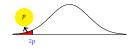
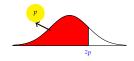
## 표준정규분포표 ( $P[Z \le z]$ )



|      | .00    | .01    | .02     | .03     | .04     | .05     | .06    | .07    | .08    | .09    |
|------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|
| -4.0 | .00003 | .00003 | .00003  | .00003  | .00003  | .00003  | .00002 | .00002 | .00002 | .00002 |
| -3.9 | .00005 | .00005 | .00004  | .00004  | .00004  | .00004  | .00004 | .00004 | .00003 | .00003 |
| -3.8 | .00007 | .00007 | .00007  | .00006  | .00006  | .00006  | .00006 | .00005 | .00005 | .00005 |
| -3.7 | .00011 | .00010 | .00010  | .00010  | .00009  | .00009  | .00008 | .00008 | .00008 | .00008 |
| -3.6 | .00016 | .00015 | .00015  | .00014  | .00014  | .00013  | .00013 | .00012 | .00012 | .00011 |
| -3.5 | .00023 | .00022 | .00022  | .00021  | .00020  | .00019  | .00019 | .00018 | .00017 | .00017 |
| -3.4 | .00034 | .00032 | .00031  | .00030  | .00029  | .00028  | .00027 | .00026 | .00025 | .00024 |
| -3.3 | .00048 | .00047 | .00045  | .00043  | .00042  | .00040  | .00039 | .00038 | .00036 | .00035 |
| -3.2 | .00069 | .00066 | .00064  | .00062  | .00060  | .00058  | .00056 | .00054 | .00052 | .00050 |
| -3.1 | .00097 | .00094 | .00090  | .00087  | .00084  | .00082  | .00079 | .00076 | .00074 | .00071 |
| -3.0 | .00135 | .00131 | .00126  | .00122  | .00118  | .00114  | .00111 | .00107 | .00104 | .00100 |
|      |        |        |         |         |         |         |        |        |        |        |
| -2.9 | .00187 | .00181 | .00175  | .00169  | .00164  | .00159  | .00154 | .00149 | .00144 | .00139 |
| -2.8 | .00256 | .00248 | .00240  | .00233  | .00226  | .00219  | .00212 | .00205 | .00199 | .00193 |
| -2.7 | .00347 | .00336 | .00326  | .00317  | .00307  | .00298  | .00289 | .00280 | .00272 | .00264 |
| -2.6 | .00466 | .00453 | .00440  | .00427  | .00415  | .00402  | .00391 | .00379 | .00368 | .00357 |
| -2.5 | .00621 | .00604 | .00587  | .00570  | .00554  | .00539  | .00523 | .00508 | .00494 | .00480 |
| -2.4 | .00820 | .00798 | .00776  | .00755  | .00734  | .00714  | .00695 | .00676 | .00657 | .00639 |
| -2.3 | .01072 | .01044 | .01017  | .00990  | .00964  | .00939  | .00914 | .00889 | .00866 | .00842 |
| -2.2 | .01390 | .01355 | .01321  | .01287  | .01255  | .01222  | .01191 | .01160 | .01130 | .01101 |
| -2.1 | .01786 | .01743 | .01700  | .01659  | .01618  | .01578  | .01539 | .01500 | .01463 | .01426 |
| -2.0 | .02275 | .02222 | .02169  | .02118  | .02068  | .02018  | .01970 | .01923 | .01876 | .01831 |
|      |        |        |         |         |         |         |        |        |        |        |
| -1.9 | .02872 | .02807 | .02743  | .02680  | .02619  | .02559  | .02500 | .02442 | .02385 | .02330 |
| -1.8 | .03593 | .03515 | .03438  | .03362  | .03288  | .03216  | .03144 | .03074 | .03005 | .02938 |
| -1.7 | .04457 | .04363 | .04272  | .04182  | .04093  | .04006  | .03920 | .03836 | .03754 | .03673 |
| -1.6 | .05480 | .05370 | .05262  | .05155  | .05050  | .04947  | .04846 | .04746 | .04648 | .04551 |
| -1.5 | .06681 | .06552 | .06426  | .06301  | .06178  | .06057  | .05938 | .05821 | .05705 | .05592 |
| -1.4 | .08076 | .07927 | .07780  | .07636  | .07493  | .07353  | .07215 | .07078 | .06944 | .06811 |
| -1.3 | .09680 | .09510 | .09342  | .09176  | .09012  | .08851  | .08692 | .08534 | .08379 | .08226 |
| -1.2 | .11507 | .11314 | .11123  | .10935  | .10749  | .10565  | .10383 | .10204 | .10027 | .09853 |
| -1.1 | .13567 | .13350 | .13136  | .12924  | .12714  | .12507  | .12302 | .12100 | .11900 | .11702 |
| -1.0 | .15866 | .15625 | .15386  | .15151  | .14917  | .14686  | .14457 | .14231 | .14007 | .13786 |
|      | 40:5:  | 40     | <b></b> | <b></b> | <b></b> | <b></b> |        |        |        |        |
| -0.9 | .18406 | .18141 | .17879  | .17619  | .17361  | .17106  | .16853 | .16602 | .16354 | .16109 |
| -0.8 | .21186 | .20897 | .20611  | .20327  | .20045  | .19766  | .19489 | .19215 | .18943 | .18673 |
| -0.7 | .24196 | .23885 | .23576  | .23270  | .22965  | .22663  | .22363 | .22065 | .21770 | .21476 |
| -0.6 | .27425 | .27093 | .26763  | .26435  | .26109  | .25785  | .25463 | .25143 | .24825 | .24510 |
| -0.5 | .30854 | .30503 | .30153  | .29806  | .29460  | .29116  | .28774 | .28434 | .28096 | .27760 |
| -0.4 | .34458 | .34090 | .33724  | .33360  | .32997  | .32636  | .32276 | .31918 | .31561 | .31207 |
| -0.3 | .38209 | .37828 | .37448  | .37070  | .36693  | .36317  | .35942 | .35569 | .35197 | .34827 |
| -0.2 | .42074 | .41683 | .41294  | .40905  | .40517  | .40129  | .39743 | .39358 | .38974 | .38591 |
| -0.1 | .46017 | .45620 | .45224  | .44828  | .44433  | .44038  | .43644 | .43251 | .42858 | .42465 |
| 0.0  | .50000 | .49601 | .49202  | .48803  | .48405  | .48006  | .47608 | .47210 | .46812 | .46414 |

## 표준정규분포표 ( $P[Z \le z]$ )



|            | .00              | .01              | .02              | .03              | .04              | .05              | .06              | .07              | .08              | .09              |
|------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 0.0        | .50000           | .50399           | .50798           | .51197           | .51595           | .51994           | .52392           | .52790           | .53188           | .53586           |
| 0.1        | .53983           | .54380           | .54776           | .55172           | .55567           | .55962           | .56356           | .56749           | .57142           | .57535           |
| 0.2        | .57926           | .58317           | .58706           | .59095           | .59483           | .59871           | .60257           | .60642           | .61026           | .61409           |
| 0.3        | .61791           | .62172           | .62552           | .62930           | .63307           | .63683           | .64058           | .64431           | .64803           | .65173           |
| 0.4        | .65542           | .65910           | .66276           | .66640           | .67003           | .67364           | .67724           | .68082           | .68439           | .68793           |
| 0.5        | .69146           | .69497           | .69847           | .70194           | .70540           | .70884           | .71226           | .71566           | .71904           | .72240           |
| 0.6        | .72575           | .72907           | .73237           | .73565           | .73891           | .74215           | .74537           | .74857           | .75175           | .75490           |
| 0.7        | .75804           | .76115           | .76424           | .76730           | .77035           | .77337           | .77637           | .77935           | .78230           | .78524           |
| 0.8        | .78814           | .79103           | .79389           | .79673           | .79955           | .80234           | .80511           | .80785           | .81057           | .81327           |
| 0.9        | .81594           | .81859           | .82121           | .82381           | .82639           | .82894           | .83147           | .83398           | .83646           | .83891           |
|            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 1.0        | .84134           | .84375           | .84614           | .84849           | .85083           | .85314           | .85543           | .85769           | .85993           | .86214           |
| 1.1        | .86433           | .86650           | .86864           | .87076           | .87286           | .87493           | .87698           | .87900           | .88100           | .88298           |
| 1.2        | .88493           | .88686           | .88877           | .89065           | .89251           | .89435           | .89617           | .89796           | .89973           | .90147           |
| 1.3        | .90320           | .90490           | .90658           | .90824           | .90988           | .91149           | .91308           | .91466           | .91621           | .91774           |
| 1.4        | .91924           | .92073           | .92220           | .92364           | .92507           | .92647           | .92785           | .92922           | .93056           | .93189           |
| 1.5        | .93319           | .93448           | .93574           | .93699           | .93822           | .93943           | .94062           | .94179           | .94295           | .94408           |
| 1.6        | .94520           | .94630           | .94738           | .94845           | .94950           | .95053           | .95154           | .95254           | .95352           | .95449           |
| 1.7        | .95543           | .95637           | .95728           | .95818           | .95907           | .95994           | .96080           | .96164           | .96246           | .96327           |
| 1.8        | .96407           | .96485           | .96562           | .96638           | .96712           | .96784           | .96856           | .96926           | .96995           | .97062           |
| 1.9        | .97128           | .97193           | .97257           | .97320           | .97381           | .97441           | .97500           | .97558           | .97615           | .97670           |
| • 0        |                  |                  | .=               | .=               | .=               | .=               |                  |                  | 00101            | 004.60           |
| 2.0        | .97725           | .97778           | .97831           | .97882           | .97932           | .97982           | .98030           | .98077           | .98124           | .98169           |
| 2.1        | .98214           | .98257           | .98300           | .98341           | .98382           | .98422           | .98461           | .98500           | .98537           | .98574           |
| 2.2        | .98610           | .98645           | .98679           | .98713           | .98745           | .98778           | .98809           | .98840           | .98870           | .98899           |
| 2.3        | .98928           | .98956           | .98983           | .99010           | .99036           | .99061           | .99086           | .99111           | .99134           | .99158           |
| 2.4        | .99180           | .99202           | .99224           | .99245           | .99266           | .99286           | .99305           | .99324           | .99343           | .99361           |
| 2.5        | .99379           | .99396           | .99413           | .99430           | .99446           | .99461           | .99477           | .99492           | .99506           | .99520           |
| 2.6        | .99534           | .99547           | .99560           | .99573           | .99585           | .99598           | .99609           | .99621           | .99632           | .99643           |
| 2.7        | .99653           | .99664           | .99674           | .99683           | .99693           | .99702           | .99711           | .99720           | .99728           | .99736           |
| 2.8        | .99744           | .99752           | .99760           | .99767           | .99774           | .99781           | .99788           | .99795           | .99801           | .99807           |
| 2.9        | .99813           | .99819           | .99825           | .99831           | .99836           | .99841           | .99846           | .99851           | .99856           | .99861           |
| 2.0        | 00065            | 00060            | 00074            | 00070            | 00002            | .99886           | 00000            | 00002            | 00006            | .99900           |
| 3.0        | .99865<br>.99903 | .99869<br>.99906 | .99874<br>.99910 | .99878<br>.99913 | .99882<br>.99916 | .99900           | .99889<br>.99921 | .99893<br>.99924 | .99896<br>.99926 | .99900           |
| 3.1<br>3.2 | .99903           | .99906           | .99910           | .99913           | .99916           | .99918           | .99944           | .99946           | .99948           | .99929           |
|            |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 3.3<br>3.4 | .99952<br>.99966 | .99953<br>.99968 | .99955<br>.99969 | .99957<br>.99970 | .99958<br>.99971 | .99960<br>.99972 | .99961<br>.99973 | .99962<br>.99974 | .99964<br>.99975 | .99965<br>.99976 |
| 3.5        | .99966           | .99968           | .99969           | .99970           | .99971           | .99972           | .99973           | .99974           | .99973           | .99976           |
| 3.6        | .99977           | .99978           | .99978           | .99979           | .99986           | .99987           | .99987           | .99988           | .99988           | .99989           |
| 3.7        | .99989           | .99990           | .99990           | .99990           | .99991           | .99991           | .99992           | .99992           | .99990           | .99999           |
| 3.8        | .99969           | .99990           | .99990           | .99990           | .99991           | .99991           | .99994           | .99992           | .99992           | .99992           |
| 3.9        | .99995           | .99995           | .99996           | .99996           | .99996           | .99996           | .99996           | .99996           | .99997           | .99997           |
| 4.0        | .99997           | .99997           | .99997           | .99997           | .99997           | .99997           | .99998           | .99998           | .99998           | .99998           |
| 4.0        | 122221           | .22221           | . 22221          | .22221           | . 22221          | .22221           | .22220           | .22220           | .22220           | .22220           |