Poisson Distribution Function Table (prob demand ≤ S)

	Expected Demand																			
S	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
0	0.90484	0.81873	0.74082	0.67032	0.60653	0.54881	0.49659	0.44933	0.40657	0.36788	0.22313	0.13534	0.08208	0.04979	0.03020	0.01832	0.01111	0.00674	0.00409	0.00248
1	0.99532	0.98248	0.96306	0.93845	0.90980	0.87810	0.84420	0.80879	0.77248	0.73576	0.55783	0.40601	0.28730	0.19915	0.13589	0.09158	0.06110	0.04043	0.02656	0.01735
2	0.99985	0.99885	0.99640	0.99207	0.98561	0.97688	0.96586	0.95258	0.93714	0.91970	0.80885	0.67668	0.54381	0.42319	0.32085	0.23810	0.17358	0.12465	0.08838	0.06197
3	1.00000	0.99994	0.99973	0.99922	0.99825	0.99664	0.99425	0.99092	0.98654	0.98101	0.93436	0.85712	0.75758	0.64723	0.53663	0.43347	0.34230	0.26503	0.20170	0.15120
4	1.00000	1.00000	0.99998	0.99994	0.99983	0.99961	0.99921	0.99859	0.99766	0.99634	0.98142	0.94735	0.89118	0.81526	0.72544	0.62884	0.53210	0.44049	0.35752	0.28506
5	1.00000	1.00000	1.00000	1.00000	0.99999	0.99996	0.99991	0.99982	0.99966	0.99941	0.99554	0.98344	0.95798	0.91608	0.85761	0.78513	0.70293	0.61596	0.52892	0.44568
6	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99998	0.99996	0.99992	0.99907	0.99547	0.98581	0.96649	0.93471	0.88933	0.83105	0.76218	0.68604	0.60630
7	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99983	0.99890	0.99575	0.98810	0.97326	0.94887	0.91341	0.86663	0.80949	0.74398
8	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99997	0.99976	0.99886	0.99620	0.99013	0.97864	0.95974	0.93191	0.89436	0.84724
9	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99995	0.99972	0.99890	0.99669	0.99187	0.98291	0.96817	0.94622	0.91608
10	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99994	0.99971	0.99898	0.99716	0.99333	0.98630	0.97475	0.95738
11	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99993	0.99971	0.99908	0.99760	0.99455	0.98901	0.97991
12	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99992	0.99973	0.99919	0.99798	0.99555	0.99117
13	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99992	0.99975	0.99930	0.99831	0.99637
14	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99993	0.99977	0.99940	0.99860
15	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99993	0.99980	0.99949
16	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99998	0.99994	0.99983
17	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99998	0.99994
18	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99998
19	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999
20	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000