

| Water Temperature Ranges for Popular Game Fish | | | |
|---|------------------------|----------------|------------------------|
| Species | Lower Avoidance | Optimum | Upper Avoidance |
| Amberjack | 60 | 65 - 75 | 80+ |
| Atlantic Bonito | 60 | 65 - 75 | 80+ |
| Atlantic Cod | 31 | 44 - 49 | 59 |
| Atlantic Mackerel | 40 | 45 - 55 | 70 |
| Barracuda | 55 | 72 - 80 | 86 |
| Bigeye Tuna | 52 | 62 - 74 | 80 |
| Blackfin Tuna | 65 | 70 - 75 | 82 |
| Black Marlin | 68 | 72 - 82 | 87 |
| Bluefin Tuna | 50 | 60 - 72 | 82 |
| Bluefish | 50 | 66 - 72 | 84 |
| Blue Marlin | 70 | 74 - 82 | 88 |
| Bonfish | 60 | 72 - 84 | 92+ |
| Chinook (King) Salmon | 44 | 50 - 56 | 60 |
| Coho (Silver) Salmon | 44 | 52 - 58 | 62 |
| Dolphin | 70 | 72 - 78 | 82 |
| Haddock | 36 | 42 - 48 | 52 |
| Jack Crevalle | 65 | 70 - 85 | 90 |
| Kelp Bass | 62 | 64 - 68 | 72 |
| King Mackerel | 65 | 68 - 76 | 88 |
| Permit | 70 | 75 - 85 | 92 |
| Pollock | 33 | 40 - 50 | 60 |
| Pompano | 65 | 70 - 82 | 85+ |
| Red Drum (Channel Bass) | 52 | 70 - 90 | 90+ |
| Red Snapper | 50 | 55 - 65 | 70+ |
| Sailfish | 68 | 72 - 82 | 88 |
| Skipjack Tuna | 50 | 55 - 65 | 70+ |
| Snook | 60 | 70 - 82 | 90 |
| Spotted Seatrout | 48 | 66 - 82 | 90 |
| Striped Bass | 50 | 55 - 65 | 75 |
| Striped Marlin | 61 | 68 - 76 | 80 |
| Summer Flounder (Fluke) | 56 | 62 - 66 | 72 |
| Swordfish | 50 | 60 - 75 | 80 |
| Tarpon | 70 | 75 - 90 | 100+ |
| Tautog | 45 | 50 - 60 | 76 |
| Weakfish | 45 | 56 - 68 | 78 |
| White Marlin | 65 | 68 - 78 | 80+ |
| White Seabass | 58 | 64 - 68 | 74 |
| Winter Flounder | 35 | 48 - 52 | 64 |
| Yellowfin Tuna | 64 | 72 - 82 | 80 |
| Yellowtail (Pacific) | 60 | 62 - 66 | 70 |

| Baitfish Temps | | | |
|-----------------------|------------------------|----------------|------------------------|
| Species | Lower Avoidance | Optimum | Upper Avoidance |
| Atlantic Silverside | U/K | U/K | 90 |
| Atlantic Threadfin | U/K | U/K | 92 |
| Ballyhoo | 62 | 70 - 80 | 85 |
| Bay Anchovy | U/K | 82 | 92 |
| California Grunion | 68 | 77 | 93 |
| Gulf Grunion | 68 | 89 | 98 |
| Gulf Menhaden | U/K | U/K | 86 |
| Mullet | 55 | 70 - 85 | 92+ |
| Pacific Silverside | 72 | 77 | 82 |
| Rough Silverside | U/K | U/K | 91 |
| Skipjack Herring | 72 | U/K | 84 |
| Spot | U/K | U/K | 99 |
| Tidewater Silverside | U/K | U/K | 93 |

+ indicates higher temperatures possible.