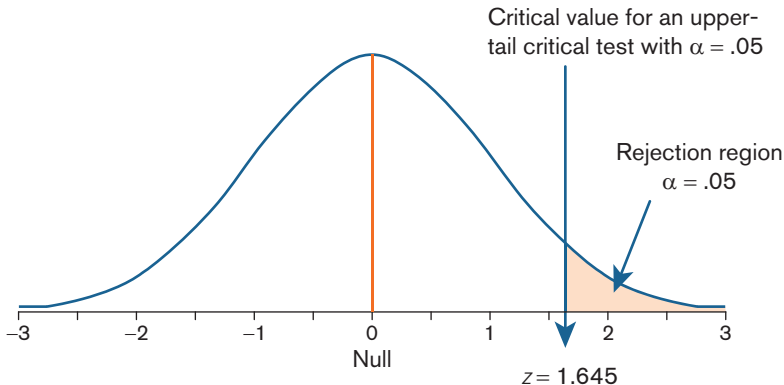


**FIGURE 8.6**

The Critical Value (1.645) for a Directional (upper-tail critical) Hypothesis Test at a .05 Level of Significance



When the test statistic exceeds 1.645, we reject the null hypothesis; otherwise, we retain the null hypothesis.