

**STANDARD NORMAL DISTRIBUTION: Table Values Represent AREA to the LEFT of the Z score.**

| <b>Z</b>    | <b>.00</b> | <b>.01</b> | <b>.02</b> | <b>.03</b> | <b>.04</b> | <b>.05</b> | <b>.06</b> | <b>.07</b> | <b>.08</b> | <b>.09</b> |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>-3.9</b> | .00005     | .00005     | .00004     | .00004     | .00004     | .00004     | .00004     | .00004     | .00003     | .00003     |
| <b>-3.8</b> | .00007     | .00007     | .00007     | .00006     | .00006     | .00006     | .00006     | .00005     | .00005     | .00005     |
| <b>-3.7</b> | .00011     | .00010     | .00010     | .00010     | .00009     | .00009     | .00008     | .00008     | .00008     | .00008     |
| <b>-3.6</b> | .00016     | .00015     | .00015     | .00014     | .00014     | .00013     | .00013     | .00012     | .00012     | .00011     |
| <b>-3.5</b> | .00023     | .00022     | .00022     | .00021     | .00020     | .00019     | .00019     | .00018     | .00017     | .00017     |
| <b>-3.4</b> | .00034     | .00032     | .00031     | .00030     | .00029     | .00028     | .00027     | .00026     | .00025     | .00024     |
| <b>-3.3</b> | .00048     | .00047     | .00045     | .00043     | .00042     | .00040     | .00039     | .00038     | .00036     | .00035     |
| <b>-3.2</b> | .00069     | .00066     | .00064     | .00062     | .00060     | .00058     | .00056     | .00054     | .00052     | .00050     |
| <b>-3.1</b> | .00097     | .00094     | .00090     | .00087     | .00084     | .00082     | .00079     | .00076     | .00074     | .00071     |
| <b>-3.0</b> | .00135     | .00131     | .00126     | .00122     | .00118     | .00114     | .00111     | .00107     | .00104     | .00100     |
| <b>-2.9</b> | .00187     | .00181     | .00175     | .00169     | .00164     | .00159     | .00154     | .00149     | .00144     | .00139     |
| <b>-2.8</b> | .00256     | .00248     | .00240     | .00233     | .00226     | .00219     | .00212     | .00205     | .00199     | .00193     |
| <b>-2.7</b> | .00347     | .00336     | .00326     | .00317     | .00307     | .00298     | .00289     | .00280     | .00272     | .00264     |
| <b>-2.6</b> | .00466     | .00453     | .00440     | .00427     | .00415     | .00402     | .00391     | .00379     | .00368     | .00357     |
| <b>-2.5</b> | .00621     | .00604     | .00587     | .00570     | .00554     | .00539     | .00523     | .00508     | .00494     | .00480     |
| <b>-2.4</b> | .00820     | .00798     | .00776     | .00755     | .00734     | .00714     | .00695     | .00676     | .00657     | .00639     |
| <b>-2.3</b> | .01072     | .01044     | .01017     | .00990     | .00964     | .00939     | .00914     | .00889     | .00866     | .00842     |
| <b>-2.2</b> | .01390     | .01355     | .01321     | .01287     | .01255     | .01222     | .01191     | .01160     | .01130     | .01101     |
| <b>-2.1</b> | .01786     | .01743     | .01700     | .01659     | .01618     | .01578     | .01539     | .01500     | .01463     | .01426     |
| <b>-2.0</b> | .02275     | .02222     | .02169     | .02118     | .02068     | .02018     | .01970     | .01923     | .01876     | .01831     |
| <b>-1.9</b> | .02872     | .02807     | .02743     | .02680     | .02619     | .02559     | .02500     | .02442     | .02385     | .02330     |
| <b>-1.8</b> | .03593     | .03515     | .03438     | .03362     | .03288     | .03216     | .03144     | .03074     | .03005     | .02938     |
| <b>-1.7</b> | .04457     | .04363     | .04272     | .04182     | .04093     | .04006     | .03920     | .03836     | .03754     | .03673     |
| <b>-1.6</b> | .05480     | .05370     | .05262     | .05155     | .05050     | .04947     | .04846     | .04746     | .04648     | .04551     |
| <b>-1.5</b> | .06681     | .06552     | .06426     | .06301     | .06178     | .06057     | .05938     | .05821     | .05705     | .05592     |
| <b>-1.4</b> | .08076     | .07927     | .07780     | .07636     | .07493     | .07353     | .07215     | .07078     | .06944     | .06811     |
| <b>-1.3</b> | .09680     | .09510     | .09342     | .09176     | .09012     | .08851     | .08691     | .08534     | .08379     | .08226     |
| <b>-1.2</b> | .11507     | .11314     | .11123     | .10935     | .10749     | .10565     | .10383     | .10204     | .10027     | .09853     |
| <b>-1.1</b> | .13567     | .13350     | .13136     | .12924     | .12714     | .12507     | .12302     | .12100     | .11900     | .11702     |
| <b>-1.0</b> | .15866     | .15625     | .15386     | .15151     | .14917     | .14686     | .14457     | .14231     | .14007     | .13786     |
| <b>-0.9</b> | .18406     | .18141     | .17879     | .17619     | .17361     | .17106     | .16853     | .16602     | .16354     | .16109     |
| <b>-0.8</b> | .21186     | .20897     | .20611     | .20327     | .20045     | .19766     | .19489     | .19215     | .18943     | .18673     |
| <b>-0.7</b> | .24196     | .23885     | .23576     | .23270     | .22965     | .22663     | .22363     | .22065     | .21770     | .21476     |
| <b>-0.6</b> | .27425     | .27093     | .26763     | .26435     | .26109     | .25785     | .25463     | .25143     | .24825     | .24510     |
| <b>-0.5</b> | .30854     | .30503     | .30153     | .29806     | .29460     | .29116     | .28774     | .28434     | .28096     | .27760     |
| <b>-0.4</b> | .34458     | .34090     | .33724     | .33360     | .32997     | .32636     | .32276     | .31918     | .31561     | .31207     |
| <b>-0.3</b> | .38209     | .37828     | .37448     | .37070     | .36693     | .36317     | .35942     | .35569     | .35197     | .34827     |
| <b>-0.2</b> | .42074     | .41683     | .41294     | .40905     | .40517     | .40129     | .39743     | .39358     | .38974     | .38591     |
| <b>-0.1</b> | .46017     | .45620     | .45224     | .44828     | .44433     | .44038     | .43644     | .43251     | .42858     | .42465     |
| <b>-0.0</b> | .50000     | .49601     | .49202     | .48803     | .48405     | .48006     | .47608     | .47210     | .46812     | .46414     |

