **12-month % Survival** | **2024 post-bleaching # dead** | **2024 post-bleaching # missing** | **Fragments Alive before the Bleaching Event** | **Fragments Alive after the Bleaching Event** | **propSurvival** | **propDeadAndMissing** | **Percent Survived** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| State Yr4 | Site AA | ACER | AA\_10 | 500 | 0.992 |  | 484 | 15 | 496.000 | 1 | 0.002016129 | 0.9979839 | 0.2016129 |
| State Yr4 | Site C | ACER | C\_12 | 500 | 0.980 | 0.244 | 261 | 239 | 122.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site C | ACER | C\_9 | 500 | 1.000 | 0.946 | 376 | 124 | 473.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site C | ACER | C\_13 | 500 | 0.998 |  | 482 | 18 | 499.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site Z | ACER | Z\_4 | 500 | 0.996 | 0.858 | 363 | 137 | 429.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site Z | ACER | Z\_5 | 500 | 0.980 | 0.722 | 258 | 242 | 361.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site Z | ACER | Z\_9 | 500 | 0.966 |  | 472 | 28 | 483.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site Z | ACER | Z\_7 | 500 | 1.000 | 0.528 | 325 | 175 | 264.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site V | ACER | V\_9 | 500 | 0.984 | 0.524 | 313 | 187 | 262.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site V | ACER | V\_6 | 500 | 0.948 | 0.762 | 300 | 200 | 381.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site V | ACER | V\_10 | 500 | 0.888 |  | 446 | 54 | 444.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Q (American) | ACER | Q\_12 | 500 | 0.988 | 0.848 | 365 | 135 | 424.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Q (American) | ACER | Q\_16 | 500 | 0.980 |  | 465 | 35 | 490.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Joes Reef (AB) | ACER | AB\_8 | 500 | 1.000 |  | 444 | 56 | 500.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Joes Reef (AB) | ACER | AB\_3 | 500 | 0.996 | 0.874 | 306 | 194 | 437.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Joes Reef (AB) | ACER | AB\_5 | 500 | 0.866 | 0.450 | 309 | 191 | 225.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Joes Reef (AB) | ACER | AB\_7 | 500 | 0.972 |  | 461 | 39 | 486.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Joes Reef (AB) | ACER | AB\_4 | 500 | 0.944 | 0.730 | 257 | 243 | 365.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | East of MS (AC) | ACER | AC\_1 | 500 | 0.944 | 0.772 | 320 | 180 | 386.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | East of MS (AC) | ACER | AC\_3 | 500 | 0.962 | 0.550 | 327 | 173 | 275.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | East of MS (AC) | ACER | AC\_4 | 500 | 0.978 |  | 488 | 12 | 489.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Maryland Shoals | ACER | MS\_1 | 500 | 1.000 | 0.906 | 347 | 153 | 453.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Maryland Shoals | ACER | MS\_3 | 500 | 0.988 |  | 475 | 25 | 494.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Maryland Shoals | ACER | MS\_2 | 500 | 0.962 | 0.510 | 294 | 206 | 255.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Site AD | ACER | AD\_2 | 500 | 0.996 | 0.342 | 168 | 332 | 171.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | I Owe You (AE) | ACER | AE\_1 | 500 | 0.960 | 0.504 | 277 | 223 | 252.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | Pelican Shoals | ACER | PS\_2 | 500 | 1.000 |  | 444 | 56 | 500.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | West of Pelican | ACER | BE\_1 | 500 | 0.996 |  | 480 | 20 | 498.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | W. Sambo | ACER | WS\_2 | 500 | 0.974 | 0.358 | 184 | 316 | 179.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | X (Hugs&Kisses) | ACER | X\_5 | 500 | 0.970 | 0.446 | 230 | 270 | 223.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | M32 | ACER | M32\_4 | 500 | 0.966 | 0.248 | 283 | 216 | 124.000 | 1 | 0.008064516 | 0.9919355 | 0.8064516 |
| State Yr6 | BA (9-Ft. Stake) | ACER | BA\_2 | 500 | 0.836 | 0.730 | 334 | 166 | 365.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | T (EDR) | ACER | T\_19 | 700 | 0.831 | 0.041 | 644 | 56 | 28.700 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | T (EDR) | ACER | T\_21 | 600 | 0.960 |  | 538 | 43 | 576.000 | 19 | 0.032986111 | 0.9670139 | 3.2986111 |
| State Yr6 | T (EDR) | ACER | T\_22 | 550 | 0.990 |  | 465 | 85 | 544.500 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | T (EDR) | ACER | T\_20 | 700 | 0.840 |  | 668 | 32 | 588.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | T (EDR) | ACER | T\_25 | 500 | 0.270 |  | 459 | 41 | 135.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | T (EDR) | ACER | T\_24 | 500 | 0.720 |  | 481 | 19 | 360.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | T (EDR) | ACER | T\_23 | 500 | 0.970 |  | 485 | 1 | 485.000 | 14 | 0.028865979 | 0.9711340 | 2.8865979 |
| State Yr6 | T (EDR) | ACER | T\_17 | 500 | 0.942 | 0.336 | 270 | 230 | 168.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | S (Sand Key) | ACER | S\_14b | 200 | 0.995 | 0.410 | 92 | 108 | 82.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | S (Sand Key) | ACER | S\_13 | 500 | 0.998 | 0.830 | 289 | 210 | 415.000 | 1 | 0.002409639 | 0.9975904 | 0.2409639 |
| State Yr6 | SK Nursery Reef (BB) | ACER | BB\_4 | 500 | 0.886 | 0.470 | 265 | 230 | 235.000 | 5 | 0.021276596 | 0.9787234 | 2.1276596 |
| State Yr6 | BC (WEDR) | ACER | BC\_4 | 500 | 0.992 | 0.232 | 228 | 272 | 116.000 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | Site V | APAL | V\_AP\_3 | 265 | 0.981 | 0.023 | 178 | 84 | 6.095 | 3 | 0.492206727 | 0.5077933 | 49.2206727 |
| State Yr4 | Site Z | APAL | Z\_AP\_3 | 500 | 0.884 | 0.802 | 386 | 109 | 401.000 | 5 | 0.012468828 | 0.9875312 | 1.2468828 |
| State Yr4 | S (Sand Key) | APAL | S\_AP\_3 | 390 | 0.838 | 0.521 | 251 | 139 | 203.190 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr4 | S (Sand Key) | APAL | S\_AP\_4 | 345 | 0.826 | 0.748 | 200 | 142 | 258.060 | 3 | 0.011625203 | 0.9883748 | 1.1625203 |
| State Yr5 | Q (American) | APAL | Q\_AP\_5 | 480 | 0.975 | 0.635 | 432 | 48 | 304.800 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | WS (W. Sambo) | APAL | WS\_AP\_1 | 300 | 1.000 | 0.227 | 268 | 32 | 68.100 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr5 | WS (W. Sambo) | APAL | WS\_AP\_2 | 1,090 | 0.968 | 0.638 | 911 | 178 | 695.420 | 1 | 0.001437980 | 0.9985620 | 0.1437980 |
| State Yr5 | WS (W. Sambo) | APAL | WS\_AP\_3b | 725 | 0.956 | 0.619 | 615 | 87 | 448.775 | 23 | 0.051250627 | 0.9487494 | 5.1250627 |
| State Yr6 | W (Looe) | APAL | W\_AP\_15 | 504 | 0.984 |  | 422 | 82 | 495.936 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | W (Looe) | APAL | W\_AP\_16 | 604 | 0.970 |  | 514 | 90 | 585.880 | 0 | 0.000000000 | 1.0000000 | 0.0000000 |
| State Yr6 | W (Looe) | APAL | W\_AP\_17b | 712 | 0.989 |  | 623 | 88 | 704.168 | 1 | 0.001420116 | 0.9985799 | 0.1420116 |
| State Yr6 | ES (E. Sambo) | APAL | ES\_AP\_1 | 1,200 | 0.975 |  | 1,101 | 71 | 1,170.000 | 28 | 0.023931624 | 0.9760684 | 2.3931624 |
| State Yr1 | Higgs Heads | MSVS | HH\_M\_1 | 240 | 1.000 | 0.996 |  |  | 239.040 | 184 | 0.769745649 | 0.2302544 | 76.9745649 |
| State Yr3 | Catspaw | MSVS | CP\_M\_1 | 345 | 0.899 | 0.780 |  |  | 269.100 | 177 | 0.657748049 | 0.3422520 | 65.7748049 |
| State Yr3 | Site V | MSVS | ENZ\_M\_1 | 105 | 1.000 | 0.981 |  |  | 103.005 | 51 | 0.495121596 | 0.5048784 | 49.5121596 |
| State Yr3 | Catspaw | MSVS | CP\_M\_2 | 150 | 0.987 | 0.893 |  |  | 133.950 | 107 | 0.798805524 | 0.2011945 | 79.8805524 |