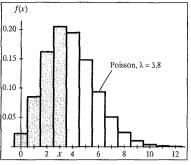
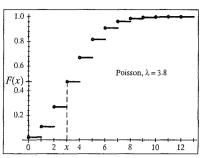
Table III: The Poisson Distribution





$$F(x) = P(X \le x) = \sum_{k=0}^{x} \frac{\lambda^{k} e^{-\lambda}}{k!}$$

	$\lambda = E(X)$									
$\frac{}{x}$	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0 1 2 3 4 5 6	0.905 0.995 1.000 1.000 1.000 1.000	0.819 0.982 0.999 1.000 1.000 1.000	0.741 0.963 0.996 1.000 1.000 1.000	0.670 0.938 0.992 0.999 1.000 1.000	0.607 0.910 0.986 0.998 1.000 1.000	0.549 0.878 0.977 0.997 1.000 1.000	0.497 0.844 0.966 0.994 0.999 1.000 1.000	0.449 0.809 0.953 0.991 0.999 1.000 1.000	0.407 0.772 0.937 0.987 0.998 1.000 1.000	0.368 0.736 0.920 0.981 0.996 0.999 1.000
x	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
0 1 2 3 4 5 6 7	0.333 0.699 0.900 0.974 0.995 0.999 1.000 1.000	0.301 0.663 0.879 0.966 0.992 0.998 1.000 1.000	0.273 0.627 0.857 0.957 0.989 0.998 1.000 1.000	0.247 0.592 0.833 0.946 0.986 0.997 0.999 1.000 1.000	0.223 0.558 0.809 0.934 0.981 0.996 0.999 1.000 1.000	0.202 0.525 0.783 0.921 0.976 0.994 0.999 1.000 1.000	0.183 0.493 0.757 0.907 0.970 0.992 0.998 1.000 1.000	0.165 0.463 0.731 0.891 0.964 0.990 0.997 0.999 1.000	0.150 0.434 0.704 0.875 0.956 0.987 0.997 0.999 1.000	0.135 0.406 0.677 0.857 0.947 0.983 0.995 0.999 1.000
x	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0
0 1 2 3 4	0.111 0.355 0.623 0.819 0.928	0.091 0.308 0.570 0.779 0.904	0.074 0.267 0.518 0.736 0.877	0.061 0.231 0.469 0.692 0.848	0.050 0.199 0.423 0.647 0.815	0.041 0.171 0.380 0.603 0.781	0.033 0.147 0.340 0.558 0.744	0.027 0.126 0.303 0.515 0.706	0.022 0.107 0.269 0.473 0.668	0.018 0.092 0.238 0.433 0.629
5 6 7 8 9	0.975 0.993 0.998 1.000 1.000	0.964 0.988 0.997 0.999 1.000	0.951 0.983 0.995 0.999 1.000	0.935 0.976 0.992 0.998 0.999	0.916 0.966 0.988 0.996 0.999	0.895 0.955 0.983 0.994 0.998	0.871 0.942 0.977 0.992 0.997	0.844 0.927 0.969 0.988 0.996	0.816 0.909 0.960 0.984 0.994	0.785 0.889 0.949 0.979 0.992
10 11 12	1.000 1.000 1.000	1.000 1.000 1.000	1.000 1.000 1.000	1.000 1.000 1.000	1.000 1.000 1.000	1.000 1.000 1.000	0.999 1.000 1.000	0.999 1.000 1.000	0.998 0.999 1.000	0.997 0.999 1.000

				Table	III: co	ntinue	gi .			
X	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0
0 1 2 3 4	0.015 0.078 0.210 0.395 0.590	0.012 0.066 0.185 0.359 0.551	0.010 0.056 0.163 0.326 0.513	0.008 0.048 0.143 0.294 0.476	0.007 0.040 0.125 0.265 0.440	0.006 0.034 0.109 0.238 0.406	0.005 0.029 0.095 0.213 0.373	0.004 0.024 0.082 0.191 0.342	0.003 0.021 0.072 0.170 0.313	0.002 0.017 0.062 0.151 0.285
5 6 7 8 9	0.753 0.867 0.936 0.972 0.989	0.720 0.844 0.921 0.964 0.985	0.686 0.818 0.905 0.955 0.980	0.651 0.791 0.887 0.944 0.975	0.616 0.762 0.867 0.932 0.968	0.581 0.732 0.845 0.918 0.960	0.546 0.702 0.822 0.903 0.951	0.512 0.670 0.797 0.886 0.941	0.478 0.638 0.771 0.867 0.929	0.446 0.606 0.744 0.847 0.916
10 11 12 13 14 15 16	0.996 0.999 1.000 1.000 1.000 1.000 1.000	0.994 0.998 0.999 1.000 1.000 1.000	0.992 0.997 0.999 1.000 1.000 1.000	0.990 0.996 0.999 1.000 1.000 1.000	0.986 0.995 0.998 0.999 1.000 1.000	0.982 0.993 0.997 0.999 1.000 1.000	0.977 0.990 0.996 0.999 0.999 1.000 1.000	0.972 0.988 0.995 0.998 0.999 1.000 1.000	0.965 0.984 0.993 0.997 0.999 1.000 1.000	0.957 0.980 0.991 0.996 0.999 0.999 1.000
\overline{x}	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.002 0.011 0.043 0.112 0.224 0.369 0.527 0.673 0.792 0.877 0.933 0.966 0.984 0.993 0.997	0.001 0.007 0.030 0.082 0.173 0.301 0.450 0.599 0.729 0.830 0.901 0.947 0.973 0.987 0.994	0.001 0.005 0.020 0.059 0.132 0.241 0.378 0.525 0.662 0.776 0.862 0.921 0.957 0.978 0.990	0.000 0.003 0.014 0.042 0.100 0.191 0.313 0.453 0.717 0.816 0.888 0.936 0.966 0.983	0.000 0.002 0.009 0.030 0.074 0.150 0.256 0.386 0.523 0.653 0.763 0.849 0.909 0.949 0.973	0.000 0.001 0.006 0.021 0.055 0.116 0.207 0.324 0.456 0.587 0.706 0.803 0.876 0.926 0.959	0.000 0.001 0.004 0.015 0.040 0.089 0.165 0.269 0.392 0.522 0.645 0.752 0.836 0.898 0.940	0.000 0.000 0.003 0.010 0.029 0.067 0.130 0.220 0.333 0.458 0.583 0.697 0.792 0.864 0.917	0.000 0.000 0.002 0.007 0.021 0.050 0.102 0.179 0.279 0.397 0.521 0.639 0.742 0.825 0.888	0.000 0.000 0.001 0.005 0.015 0.038 0.079 0.143 0.232 0.341 0.460 0.579 0.689 0.781 0.854
15 16 17 18 19 20 21 22 23	0.999 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.998 0.999 1.000 1.000 1.000 1.000 1.000 1.000	0.995 0.998 0.999 1.000 1.000 1.000 1.000 1.000	0.992 0.996 0.998 0.999 1.000 1.000 1.000 1.000	0.986 0.993 0.997 0.999 0.999 1.000 1.000 1.000	0.978 0.989 0.995 0.998 0.999 1.000 1.000 1.000	0.967 0.982 0.991 0.096 0.998 0.999 1.000 1.000	0.951 0.973 0.986 0.993 0.997 0.998 0.999 1.000 1.000	0.932 0.960 0.978 0.988 0.994 0.997 0.999 1.000	0.907 0.944 0.968 0.982 0.991 0.995 0.998 0.999 1.000

				Table	III: co	ntinued	d			
x	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0
0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000
4	0.011	0.008	0.005	0.004	0.003	0.002	0.001	0.001	0.001	0.000
5	0.028	0.020	0.015	0.011	0.008	0.006	0.004	0.003	0.002	0.001
6	0.060	0.046	0.035	0.026	0.019	0.014	0.010	0.008	0.006	0.004
7	0.114	0.090	0.070	0.054	0.041	0.032	0.024	0.018	0.013	0.010
8	0.191	0.155	0.125	0.100	0.079	0.062	0.048	0.037	0.029	0.022
9	0.289	0.242	0.201	0.166	0.135	0.109	0.088	0.070	0.055	0.043
10	0.402	0.347	0.297	0.252	0.211	0.176	0.145	0.118	0.096	0.077
11	0.520	0.462	0.406	0.353	0.304	0.260	0.220	0.185	0.154	0.127
12	0.633	0.576	0.519	0.463	0.409	0.358	0.311	0.268	0.228	0.193
13	0.733	0.682	0.629	0.573	0.518	0.464	0.413	0.363	0.317	0.275
14	0.815	0.772	0.725	0.675	0.623	0.570	0.518	0.466	0.415	0.368
15	0.878	0.844	0.806	0.764	0.718	0.669	0.619	0.568	0.517	0.467
16	0.924	0.899	0.869	0.835	0.798	0.756	0.711	0.664	0.615	0.566
17	0.954	0.937	0.916	0.890	0.861	0.827	0.790	0.749	0.705	0.659
18	0.974	0.963	0.948	0.930	0.908	0.883	0.853	0.819	0.782	0.742
19	0.986	0.979	0.969	0.957	0.942	0.923	0.901	0.875	0.846	0.812
20	0.992	0.988	0.983	0.975	0.965	0.952	0.936	0.917	0.894	0.868
21	0.996	0.994	0.991	0.986	0.980	0.971	0.960	0.947	0.930	0.911
22	0.999	0.997	0.995	0.992	0.989	0.983	0.976	0.967	0.956	0.942
23	0.999	0.999	0.998	0.996	0.994	0.991	0.986	0.981	0.973	0.963
24	1.000	0.999	0.999	0.998	0.997	0.995	0.992	0.989	0.984	0.978
25	1.000	1.000	0.999	0.999	0.998	0.997	0.996	0.994	0.991	0.987
26	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.997	0.995	0.993
27	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.998	0.997	0.996
28	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999	0.998
29	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999
30 31 32 33 34 35	1.000 1.000 1.000 1.000 1.000 1.000	1.000 1.000 1.000 1.000 1.000	0.999 1.000 1.000 1.000 1.000							