

## Business Statistics and Analysis

**Are there differences in the Market Values of occupied versus vacant housing units?**

Is there a pattern in these differences over the period 2005 through 2013?

## Business Statistics and Analysis

*Are there differences in the Market Values of occupied versus vacant housing units?*

*Is there a pattern in these differences over the period 2005 through 2013?*

## Business Statistics and Analysis

Are there differences in the Market Values of occupied versus vacant housing units?

Is there a pattern in these differences over the period 2005 through 2013?

**VALUE:** *Current Market Value of the Housing Unit*

**STATUS:** *Whether the Housing Unit is “Occupied” or “Vacant”*

## Business Statistics and Analysis

*Are there differences in the Market Values of occupied versus vacant housing units?*

*Is there a pattern in these differences over the period 2005 through 2013?*

**VALUE:** *Current Market Value of the Housing Unit*

**STATUS:** *Whether the Housing Unit is “Occupied” or “Vacant”*

# Business Statistics and Analysis

**Your analysis should fall under four categories...**

1. Summarize the data for the VALUE and STATUS variables
  - *Basic descriptive statistics.*
  - *Graphical summary.*
2. Test for differences in the variable VALUE between 'occupied' and 'vacant' housing units.
3. Do the above analysis separately for all five years, 2005 through 2013.
4. Prepare a brief summary report, which includes the above categories.

# Business Statistics and Analysis

**Your analysis should fall under four categories...**

**1. Summarize the data for the VALUE and STATUS variables**

- *Basic descriptive statistics.*
- *Graphical summary.*

**2. Test for differences in the variable VALUE between 'occupied' and 'vacant' housing units.**

**3. Do the above analysis separately for all five years, 2005 through 2013.**

**4. Prepare a brief summary report, which includes the above categories.**

# Business Statistics and Analysis

**Your analysis should fall under four categories...**

**1. Summarize the data for the VALUE and STATUS variables**

- *Basic descriptive statistics.*
- *Graphical summary.*

2. Test for differences in the variable VALUE between 'occupied' and 'vacant' housing units.

3. Do the above analysis separately for all five years, 2005 through 2013.

4. Prepare a brief summary report, which includes the above categories.

# Business Statistics and Analysis

**Your analysis should fall under four categories...**

1. Summarize the data for the VALUE and STATUS variables
  - *Basic descriptive statistics.*
  - *Graphical summary.*
2. Test for differences in the variable VALUE between 'occupied' and 'vacant' housing units.
3. Do the above analysis separately for all five years, 2005 through 2013.
4. Prepare a brief summary report, which includes the above categories.



# Business Statistics and Analysis

**Your analysis should fall under four categories...**

1. Summarize the data for the VALUE and STATUS variables

- *Basic descriptive statistics.*

- *Graphical summary.*

2. Test for differences in the variable VALUE between 'occupied' and 'vacant' housing units.

**3. Do the above analysis separately for all five years, 2005 through 2013.**

4. Prepare a brief summary report, which includes the above categories.

# Business Statistics and Analysis

**Your analysis should fall under four categories...**

1. Summarize the data for the VALUE and STATUS variables

- *Basic descriptive statistics.*

- *Graphical summary.*

2. Test for differences in the variable VALUE between 'occupied' and 'vacant' housing units.

3. Do the above analysis separately for all five years, 2005 through 2013.

**4. Prepare a brief summary report, which includes the above categories.**

# Business Statistics and Analysis

## 'Missing' or 'Suspect' data

- ❑ Many housing units may have a negative or very low 'Current Market Value' (VALUE).
- ❑ For our analysis we will delete all housing units which have a market value of less than 1,000\$.

# Business Statistics and Analysis

## 'Missing' or 'Suspect' data

- ❑ Many housing units may have a negative or very low 'Current Market Value' (VALUE).
- ❑ For our analysis we will delete all housing units which have a market value of less than 1,000\$.

# Business Statistics and Analysis

## 'Missing' or 'Suspect' data

- ❑ Many housing units may have a negative or very low 'Current Market Value' (VALUE).
- ❑ For our analysis we will delete all housing units which have a market value of less than 1,000\$.