

Migration_Data_Processing - 1

```
Sub Extract_County_Data()
```

```
State_List = Array("Alabama", "Alaska", "Arizona", "Arkansas", "California", "Colorado", "Connecticut", "Delaware", _  
                  "District of Columbia", "Florida", "Georgia", "Hawaii", "Idaho", "Illinois", "Indiana", "Iowa", _  
                  "Kansas", "Kentucky", "Louisiana", "Maine", "Maryland", "Massachusetts", "Michigan", "Minnesota", _  
                  "Mississippi", "Missouri", "Montana", "Nebraska", "Nevada", "New Hampshire", "New Jersey", _  
                  "New Mexico", "New York", "North Carolina", "North Dakota", "Ohio", "Oklahoma", "Oregon", _  
                  "Pennsylvania", "Rhode Island", "South Carolina", "South Dakota", "Tennessee", "Texas", "Utah", _  
                  "Vermont", "Virginia", "Washington", "West Virginia", "Wisconsin", "Wyoming")
```

```
For Each State In State_List
```

```
    Sheets(State).Activate  
    Range("A1").Select  
    ActiveWindow.FreezePanels = False  
    Cells.Select  
    With Selection  
        .UnMerge  
        .RowHeight = 20
```

```
    End With  
    Rows("3:3").Delete Shift:=xlUp  
    Rows("1:1").Delete Shift:=xlUp
```

```
    ' Delete footnotes and other text at bottom of table
```

```
    Cells(Rows.Count, 1).End(xlUp).Select
```

```
    SC = 0
```

```
    Data_Found = False
```

```
    Do
```

```
        SC = SC + 1
```

```
    ' If InStr("0123456789", Mid(ActiveCell.Value, 1, 1)) > 0 Then
```

```
        If Len(ActiveCell) = 3 Then
```

```
            Data_Found = True
```

```
        Else
```

```
            ActiveCell.EntireRow.Delete
```

```
            ActiveCell.Offset(-1, 0).Select
```

```
        End If
```

```
    Loop Until Data_Found Or SC > 50
```

```
Columns_To_Keep = Array("State Code of Geography A", "FIPS County Code of Geography A", "State/U.S. Island Area/Foreign Region of Geography B", _
```

```
                        "FIPS County Code of Geography B", "State Name of Geography A", "County Name of Geography A", _
```

```
                        "State/U.S. Island Area/Foreign Region of Geography B", "County Name of Geography B", "Flow from Geography B to Geography A")
```

```
Range("A1").Select
```

```
Columns_Found = 0
```

```
Safety_Counter = 0
```

```
' Keep selected columns
```

```
Do
```

```
    If IsNumeric(Application.Match(ActiveCell.Value, Columns_To_Keep, 0)) Then
```

```
        Columns_Found = Columns_Found + 1
```

```
        ActiveCell.Offset(0, 1).Select
```

```
        Safety_Counter = 0
```

```
    Else
```

```
        ActiveCell.EntireColumn.Delete
```

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```
        Safety_Counter = Safety_Counter + 1
    End If
Loop Until Safety_Counter = 10      ' Stop looping after reviewing ten blank columns since you have reached the end of the data s
et
'
' Copy data and paste in 'Dataset' worksheet
Range("A1").Select
Row_Offset = ActiveCell.End(xlDown).Row - 2
Column_Offset = ActiveCell.End(xlToRight).Column - 1
Range(Range("A2"), Range("A2").Offset(Row_Offset, Column_Offset)).Select
Selection.Copy
Sheets("Dataset").Activate
Cells(Rows.Count, 1).Select
ActiveCell.End(xlUp).Offset(1, 0).Select
ActiveCell.PasteSpecial (xlPasteAll)
Application.CutCopyMode = False
Next State
ActiveWorkbook.Save
'
End Sub
```