

---

# Population Forecasting - an Exercise

---

An example of the Housing Unit Method

# Question and Basic Data

- Given the following data regarding the city of CSUF, what is your forecast of the population for the year 2007? Assume that the normal vacancy in housing units is 5.0%. Is the Department of Finance projection accurate?

Year	Dept of Finance Projection	Residential Permits Issued	Persons per Household
2003	127,540	1,243	2.784
2004	130,163	1,555	2.808
2005	133,741	1,793	2.841
2006	136,577		2.862
2007			

# Analysis and Conclusion

Year	Dept of Finance Projection	Residential Permits Issued	Persons per Household	New Occupied Housing Units	Indicated Population Increase	Population Projection for CSUF City
2003	127,540	1,243	2.784	1,181	3,287	
2004	130,163	1,555	2.808	1,477	4,148	130,827
2005	133,741	1,793	2.841	1,703	4,839	134,976
2006	136,577		2.862			139,815
2007						
		Vacancy factor 5.0%				

---

# Thoughts and Questions

- Can you actually forecast the 2007 population with the data available?
  - What are some of the other observations that can be made from the data set?
  - If the Dept. of Finance projection is correct, what do you expect to observe when researching new housing supply?
-