

Table 6

Poisson Distribution

1000xProbability of r or fewer occurrences of an event

r np	0	1	2	3	4	5	6	7	8	9
0.02	980.2	999.8								
0.03	970.4	999.6								
0.04	960.8	999.2								
0.05	951.2	998.8								
0.06	941.8	998.3								
0.07	932.4	997.7								
0.08	923.1	997.0								
0.09	913.9	996.2	999.9							
0.10	904.8	995.3	999.8							
0.12	886.9	993.4	999.7							
0.14	869.4	991.1	999.6							
0.16	852.1	988.5	999.4							
0.18	835.3	985.6	999.2							
0.20	818.7	982.5	998.9							
0.25	778.8	973.5	997.8	999.9						
0.30	740.8	963.1	996.4	999.7						
0.35	704.7	951.3	994.5	999.5						
0.40	670.3	938.4	992.1	999.2						
0.45	637.6	924.6	989.1	998.8	999.9					
0.50	606.5	909.8	985.6	998.2	999.8					
0.55	576.9	894.3	981.5	997.5	999.7					
0.60	548.8	878.1	976.9	996.6	999.6					
0.65	522.0	861.4	971.7	995.6	999.4					
0.70	496.6	844.2	965.9	994.2	999.2					
0.75	472.4	826.6	959.5	992.7	998.9	999.9				
0.80	449.3	808.8	952.6	990.9	998.6	999.8				
0.85	427.4	790.7	945.1	988.9	998.2	999.7				
0.90	406.6	772.5	937.1	986.5	997.7	999.7				
0.95	386.7	754.1	928.7	983.9	997.1	999.5				
1.00	367.9	735.8	919.7	981.0	996.3	999.4				

Poisson Distribution

1000xProbability of r or fewer occurrences of an event

r np	0	1	2	3	4	5	6	7	8	9
1.10	332.9	699.0	900.4	974.3	994.6	999.0	999.9			
1.20	301.2	662.6	879.5	966.2	992.3	998.5	999.7			
1.30	272.5	626.8	857.1	956.9	989.3	997.8	999.6			
1.40	246.6	591.8	833.5	946.3	985.7	996.8	999.4	999.9		
1.50	223.1	557.8	808.8	934.4	981.4	995.5	999.1	999.8		
1.60	201.9	524.9	783.4	921.2	976.3	994.0	998.7	999.7		
1.70	182.7	493.2	757.2	906.8	970.4	992.0	998.1	999.6		
1.80	165.3	462.8	730.6	891.3	963.6	989.6	997.4	999.4	999.9	
1.90	149.6	433.7	703.7	874.7	955.9	986.8	996.6	999.2	999.8	
2.00	135.3	406.0	676.7	857.1	947.3	983.4	995.5	998.9	999.8	
2.20	110.8	354.6	622.7	819.4	927.5	975.1	992.5	998.0	999.5	999.9
2.40	90.7	308.4	569.7	778.7	904.1	964.3	988.4	996.7	999.1	999.8
2.60	74.3	267.4	518.4	736.0	877.4	951.0	982.8	994.7	998.5	999.6
2.80	60.8	231.1	469.5	691.9	847.7	934.9	975.6	991.9	997.6	999.3
3.00	49.8	199.1	423.2	647.2	815.3	916.1	966.5	988.1	996.2	998.9
3.20	40.8	171.2	379.9	602.5	780.6	894.6	955.4	983.2	994.3	998.2
3.40	33.4	146.8	339.7	558.4	744.2	870.5	942.1	976.9	991.7	997.3
3.60	27.3	125.7	302.7	515.2	706.4	844.1	926.7	969.2	988.3	996.0
3.80	22.4	107.4	268.9	473.5	667.8	815.6	909.1	959.9	984.0	994.2
4.00	18.3	91.6	238.1	433.5	628.8	785.1	889.3	948.9	978.6	991.9
4.20	15.0	78.0	210.2	395.4	589.8	753.1	867.5	936.1	972.1	988.9
4.40	12.3	66.3	185.1	359.4	551.2	719.9	843.6	921.4	964.2	985.1
4.60	10.1	56.3	162.6	325.7	513.2	685.8	818.0	904.9	954.9	980.5
4.80	8.2	47.7	142.5	294.2	476.3	651.0	790.8	886.7	944.2	974.9
5.00	6.7	40.4	124.7	265.0	440.5	616.0	762.2	866.6	931.9	968.2
5.20	5.5	34.2	108.8	238.1	406.1	580.9	732.4	844.9	918.1	960.3
5.40	4.5	28.9	94.8	213.3	373.3	546.1	701.7	821.7	902.7	951.2
5.60	3.7	24.4	82.4	190.6	342.2	511.9	670.3	797.0	885.7	940.9
5.80	3.0	20.6	71.5	170.0	312.7	478.3	638.4	771.0	867.2	929.2
6.00	2.5	17.4	62.0	151.2	285.1	445.7	606.3	744.0	847.2	916.1