Housing Tax Credit Investments: Investment and Operational Performance

**STATE BY STATE SUMMARIES** 

A CohnReznick LLP Report Tax Credit Investment Services APRIL 2018



ACCOUNTING • TAX • ADVISORY

## Alabama

Alabama

National

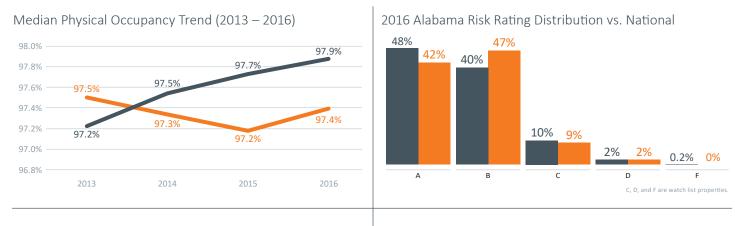
#### 404 PROPERTY COUNT

23,394 TOTAL UNITS

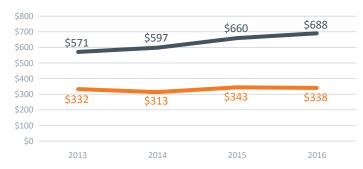
58 AVERAGE UNIT PER PROPERTY

\$3,833,787 AVERAGE NET EQUITY PER PROPERTY

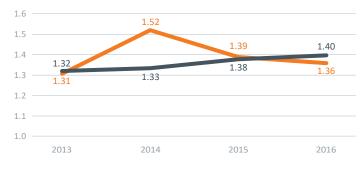
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

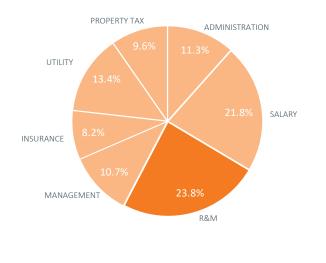




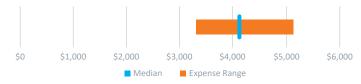


## **OPERATING EXPENSES**

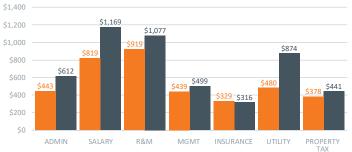
#### 2016 Alabama Gross Median Operating Expense Distribution







2016 Expenses by Category



## Alaska

**57 PROPERTY COUNT** 

42 AVERAGE UNIT PER PROPERTY

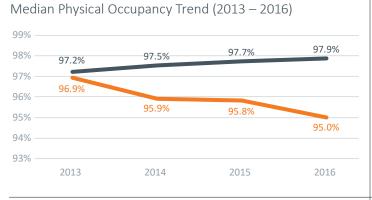
2,368 TOTAL UNITS



Alaska

National

## **OPERATING PERFORMANCE**

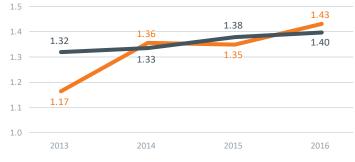


2016 Alaska Risk Rating Distribution vs. National 48% 48% 44% 40% 10% 6% 2% 2% 0.2% 0% Α В С C, D, and F are watch list properties

#### Median Per Unit Cash Flow Trend (2013 – 2016)

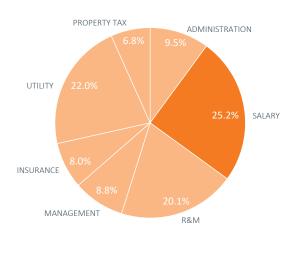




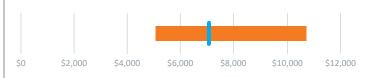


### **OPERATING EXPENSES**

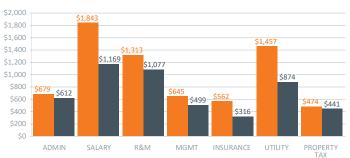
#### 2016 Alaska Gross Median Operating Expense Distribution



#### 2016 Alaska Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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## Arizona

Arizona

National

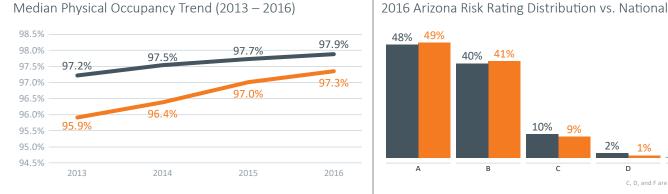
#### 242 PROPERTY COUNT

**19,379 TOTAL UNITS** 

**80 AVERAGE UNIT PER PROPERTY** 

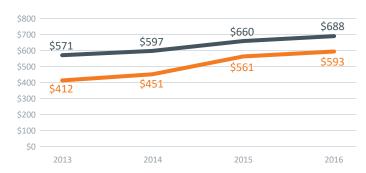
\$5,667,500 AVERAGE NET EQUITY PER PROPERTY

**OPERATING PERFORMANCE** 

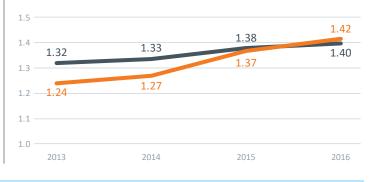


#### 10% 9% 2% 1% 0.2% F C D C, D, and F are watch list properties

#### Median Per Unit Cash Flow Trend (2013 – 2016)

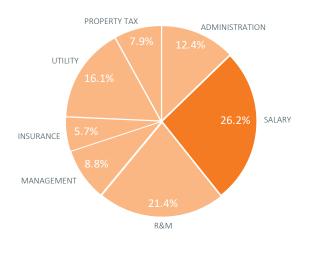




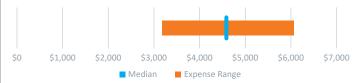


### **OPERATING EXPENSES**

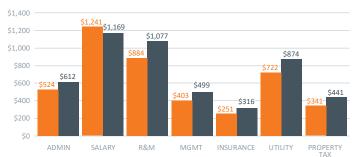
#### 2016 Arizona Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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0%

## Arkansas

Arkansas

**328 PROPERTY COUNT** 

15,898 TOTAL UNITS

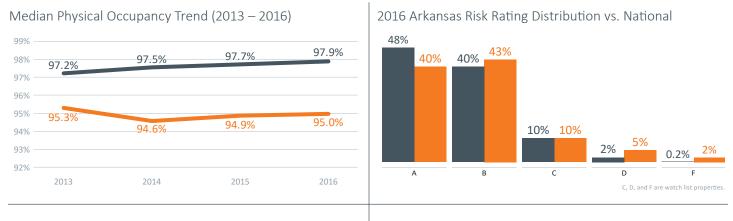
48 AVERAGE UNIT PER PROPERTY

\$2,191,723 AVERAGE NET EQUITY PER PROPERTY

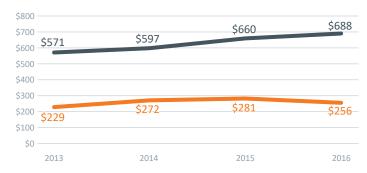
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### OPERATING PERFORMANCE

National



#### Median Per Unit Cash Flow Trend (2013 - 2016)

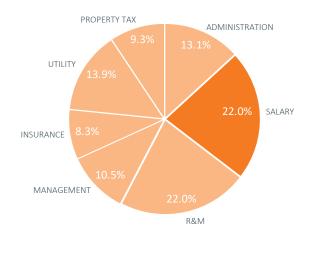


#### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

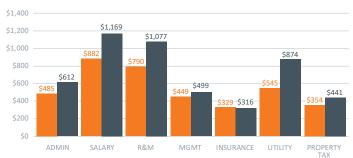
#### 2016 Arkansas Gross Median Operating Expense Distribution



#### 2016 Arkansas Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## California

California

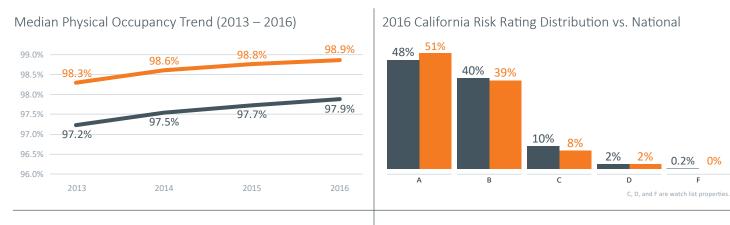
210,941 TOTAL UNITS 85 AVERAGE UNIT PER PROPERTY

2,490 PROPERTY COUNT

\$6,486,293 AVERAGE NET EQUITY PER PROPERTY

National

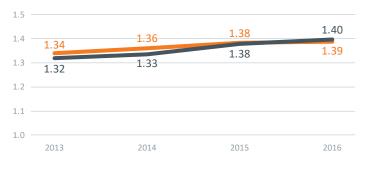
## OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

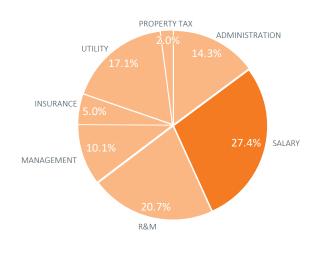


#### Median DCR Trend (2013 – 2016)



### **OPERATING EXPENSES**

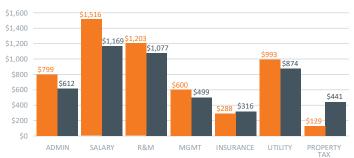
2016 California Gross Median Operating Expense Distribution







2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## Colorado

Colorado

National

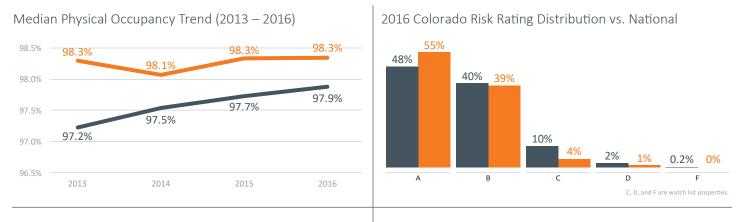
#### **339 PROPERTY COUNT**

28,252 TOTAL UNITS

83 AVERAGE UNIT PER PROPERTY

#### \$5,310,510 AVERAGE NET EQUITY PER PROPERTY

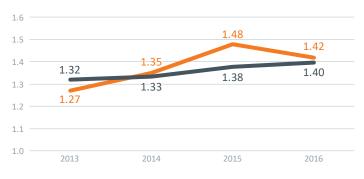
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

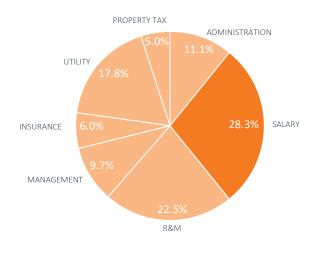


#### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

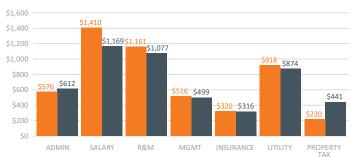
2016 Colorado Gross Median Operating Expense Distribution



#### 2016 Colorado Gross Operating Expense Range



#### 2016 Expenses by Category



## Connecticut

Connecticut

National

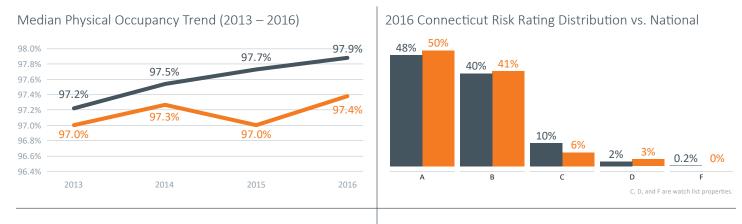
#### **190 PROPERTY COUNT**

15,183 TOTAL UNITS

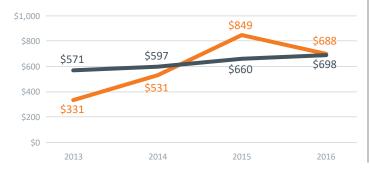
80 AVERAGE UNIT PER PROPERTY

\$5,866,932 AVERAGE NET EQUITY PER PROPERTY

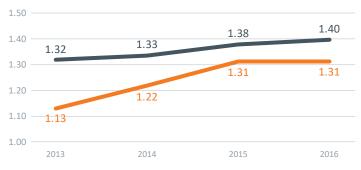
OPERATING PERFORMANCE





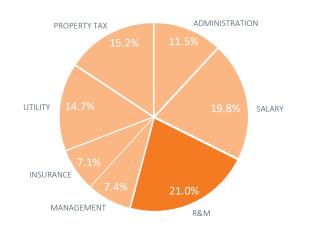


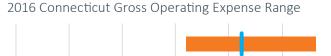
#### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

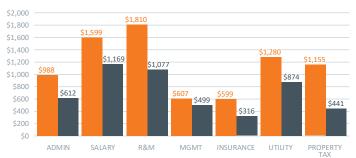
2016 Connecticut Gross Median Operating Expense Distribution







2016 Expenses by Category



## Delaware

Delaware

National

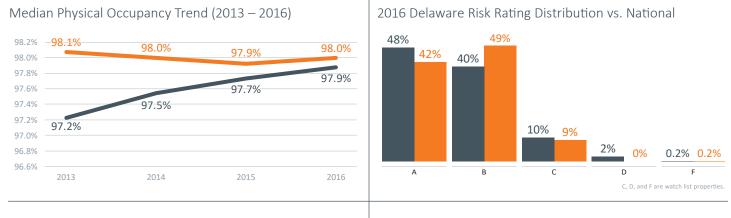
#### **109 PROPERTY COUNT**

6,729 TOTAL UNITS

62 AVERAGE UNIT PER PROPERTY

\$3,265,643 AVERAGE NET EQUITY PER PROPERTY

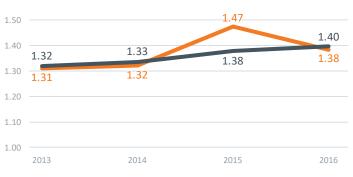
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

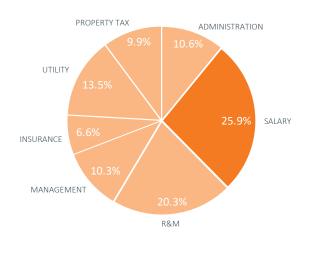


#### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

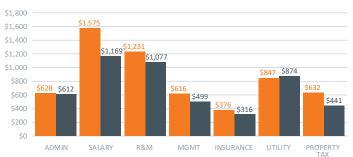
#### 2016 Delaware Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## Florida

Florida

\$1,600

\$1.400

\$1,200 \$1.000 -\$835

\$800

\$600

\$400

\$200

\$0

\$571

744 PROPERTY COUNT

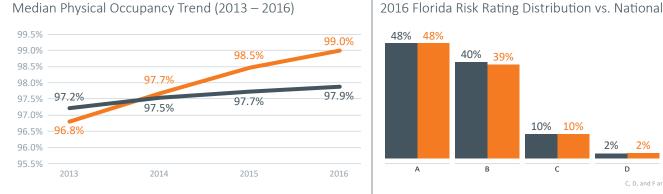
**104,767 TOTAL UNITS** 

**141 AVERAGE UNIT PER PROPERTY** 

\$7,500,919 AVERAGE NET EQUITY PER PROPERTY

National

## **OPERATING PERFORMANCE**

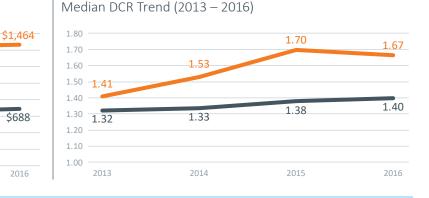


\$1,438

\$660

2015

## Median Per Unit Cash Flow Trend (2013 – 2016)



2%

D

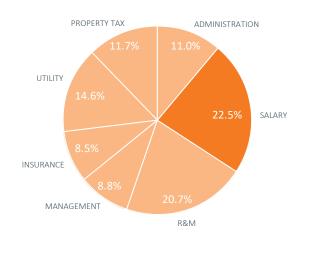
## **OPERATING EXPENSES**

\$1.136

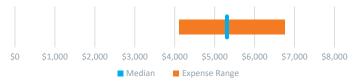
\$597

2014

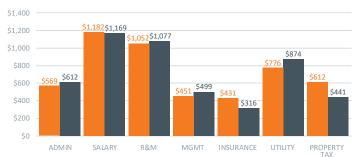
#### 2016 Florida Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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0.2% 0.2%

F

C, D, and F are watch list properties

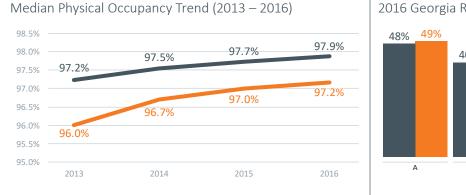
## Georgia

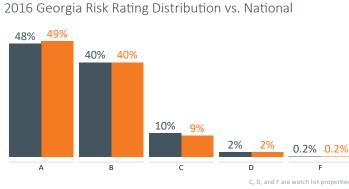
Georgia

National

# 599 PROPERTY COUNT 59,673 TOTAL UNITS 100 AVERAGE UNIT PER PROPERTY \$4,135,426 AVERAGE NET EQUITY PER PROPERTY

OPERATING PERFORMANCE

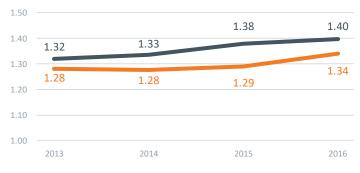




#### Median Per Unit Cash Flow Trend (2013 – 2016)

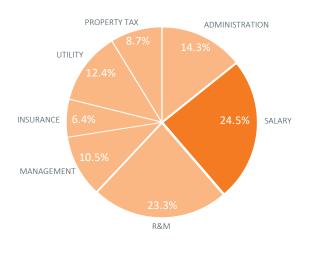






## **OPERATING EXPENSES**

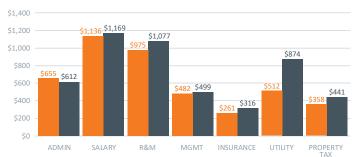
#### 2016 Georgia Gross Median Operating Expense Distribution



#### 2016 Georgia Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## Guam

**10 PROPERTY COUNT** 

**95 AVERAGE UNIT PER PROPERTY** 

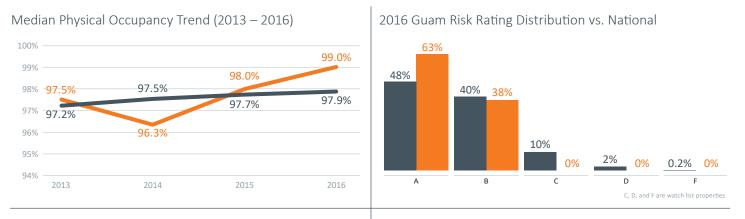
946 TOTAL UNITS



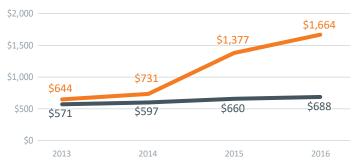
Guam

National

## **OPERATING PERFORMANCE**





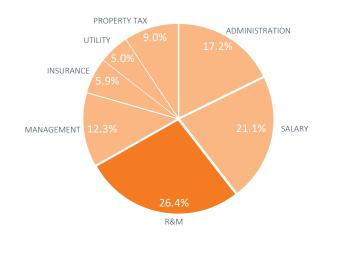


### Median DCR Trend (2013 - 2016)



## **OPERATING EXPENSES**

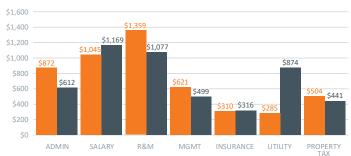
#### 2016 Guam Gross Median Operating Expense Distribution



#### 2016 Guam Gross Operating Expense Range



#### 2016 Expenses by Category



## Hawaii

**47 PROPERTY COUNT** 

5,075 TOTAL UNITS



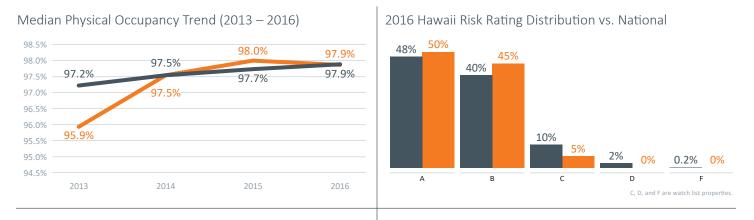
Hawaii

National

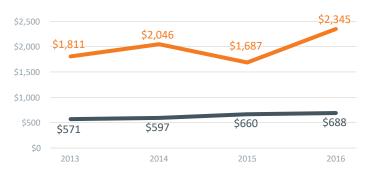
#### \$9,082,377 AVERAGE NET EQUITY PER PROPERTY

**108 AVERAGE UNIT PER PROPERTY** 

**OPERATING PERFORMANCE** 



#### Median Per Unit Cash Flow Trend (2013 – 2016)

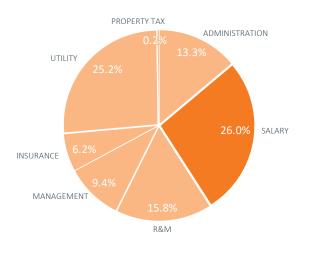




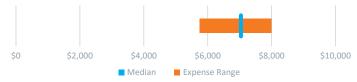


### **OPERATING EXPENSES**

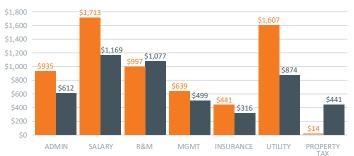
2016 Hawaii Gross Median Operating Expense Distribution



2016 Hawaii Gross Operating Expense Range



2016 Expenses by Category



## Idaho

**123 PROPERTY COUNT** 

**47** AVERAGE UNIT PER PROPERTY

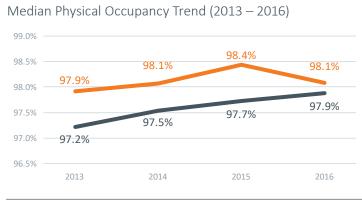
5,787 TOTAL UNITS

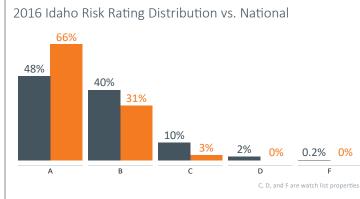
\$3,015,055 AVERAGE NET EQUITY PER PROPERTY

Idaho

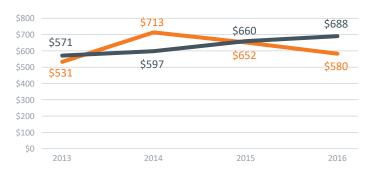
National

## **OPERATING PERFORMANCE**

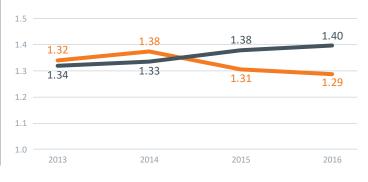




#### Median Per Unit Cash Flow Trend (2013 – 2016)

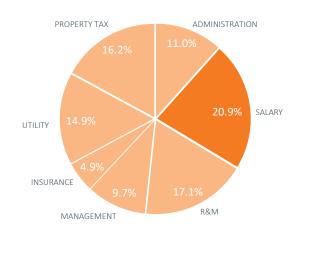


#### Median DCR Trend (2013 - 2016)



### **OPERATING EXPENSES**

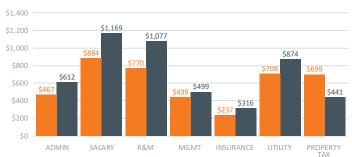
#### 2016 Idaho Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



## Illinois

Illinois

699 PROPERTY COUNT

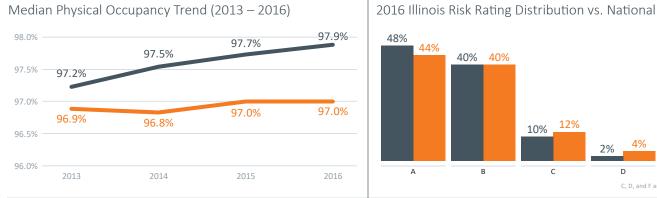
**62,151 TOTAL UNITS** 

**89 AVERAGE UNIT PER PROPERTY** 

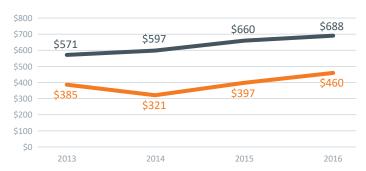
\$6,001,342 AVERAGE NET EQUITY PER PROPERTY

National

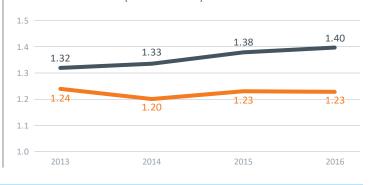
## **OPERATING PERFORMANCE**



#### Median Per Unit Cash Flow Trend (2013 – 2016)







12%

4%

0.2% 0.2%

E

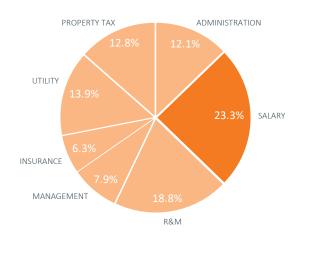
C, D, and F are watch list properties

2%

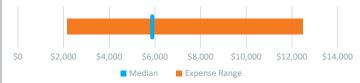
D

## **OPERATING EXPENSES**

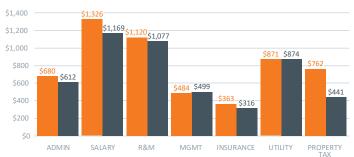
#### 2016 Illinois Gross Median Operating Expense Distribution







2016 Expenses by Category



## Indiana

Indiana

502 PROPERTY COUNT

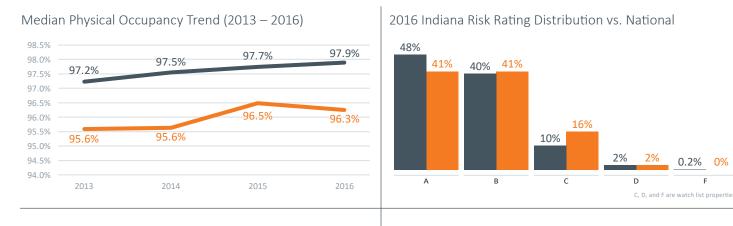
35,759 TOTAL UNITS

71 AVERAGE UNIT PER PROPERTY

\$4,324,707 AVERAGE NET EQUITY PER PROPERTY

**OPERATING PERFORMANCE** 

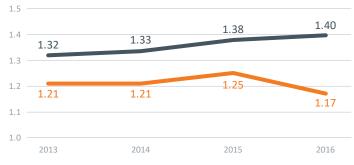
National



#### Median Per Unit Cash Flow Trend (2013 - 2016)

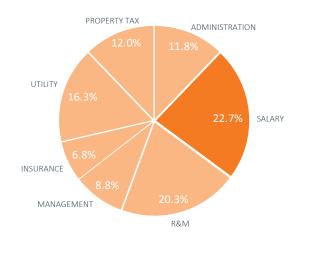


## Median DCR Trend (2013 – 2016)



### **OPERATING EXPENSES**

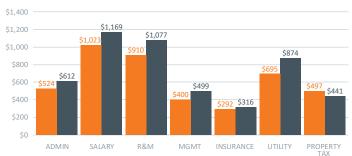
#### 2016 Indiana Gross Median Operating Expense Distribution



#### 2016 Indiana Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

The Low-Income Housing Tax Credit Program | March 2018

## lowa

lowa

**361 PROPERTY COUNT** 

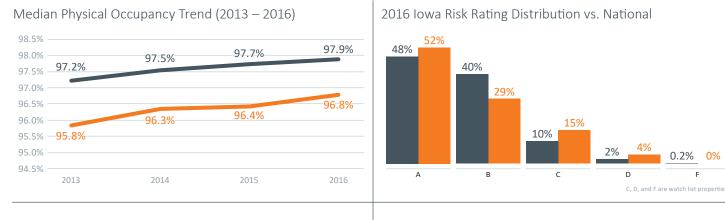
15,710 TOTAL UNITS

44 AVERAGE UNIT PER PROPERTY

\$3,020,368 AVERAGE NET EQUITY PER PROPERTY

National

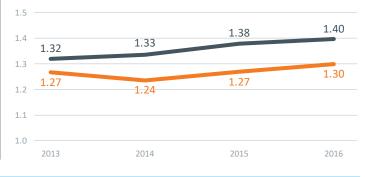
## OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

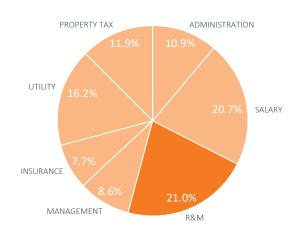






## **OPERATING EXPENSES**

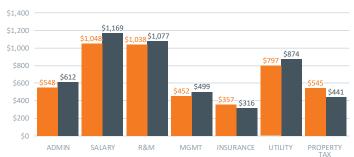
#### 2016 Iowa Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### The Low-Income Housing Tax Credit Program | March 2018

### COHN REZNICK

## Kansas

**330 PROPERTY COUNT** 

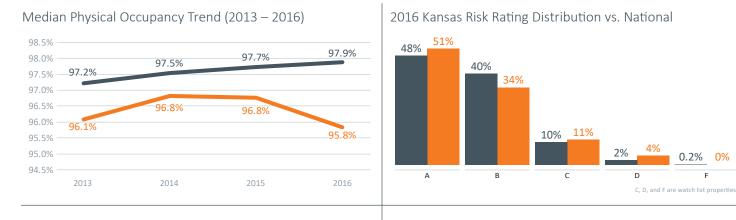
**15,657 TOTAL UNITS** 

**47** AVERAGE UNIT PER PROPERTY \$2,506,780 AVERAGE NET EQUITY PER PROPERTY

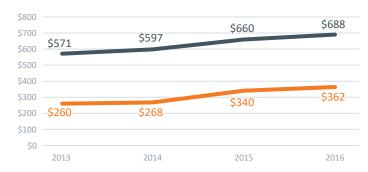
Kansas

National

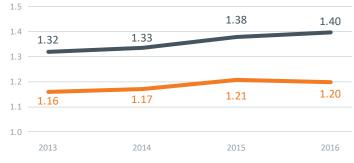
## **OPERATING PERFORMANCE**



#### Median Per Unit Cash Flow Trend (2013 – 2016)

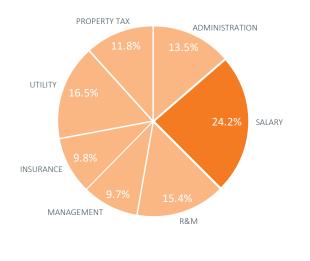


## Median DCR Trend (2013 - 2016)



## **OPERATING EXPENSES**

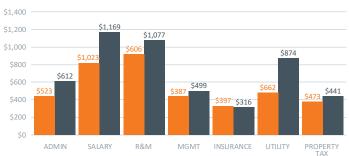
#### 2016 Kansas Gross Median Operating Expense Distribution



#### 2016 Kansas Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

0.2%

F

0%

## Kentucky

Kentucky

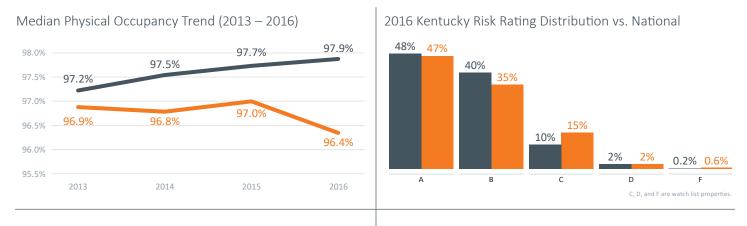
National

#### 412 PROPERTY COUNT

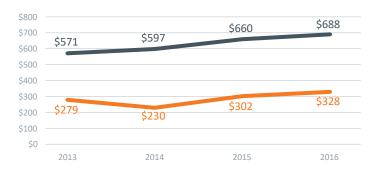
19,715 TOTAL UNITS

48 AVERAGE UNIT PER PROPERTY \$2,784,301 AVERAGE NET EQUITY PER PROPERTY

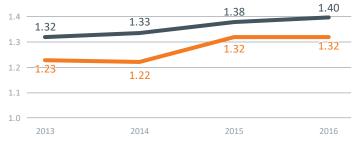
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

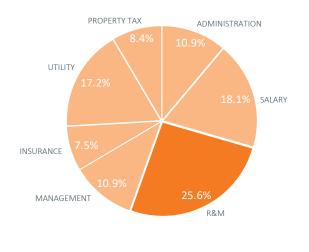


## Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

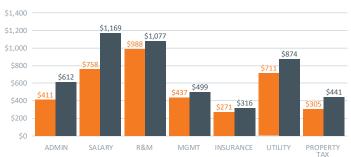
2016 Kentucky Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## Louisiana

Louisiana

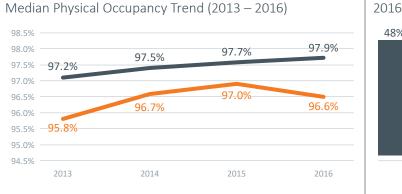
National

#### **522 PROPERTY COUNT**

32,919 TOTAL UNITS

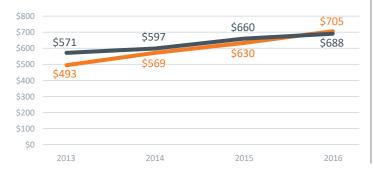
**63** AVERAGE UNIT PER PROPERTY \$4,848,521 AVERAGE NET EQUITY PER PROPERTY

## **OPERATING PERFORMANCE**

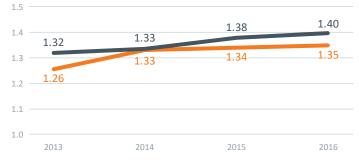


2016 Louisiana Risk Rating Distribution vs. National 48% 43% 40% 36% 17% 10% 3% 2% 0.2% 0% A В С D F C, D, and F are watch list properties

#### Median Per Unit Cash Flow Trend (2013 – 2016)

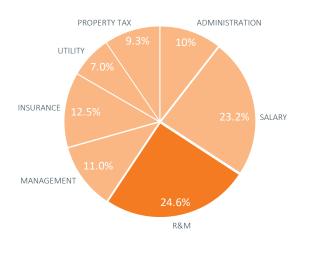




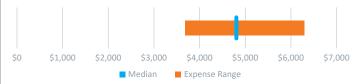


## **OPERATING EXPENSES**

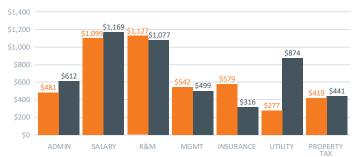
#### 2016 Louisiana Gross Median Operating Expense Distribution



2016 Louisiana Gross Operating Expense Range



2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

#### The Low-Income Housing Tax Credit Program | March 2018

#### COHN **REZNICK** ACCOUNTING • TAX • ADVISORY

## Maine

**177** PROPERTY COUNT

6,715 TOTAL UNITS

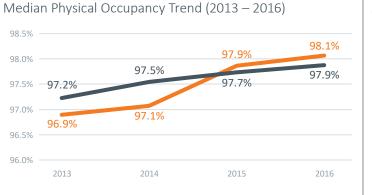
**38 AVERAGE UNIT PER PROPERTY** 

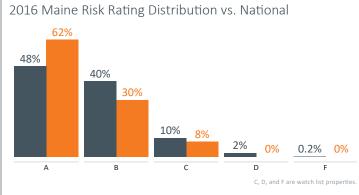
\$2,878,475 AVERAGE NET EQUITY PER PROPERTY

Maine

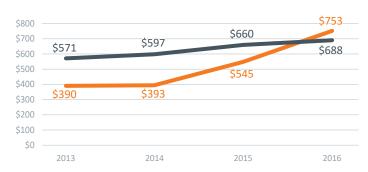
#### National

### OPERATING PERFORMANCE

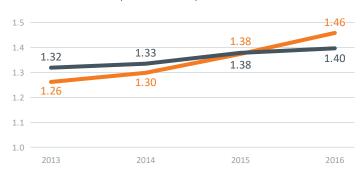




#### Median Per Unit Cash Flow Trend (2013 - 2016)

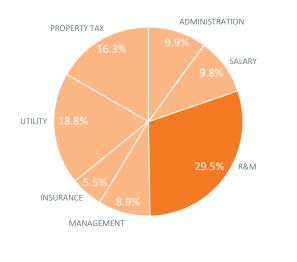


#### Median DCR Trend (2013 – 2016)

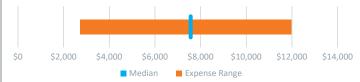


### **OPERATING EXPENSES**

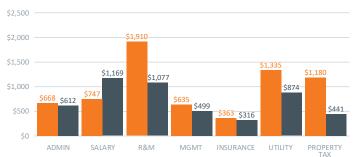
#### 2016 Maine Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### The Low-Income Housing Tax Credit Program | March 2018

### COHN REZNICK

## Maryland

**451 PROPERTY COUNT** 

**94 AVERAGE UNIT PER PROPERTY** 

\$5,033,656 AVERAGE NET EQUITY PER PROPERTY

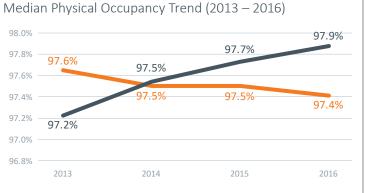
42,601 TOTAL UNITS

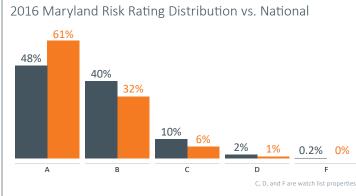
Maryland

National

## **OPERATING PERFORMANCE**

Median Per Unit Cash Flow Trend (2013 – 2016)



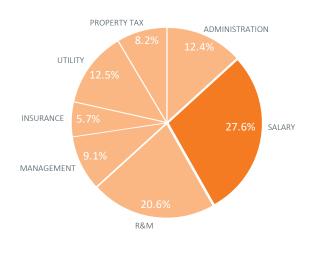


#### Median DCR Trend (2013 - 2016)



## **OPERATING EXPENSES**

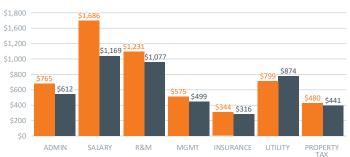
2016 Maryland Gross Median Operating Expense Distribution



2016 Maryland Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

#### The Low-Income Housing Tax Credit Program | March 2018

#### COHN **REZNICK** ACCOUNTING • TAX • ADVISORY

## Massachusetts

Massachusetts

National

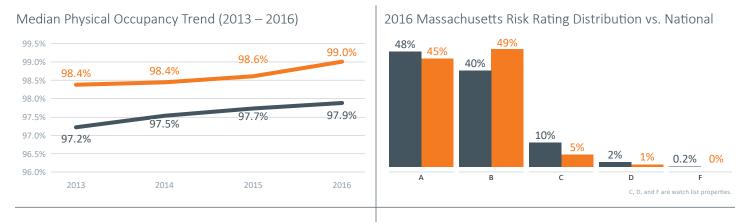
#### 531 PROPERTY COUNT

48,217 TOTAL UNITS



91 AVERAGE UNIT PER PROPERTY \$7,216,904 AVERAGE NET EQUITY PER PROPERTY

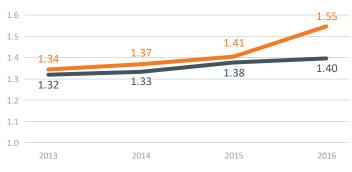
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

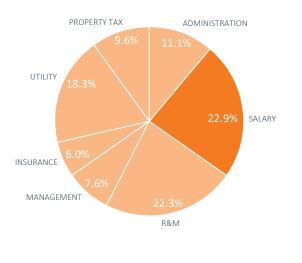


#### Median DCR Trend (2013 – 2016)



### **OPERATING EXPENSES**

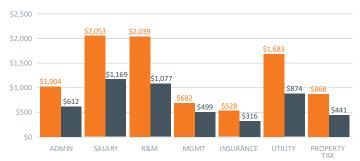
#### 2016 Mass. Gross Median Operating Expense Distribution



2016 Massachusetts Gross Operating Expense Range



#### 2016 Expenses by Category



## Michigan

921 PROPERTY COUNT

**71 AVERAGE UNIT PER PROPERTY** 

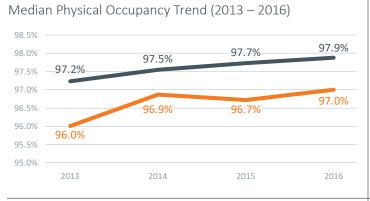
**65,271 TOTAL UNITS** 



Michigan

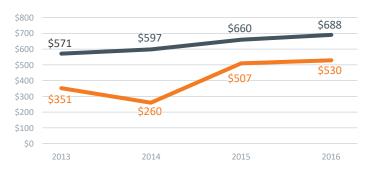
National

## **OPERATING PERFORMANCE**

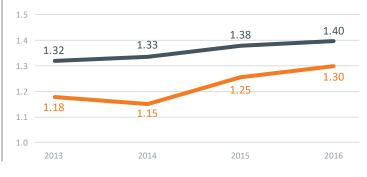


2016 Michigan Risk Rating Distribution vs. National 48% 47% 40% 39% 10% 9% 4% 2% 1.1% 0.2% А В С D F C, D, and F are watch list properties



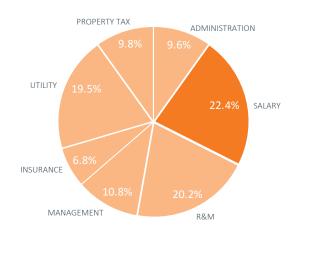






## **OPERATING EXPENSES**

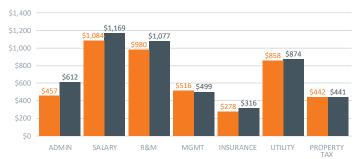
#### 2016 Michigan Gross Median Operating Expense Distribution



2016 Michigan Gross Operating Expense Range



2016 Expenses by Category



## Minnesota

Minnesota

National

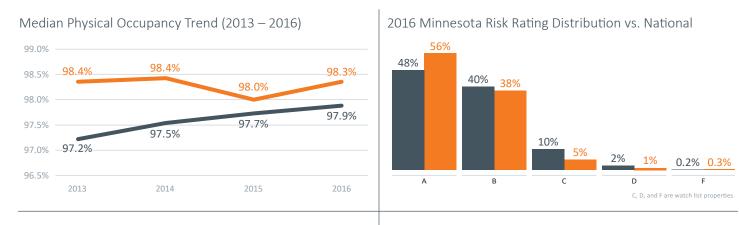
#### 481 PROPERTY COUNT

31,495 TOTAL UNITS

65 AVERAGE UNIT PER PROPERTY

\$3,379,491 AVERAGE NET EQUITY PER PROPERTY

OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

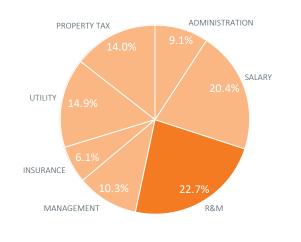


#### Median DCR Trend (2013 – 2016)

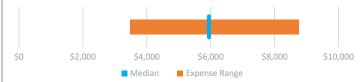


### **OPERATING EXPENSES**

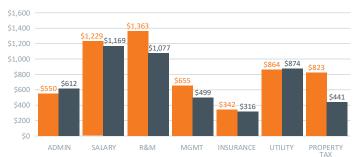
2016 Minnesota Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## Mississippi

Mississippi

National

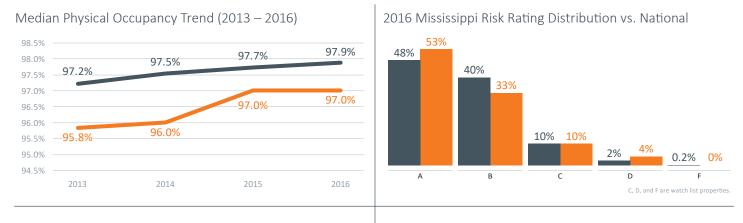
### 263 PROPERTY COUNT

17,906 TOTAL UNITS

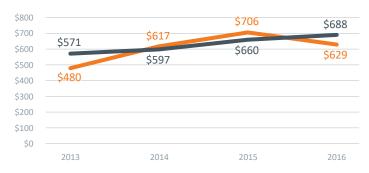
68 AVERAGE UNIT PER PROPERTY

\$5,068,365 AVERAGE NET EQUITY PER PROPERTY

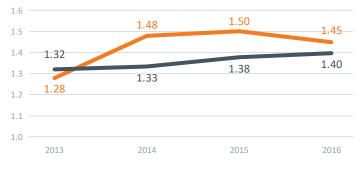
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

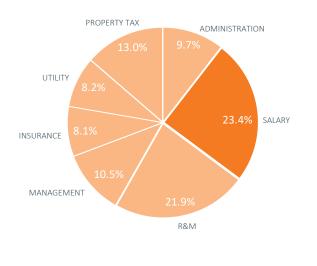


### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

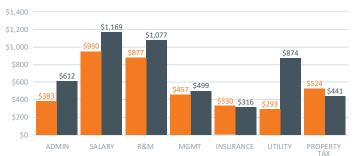
2016 Mississippi Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



## Missouri

Missouri

**520 PROPERTY COUNT** 

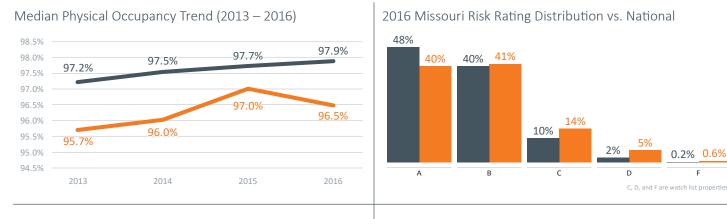
**37,128 TOTAL UNITS** 

**71 AVERAGE UNIT PER PROPERTY** 

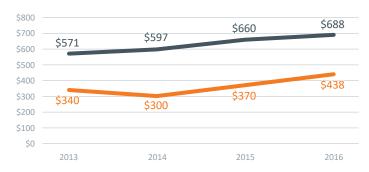
\$2,809,133 AVERAGE NET EQUITY PER PROPERTY

## **OPERATING PERFORMANCE**

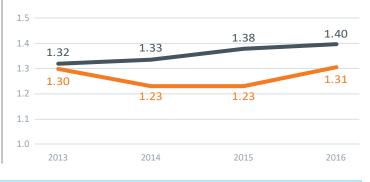
National



#### Median Per Unit Cash Flow Trend (2013 – 2016)

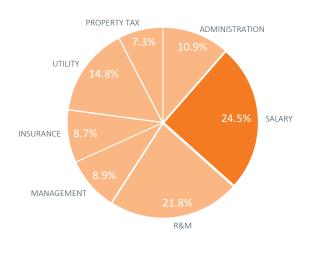


#### Median DCR Trend (2013 - 2016)



## **OPERATING EXPENSES**

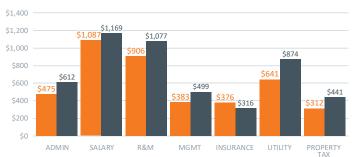
#### 2016 Missouri Gross Median Operating Expense Distribution



#### 2016 Missouri Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

E

## Montana

Montana

National

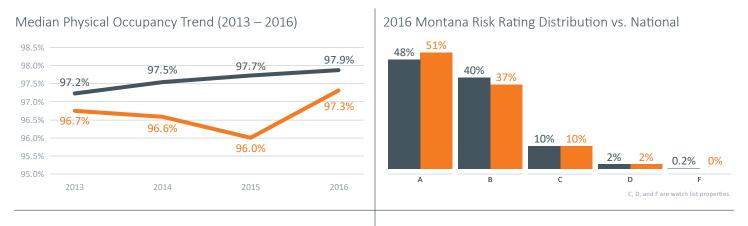
#### **109 PROPERTY COUNT**

3,644 TOTAL UNITS

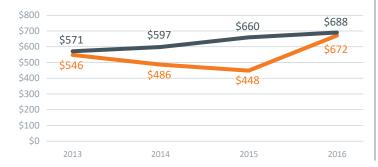
**33** AVERAGE UNIT PER PROPERTY

\$2,374,420 AVERAGE NET EQUITY PER PROPERTY

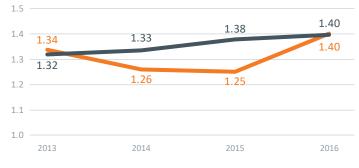
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

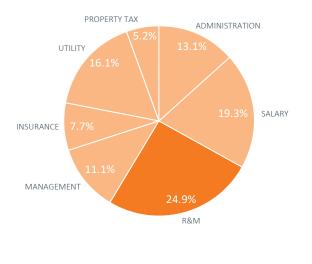




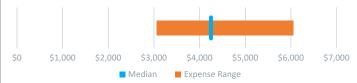


## **OPERATING EXPENSES**

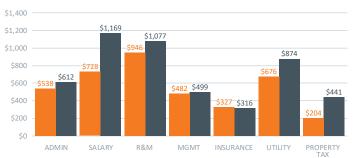
2016 Montana Gross Median Operating Expense Distribution



2016 Montana Gross Operating Expense Range



2016 Expenses by Category



## Nebraska

277 PROPERTY COUNT

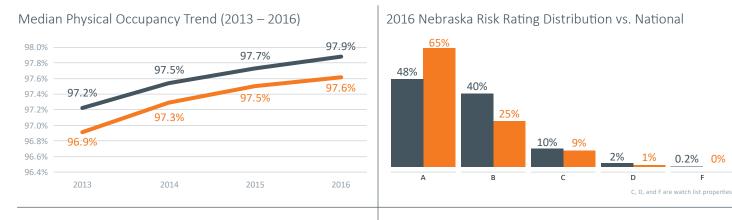
9,839 TOTAL UNITS

**36 AVERAGE UNIT PER PROPERTY** \$2,379,217 AVERAGE NET EQUITY PER PROPERTY

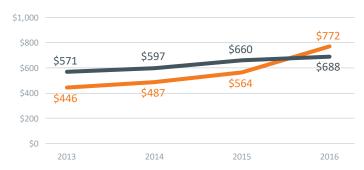
Nebraska

National

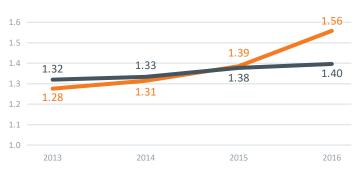
## **OPERATING PERFORMANCE**



#### Median Per Unit Cash Flow Trend (2013 – 2016)

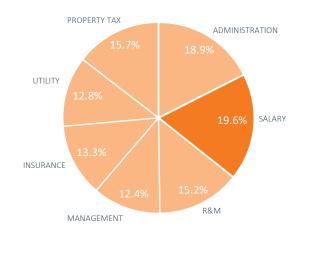


#### Median DCR Trend (2013 - 2016)



### **OPERATING EXPENSES**

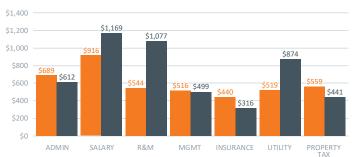
#### 2016 Nebraska Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

0%

## Nevada

Nevada

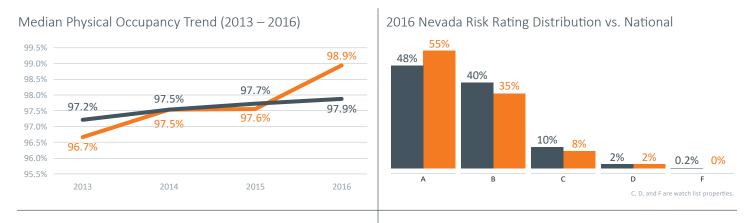
National

#### 141 PROPERTY COUNT 14,069 TOTAL UNITS

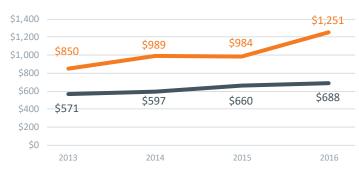
**100** AVERAGE UNIT PER PROPERTY

\$5,204,475 AVERAGE NET EQUITY PER PROPERTY

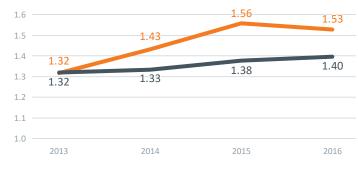
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

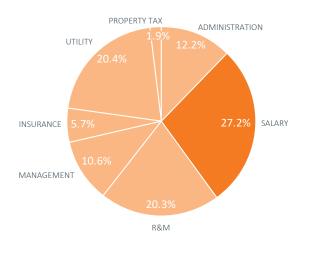




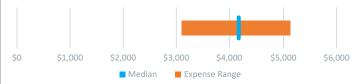


## **OPERATING EXPENSES**

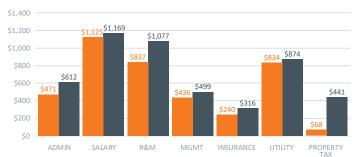
#### 2016 Nevada Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



## New Hampshire

New Hampshire

National

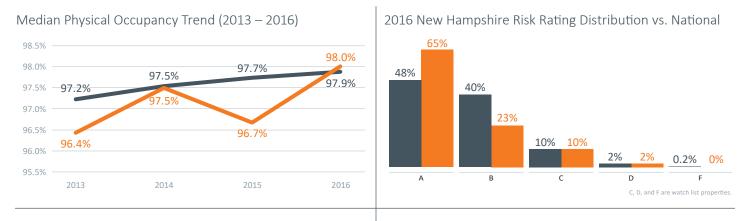
#### **135 PROPERTY COUNT**

4,963 TOTAL UNITS

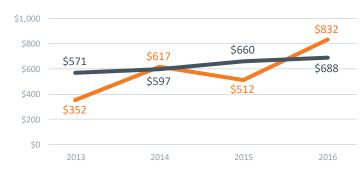
**37** AVERAGE UNIT PER PROPERTY

\$3,346,799 AVERAGE NET EQUITY PER PROPERTY

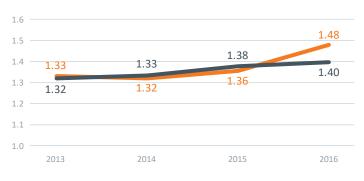
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

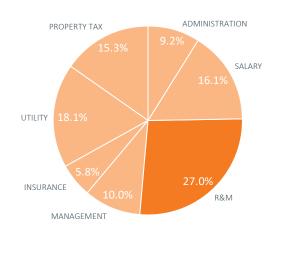


#### Median DCR Trend (2013 – 2016)

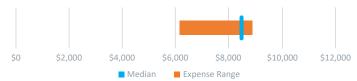


### **OPERATING EXPENSES**

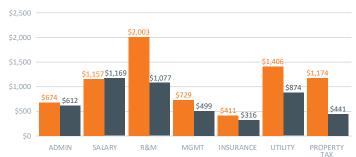
2016 N. Hampshire Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



## New Jersey

New Jersey

National

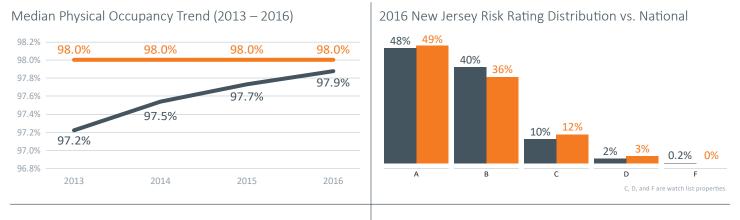
#### **397 PROPERTY COUNT**

36,337 TOTAL UNITS

92 AVERAGE UNIT PER PROPERTY

\$7,462,710 AVERAGE NET EQUITY PER PROPERTY

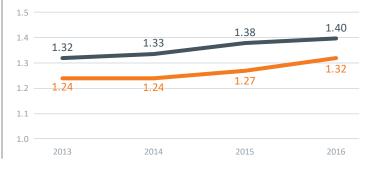
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

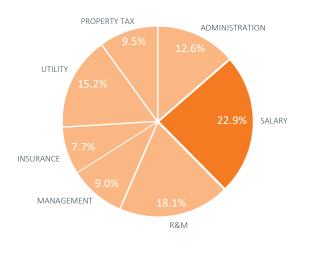






## **OPERATING EXPENSES**

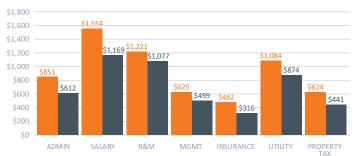
2016 New Jersey Gross Median Operating Expense Distribution



2016 New Jersey Gross Operating Expense Range



2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### 

## New Mexico

New Mexico

National

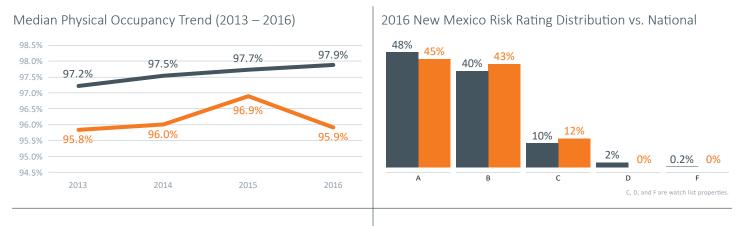
#### **129 PROPERTY COUNT**

9,437 TOTAL UNITS

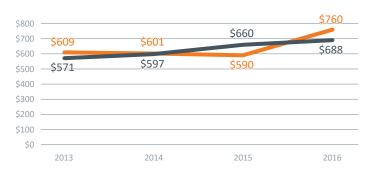
**73** AVERAGE UNIT PER PROPERTY

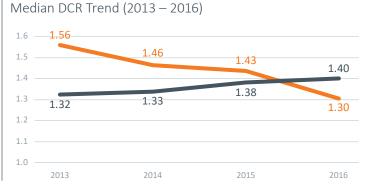
\$4,322,435 AVERAGE NET EQUITY PER PROPERTY

**OPERATING PERFORMANCE** 



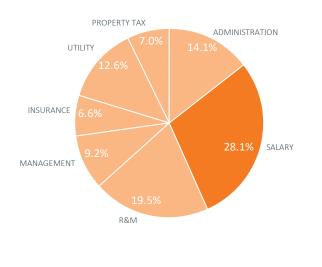
#### Median Per Unit Cash Flow Trend (2013 – 2016)





## **OPERATING EXPENSES**

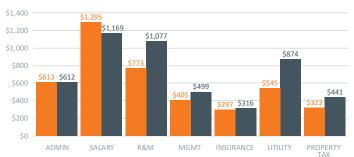
2016 New Mexico Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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## New York

New York

National

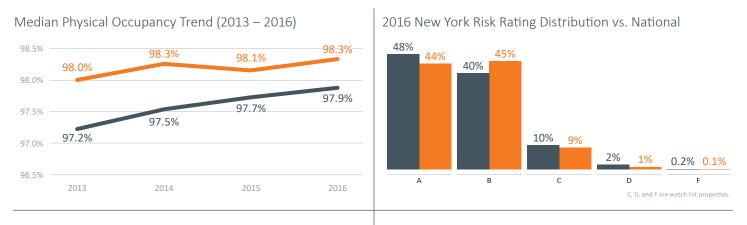
#### 1,943 PROPERTY COUNT

168,987 TOTAL UNITS

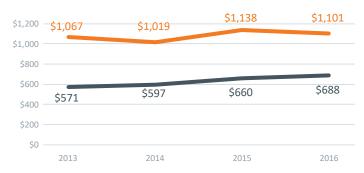
A

87 AVERAGE UNIT PER PROPERTY \$6,330,911 AVERAGE NET EQUITY PER PROPERTY

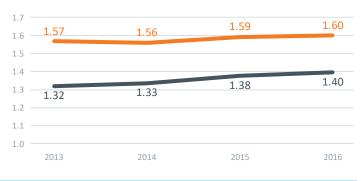
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

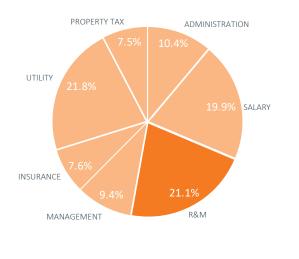






## **OPERATING EXPENSES**

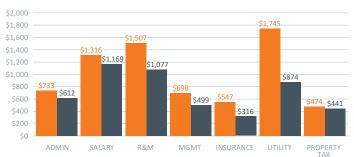
2016 New York Gross Median Operating Expense Distribution







2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

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## COHN REZNICK

## North Carolina

North Carolina

National

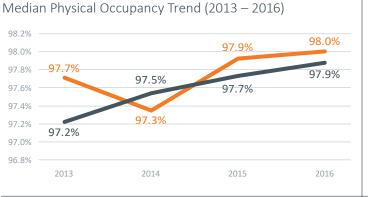
#### 772 PROPERTY COUNT

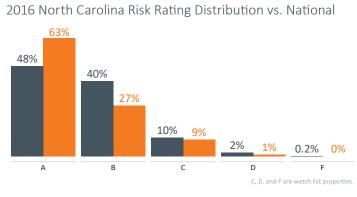
44,441 TOTAL UNITS

58 AVERAGE UNIT PER PROPERTY

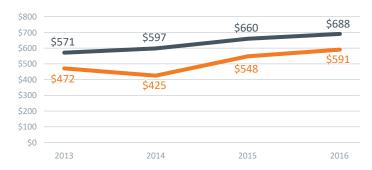
\$3,108,348 AVERAGE NET EQUITY PER PROPERTY

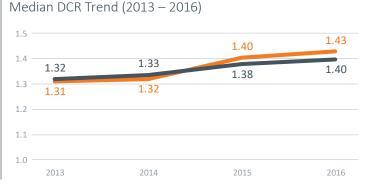
## OPERATING PERFORMANCE





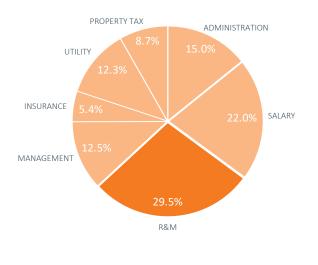
#### Median Per Unit Cash Flow Trend (2013 – 2016)



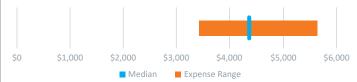


## **OPERATING EXPENSES**

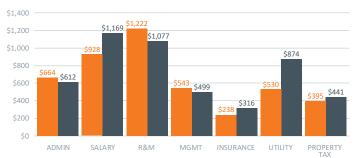
#### 2016 N. Carolina Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

### COHN REZNICK

## -

## North Dakota

North Dakota

National

#### **95 PROPERTY COUNT**

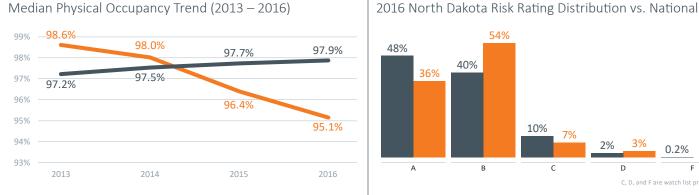
Median DCR Trend (2013 - 2016)

3,215 TOTAL UNITS

**34 AVERAGE UNIT PER PROPERTY** 

\$2,531,327 AVERAGE NET EQUITY PER PROPERTY

## **OPERATING PERFORMANCE**





10%

7%

C

2%

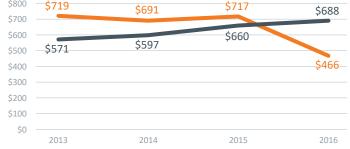
D

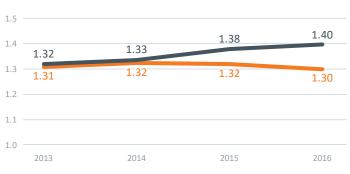
0.2%

C, D, and F are watch list properties

0%

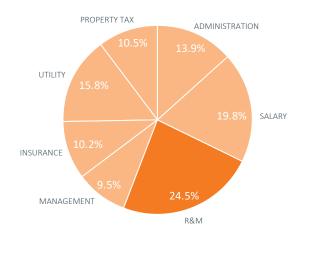
#### Median Per Unit Cash Flow Trend (2013 – 2016) \$800



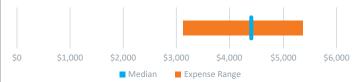


## **OPERATING EXPENSES**

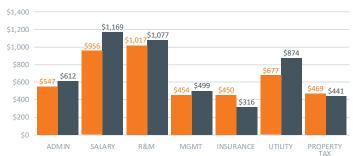
#### 2016 N. Dakota Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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Ohio

982 PROPERTY COUNT

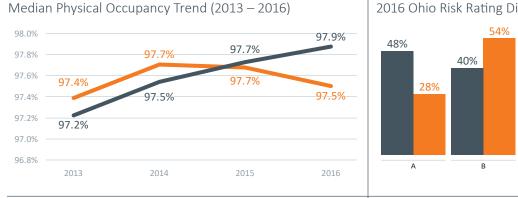
**70,373 TOTAL UNITS** 

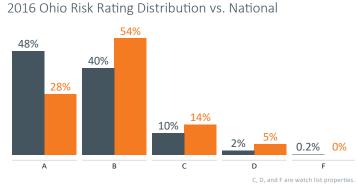
72 AVERAGE UNIT PER PROPERTY

\$4,006,777 AVERAGE NET EQUITY PER PROPERTY

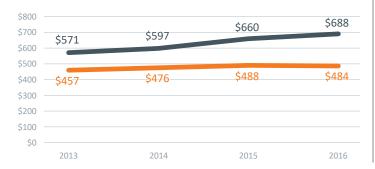
National

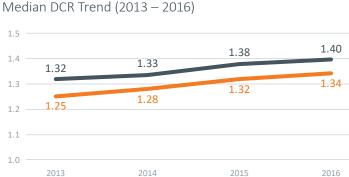
## **OPERATING PERFORMANCE**





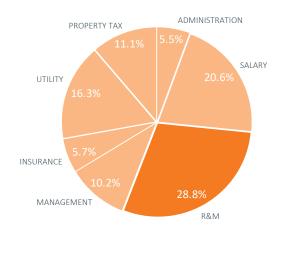
#### Median Per Unit Cash Flow Trend (2013 – 2016)





## **OPERATING EXPENSES**

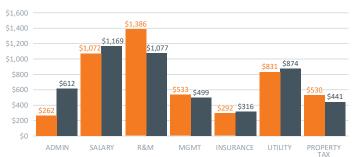
#### 2016 Ohio Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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## Oklahoma

Oklahoma

National

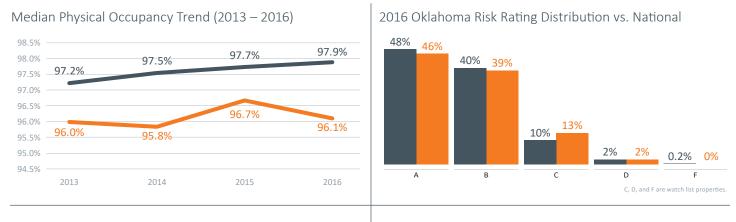
#### 327 PROPERTY COUNT

16,448 TOTAL UNITS

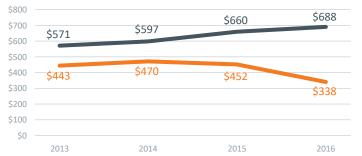
**50 AVERAGE UNIT PER PROPERTY** 

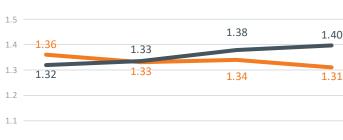
\$2,784,177 AVERAGE NET EQUITY PER PROPERTY

**OPERATING PERFORMANCE** 



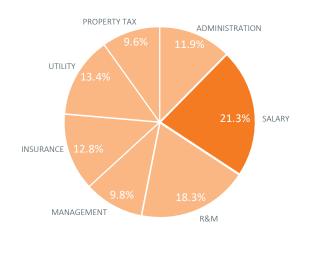
#### Median Per Unit Cash Flow Trend (2013 – 2016)



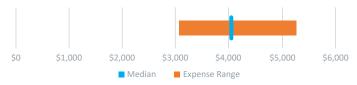


## **OPERATING EXPENSES**

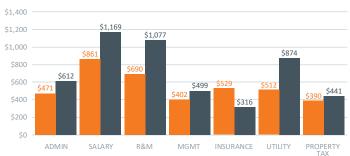
#### 2016 Oklahoma Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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2016

2013 2014 2015

Median DCR Trend (2013 - 2016)

## regon

Oregon

**337 PROPERTY COUNT** 

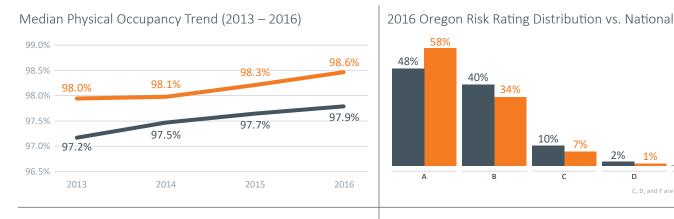
21,428 TOTAL UNITS

**64 AVERAGE UNIT PER PROPERTY** 

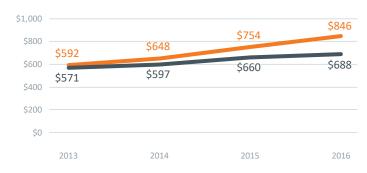
\$3,726,884-AVERAGE NET EQUITY PER PROPERTY

National

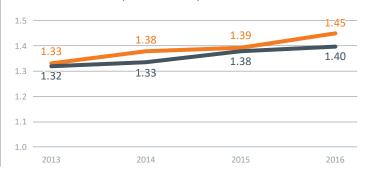
## **OPERATING PERFORMANCE**



#### Median Per Unit Cash Flow Trend (2013 – 2016)



#### Median DCR Trend (2013 - 2016)



2%

D

1%

0.2%

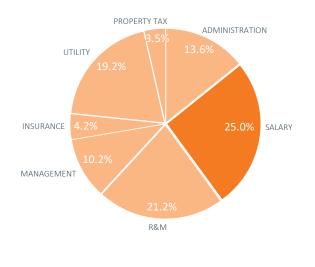
C, D, and F are watch list properties

E

0%

## **OPERATING EXPENSES**

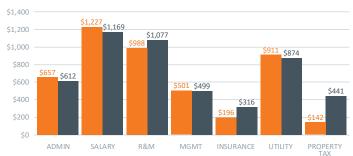
#### 2016 Oregon Gross Median Operating Expense Distribution



#### 2016 Oregon Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

#### The Low-Income Housing Tax Credit Program | March 2018

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## Pennsylvania

Pennsylvania

National

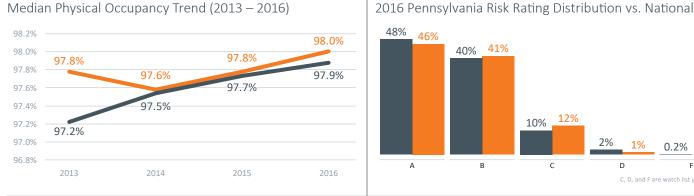
#### 640 PROPERTY COUNT

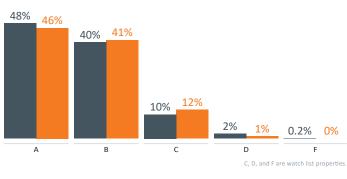
**38,860 TOTAL UNITS** 

**61 AVERAGE UNIT PER PROPERTY** 

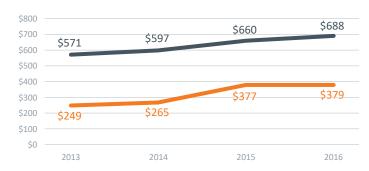
\$5,240,019 AVERAGE NET EQUITY PER PROPERTY

**OPERATING PERFORMANCE** 





#### Median Per Unit Cash Flow Trend (2013 – 2016)

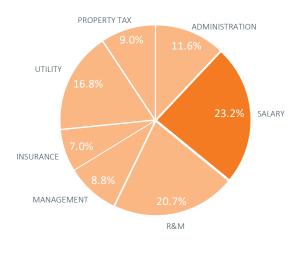


### Median DCR Trend (2013 - 2016)



## **OPERATING EXPENSES**

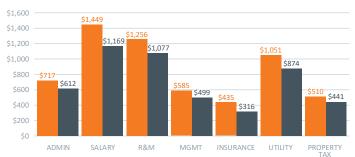
2016 Pennsylvania Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

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## Puerto Rico

Puerto Rico

National

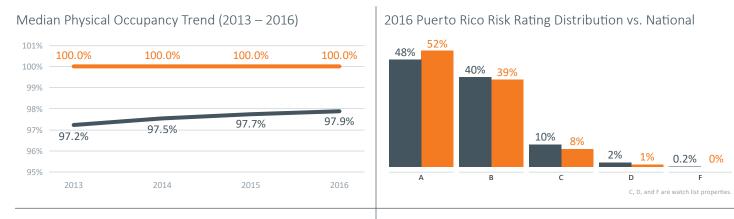
#### **151 PROPERTY COUNT**

15,523 TOTAL UNITS

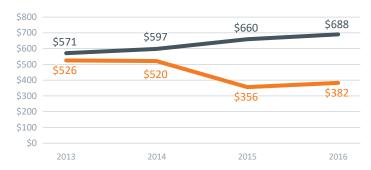


103 AVERAGE UNIT PER PROPERTY \$7,029,477 AVERAGE NET EQUITY PER PROPERTY

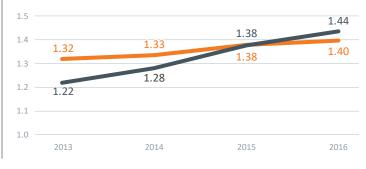
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

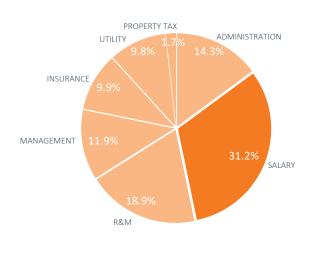




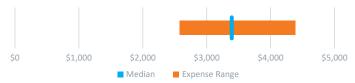


## **OPERATING EXPENSES**

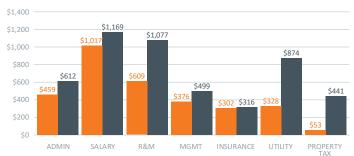
2016 Puerto Rico Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



## Rhode Island

Rhode Island

National

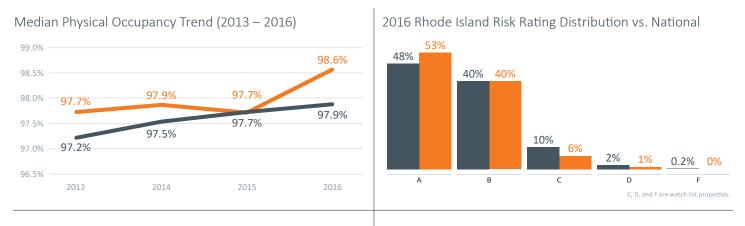
#### **113 PROPERTY COUNT**

8,654 TOTAL UNITS

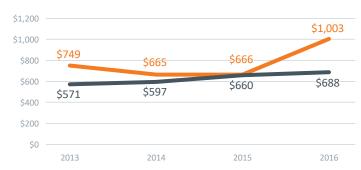
77 AVERAGE UNIT PER PROPERTY

\$4,076,457 AVERAGE NET EQUITY PER PROPERTY

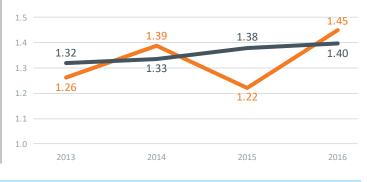
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

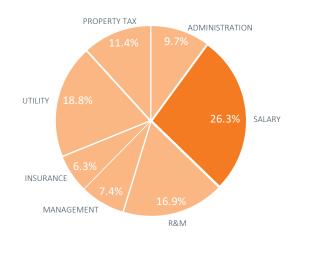




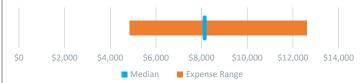


## **OPERATING EXPENSES**

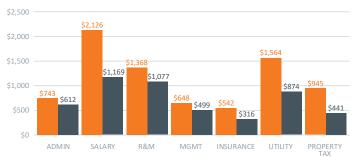
2016 Rhode Island Gross Median Operating Expense Distribution







2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

## South Carolina

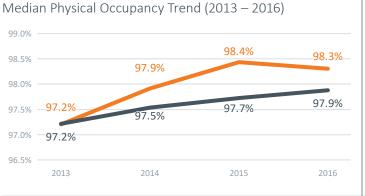
South Carolina

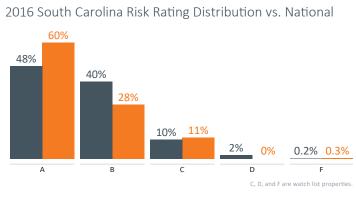
National

### 58 AVERAGE UNIT PER PROPERTY

\$2,995,739 AVERAGE NET EQUITY PER PROPERTY

## OPERATING PERFORMANCE

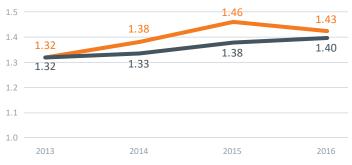




#### Median Per Unit Cash Flow Trend (2013 – 2016)

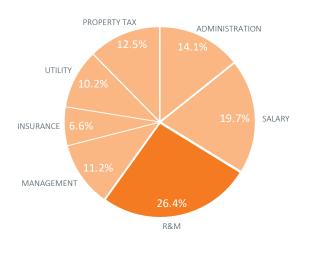


## Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

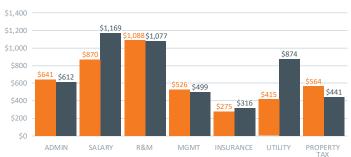
#### 2016 S. Carolina Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### The Low-Income Housing Tax Credit Program | March 2018

## COHN REZNICK



**24,611 TOTAL UNITS** 

## South Dakota

South Dakota

National

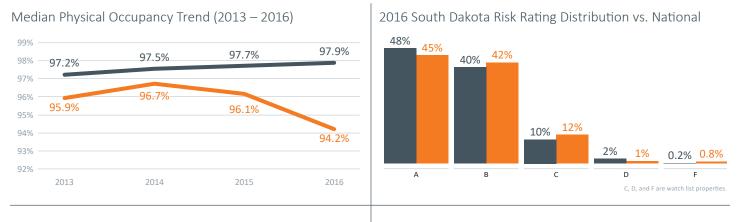
#### **96 PROPERTY COUNT**

3,409 TOTAL UNITS

**36 AVERAGE UNIT PER PROPERTY** 

\$1,701,698 AVERAGE NET EQUITY PER PROPERTY

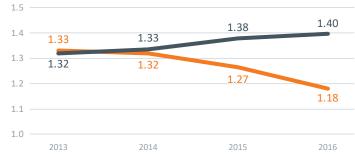
## OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

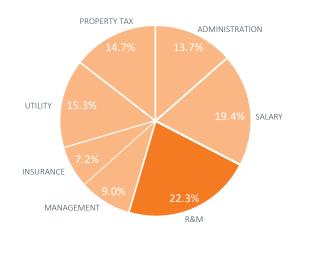




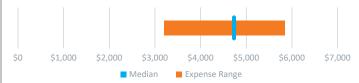


## **OPERATING EXPENSES**

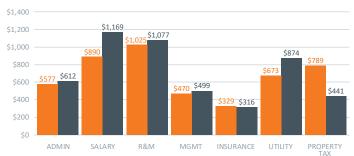
2016 S. Dakota Gross Median Operating Expense Distribution







2016 Expenses by Category



## Tennessee

Tennessee

National

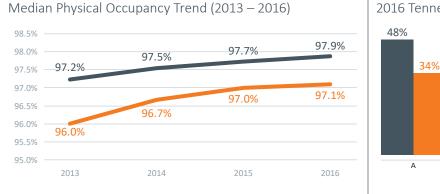
#### **322 PROPERTY COUNT**

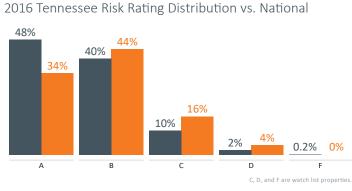
27,742 TOTAL UNITS

86 AVERAGE UNIT PER PROPERTY

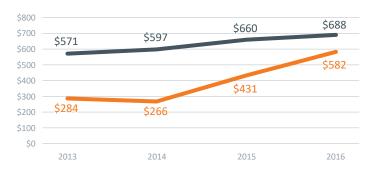
\$4,126,348 AVERAGE NET EQUITY PER PROPERTY

OPERATING PERFORMANCE

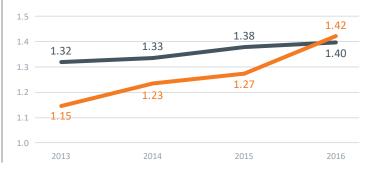




#### Median Per Unit Cash Flow Trend (2013 – 2016)

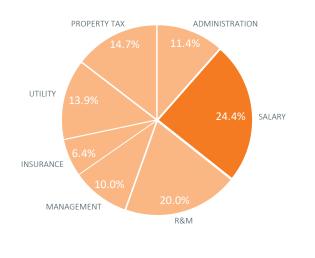


#### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

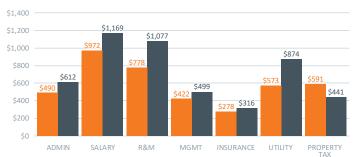
#### 2016 Tennessee Gross Median Operating Expense Distribution



2016 Tennessee Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.



Texas

1,140 PROPERTY COUNT

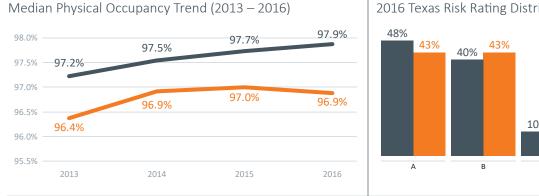
147,186 TOTAL UNITS

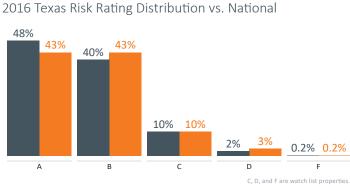
**129** AVERAGE UNIT PER PROPERTY

\$6,208,275 AVERAGE NET EQUITY PER PROPERTY

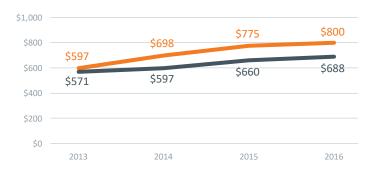
National

## OPERATING PERFORMANCE

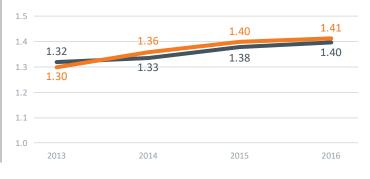




#### Median Per Unit Cash Flow Trend (2013 – 2016)

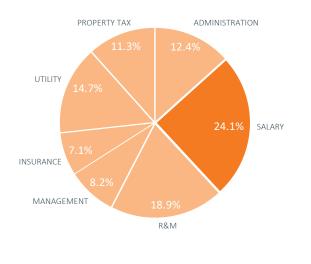


#### Median DCR Trend (2013 – 2016)



### **OPERATING EXPENSES**

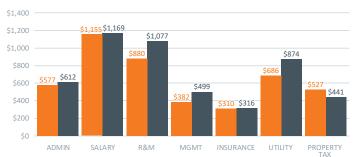
#### 2016 Texas Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

### COHN COUNTING • TAX • ADVISORY

## U.S. Virgin Islands

U.S. Virgin Islands

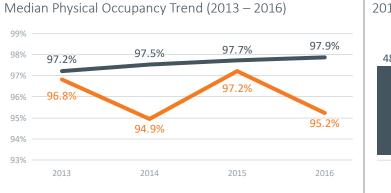
National

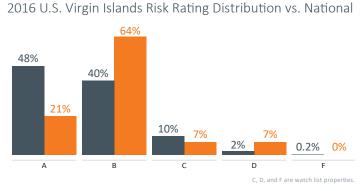
#### **16 PROPERTY COUNT**

842 TOTAL UNITS

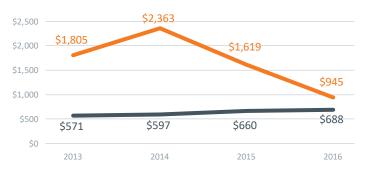
53 AVERAGE UNIT PER PROPERTY \$11,020,569 AVERAGE NET EQUITY PER PROPERTY

## OPERATING PERFORMANCE







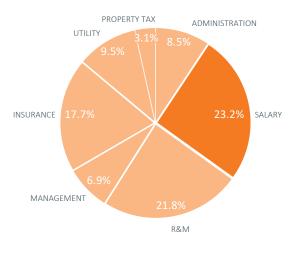


### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

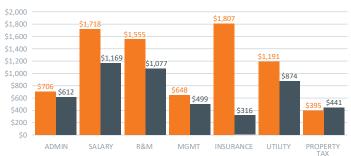
#### 2016 USVI Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### The Low-Income Housing Tax Credit Program | March 2018

# Utah

Utah

**159 PROPERTY COUNT** 

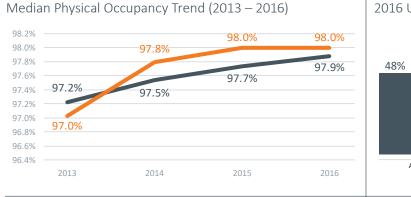
11,659 TOTAL UNITS

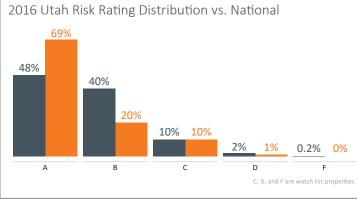
73 AVERAGE UNIT PER PROPERTY

\$4,080,205 AVERAGE NET EQUITY PER PROPERTY

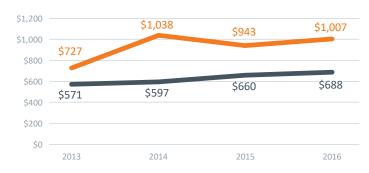
National

## OPERATING PERFORMANCE

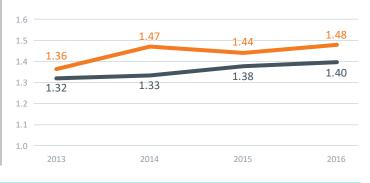




#### Median Per Unit Cash Flow Trend (2013 – 2016)

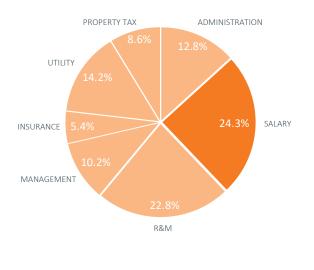


#### Median DCR Trend (2013 – 2016)



### **OPERATING EXPENSES**

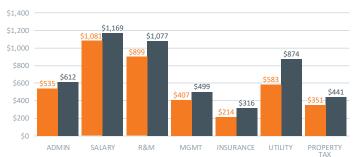
#### 2016 Utah Gross Median Operating Expense Distribution



#### 2016 Utah Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### The Low-Income Housing Tax Credit Program | March 2018

## Vermont

Vermont

National

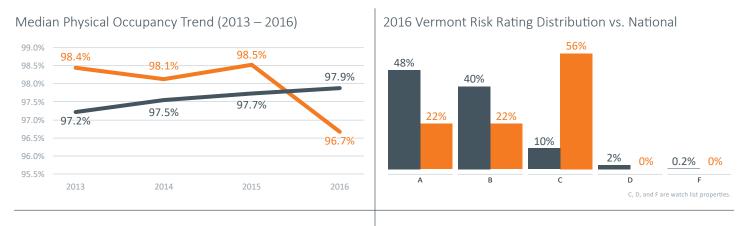
#### **168 PROPERTY COUNT**

4,679 TOTAL UNITS

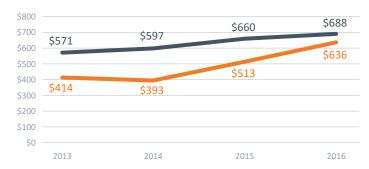
28 AVERAGE UNIT PER PROPERTY

\$1,870,983 AVERAGE NET EQUITY PER PROPERTY

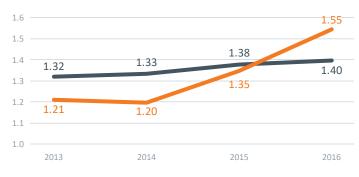
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

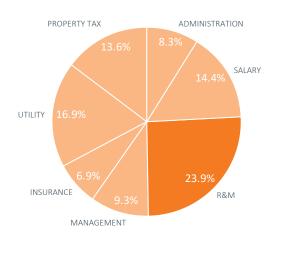






## **OPERATING EXPENSES**

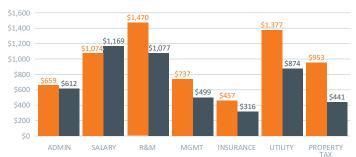
#### 2016 Vermont Gross Median Operating Expense Distribution



#### 2016 Vermont Gross Operating Expense Range



#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

## Virginia

717 PROPERTY COUNT

**83 AVERAGE UNIT PER PROPERTY** 

\$3,484,184 AVERAGE NET EQUITY PER PROPERTY

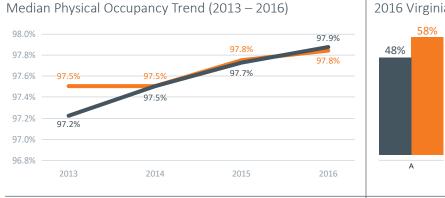
59,610 TOTAL UNITS

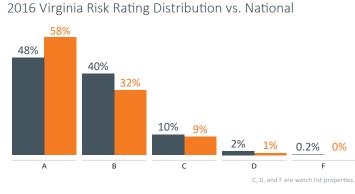
Virginia

\$1.000

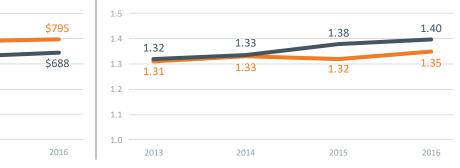
National

## **OPERATING PERFORMANCE**





#### Median DCR Trend (2013 – 2016)



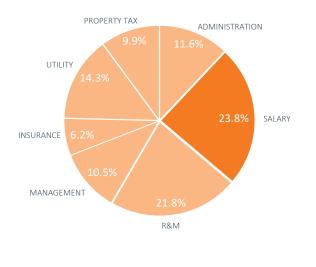
## \$800 **\$741 \$775 \$779**

Median Per Unit Cash Flow Trend (2013 – 2016)



## **OPERATING EXPENSES**

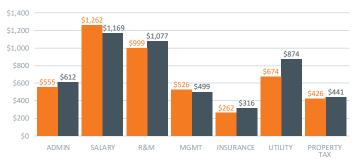
#### 2016 Virginia Gross Median Operating Expense Distribution







2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.

#### The Low-Income Housing Tax Credit Program | March 2018

## Washington

Washington

National

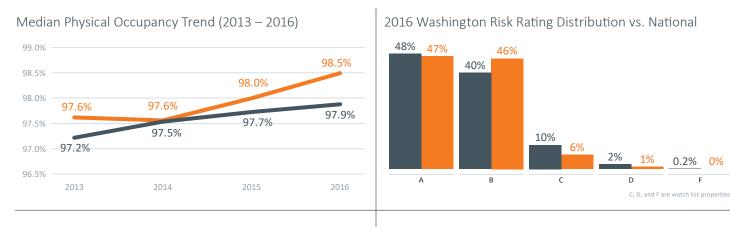
#### 662 PROPERTY COUNT

59,952 TOTAL UNITS

91 AVERAGE UNIT PER PROPERTY

\$5,081,790 AVERAGE NET EQUITY PER PROPERTY

## OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

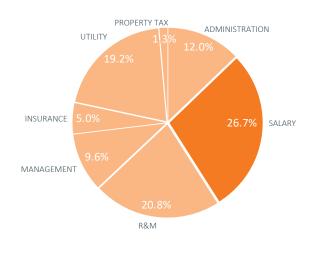




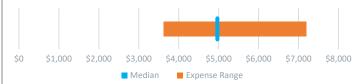


## **OPERATING EXPENSES**

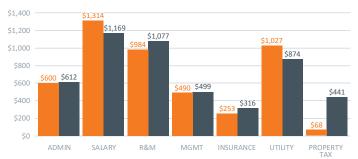
2016 Washington Gross Median Operating Expense Distribution



2016 Washington Gross Operating Expense Range



2016 Expenses by Category



## Washington, DC

Washington, DC

National

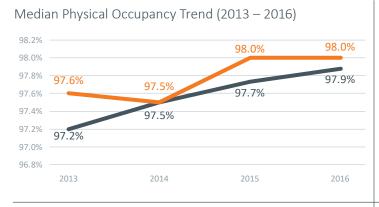
#### **138 PROPERTY COUNT**

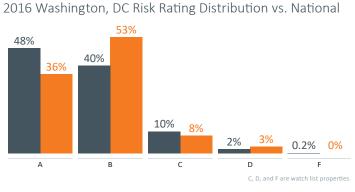
**135 AVERAGE UNIT PER PROPERTY** 

\$7,186,579 AVERAGE NET EQUITY PER PROPERTY

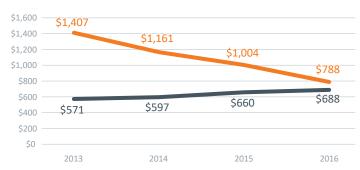
18,563 TOTAL UNITS



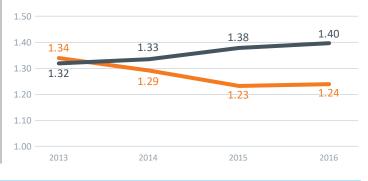




#### Median Per Unit Cash Flow Trend (2013 – 2016)

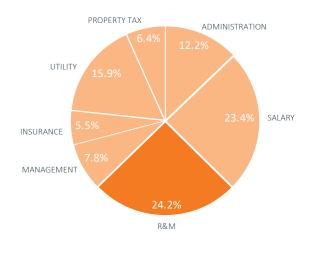


#### Median DCR Trend (2013 – 2016)

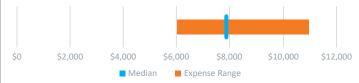


## **OPERATING EXPENSES**

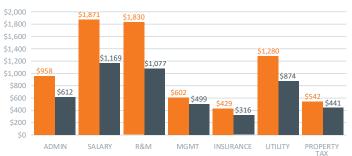
2016 Washington, DC Gross Median Operating Exp. Distribution







2016 Expenses by Category



## West Virginia

West Virginia

National

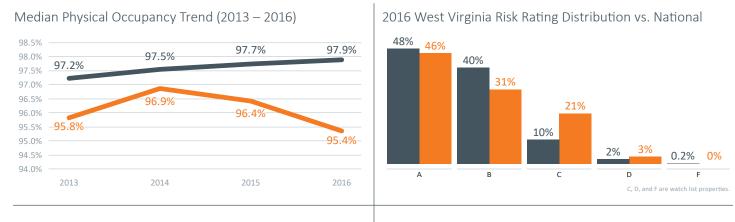
#### **206 PROPERTY COUNT**

**49 AVERAGE UNIT PER PROPERTY** 

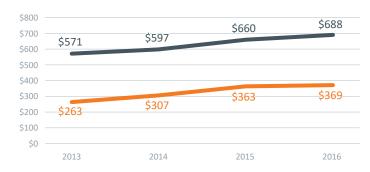
**10,063 TOTAL UNITS** 

\$2,352,416 AVERAGE NET EQUITY PER PROPERTY

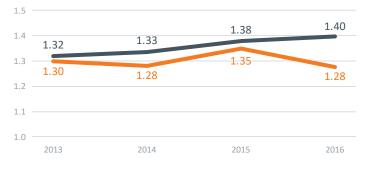
**OPERATING PERFORMANCE** 



#### Median Per Unit Cash Flow Trend (2013 – 2016)

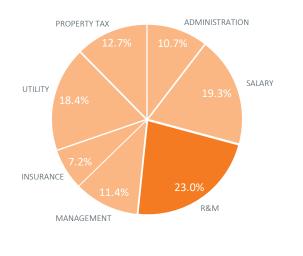


### Median DCR Trend (2013 - 2016)

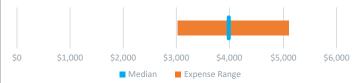


## **OPERATING EXPENSES**

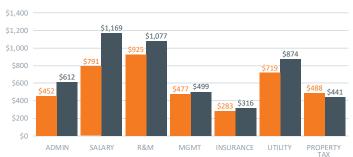
#### 2016 W. Virginia Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expense distribution totals do not equal 100%

## Wisconsin

Wisconsin

National

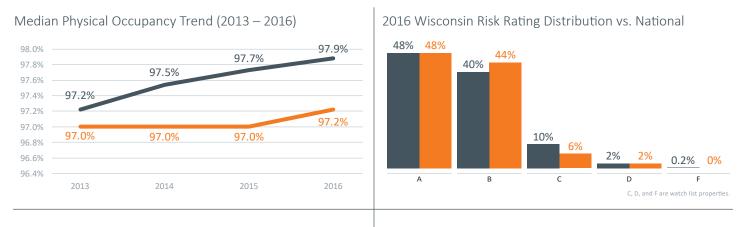
#### 476 PROPERTY COUNT

26,683 TOTAL UNITS

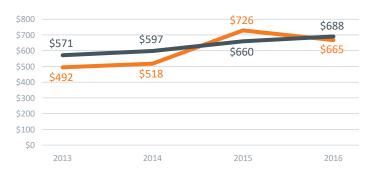
**56 AVERAGE UNIT PER PROPERTY** 

\$3,902,435 AVERAGE NET EQUITY PER PROPERTY

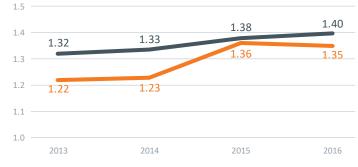
OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 - 2016)

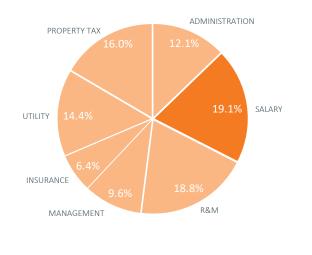




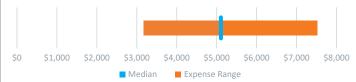


## **OPERATING EXPENSES**

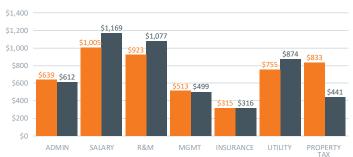
2016 Wisconsin Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



# Wyoming

Wyoming

National

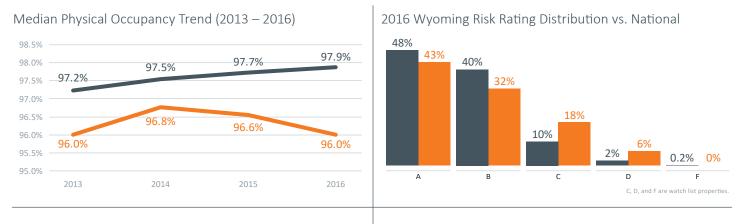
#### 70 PROPERTY COUNT

2,837 TOTAL UNITS

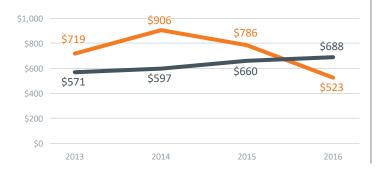
41 AVERAGE UNIT PER PROPERTY

\$3,257,281 AVERAGE NET EQUITY PER PROPERTY

OPERATING PERFORMANCE



#### Median Per Unit Cash Flow Trend (2013 – 2016)

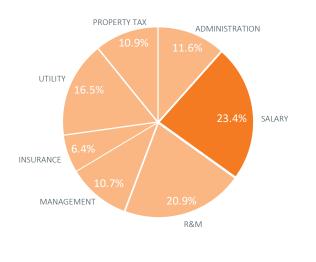


#### Median DCR Trend (2013 – 2016)



## **OPERATING EXPENSES**

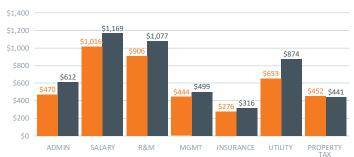
2016 Wyoming Gross Median Operating Expense Distribution







#### 2016 Expenses by Category



Property performance was measured using physical occupancy, debt coverage ratio and per unit cash flow. Physical occupancy rate is equal to the monthly average over the stabilized period in the year. DCR is defined as net operating income net of required replacement reserve deposits, divided by mandatory debt service payments. Per unit cash flow is defined as the cash flow available after making mandatory debt service payments and required replacement reserve contributions, divided by the total number of units within the property. State median expenses by category are compared to the national median. Gross median operating expenses by state were calculated independent of the individual state category medians; as such, the gross median operating expenses distribution totals do not equal 100%.



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