

The z-Table (Normal Probability Distribution)

Z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	0.50000	0.50399	0.50798	0.51197	0.51595	0.51994	0.52392	0.52790	0.53188	0.53586
0.1	0.53983	0.54380	0.54776	0.55172	0.55567	0.55962	0.56356	0.56749	0.57142	0.57535
0.2	0.57926	0.58317	0.58706	0.59095	0.59483	0.59871	0.60257	0.60642	0.61026	0.61409
0.3	0.61791	0.62172	0.62552	0.62930	0.63307	0.63683	0.64058	0.64431	0.64803	0.65173
0.4	0.65542	0.65910	0.66276	0.66640	0.67003	0.67364	0.67724	0.68082	0.68439	0.68793
0.5	0.69146	0.69497	0.69847	0.70194	0.70540	0.70884	0.71226	0.71566	0.71904	0.72240
0.6	0.72575	0.72907	0.73237	0.73565	0.73891	0.74215	0.74537	0.74857	0.75175	0.75490
0.7	0.75804	0.76115	0.76424	0.76730	0.77035	0.77337	0.77637	0.77935	0.78230	0.78524
0.8	0.78814	0.79103	0.79389	0.79673	0.79955	0.80234	0.80511	0.80785	0.81057	0.81327
0.9	0.81594	0.81859	0.82121	0.82381	0.82639	0.82894	0.83147	0.83398	0.83646	0.83891
1.0	0.84134	0.84375	0.84614	0.84849	0.85083	0.85314	0.85543	0.85769	0.85993	0.86214
1.1	0.86433	0.86650	0.86864	0.87076	0.87286	0.87493	0.87698	0.87900	0.88100	0.88298
1.2	0.88493	0.88686	0.88877	0.89065	0.89251	0.89435	0.89617	0.89796	0.89973	0.90147
1.3	0.90320	0.90490	0.90658	0.90824	0.90988	0.91149	0.91309	0.91466	0.91621	0.91774
1.4	0.91924	0.92073	0.92220	0.92364	0.92507	0.92647	0.92785	0.92922	0.93056	0.93189
1.5	0.93319	0.93448	0.93574	0.93699	0.93822	0.93943	0.94062	0.94179	0.94295	0.94408
1.6	0.94520	0.94630	0.94738	0.94845	0.94950	0.95053	0.95154	0.95254	0.95352	0.95449
1.7	0.95543	0.95637	0.95728	0.95818	0.95907	0.95994	0.96080	0.96164	0.96246	0.96327
1.8	0.96407	0.96485	0.96562	0.96638	0.96712	0.96784	0.96856	0.96926	0.96995	0.97062
1.9	0.97128	0.97193	0.97257	0.97320	0.97381	0.97441	0.97500	0.97558	0.97615	0.97670
2.0	0.97725	0.97778	0.97831	0.97882	0.97932	0.97982	0.98030	0.98077	0.98124	0.98169
2.1	0.98214	0.98257	0.98300	0.98341	0.98382	0.98422	0.98461	0.98500	0.98537	0.98574
2.2	0.98610	0.98645	0.98679	0.98713	0.98745	0.98778	0.98809	0.98840	0.98870	0.98899
2.3	0.98928	0.98956	0.98983	0.99010	0.99036	0.99061	0.99086	0.99111	0.99134	0.99158
2.4	0.99180	0.99202	0.99224	0.99245	0.99266	0.99286	0.99305	0.99324	0.99343	0.99361
2.5	0.99379	0.99396	0.99413	0.99430	0.99446	0.99461	0.99477	0.99492	0.99506	0.99520
2.6	0.99534	0.99547	0.99560	0.99573	0.99585	0.99598	0.99609	0.99621	0.99632	0.99643
2.7	0.99653	0.99664	0.99674	0.99683	0.99693	0.99702	0.99711	0.99720	0.99728	0.99736
2.8	0.99744	0.99752	0.99760	0.99767	0.99774	0.99781	0.99788	0.99795	0.99801	0.99807
2.9	0.99813	0.99819	0.99825	0.99831	0.99836	0.99841	0.99846	0.99851	0.99856	0.99861
3.0	0.99865	0.99869	0.99874	0.99878	0.99882	0.99886	0.99889	0.99893	0.99896	0.99900
3.1	0.99903	0.99906	0.99910	0.99913	0.99916	0.99918	0.99921	0.99924	0.99926	0.99929
3.2	0.99931	0.99934	0.99936	0.99938	0.99940	0.99942	0.99944	0.99946	0.99948	0.99950
3.3	0.99952	0.99953	0.99955	0.99957	0.99958	0.99960	0.99961	0.99962	0.99964	0.99965
3.4	0.99966	0.99968	0.99969	0.99970	0.99971	0.99972	0.99973	0.99974	0.99975	0.99976
3.5	0.99977	0.99978	0.99978	0.99979	0.99980	0.99981	0.99981	0.99982	0.99983	0.99983
3.6	0.99984	0.99985	0.99985	0.99986	0.99986	0.99987	0.99987	0.99988	0.99988	0.99989
3.7	0.99989	0.99990	0.99990	0.99990	0.99991	0.99991	0.99992	0.99992	0.99992	0.99992
3.8	0.99993	0.99993	0.99993	0.99994	0.99994	0.99994	0.99994	0.99995	0.99995	0.99995
3.9	0.99995	0.99995	0.99996	0.99996	0.99996	0.99996	0.99996	0.99997	0.99997	0.99997

Factor	Description	Weight
T1	Distributed system	2
T2	Response or throughput performance objectives	2
T3	End-user efficiency	1
T4	Complex internal processing	1
T5	Reusable code	1
T6	Easy to install	0.5
T7	Easy to use	0.5
T8	Portable	2
T9	Easy to change	1
T10	Concurrent	1
T11	Includes security features	1
T12	Provides access for third parties	1
T13	Special user training facilities are required	1

Factor	Description	Weight
F1	Familiar with Rational Unified Process	1.5
F2	Application experience	0.5
F3	Object-oriented experience	1
F4	Lead analyst capability	0.5
F5	Motivation	1
F6	Stable requirements	2
F7	Part-time workers	-1
F8	Difficult programming language	-1

Actor Type	Description of Interface	Weight
Simple	Another system via a defined application programming interface (API)	1
Average	Another system via a protocol, or a person via a text-based terminal	2
Complex	A person interacting via a graphical user interface (GUI)	3

Complexity	# of Transactions	Weight
Simple	1-3	5
Average	4-7	10
Complex	8 or more	15

No. of views contain	Sources of data tables			No. of section contain	Sources of data tables		
	Total < 4 ( < 2 servers < 3 clients )	Total < 8 ( 2 - 3 servers 3-5 clients )	Total 8 + ( > 3 servers > 5 clients )		Total < 4 ( < 2 servers < 3 clients )	Total < 8 ( 2 - 3 servers 3-5 clients )	Total 8 + ( > 3 servers > 5 clients )
< 3	Simple	Simple	Medium	0 - 1	Simple	Simple	Medium
3 - 7	Simple	Medium	Difficult	2 - 3	Simple	Medium	Difficult
> 8	Medium	Difficult	Difficult	4 +	Medium	Difficult	Difficult

Object Type	Complexity Weight		
	Simple	Medium	Difficult
Screen	1	2	3
Report	2	5	8
3GL Components	-	-	10

Word Count	Link Count (In, Out, and Non-textual)		
	0 - 5	6 - 15	>15
0 - 300	Low	Low	Avg
301 - 500	Low	Avg	High
> 500	Avg	High	high

For Reports

Developer's experience and capability	Very Low	Low	Nominal	High	Very High
	Very Low	Low	Nominal	High	Very High
CASE maturity and capability	Very Low	Low	Nominal	High	Very High
Prod (NAP/month)	4	7	13	25	50

Function Types	IFPUG Function Points (1984)			SPR Feature Points (1985)
	Low	Average	High	
Input	3	4	6	4
Output	4	5	7	5
Inquiry	3	4	6	4
Internal logical files	4	10	15	7
External interface files	5	7	10	7
Algorithm	None			3

MODE	a	b
Organic	2.4	1.05
Semi-Detached	3.0	1.12
Embedded	3.6	1.20

MODE	a	b
Organic	3.2	1.05
Semi-Detached	3.0	1.12
Embedded	2.8	1.20

Cost Drivers	Ratings					
	Very Low	Low	Nominal	High	Very High	Extremely High
Product Attributes						
Required Software Reliability (C1)	0.75	0.88	1.00	1.15	1.40	
Size of Application Database (C2)		0.94	1.00	1.08	1.16	
Complexity of the Product (C3)	0.70	0.85	1.00	1.15	1.30	1.65
Hardware Attributes						
Run-time Performance Constraints (C4)			1.00	1.11	1.30	1.66
Memory Constraints (C5)			1.00	1.06	1.21	1.56
Volatility of the Virtual Machine Environment (C6)		0.87	1.00	1.15	1.30	
Required Turnabout Time (C7)		0.87	1.00	1.07	1.15	
Personnel Attributes						
Analyst Capability (C8)	1.46	1.19	1.00	0.86	0.71	
Applications Experience (C9)	1.29	1.13	1.00	0.91	0.82	
Software Engineer Capability (C10)	1.42	1.17	1.00	0.86	0.70	
Virtual Machine Experience (C11)	1.21	1.10	1.00	0.90		
Programming Language Experience (C12)	1.14	1.07	1.00	0.95		
Project Attributes						
Application of Software Engineering Methods (C13)	1.24	1.10	1.00	0.91	0.82	
Use of Software Tools (C14)	1.24	1.10	1.00	0.91	0.83	
Required Development Schedule (C15)	1.23	1.08	1.00	1.04	1.10	