

Table 9.7 Expected frequency of Taco Bell Curve drive-in arrivals, assuming a Poisson distribution with $\mu = 6.44$

Number of cars	Poisson probability $p(x)$	Expected number of 10-minute periods with x car arrivals, $100p(x)$
0	0.002	0.160
1	0.010	1.028
2	0.033	3.310
3	0.071	7.106
4	0.114	11.441
5	0.147	14.736
6	0.158	15.817
7	0.146	14.552
8	0.117	11.714
9	0.084	8.382
10	0.054	5.398
11	0.032	3.160
12	0.017	1.696
13 or more	0.015	1.498
Totals	1.000	100