

# Cumulative Standard Normal Distribution Table

z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)	z	P(Z ≤ z)
-3.29	0.00050	-2.63	0.00427	-1.97	0.02442	-1.31	0.09510	-0.65	0.25785	0.00	0.50000	0.66	0.74537	1.32	0.90658	1.98	0.97615	2.64	0.99585		
-3.28	0.00052	-2.62	0.00440	-1.96	0.02500	-1.30	0.09680	-0.64	0.26109	0.01	0.50399	0.67	0.74857	1.33	0.90824	1.99	0.97670	2.65	0.99598		
-3.27	0.00054	-2.61	0.00453	-1.95	0.02559	-1.29	0.09853	-0.63	0.26435	0.02	0.50798	0.68	0.75175	1.34	0.90988	2.00	0.97725	2.66	0.99609		
-3.26	0.00056	-2.60	0.00466	-1.94	0.02619	-1.28	0.10027	-0.62	0.26763	0.03	0.51197	0.69	0.75490	1.35	0.91149	2.01	0.97778	2.67	0.99621		
-3.25	0.00058	-2.59	0.00480	-1.93	0.02680	-1.27	0.10204	-0.61	0.27093	0.04	0.51595	0.70	0.75804	1.36	0.91309	2.02	0.97831	2.68	0.99632		
-3.24	0.00060	-2.58	0.00494	-1.92	0.02743	-1.26	0.10383	-0.60	0.27425	0.05	0.51994	0.71	0.76115	1.37	0.91466	2.03	0.97882	2.69	0.99643		
-3.23	0.00062	-2.57	0.00508	-1.91	0.02807	-1.25	0.10565	-0.59	0.27760	0.06	0.52392	0.72	0.76424	1.38	0.91621	2.04	0.97932	2.70	0.99653		
-3.22	0.00064	-2.56	0.00523	-1.90	0.02872	-1.24	0.10749	-0.58	0.28096	0.07	0.52790	0.73	0.76730	1.39	0.91774	2.05	0.97982	2.71	0.99664		
-3.21	0.00066	-2.55	0.00539	-1.89	0.02938	-1.23	0.10935	-0.57	0.28434	0.08	0.53188	0.74	0.77035	1.40	0.91924	2.06	0.98030	2.72	0.99674		
-3.20	0.00069	-2.54	0.00554	-1.88	0.03005	-1.22	0.11123	-0.56	0.28774	0.09	0.53586	0.75	0.77337	1.41	0.92073	2.07	0.98077	2.73	0.99683		
-3.19	0.00071	-2.53	0.00570	-1.87	0.03074	-1.21	0.11314	-0.55	0.29116	0.10	0.53983	0.76	0.77637	1.42	0.92220	2.08	0.98124	2.74	0.99693		
-3.18	0.00074	-2.52	0.00587	-1.86	0.03144	-1.20	0.11507	-0.54	0.29460	0.11	0.54380	0.77	0.77935	1.43	0.92364	2.09	0.98169	2.75	0.99702		
-3.17	0.00076	-2.51	0.00604	-1.85	0.03216	-1.19	0.11702	-0.53	0.29806	0.12	0.54776	0.78	0.78230	1.44	0.92507	2.10	0.98214	2.76	0.99711		
-3.16	0.00079	-2.50	0.00621	-1.84	0.03288	-1.18	0.11900	-0.52	0.30153	0.13	0.55172	0.79	0.78524	1.45	0.92647	2.11	0.98257	2.77	0.99720		
-3.15	0.00082	-2.49	0.00639	-1.83	0.03362	-1.17	0.12100	-0.51	0.30503	0.14	0.55567	0.80	0.78814	1.46	0.92785	2.12	0.98300	2.78	0.99728		
-3.14	0.00084	-2.48	0.00657	-1.82	0.03438	-1.16	0.12302	-0.50	0.30854	0.15	0.55962	0.81	0.79103	1.47	0.92922	2.13	0.98341	2.79	0.99736		
-3.13	0.00087	-2.47	0.00676	-1.81	0.03515	-1.15	0.12507	-0.49	0.31207	0.16	0.56356	0.82	0.79389	1.48	0.93056	2.14	0.98382	2.80	0.99744		
-3.12	0.00090	-2.46	0.00695	-1.80	0.03593	-1.14	0.12714	-0.48	0.31561	0.17	0.56749	0.83	0.79673	1.49	0.93189	2.15	0.98422	2.81	0.99752		
-3.11	0.00094	-2.45	0.00714	-1.79	0.03673	-1.13	0.12924	-0.47	0.31918	0.18	0.57142	0.84	0.79955	1.50	0.93319	2.16	0.98461	2.82	0.99760		
-3.10	0.00097	-2.44	0.00734	-1.78	0.03754	-1.12	0.13136	-0.46	0.32276	0.19	0.57535	0.85	0.80234	1.51	0.93448	2.17	0.98500	2.83	0.99767		
-3.09	0.00100	-2.43	0.00755	-1.77	0.03836	-1.11	0.13350	-0.45	0.32636	0.20	0.57926	0.86	0.80511	1.52	0.93574	2.18	0.98537	2.84	0.99774		
-3.08	0.00104	-2.42	0.00776	-1.76	0.03920	-1.10	0.13567	-0.44	0.32997	0.21	0.58317	0.87	0.80785	1.53	0.93699	2.19	0.98574	2.85	0.99781		
-3.07	0.00107	-2.41	0.00798	-1.75	0.04006	-1.09	0.13786	-0.43	0.33360	0.22	0.58706	0.88	0.81057	1.54	0.93822	2.20	0.98610	2.86	0.99788		
-3.06	0.00111	-2.40	0.00820	-1.74	0.04093	-1.08	0.14007	-0.42	0.33724	0.23	0.59095	0.89	0.81327	1.55	0.93943	2.21	0.98645	2.87	0.99795		
-3.05	0.00114	-2.39	0.00842	-1.73	0.04182	-1.07	0.14231	-0.41	0.34090	0.24	0.59483	0.90	0.81594	1.56	0.94062	2.22	0.98679	2.88	0.99801		
-3.04	0.00118	-2.38	0.00866	-1.72	0.04272	-1.06	0.14457	-0.40	0.34458	0.25	0.59871	0.91	0.81859	1.57	0.94179	2.23	0.98713	2.89	0.99807		
-3.03	0.00122	-2.37	0.00889	-1.71	0.04363	-1.05	0.14686	-0.39	0.34827	0.26	0.60257	0.92	0.82121	1.58	0.94295	2.24	0.98745	2.90	0.99813		
-3.02	0.00126	-2.36	0.00914	-1.70	0.04457	-1.04	0.14917	-0.38	0.35197	0.27	0.60642	0.93	0.82381	1.59	0.94408	2.25	0.98778	2.91	0.99819		
-3.01	0.00131	-2.35	0.00939	-1.69	0.04551	-1.03	0.15151	-0.37	0.35569	0.28	0.61026	0.94	0.82639	1.60	0.94520	2.26	0.98809	2.92	0.99825		
-3.00	0.00135	-2.34	0.00964	-1.68	0.04648	-1.02	0.15386	-0.36	0.35942	0.29	0.61409	0.95	0.82894	1.61	0.94630	2.27	0.98840	2.93	0.99831		
-2.99	0.00139	-2.33	0.00990	-1.67	0.04746	-1.01	0.15625	-0.35	0.36317	0.30	0.61791	0.96	0.83147	1.62	0.94738	2.28	0.98870	2.94	0.99836		
-2.98	0.00144	-2.32	0.01017	-1.66	0.04846	-1.00	0.15866	-0.34	0.36693	0.31	0.62172	0.97	0.83398	1.63	0.94845	2.29	0.98899	2.95	0.99841		
-2.97	0.00149	-2.31	0.01044	-1.65	0.04947	-0.99	0.16109	-0.33	0.37070	0.32	0.62552	0.98	0.83646	1.64	0.94950	2.30	0.98928	2.96	0.99846		
-2.96	0.00154	-2.30	0.01072	-1.64	0.05050	-0.98	0.16354	-0.32	0.37448	0.33	0.62930	0.99	0.83891	1.65	0.95053	2.31	0.98956	2.97	0.99851		
-2.95	0.00159	-2.29	0.01101	-1.63	0.05155	-0.97	0.16602	-0.31	0.37828	0.34	0.63307	1.00	0.84134	1.66	0.95154	2.32	0.98983	2.98	0.99856		
-2.94	0.00164	-2.28	0.01130	-1.62	0.05262	-0.96	0.16853	-0.30	0.38209	0.35	0.63683	1.01	0.84375	1.67	0.95254	2.33	0.99010	2.99	0.99861		
-2.93	0.00169	-2.27	0.01160	-1.61	0.05370	-0.95	0.17106	-0.29	0.38591	0.36	0.64058	1.02	0.84614	1.68	0.95352	2.34	0.99036	3.00	0.99866		
-2.92	0.00175	-2.26	0.01191	-1.60	0.05480	-0.94	0.17361	-0.28	0.38974	0.37	0.64431	1.03	0.84849	1.69	0.95449	2.35	0.99061	3.01	0.99869		
-2.91	0.00181	-2.25	0.01222	-1.59	0.05592	-0.93	0.17619	-0.27	0.39358	0.38	0.64803	1.04	0.85083	1.70	0.95543	2.36	0.99086	3.02	0.99874		
-2.90	0.00187	-2.24	0.01255	-1.58	0.05705	-0.92	0.17879	-0.26	0.39743	0.39	0.65173	1.05	0.85314	1.71	0.95637	2.37	0.99111	3.03	0.99878		
-2.89	0.00193	-2.23	0.01287	-1.57	0.05821	-0.91	0.18141	-0.25	0.40129	0.40	0.65542	1.06	0.85543	1.72	0.95728	2.38	0.99134	3.04	0.99882		
-2.88	0.00199	-2.22	0.01321	-1.56	0.05938	-0.90	0.18406	-0.24	0.40517	0.41	0.65910	1.07	0.85769	1.73	0.95818	2.39	0.99158	3.05	0.99886		
-2.87	0.00205	-2.21	0.01355	-1.55	0.06057	-0.89	0.18673	-0.23	0.40905	0.42	0.66276	1.08	0.85993	1.74	0.95907	2.40	0.99180	3.06	0.99889		
-2.86	0.00212	-2.20	0.01390	-1.54	0.06178	-0.88	0.18943	-0.22	0.41294	0.43	0.66640	1.09	0.86214	1.75	0.95994	2.41	0.99202	3.07	0.99893		
-2.85	0.00219	-2.19	0.01426	-1.53	0.06301	-0.87	0.19215	-0.21	0.41683	0.44	0.67003	1.10	0.86433	1.76	0.96080	2.42	0.99224	3.08	0.99896		
-2.84	0.00226	-2.18	0.01463	-1.52	0.06426	-0.86	0.19489	-0.20	0.42074	0.45	0.67364	1.11	0.86650	1.77	0.96164	2.43	0.99245	3.09	0.99900		
-2.83	0.00233	-2.17	0.01500	-1.51	0.06552	-0.85	0.19766	-0.19	0.42465	0.46	0.67724	1.12	0.86864	1.78	0.96246	2.44	0.99266	3.10	0.99903		
-2.82	0.00240	-2.16	0.01539	-1.50	0.06681	-0.84	0.20045	-0.18	0.42858	0.47	0.68082	1.13	0.87076	1.79	0.96327	2.45	0.99286	3.11	0.99906		
-2.81	0.00248	-2.15	0.01578	-1.49	0.06811	-0.83	0.20327	-0.17	0.43251	0.48	0.68439	1.14	0.87286	1.80	0.96407	2.46	0.99305	3.12	0.99910		
-2.80	0.00256	-2.14	0.01618	-1.48	0.06944	-0.82	0.20611	-0.16	0.43644	0.49	0.68793	1.15	0.87493	1.81	0.96485	2.47	0.99324	3.13	0.99913		
-2.79	0.00264	-2.13	0.01659	-1.47	0.07078	-0.81	0.20897	-0.15	0.44038	0.50	0.69146	1.16	0.87698	1.82	0.96562	2.48	0.99343	3.14	0.99916		
-2.78	0.00272	-2.12	0.01700	-1.46	0.07215	-0.80	0.21186	-0.14	0.44433	0.51	0.69497	1.17	0.87900	1.83	0.96638	2.49	0.99361	3.15	0.99918		
-2.77	0.00280	-2.11	0.01743	-1.45	0.07353	-0.79	0.21476	-0.13	0.44828	0.52	0.69847	1.18	0.88100	1.84	0.96712	2.50	0.99379	3.16	0.99921		
-2.76	0.00289	-2.10	0.01786	-1.44	0.07493	-0.78	0.21770	-0.12	0.45224	0.53	0.70194	1.19	0.88298	1.85	0.96784	2.51	0.99396	3.17	0.99924		
-2.75	0.00298	-2.09	0.01831	-1.43	0.07636	-0.77	0.22065</														