$$\Phi(z) = \boldsymbol{P}\left\{Z \leq z\right\} = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{z} \, e^{-x^2/2} dx$$

-(3.9+)											
-3.8	z	-0.09	-0.08	-0.07	-0.06	-0.05	-0.04	-0.03	-0.02	-0.01	-0.00
-3.8	-(3.9+)	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
-3.6											.0001
-3.5	-3.7	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001
-3.4	-3.6	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0002	.0002
-3.3 .0003 .0004 .0004 .0004 .0004 .0004 .0005 .0005 .0005 .0006 .0006 .0006 .0006 .0006 .0006 .0006 .0006 .0006 .0006 .0006 .0006 .0007 .000 .0007 .0007 .0008 .0008 .0008 .0009 .0009 .0009 .0009 .0009 .0010 .0010 .0011 .0011 .0011 .0011 .0011 .0012 .0012 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0013 .0018 .0025 .	-3.5	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002	.0002
-3.2 .0005 .0005 .0006 .0006 .0006 .0006 .0006 .0007 .0007 .0008 .0008 .0008 .0009 .0009 .0009 .0019 .0019 .0019 .0011 .0011 .0011 .0011 .0012 .0013 .0018 .0025 .0022 .0023 .0023 .0024 .0025 .0022 .0023 .0023 .0033 .0034 .0034 .0034 .0033 .0034 .0033	-3.4	.0002	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0003
-3.1 .0007 .0008 .0008 .0008 .0009 .0009 .0009 .0019 .0013 .001 -3.0 .0010 .0011 .0011 .0011 .0012 .0013 .0013 .001 -2.9 .0014 .0014 .0015 .0016 .0016 .0017 .0018 .0018 .001 -2.8 .0019 .0020 .0021 .0021 .0022 .0023 .0023 .0024 .0025 .002 -2.7 .0026 .0027 .0028 .0029 .0030 .0031 .0032 .0033 .0034 .003 -2.6 .0036 .0037 .0038 .0039 .0040 .0041 .0043 .0044 .0045 .004 -2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078	-3.3	.0003	.0004	.0004	.0004	.0004	.0004	.0004	.0005	.0005	.0005
-3.0 .0010 .0011 .0011 .0012 .0012 .0013 .0013 .001 -2.9 .0014 .0014 .0015 .0015 .0016 .0016 .0017 .0018 .0018 .001 -2.8 .0019 .0020 .0021 .0022 .0023 .0023 .0024 .0025 .002 -2.7 .0026 .0027 .0028 .0029 .0030 .0031 .0032 .0033 .0034 .003 -2.6 .0036 .0037 .0038 .0039 .0040 .0041 .0043 .0044 .0045 .004 -2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102	-3.2	.0005	.0005	.0005	.0006	.0006	.0006	.0006	.0006	.0007	.0007
-2.9 .0014 .0015 .0015 .0016 .0016 .0017 .0018 .0018 .001 -2.8 .0019 .0020 .0021 .0022 .0023 .0023 .0024 .0025 .002 -2.7 .0026 .0027 .0028 .0029 .0030 .0031 .0032 .0033 .0034 .003 -2.6 .0036 .0037 .0038 .0039 .0040 .0041 .0043 .0044 .0045 .004 -2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129	-3.1	.0007		.0008	.0008	.0008	.0008		.0009	.0009	.0010
-2.8 .0019 .0020 .0021 .0022 .0023 .0023 .0024 .0025 .002 -2.7 .0026 .0027 .0028 .0029 .0030 .0031 .0032 .0033 .0034 .003 -2.6 .0036 .0037 .0038 .0039 .0040 .0041 .0043 .0044 .0045 .004 -2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -1.1 .0143 .0146 .0150 .0154 .0158 .0162	-3.0	.0010	.0010	.0011	.0011	.0011	.0012	.0012	.0013	.0013	.0013
-2.7 .0026 .0027 .0028 .0029 .0030 .0031 .0032 .0033 .0034 .003 -2.6 .0036 .0037 .0038 .0039 .0040 .0041 .0043 .0044 .0045 .004 -2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -1.9 .0233 .0239 .0244 .0250 .0256	-2.9	.0014	.0014	.0015	.0015	.0016	.0016	.0017	.0018	.0018	.0019
-2.6 .0036 .0037 .0038 .0039 .0040 .0041 .0043 .0044 .0045 .004 -2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256		.0019	.0020	.0021	.0021	.0022	.0023	.0023	.0024	.0025	.0026
-2.5 .0048 .0049 .0051 .0052 .0054 .0055 .0057 .0059 .0060 .006 -2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322		.0026			.0029					.0034	.0035
-2.4 .0064 .0066 .0068 .0069 .0071 .0073 .0075 .0078 .0080 .008 -2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401		.0036					.0041			.0045	.0047
-2.3 .0084 .0087 .0089 .0091 .0094 .0096 .0099 .0102 .0104 .010 -2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495	-2.5	.0048	.0049	.0051	.0052	.0054	.0055	.0057	.0059	.0060	.0062
-2.2 .0110 .0113 .0116 .0119 .0122 .0125 .0129 .0132 .0136 .013 -2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606	-2.4	.0064	.0066	.0068	.0069	.0071	.0073	.0075	.0078	.0080	.0082
-2.1 .0143 .0146 .0150 .0154 .0158 .0162 .0166 .0170 .0174 .017 -2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823		.0084	.0087	.0089	.0091	.0094	.0096	.0099	.0102	.0104	.0107
-2.0 .0183 .0188 .0192 .0197 .0202 .0207 .0212 .0217 .0222 .022 -1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885		.0110	.0113	.0116	.0119	.0122	.0125	.0129	.0132	.0136	.0139
-1.9 .0233 .0239 .0244 .0250 .0256 .0262 .0268 .0274 .0281 .028 -1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170		.0143			.0154						.0179
-1.8 .0294 .0301 .0307 .0314 .0322 .0329 .0336 .0344 .0351 .035 -1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135	-2.0	.0183	.0188	.0192	.0197	.0202	.0207	.0212	.0217	.0222	.0228
-1.7 .0367 .0375 .0384 .0392 .0401 .0409 .0418 .0427 .0436 .044 -1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135											.0287
-1.6 .0455 .0465 .0475 .0485 .0495 .0505 .0516 .0526 .0537 .054 -1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135											.0359
-1.5 .0559 .0571 .0582 .0594 .0606 .0618 .0630 .0643 .0655 .066 -1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135											.0446
-1.4 .0681 .0694 .0708 .0721 .0735 .0749 .0764 .0778 .0793 .080 -1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135											.0548
-1.3 .0823 .0838 .0853 .0869 .0885 .0901 .0918 .0934 .0951 .096 -1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135	-1.5	.0559	.0571	.0582	.0594	.0606	.0618	.0630	.0643	.0655	.0668
-1.2 .0985 .1003 .1020 .1038 .1056 .1075 .1093 .1112 .1131 .115 -1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135											.0808
-1.1 .1170 .1190 .1210 .1230 .1251 .1271 .1292 .1314 .1335 .135											.0968
											.1151
											.1357
-1.0 .1379 .1401 .1423 .1446 .1469 .1492 .1515 .1539 .1562 .158	-1.0	.1379	.1401	.1423	.1446	.1469	.1492	.1515	.1539	.1562	.1587
											.1841
											.2119
											.2420
											.2743
-0.5 .2776 .2810 .2843 .2877 .2912 .2946 .2981 .3015 .3050 .308	-0.5	.2776	.2810	.2843	.2877	.2912	.2946	.2981	.3015	.3050	.3085
				.3192	.3228	.3264	.3300		.3372	.3409	.3446
											.3821
											.4207
N. I 19 N N N N N N N N N N N N N N N N N N											.4602
-0.0 .4641 .4681 .4721 .4761 .4801 .4840 .4880 .4920 .4960 .500	-0.0	.4641	.4681	.4721	.4761	.4801	.4840	.4880	.4920	.4960	.5000

2	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
0.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
0.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
0.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
0.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
0.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
0.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
0.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
0.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
0.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.9772	.9778	.9783	.9788	.9793	.9798	.9803	.9808	.9812	.9817
2.1	.9821	.9826	.9830	.9834	.9838	.9842	.9846	.9850	.9854	.9857
2.2	.9861	.9864	.9868	.9871	.9875	.9878	.9881	.9884	.9887	.9890
2.3	.9893	.9896	.9898	.9901	.9904	.9906	.9909	.9911	.9913	.9916
2.4	.9918	.9920	.9922	.9925	.9927	.9929	.9931	.9932	.9934	.9936
2.5	.9938	.9940	.9941	.9943	.9945	.9946	.9948	.9949	.9951	.9952
2.6	.9953	.9955	.9956	.9957	.9959	.9960	.9961	.9962	.9963	.9964
2.7	.9965	.9966	.9967	.9968	.9969	.9970	.9971	.9972	.9973	.9974
2.8	.9974	.9975	.9976	.9977	.9977	.9978	.9979	.9979	.9980	.9981
2.9	.9981	.9982	.9982	.9983	.9984	.9984	.9985	.9985	.9986	.9986
3.0	.9987	.9987	.9987	.9988	.9988	.9989	.9989	.9989	.9990	.9990
3.1	.9990	.9991	.9991	.9991	.9992	.9992	.9992	.9992	.9993	.9993
3.2	.9993	.9993	.9994	.9994	.9994	.9994	.9994	.9995	.9995	.9995
3.3	.9995	.9995	.9995	.9996	.9996	.9996	.9996	.9996	.9996	.9997
3.4	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9998
3.5	.9998	.9998	.9998	.9998	.9998	.9998	.9998	.9998	.9998	.9998
3.6	.9998	.9998	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
3.7	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
3.8	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
3.9+	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00