

<b>Chapter 11 Learning Objectives</b>	<b>Section</b>	<b>Related Example on Page(s)</b>	<b>Relevant Chapter Review Exercise(s)</b>	<b>Can I do this?</b>
State appropriate hypotheses and compute expected counts for a chi-square test for goodness of fit.	11.1	681	R11.1	
Calculate the chi-square statistic, degrees of freedom, and $P$ -value for a chi-square test for goodness of fit.	11.1	683, 685	R11.1	
Perform a chi-square test for goodness of fit.	11.1	688	R11.1	
Conduct a follow-up analysis when the results of a chi-square test are statistically significant.	11.1, 11.2	Discussion on 690–691, 716	R11.4	
Compare conditional distributions for data in a two-way table.	11.2	697, 711	R11.3, R11.5	
State appropriate hypotheses and compute expected counts for a chi-square test based on data in a two-way table.	11.2	701, 713	R11.2, R11.3, R11.4, R11.5	
Calculate the chi-square statistic, degrees of freedom, and $P$ -value for a chi-square test based on data in a two-way table.	11.2	704	R11.3, R11.5	
Perform a chi-square test for homogeneity.	11.2	708	R11.3	
Perform a chi-square test for independence.	11.2	715	R11.5	
Choose the appropriate chi-square test.	11.2	718	R11.4	