

Safety Stock Coverage Values at various required Service Levels ©

Service Level Required (%)	Safety Stock Coverage Factor Z-Value	Incremental Service Level %	Incremental Coverage (Z-Value increase)	Increase in Safety Stock Per Point increase in Service %
50%	0.000	50.00%		
70%	0.524	20.00%	0.524	
75%	0.674	5.00%	0.150	5.72%
80%	0.842	5.00%	0.167	4.96%
81%	0.878	1.00%	0.036	4.31%
82%	0.915	1.00%	0.037	4.27%
83%	0.954	1.00%	0.039	4.24%
84%	0.994	1.00%	0.040	4.22%
85%	1.036	1.00%	0.042	4.22%
86%	1.080	1.00%	0.044	4.23%
87%	1.126	1.00%	0.046	4.26%
88%	1.175	1.00%	0.049	4.31%
89%	1.227	1.00%	0.052	4.39%
90%	1.282	1.00%	0.055	4.49%
91%	1.341	1.00%	0.059	4.62%
92%	1.405	1.00%	0.064	4.80%
93%	1.476	1.00%	0.071	5.03%
94%	1.555	1.00%	0.079	5.35%
95%	1.645	1.00%	0.090	5.79%
96%	1.751	1.00%	0.106	6.43%
97%	1.881	1.00%	0.130	7.43%
98%	2.054	1.00%	0.173	9.20%
99%	2.326	1.00%	0.273	13.27%
99.5%	2.576	0.50%	0.249	21.45%
99.90%	3.090	0.40%	0.514	49.93%