MMRNINGSTAR®

Single-Family Rental Research

Performance Summary Covering All Morningstar-Rated Securitizations

December 2016

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Introduction

While the vacancy rate among single-borrower, single-family rental transactions ticked higher, Morningstar Credit Ratings, LLC expects the vacancy rate to improve in the coming months, as retention rates increase and turnover rates edge lower. The average vacancy rate among single-borrower, single-family rental transactions rose to 5.2% in November from a revised 4.9% in October. In last month's performance summary, Morningstar reported a vacancy rate of 5.2% but revised the figure to 4.9% with updated data and the removal from the report of PRD 2015-SFR1, which paid off in December. Among the metropolitan statistical areas most typically seen in single-borrower, single-family rental deals, Houston had the highest vacancy rate at 7.7% in November. The Florida MSAs of Jacksonville, Lakeland, Miami, and Sarasota-Bradenton-Venice are also showing vacancy rates of at least 7.0%. Rents for properties backing single-family rental securitizations rose by 3.6% from their prior contractual rents, while the year-over-year increases of three- and four-bedroom RentRange, LLC median rents rose at a higher rate, with average rents for four-bedroom properties topping 6%. The average delinquency rate in single-family rental securitizations ticked up to 0.7%, from 0.6% the month prior. As of October, the most recent data available, the average retention rate for full-term leases improved to 77.6%. Monthly property-level data tapes were published in December for the recently closed Amherst, or AMSR, 2016-SFR1 transaction. Morningstar expects to add this analysis to next month's report. Removing the paid-off PRD 2015-SFR1 transaction and adding Tricon, or TAH, 2016-SFR1 to this report brings the performance summary to an analysis of 25 single-borrower deals and over 96,000 properties, excluding AMSR 2016-SFR1.

Morningstar publishes its performance summary to provide market participants detailed property-level information on each securitization. The data below summarizes issuer-reported property-level information through November. Page 5 includes a

summary of the seven multiborrower transactions. For deals seasoned at least one year, we provide Morningstar DealView[®] Surveillance Analysis reports, available on our website, <u>www.morningstarcreditratings.com</u>.

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Single-Borrower Performance

The vacancy rate of 5.2% remains in line with recent performance and is equal to the November 2015 vacancy rate. The overall turnover rate declined further and was below 3.0%, as of October, for the first time since March. With fewer upcoming lease expirations, Morningstar expects that this may lead to improvement in vacancy in the coming months. Chart 5 shows the MSA-level vacancy rate in single-borrower transactions. MSAs with vacancy above the 5.2% average are red, while those below are blue. The size of the circle indicates the percentage of lease expirations in the given MSA over the past three months. MSAs in Florida are showing higher levels of vacancy, some of which can be explained by lease expirations.

Rents increased 3.6% in November, down from a revised 4.0% the prior month, while the RentRange benchmarks showed further rent growth. Based on the historical rent changes shown in Chart 1, the rent gains for securitized properties may dip in December before recovering in the beginning of 2017. The RentRange benchmarks track the year-over-year change on three- and four-bedroom median rents, weighted by MSA to match the geographic concentration of the Morningstar database. Chart 2 shows the rental change of renewals versus vacant-to-occupied properties. For October, the latest month for which data is available, the rent change for vacant-to-occupied properties was 2.1%, while the rent change for renewal properties was higher at 4.3%. That trend matches the relationship that these measures experienced one year ago, and renewal rent changes may continue to outpace vacant-to-occupied rent changes until the beginning of 2017. Chart 3 shows that the average contractual rents by MSA have been largely in line with or slightly higher than their property-level RentRange estimates. Exceptions are most notable in the Florida MSAs of Miami, Sarasota-Bradenton-Venice, and Fort Lauderdale. Chart 4 shows the MSA-level rent change. MSAs with rent changes above the 3.6% average are blue, while those below are red. The size of the circle indicates the percentage of properties from a given MSA in Morningstar's overall database. Table 1 shows the MSA-level rent change for the past 12 months.

Other performance measures were largely unchanged. Only HPA 2016-1, at 1.0%, IH 2015-SFR2, at 1.0%, and SWAY 2014-1, at 1.3%, had a delinquency rate of at least 1.0%. Retention rates of expiring leases showed improvement in October: The average rose to 77.6%, and all transactions were above 70.0%, with the exception of SWAY 2014-1, at 59.2%.



Multiborrower Performance

There have been seven multiborrower transactions: B2R 2015-1, B2R 2015-2, B2R 2016-1, FKL 2015-SFR1, CAF 2015-1, CAF 2016-1, and the newly added CAF 2016-2. As of the most recent remittance report, B2R 2015-1 had one loan that is 30 days delinquent and three that are at least 90 days delinquent. One of the 90 or more days delinquent loans, which is 0.4% of the transaction balance, is also in foreclosure and was transferred to special servicing in January. In June, the borrower of this loan filed for bankruptcy. The other two loans that are at least 90 days delinquent in B2R 2015-1 make up 0.4% of the total transaction balance and have been transferred to special servicing. Both were transferred, one in June and the other in November, because of payment default. Separately, B2R 2015-2 has one loan that is 30 days delinquent and one loan that is 60 days delinquent, which was transferred to special servicing in May because of payment default. The deal also has two loans that are 90 or more days behind on payments that combine for 0.4% of the transaction balance. These loans were also transferred to special servicing because of payment default; one of these loans was transferred in August, and the other was transferred in September. B2R 2016-1 has three loans that are 30 days delinquent, one that is 60 days delinquent, and one that remains 90 or more days delinquent. This loan is 0.2% of the total transaction balance and was transferred to special servicing in October for payment default. All the loans in CAF 2015-1, CAF 2016-1, and CAF 2016-2 are current; however, CAF 2015-1 has two loans equal to 4.7% of the transaction balance that were transferred to special servicing in November. Finally, all borrowers in FKL 2015-SFR1 are current. However, one loan that is approximately 1.7% of the transaction balance was transferred to special servicing in October for imminent default.



Single-Borrower Charts and Tables

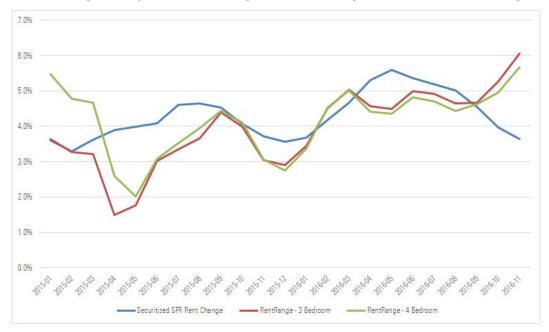


Chart 1 - Single-Family Rental Rent Change Versus RentRange Year-Over-Year Rent Change

Sources: Morningstar Credit Ratings, LLC; RentRange

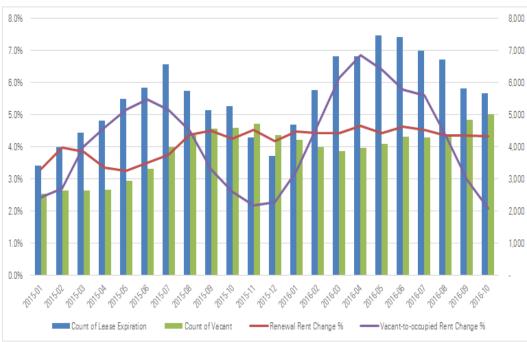


Chart 2 - Rental Changes for Renewals Versus Vacant-to-Occupied Properties

Source: Morningstar Credit Ratings, LLC

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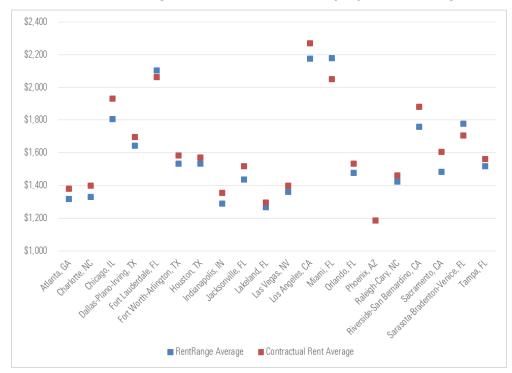


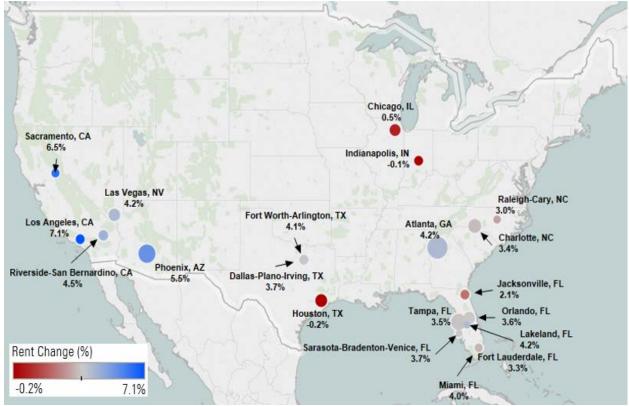
Chart 3 – November Average Contractual Rent Versus Property-Level RentRange Estimate by MSA

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Sources: Morningstar Credit Ratings, LLC; RentRange





Sources: Morningstar Credit Ratings, LLC; Tableau Software

*The size of the circles represents the total percentage (by count) of properties in each MSA, ranging from 1.4% to 13.1%. Because of their proximity, the Fort Worth-Arlington, Texas, MSA is hidden behind Dallas-Plano-Irving, and the Miami MSA is behind Fort Lauderdale, Florida.



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| Year 2015 Year 2016 | | | | | | | | | | | | | |
|-------------------------------|----------|-----|-----|-----|-----|-----|-----|-----|-------------|-----|-----|------|------|
| | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| Atlanta, GA | | 3.4 | 4.0 | 4.5 | 5.0 | 5.3 | 5.5 | 5.7 | 5.3 | 5.7 | 4.8 | 4.4 | 4.2 |
| Charlotte, NC | | 2.9 | 3.2 | 4.2 | 4.7 | 5.8 | 7.1 | 5.6 | 5.1 | 5.3 | 5.1 | 4.0 | 3.4 |
| Chicago, IL | | 0.2 | 1.1 | 1.7 | 2.7 | 3.9 | 3.7 | 3.3 | 2.4 | 2.6 | 1.8 | 1.8 | 0.5 |
| Dallas-Plano-Irving, TX | | 3.4 | 4.3 | 4.5 | 5.7 | 5.8 | 6.1 | 5.2 | 4.7 | 5.0 | 4.3 | 3.8 | 3.7 |
| Fort Lauderdale, FL | | 4.0 | 3.2 | 3.2 | 3.7 | 4.8 | 4.3 | 5.2 | 4.3 | 4.9 | 3.4 | 3.7 | 3.3 |
| Fort Worth-Arlington, TX | | 3.6 | 3.1 | 3.7 | 4.9 | 5.7 | 6.0 | 5.6 | 5.1 | 4.6 | 4.0 | 4.0 | 4.1 |
| Houston, TX | ~~~~ | 2.7 | 1.8 | 3.3 | 3.4 | 3.5 | 4.1 | 3.4 | 2.9 | 2.2 | 2.9 | -0.1 | -0.2 |
| Indianapolis, IN | ~~~~ | 0.8 | 1.4 | 3.7 | 1.7 | 2.3 | 1.8 | 1.4 | 3.1 | 2.7 | 2.1 | 1.8 | -0.1 |
| Jacksonville, FL | | 2.4 | 2.8 | 3.3 | 3.6 | 3.9 | 4.8 | 4.6 | 3.8 | 3.7 | 3.2 | 3.1 | 2.1 |
| Lakeland, FL | ~~~~ | 4.4 | 4.5 | 3.7 | 4.9 | 5.7 | 5.7 | 5.9 | 5.9 | 6.9 | 5.8 | 4.2 | 4.2 |
| Las Vegas, NV | | 3.4 | 2.5 | 3.1 | 4.2 | 5.0 | 5.0 | 5.0 | 4.7 | 4.8 | 4.6 | 4.7 | 4.2 |
| Los Angeles, CA | ~~~~ | 6.7 | 7.4 | 6.7 | 6.8 | 6.6 | 8.0 | 7.3 | 8.1 | 7.9 | 7.2 | 6.3 | 7.1 |
| Miami, FL | | 4.0 | 4.1 | 4.2 | 4.6 | 3.3 | 5.9 | 6.1 | 5.8 | 4.7 | 4.2 | 3.4 | 4.0 |
| Orlando, FL | | 3.7 | 3.9 | 4.0 | 4.2 | 4.1 | 4.6 | 5.1 | 5.5 | 5.4 | 5.3 | 4.3 | 3.6 |
| Phoenix, AZ | | 5.2 | 5.7 | 6.1 | 6.5 | 7.6 | 8.1 | 7.6 | 8.0 | 6.4 | 6.3 | 5.7 | 5.5 |
| Raleigh-Cary, NC | <u> </u> | 2.9 | 3.6 | 3.9 | 4.2 | 5.6 | 5.2 | 4.7 | 4.2 | 3.4 | 3.6 | 2.6 | 3.0 |
| Riverside-San Bernardino, CA | ·/ | 3.9 | 3.1 | 4.6 | 5.1 | 5.4 | 6.1 | 5.9 | 5.4 | 5.6 | 4.8 | 4.5 | 4.5 |
| Sacramento, CA | | 4.7 | 5.9 | 5.9 | 7.1 | 7.3 | 7.8 | 7.7 | 6 .7 | 8.4 | 9.5 | 8.4 | 6.5 |
| Sarasota-Bradenton-Venice, FL | | 4.0 | 2.9 | 3.5 | 4.0 | 3.9 | 5.0 | 4.9 | 4.5 | 4.0 | 3.7 | 3.8 | 3.7 |
| Tampa, FL | | 3.1 | 3.3 | 3.6 | 3.5 | 4.2 | 4.7 | 4.6 | 4.7 | 4.6 | 4.0 | 3.2 | 3.5 |
| <u>_</u> | | | | | | | | | | | | | |

Table 1 – Blended Rent Change (by Percentage) - Top MSAs

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Table 2a – Month-End Vacancy (by Count

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| | | | | | | | | | | | | | Total | |
|----------------|--|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| | | Year 2015 Y Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | <u>Count</u> |
| AH4R 2014-SFR1 | | 206 | 184 | 151 | 135 | 174 | 170 | 145 | 155 | 150 | 161 | 180 | 190 | 3,809 |
| AH4R 2014-SFR2 | | 212 | 212 | 153 | 159 | 202 | 225 | 233 | 200 | 193 | 199 | 191 | 201 | 4,484 |
| AH4R 2014-SFR3 | | 226 | 215 | 173 | 179 | 191 | 185 | 208 | 221 | 204 | 256 | 259 | 248 | 4,503 |
| AH4R 2015-SFR1 | | 374 | 323 | 249 | 184 | 171 | 187 | 197 | 205 | 225 | 274 | 260 | 268 | 4,660 |
| AH4R 2015-SFR2 | | 146 | 157 | 176 | 212 | 269 | 286 | 254 | 194 | 150 | 136 | 150 | 167 | 4,124 |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A | N/A |
| CAH 2014-1 | | 157 | 127 | 114 | 117 | 110 | 109 | 116 | 160 | 178 | 175 | 178 | 193 | 3,351 |
| CAH 2014-2 | | 154 | 173 | 184 | 187 | 188 | 150 | 168 | 159 | 182 | 187 | 178 | 185 | 3,685 |
| CAH 2015-1 | | 187 | 175 | 161 | 167 | 145 | 139 | 170 | 224 | 220 | 198 | 210 | 195 | 3,871 |
| CSH 2016-1 | | | | | | | | | | 143 | 148 | 169 | 190 | 3,564 |
| HPA 2016-1 | | | | 37 | 44 | 47 | 40 | 52 | 76 | 89 | 99 | 93 | 79 | 2,107 |
| HPA 2016-2 | | | | | | | | | | | 9 | 14 | 17 | 1,399 |
| IH 2013-SFR1 | | 97 | 136 | 129 | 124 | 117 | 101 | 108 | 113 | 105 | 102 | 125 | 132 | 3, 186 |
| IH 2014-SFR1 | | 183 | 203 | 228 | 213 | 238 | 282 | 321 | 311 | 368 | 340 | 342 | 319 | 6,345 |
| IH 2014-SFR2 | | 127 | 138 | 140 | 127 | 113 | 137 | 156 | 155 | 183 | 193 | 197 | 185 | 3,681 |
| IH 2014-SFR3 | | 145 | 141 | 125 | 125 | 113 | 151 | 176 | 188 | 188 | 194 | 192 | 198 | 4,006 |
| IH 2015-SFR1 | | 138 | 141 | 146 | 134 | 105 | 112 | 108 | 130 | 155 | 164 | 144 | 152 | 3,021 |
| IH 2015-SFR2 | | 153 | 138 | 151 | 129 | 115 | 116 | 123 | 152 | 179 | 178 | 176 | 213 | 3,520 |
| IH 2015-SFR3 | | 348 | 317 | 314 | 304 | 254 | 246 | 266 | 308 | 344 | 381 | 375 | 408 | 7, 182 |
| PRD 2015-SFR2 | | 219 | 213 | 220 | 224 | 198 | 162 | 134 | 123 | 125 | 137 | 194 | 234 | 3,303 |
| PRD 2015-SFR3 | | 77 | 83 | 83 | 88 | 112 | 160 | 211 | 239 | 263 | 251 | 259 | 226 | 3, 162 |
| PRD 2016-SFR1 | | | | | | | | | | 210 | 254 | 310 | 364 | 5,577 |
| SBY 2014-1 | | 146 | 116 | 107 | 95 | 99 | 92 | 107 | 130 | 113 | 127 | 115 | 112 | 3,003 |
| SWAY 2014-1 | | 286 | 284 | 294 | 293 | 268 | 239 | 229 | 242 | 238 | 246 | 213 | 202 | 4,071 |
| TAH 2015-SFR1 | | 207 | 238 | 229 | 236 | 231 | 179 | 190 | 189 | 200 | 212 | 189 | 159 | 3,377 |
| TAH 2016-SFR1 | | | | | | | | | | | | | 157 | 3,439 |
| Overall SFR | | 3,788 | 3,714 | 3,564 | 3,476 | 3,460 | 3,468 | 3,672 | 3,874 | 4,405 | 4,621 | 4,713 | 4,994 | 96,430 |



| Table 2b – Month- | End Vacancy (I | oy Percentage | 2 | ይ | | | | | | | | | |
|-------------------|----------------|-------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | Year 2015 Year 2015 Dec | ear 2016 Jan | Feb | Mar | Apr | Мау | Jun | Jul | Aug | Sep | Oct | Nov |
| AH4R 2014-SFR1 | | 5.3 | 4.8 | 3.9 | 3.5 | 4.5 | 4.4 | 3.8 | 4.0 | 3.9 | 4.2 | 4.7 | 5.0 |
| AH4R 2014-SFR2 | | 4.7 | 4.7 | 3.4 | 3.5 | 4.5 | 5.0 | 5.2 | 4.5 | 4.3 | 4.4 | 4.3 | 4.5 |
| AH4R 2014-SFR3 | | 5.0 | 4.8 | 3.8 | 4.0 | 4.2 | 4.1 | 4.6 | 4.9 | 4.5 | 5.7 | 5.8 | 5.5 |
| AH4R 2015-SFR1 | | 8.0 | 6.9 | 5.3 | 3.9 | 3.7 | 4.0 | 4.2 | 4.4 | 4.8 | 5.9 | 5.6 | 5.8 |
| AH4R 2015-SFR2 | | 3.5 | 3.8 | 4.3 | 5.1 | 6.5 | 6.9 | 6.2 | 4.7 | 3.6 | 3.3 | 3.6 | 4.0 |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A |
| CAH 2014-1 | | 4.7 | 3.8 | 3.4 | 3.5 | 3.3 | 3.2 | 3.4 | 4.8 | 5.3 | 5.2 | 5.3 | 5.8 |
| CAH 2014-2 | | 4.2 | 4.7 | 5.0 | 5.0 | 5.1 | 4.0 | 4.5 | 4.3 | 4.9 | 5.1 | 4.8 | 5.0 |
| CAH 2015-1 | | 4.8 | 4.5 | 4.2 | 4.3 | 3.7 | 3.6 | 4.4 | 5.8 | 5.7 | 5.1 | 5.4 | 5.0 |
| CSH 2016-1 | | | | | | | | | | 4.0 | 4.2 | 4.7 | 5.3 |
| HPA 2016-1 | | | | 1.7 | 2.0 | 2.1 | 1.8 | 2.4 | 3.5 | 4.2 | 4.7 | 4.4 | 3.7 |
| HPA 2016-2 | / | | | | | | | | | | 0.6 | 1.0 | 1.2 |
| IH 2013-SFR1 | $\overline{}$ | 3.0 | 4.2 | 4.0 | 3.9 | 3.7 | 3.2 | 3.4 | 3.5 | 3.3 | 3.2 | 3.9 | 4.1 |
| IH 2014-SFR1 | | 2.8 | 3.1 | 3.5 | 3.3 | 3.7 | 4.4 | 5.0 | 4.9 | 5.8 | 5.3 | 5.4 | 5.0 |
| IH 2014-SFR2 | | 3.4 | 3.7 | 3.7 | 3.4 | 3.1 | 3.7 | 4.2 | 4.2 | 5.0 | 5.2 | 5.3 | 5.0 |
| IH 2014-SFR3 | | 3.6 | 3.5 | 3.1 | 3.1 | 2.8 | 3.8 | 4.4 | 4.7 | 4.7 | 4.8 | 4.8 | 4.9 |
| IH 2015-SFR1 | | 4.5 | 4.6 | 4.8 | 4.4 | 3.5 | 3.7 | 3.6 | 4.3 | 5.1 | 5.4 | 4.8 | 5.0 |
| IH 2015-SFR2 | | 4.3 | 3.9 | 4.3 | 3.7 | 3.3 | 3.3 | 3.5 | 4.3 | 5.1 | 5.1 | 5.0 | 6.1 |
| IH 2015-SFR3 | | 4.8 | 4.4 | 4.4 | 4.2 | 3.5 | 3.4 | 3.7 | 4.3 | 4.8 | 5.3 | 5.2 | 5.7 |
| PRD 2015-SFR2 | | 6.6 | 6.4 | 6.6 | 6.8 | 6.0 | 4.9 | 4.1 | 3.7 | 3.8 | 4.1 | 5.9 | 7.1 |
| PRD 2015-SFR3 | | 2.4 | 2.6 | 2.6 | 2.8 | 3.5 | 5.1 | 6.7 | 7.6 | 8.3 | 7.9 | 8.2 | 7.1 |
| PRD 2016-SFR1 | | | | | | | | | | 3.8 | 4.6 | 5.6 | 6.5 |
| SBY 2014-1 | | 4.8 | 3.9 | 3.6 | 3.2 | 3.3 | 3.1 | 3.6 | 4.3 | 3.8 | 4.2 | 3.8 | 3.7 |
| SWAY 2014-1 | | 7.0 | 7.0 | 7.2 | 7.2 | 6.6 | 5.9 | 5.6 | 5.9 | 5.8 | 6.0 | 5.2 | 5.0 |
| TAH 2015-SFR1 | | 5.9 | 6.8 | 6.5 | 6.7 | 6.6 | 5.1 | 5.4 | 5.4 | 5.7 | 6.1 | 5.6 | 4.7 |
| TAH 2016-SFR1 | | | | | | | | | | | | | 4.6 |
| Overall SFR | | 4.7 | 4.6 | 4.3 | 4.2 | 4.2 | 4.2 | 4.4 | 4.7 | 4.8 | 5.0 | 4.9 | 5.2 |
| 11 | | | | | | | | | | | | | |



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| Table 2c – Month-End Vacancy (by Percentage) – Top MSAs Year 2015 Year 2016 | | | | | | | | | | | | | |
|---|------|--------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | <u>Year 2015 Y</u> | ear 2016 | | | | | | | | | | |
| | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| Atlanta, GA | | 4.9 | 4.5 | 4.1 | 4.1 | 4.0 | 4.2 | 4.1 | 4.8 | 4.8 | 4.5 | 4.7 | 4.7 |
| Charlotte, NC | | 5.0 | 5.4 | 5.3 | 5.0 | 4.3 | 4.3 | 4.4 | 4.4 | 4.5 | 4.9 | 5.5 | 6.1 |
| Chicago, IL | | 7.5 | 6.8 | 5.7 | 5.5 | 5.7 | 5.4 | 5.9 | 6.9 | 6.4 | 6.1 | 6.4 | 5.6 |
| Dallas-Plano-Irving, TX | | 4.4 | 4.2 | 4.0 | 3.3 | 3.6 | 4.8 | 4.2 | 4.2 | 4.7 | 4.7 | 5.8 | 5.7 |
| Fort Lauderdale, FL | | 4.7 | 4.7 | 4.8 | 4.1 | 4.2 | 3.9 | 3.8 | 5.7 | 6.1 | 7.1 | 6.6 | 6.3 |
| Fort Worth-Arlington, TX | | 4.5 | 4.6 | 4.6 | 4.5 | 4.9 | 4.5 | 4.6 | 4.1 | 3.6 | 3.6 | 4.3 | 4.6 |
| Houston, TX | | 6.3 | 6.2 | 5.9 | 5.2 | 6.1 | 6.8 | 6.3 | 7.4 | 7.0 | 7.4 | 7.6 | 7.7 |
| Indianapolis, IN | | 5.5 | 5.3 | 4.5 | 4.2 | 5.0 | 5.3 | 6.1 | 5.4 | 6.4 | 6.4 | 7.1 | 6.7 |
| Jacksonville, FL | | 6.1 | 5.1 | 4.8 | 4.3 | 4.9 | 5.2 | 5.1 | 5.3 | 5.3 | 6.2 | 6.7 | 7.1 |
| Lakeland, FL | ~~~~ | 4.0 | 4.7 | 4.7 | 4.0 | 4.9 | 3.9 | 3.9 | 4.1 | 6.3 | 6.3 | 6.5 | 7.0 |
| Las Vegas, NV | | 4.4 | 3.7 | 3.7 | 3.8 | 3.6 | 3.5 | 4.2 | 4.4 | 3.9 | 3.8 | 4.2 | 3.7 |
| Los Angeles, CA | ~~~~ | 2.3 | 3.3 | 2.9 | 3.3 | 2.8 | 3.5 | 3.9 | 3.1 | 3.3 | 3.9 | 3.2 | 3.1 |
| Miami, FL | | 5.0 | 5.0 | 4.5 | 4.4 | 3.3 | 4.0 | 4.0 | 3.7 | 4.6 | 5.4 | 5.6 | 7.5 |
| Orlando, FL | | 4.1 | 4.4 | 4.8 | 3.9 | 3.3 | 3.9 | 3.8 | 4.5 | 4.5 | 4.8 | 4.9 | 5.2 |
| Phoenix, AZ | | 3.6 | 3.5 | 3.2 | 2.9 | 2.8 | 2.9 | 3.5 | 3.5 | 3.9 | 4.4 | 4.5 | 4.6 |
| Raleigh-Cary, NC | ~~~~ | 4.6 | 4.3 | 3.0 | 4.2 | 5.3 | 4.8 | 4.4 | 4.5 | 4.4 | 5.8 | 5.5 | 5.4 |
| Riverside-San Bernardino, CA | | 4.4 | 4.4 | 4.2 | 4.4 | 4.3 | 4.4 | 5.2 | 4.1 | 5.1 | 4.0 | 3.8 | 4.0 |
| Sacramento, CA | ~~~~ | 2.2 | 2.1 | 2.5 | 2.3 | 1.7 | 2.7 | 3.2 | 3.3 | 3.9 | 2.9 | 3.0 | 2.6 |
| Sarasota-Bradenton-Venica, FL | | 4.5 | 4.6 | 5.3 | 5.8 | 5.2 | 5.4 | 6.0 | 7.0 | 7.0 | 7.1 | 7.4 | 7.1 |
| Tampa, FL | | 5.1 | 4.7 | 4.6 | 4.6 | 4.3 | 4.0 | 4.9 | 5.0 | 5.0 | 4.8 | 5.3 | 5.2 |
| 12 | | | | | | | | | | | | | |

Table 2c – Month-End Vacancy (by Percentage) – Top MSAs



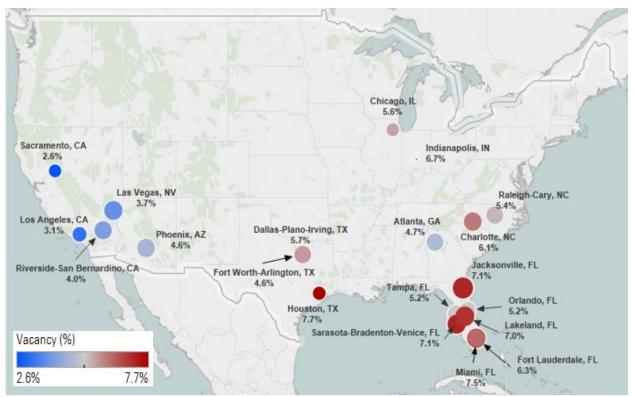


Chart 5 – MSA-Level Vacancy and Lease Expiration Percentage (by Count)*

Sources: Morningstar Credit Ratings, LLC; Tableau Software

*The size of the circles represents the last three months of lease expirations by count as a percentage of each MSA, ranging from 10.1% to 20.3%. Because of their proximity, the Fort Worth-Arlington, Texas, MSA is hidden behind Dallas-Plano-Irving, and the Miami MSA is behind Fort Lauderdale, Florida.



Table 3a – Lease Expiration (by Count)

| ount) | $\mathbf{\nabla}$ |
|-------|-------------------|
| ount) | |

| | | | | | | | | | | | | | | Total |
|----------------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| | | Year 2015 Y | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | <u>Count</u> |
| AH4R 2014-SFR1 | | 172 | 226 | 256 | 287 | 284 | 341 | 322 | 326 | 273 | 240 | 220 | 186 | 3,809 |
| AH4R 2014-SFR2 | | 129 | 223 | 299 | 434 | 487 | 551 | 388 | 358 | 297 | 221 | 190 | 195 | 4,484 |
| AH4R 2014-SFR3 | | 155 | 230 | 237 | 280 | 331 | 461 | 556 | 432 | 396 | 288 | 216 | 146 | 4,503 |
| AH4R 2015-SFR1 | | 260 | 128 | 120 | 131 | 190 | 232 | 420 | 540 | 430 | 361 | 341 | 293 | 4,660 |
| AH4R 2015-SFR2 | | 130 | 312 | 496 | 592 | 621 | 620 | 421 | 165 | 82 | 99 | 116 | 122 | 4,124 |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A | N/A |
| CAH 2014-1 | | 105 | 131 | 145 | 178 | 189 | 214 | 260 | 349 | 390 | 322 | 290 | 210 | 3,351 |
| CAH 2014-2 | <u></u> | 234 | 278 | 425 | 372 | 336 | 276 | 240 | 234 | 262 | 238 | 245 | 221 | 3,685 |
| CAH 2015-1 | | 187 | 127 | 153 | 187 | 230 | 321 | 393 | 404 | 421 | 313 | 286 | 241 | 3,871 |
| CSH 2016-1 | | | | | | | | | | 271 | 257 | 230 | 182 | 3,564 |
| HPA 2016-1 | | | | 71 | 137 | 186 | 170 | 263 | 298 | 263 | 262 | 139 | 62 | 2, 107 |
| HPA 2016-2 | / | | | | | | | | | | 4 | 8 | 10 | 1,399 |
| IH 2013-SFR1 | | 178 | 289 | 312 | 279 | 269 | 237 | 178 | 158 | 141 | 129 | 156 | 142 | 3, 186 |
| IH 2014-SFR1 | | 133 | 237 | 342 | 505 | 608 | 630 | 601 | 509 | 419 | 345 | 284 | 202 | 6,345 |
| IH 2014-SFR2 | | 164 | 199 | 200 | 247 | 241 | 281 | 301 | 279 | 278 | 194 | 203 | 154 | 3,681 |
| IH 2014-SFR3 | | 183 | 225 | 198 | 226 | 249 | 302 | 366 | 323 | 245 | 209 | 184 | 203 | 4,006 |
| IH 2015-SFR1 | ~ | 224 | 286 | 234 | 215 | 138 | 125 | 142 | 180 | 191 | 183 | 200 | 207 | 3,021 |
| IH 2015-SFR2 | | 213 | 252 | 277 | 235 | 180 | 155 | 188 | 222 | 219 | 218 | 247 | 270 | 3,520 |
| IH 2015-SFR3 | | 482 | 527 | 574 | 478 | 377 | 292 | 353 | 427 | 460 | 449 | 532 | 480 | 7, 182 |
| PRD 2015-SFR2 | | 77 | 137 | 263 | 496 | 280 | 130 | 105 | 113 | 150 | 177 | 304 | 165 | 3,303 |
| PRD 2015-SFR3 | | 7 | 16 | 31 | 115 | 224 | 501 | 446 | 442 | 412 | 210 | 74 | 27 | 3,162 |
| PRD 2016-SFR1 | | | | | | | | | | 170 | 263 | 420 | 242 | 5,577 |
| SBY 2014-1 | | 125 | 163 | 169 | 192 | 178 | 207 | 232 | 169 | 187 | 184 | 177 | 156 | 3,003 |
| SWAY 2014-1 | | 57 | 61 | 176 | 142 | 254 | 312 | 311 | 268 | 253 | 204 | 71 | 60 | 4,071 |
| TAH 2015-SFR1 | | 232 | 132 | 168 | 211 | 229 | 212 | 208 | 215 | 253 | 222 | 235 | 144 | 3,377 |
| TAH 2016-SFR1 | | | | | | | | | | | | | 93 | 3,439 |
| Overall SFR | | 3,447 | 4,179 | 5,146 | 5,939 | 6,081 | 6,570 | 6,694 | 6,411 | 6,463 | 5,592 | 5,368 | 4,413 | 96,430 |
| | | | | | | | | | | | | | | |

¹⁴



| Table 3b – Lease B | Expiration (by P | | | | | | | | | | | | |
|--------------------|------------------|--------------------|-----------------|------|------|------|------|------|------|------|------|-----|-----|
| | | Year 2015 Y Dec | ear 2016 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Νον |
| AH4R 2014-SFR1 | | 4.5 | 5.9 | 6.6 | 7.5 | 7.4 | 8.9 | 8.4 | 8.5 | 7.1 | 6.3 | 5.8 | 4.9 |
| AH4R 2014-SFR2 | | 2.9 | 5.0 | 6.7 | 9.7 | 10.9 | 12.3 | 8.6 | 8.0 | 6.6 | 4.9 | 4.2 | 4.3 |
| AH4R 2014-SFR3 | | 3.4 | 5.1 | 5.3 | 6.2 | 7.4 | 10.2 | 12.3 | 9.6 | 8.8 | 6.4 | 4.8 | 3.2 |
| AH4R 2015-SFR1 | | 5.6 | 2.7 | 2.6 | 2.8 | 4.1 | 5.0 | 9.0 | 11.6 | 9.2 | 7.7 | 7.3 | 6.3 |
| AH4R 2015-SFR2 | | 3.2 | 7.6 | 12.0 | 14.4 | 15.1 | 15.0 | 10.2 | 4.0 | 2.0 | 2.4 | 2.8 | 3.0 |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A |
| CAH 2014-1 | | 3.1 | 3.9 | 4.3 | 5.3 | 5.6 | 6.4 | 7.7 | 10.4 | 11.6 | 9.6 | 8.6 | 6.3 |
| CAH 2014-2 | | 6.3 | 7.5 | 11.5 | 10.0 | 9.1 | 7.5 | 6.5 | 6.3 | 7.1 | 6.4 | 6.6 | 6.0 |
| CAH 2015-1 | | 4.8 | 3.3 | 3.9 | 4.8 | 5.9 | 8.3 | 10.1 | 10.4 | 10.9 | 8.1 | 7.4 | 6.2 |
| CSH 2016-1 | | | | | | | | | | 7.6 | 7.2 | 6.5 | 5.1 |
| HPA 2016-1 | | | | 3.2 | 6.1 | 8.4 | 7.7 | 12.1 | 13.8 | 12.3 | 12.3 | 6.6 | 2.9 |
| HPA 2016-2 | / | | | | | | | | | | 0.3 | 0.6 | 0.7 |
| IH 2013-SFR1 | | 5.6 | 9.0 | 9.7 | 8.7 | 8.4 | 7.4 | 5.6 | 5.0 | 4.4 | 4.0 | 4.9 | 4.5 |
| IH 2014-SFR1 | | 2.1 | 3.7 | 5.3 | 7.9 | 9.6 | 9.9 | 9.4 | 8.0 | 6.6 | 5.4 | 4.5 | 3.2 |
| IH 2014-SFR2 | | 4.4 | 5.3 | 5.3 | 6.7 | 6.5 | 7.6 | 8.2 | 7.6 | 7.5 | 5.3 | 5.5 | 4.2 |
| IH 2014-SFR3 | ~~~~ | 4.6 | 5.6 | 4.9 | 5.6 | 6.2 | 7.5 | 9.1 | 8.1 | 6.1 | 5.2 | 4.6 | 5.1 |
| IH 2015-SFR1 | \sim | 7.3 | 9.4 | 7.7 | 7.1 | 4.6 | 4.1 | 4.7 | 5.9 | 6.3 | 6.0 | 6.6 | 6.9 |
| IH 2015-SFR2 | | 6.0 | 7.2 | 7.9 | 6.7 | 5.1 | 4.4 | 5.3 | 6.3 | 6.2 | 6.2 | 7.0 | 7.7 |
| IH 2015-SFR3 | | 6.7 | 7.3 | 8.0 | 6.6 | 5.2 | 4.1 | 4.9 | 5.9 | 6.4 | 6.2 | 7.4 | 6.7 |
| PRD 2015-SFR2 | \frown | 2.3 | 4.1 | 7.9 | 15.0 | 8.5 | 3.9 | 3.2 | 3.4 | 4.5 | 5.4 | 9.2 | 5.0 |
| PRD 2015-SFR3 | | 0.2 | 0.5 | 1.0 | 3.6 | 7.1 | 15.8 | 14.1 | 14.0 | 13.0 | 6.6 | 2.3 | 0.9 |
| PRD 2016-SFR1 | <u> </u> | | | | | | | | | 3.0 | 4.7 | 7.5 | 4.3 |
| SBY 2014-1 | | 4.2 | 5.4 | 5.6 | 6.4 | 5.9 | 6.9 | 7.7 | 5.6 | 6.2 | 6.1 | 5.9 | 5.2 |
| SWAY 2014-1 | | 1.4 | 1.5 | 4.3 | 3.5 | 6.2 | 7.6 | 7.6 | 6.6 | 6.2 | 5.0 | 1.7 | 1.5 |
| TAH 2015-SFR1 | $\overline{}$ | 6.6 | 3.8 | 4.8 | 6.0 | 6.5 | 6.0 | 5.9 | 6.1 | 7.2 | 6.3 | 6.9 | 4.3 |
| TAH 2016-SFR1 | | | | | | | | | | | | | 2.7 |
| Overall SFR | | 4.3 | 5.2 | 6.2 | 7.2 | 7.3 | 7.9 | 8.1 | 7.7 | 7.0 | 6.0 | 5.6 | 4.6 |
| 45 | | | | | | | | | | | | | |

15



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| Table 3c – Lease Expiration (by Percentage) – Top MSAs | | | | | | | | | | | | | |
|--|---|-----|-----|-----|-----|------|------|------|-----|------|-----|-----|-----|
| | <u>Year 2015</u> Year 2016 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct | | | | | | | | | | | | |
| | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| Atlanta, GA | | 4.2 | 4.1 | 5.7 | 7.4 | 7.2 | 8.4 | 7.1 | 6.9 | 5.8 | 5.7 | 5.9 | 4.9 |
| Charlotte, NC | | 4.5 | 5.3 | 5.8 | 6.7 | 6.4 | 6.8 | 9.3 | 8.0 | 8.0 | 6.8 | 6.1 | 5.0 |
| Chicago, IL | | 3.8 | 4.5 | 6.4 | 7.9 | 8.6 | 8.7 | 8.9 | 7.9 | 6.0 | 5.7 | 4.9 | 3.4 |
| Dallas-Plano-Irving, TX | ~~~~~ | 4.4 | 5.9 | 5.2 | 7.4 | 6.9 | 8.2 | 8.7 | 9.8 | 7.6 | 5.3 | 7.1 | 4.3 |
| Fort Lauderdale, FL | ~~~~ | 5.1 | 8.3 | 6.4 | 8.7 | 7.8 | 5.5 | 7.8 | 6.4 | 6.0 | 7.0 | 5.8 | 4.8 |
| Fort Worth-Arlington, TX | <u> </u> | 3.7 | 6.3 | 6.4 | 9.1 | 8.0 | 9.3 | 8.1 | 7.5 | 6.9 | 5.2 | 5.2 | 4.1 |
| Houston, TX | | 3.4 | 4.7 | 5.5 | 6.7 | 7.9 | 9.1 | 8.8 | 8.1 | 6.6 | 5.4 | 5.1 | 3.7 |
| Indianapolis, IN | | 1.9 | 3.0 | 3.9 | 7.6 | 10.6 | 12.1 | 11.2 | 9.3 | 7.5 | 5.5 | 3.5 | 1.1 |
| Jacksonville, FL | | 3.8 | 4.7 | 4.9 | 7.0 | 7.5 | 8.1 | 7.3 | 7.2 | 6.9 | 7.2 | 6.7 | 6.4 |
| Lakeland, FL | | 4.6 | 4.0 | 6.5 | 7.1 | 7.6 | 7.2 | 8.7 | 8.6 | 10.1 | 7.2 | 6.7 | 5.1 |
| Las Vegas, NV | | 2.7 | 4.9 | 5.0 | 7.5 | 7.2 | 8.3 | 8.5 | 8.7 | 8.0 | 6.5 | 7.6 | 4.5 |
| Los Angeles, CA | ~~~~ | 4.3 | 5.6 | 5.7 | 6.6 | 6.9 | 5.5 | 5.9 | 5.7 | 6.8 | 6.5 | 4.1 | 4.4 |
| Miami, FL | ~~~~~ | 6.6 | 5.6 | 7.1 | 6.5 | 6.5 | 6.3 | 7.6 | 6.2 | 7.3 | 6.0 | 6.8 | 5.9 |
| Orlando, FL | | 4.8 | 5.5 | 5.8 | 6.2 | 6.3 | 9.3 | 9.0 | 9.4 | 7.2 | 5.6 | 6.1 | 4.5 |
| Phoenix, AZ | | 5.0 | 6.5 | 7.7 | 7.7 | 6.6 | 7.6 | 6.7 | 7.0 | 6.9 | 6.6 | 6.4 | 4.8 |
| Raleigh-Cary, NC | | 2.9 | 4.8 | 6.3 | 8.7 | 7.8 | 9.8 | 9.7 | 8.3 | 8.0 | 5.7 | 6.3 | 4.5 |
| Riverside-San Bernardino, CA | | 4.3 | 5.9 | 7.0 | 7.2 | 6.9 | 6.4 | 6.4 | 7.1 | 6.6 | 5.4 | 6.3 | 5.7 |
| Sacramento, CA | $\frown\frown$ | 3.5 | 5.7 | 6.6 | 8.0 | 7.9 | 8.6 | 7.5 | 6.3 | 7.8 | 5.1 | 4.5 | 4.2 |
| Sarasota-Bradenton-Venice, FL | | 3.6 | 4.1 | 5.7 | 7.4 | 6.9 | 7.3 | 8.5 | 9.1 | 9.0 | 6.8 | 6.3 | 5.2 |
| Tampa, FL | | 4.5 | 4.3 | 6.3 | 6.0 | 6.1 | 7.4 | 8.3 | 8.7 | 7.6 | 5.9 | 6.1 | 4.9 |

Table 3c – Lease Expiration (by Percentage) – Top MSAs

16



| Table 4a – Historic | al Months of Va | cancy fo | or Nove | mber \ | /acanc | ies (by | Count | | 7 | | | | | |
|---------------------|-----------------|----------|---------|--------|--------|---------|-------|----|----|----|----|----|-----|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12+ | Total |
| AH4R 2014-SFR1 | | 40 | 40 | 35 | 32 | 20 | 7 | 2 | 2 | 2 | 1 | 3 | 6 | 190 |
| AH4R 2014-SFR2 | | 50 | 56 | 39 | 17 | 16 | 15 | 6 | 2 | 0 | 0 | 0 | 0 | 201 |
| AH4R 2014-SFR3 | | 52 | 70 | 46 | 39 | 19 | 13 | 5 | 1 | 0 | 2 | 0 | 1 | 248 |
| AH4R 2015-SFR1 | | 81 | 60 | 67 | 27 | 14 | 6 | 10 | 1 | 1 | 1 | 0 | 0 | 268 |
| AH4R 2015-SFR2 | | 63 | 49 | 22 | 19 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 167 |
| AMSR 2016-SFR1 | | N/A | N/A | N/A | | | | | | | | | | N/A |
| CAH 2014-1 | | 41 | 45 | 39 | 28 | 13 | 15 | 5 | 1 | 2 | 3 | 1 | 0 | 193 |
| CAH 2014-2 | | 58 | 33 | 36 | 26 | 11 | 8 | 6 | 3 | 1 | 1 | 1 | 1 | 185 |
| CAH 2015-1 | | 55 | 49 | 41 | 27 | 16 | 3 | 3 | 0 | 0 | 0 | 0 | 1 | 195 |
| CSH 2016-1 | L | 88 | 60 | 26 | 15 | 1 | | | | | | | | 190 |
| HPA 2016-1 | | 30 | 29 | 10 | 6 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | | 79 |
| HPA 2016-2 | | 10 | 3 | 4 | 0 | | | | | | | | | 17 |
| IH 2013-SFR1 | | 30 | 28 | 33 | 13 | 13 | 8 | 4 | 1 | 1 | 0 | 0 | 1 | 132 |
| IH 2014-SFR1 | | 39 | 68 | 70 | 57 | 38 | 18 | 19 | 3 | 5 | 0 | 1 | 1 | 319 |
| IH 2014-SFR2 | | 42 | 46 | 31 | 36 | 11 | 10 | 4 | 3 | 0 | 0 | 1 | 1 | 185 |
| IH 2014-SFR3 | | 49 | 47 | 32 | 34 | 21 | 6 | 3 | 2 | 1 | 1 | 0 | 2 | 198 |
| IH 2015-SFR1 | | 45 | 37 | 26 | 25 | 11 | 2 | 1 | 0 | 0 | 1 | 0 | 4 | 152 |
| IH 2015-SFR2 | | 71 | 67 | 40 | 19 | 5 | 8 | 1 | 1 | 1 | 0 | 0 | 0 | 213 |
| IH 2015-SFR3 | I II | 130 | 109 | 74 | 43 | 21 | 13 | 4 | 1 | 1 | 1 | 3 | 8 | 408 |
| PRD 2015-SFR2 | | 71 | 66 | 34 | 30 | 14 | 9 | 3 | 2 | 2 | 0 | 0 | 3 | 234 |
| PRD 2015-SFR3 | | 49 | 53 | 60 | 42 | 15 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | 226 |
| PRD 2016-SFR1 | Lu | 142 | 102 | 67 | 49 | 4 | | | | | | | | 364 |
| SBY 2014-1 | | 29 | 28 | 26 | 10 | 7 | 7 | 0 | 1 | 2 | 1 | 1 | 0 | 112 |
| SWAY 2014-1 | | 29 | 48 | 40 | 21 | 16 | 12 | 13 | 4 | 7 | 1 | 6 | 5 | 202 |
| TAH 2015-SFR1 | | 60 | 24 | 30 | 17 | 11 | 6 | 4 | 2 | 1 | 2 | 0 | 2 | 159 |
| TAH 2016-SFR1 | L. | 130 | 27 | | | | | | | | | | | 157 |
| Overall SFR | llu | 1,484 | 1,244 | 928 | 632 | 312 | 173 | 94 | 30 | 27 | 16 | 17 | 37 | 4,994 |
| 17 | | | | | | | | | | | | | | |



| Table 4b – Historic | al Months of Va | cancv fo | or Nove | ember \ | Vacanc | ies (bv | Perce | ntage) | | | | | | |
|---------------------|-----------------|----------|---------|---------|--------|---------|-------|--------|-----|-----|-----|-----|-----|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12+ | Total |
| AH4R 2014-SFR1 | | 21.1 | 21.1 | 18.4 | 16.8 | 10.5 | 3.7 | 1.1 | 1.1 | 1.1 | 0.5 | 1.6 | 3.2 | 100.0 |
| AH4R 2014-SFR2 | | 24.9 | 27.9 | 19.4 | 8.5 | 8.0 | 7.5 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| AH4R 2014-SFR3 | | 21.0 | 28.2 | 18.5 | 15.7 | 7.7 | 5.2 | 2.0 | 0.4 | 0.0 | 0.8 | 0.0 | 0.4 | 100.0 |
| AH4R 2015-SFR1 | | 30.2 | 22.4 | 25.0 | 10.1 | 5.2 | 2.2 | 3.7 | 0.4 | 0.4 | 0.4 | 0.0 | 0.0 | 100.0 |
| AH4R 2015-SFR2 | L | 37.7 | 29.3 | 13.2 | 11.4 | 7.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| AMSR 2016-SFR1 | | N/A | N/A | N/A | | | | | | | | | | N/A |
| CAH 2014-1 | | 21.2 | 23.3 | 20.2 | 14.5 | 6.7 | 7.8 | 2.6 | 0.5 | 1.0 | 1.6 | 0.5 | 0.0 | 100.0 |
| CAH 2014-2 | L | 31.4 | 17.8 | 19.5 | 14.1 | 5.9 | 4.3 | 3.2 | 1.6 | 0.5 | 0.5 | 0.5 | 0.5 | 100.0 |
| CAH 2015-1 | | 28.2 | 25.1 | 21.0 | 13.8 | 8.2 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 100.0 |
| CSH 2016-1 | L | 46.3 | 31.6 | 13.7 | 7.9 | 0.5 | | | | | | | | 100.0 |
| HPA 2016-1 | | 38.0 | 36.7 | 12.7 | 7.6 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | | 100.0 |
| HPA 2016-2 | Lu | 58.8 | 17.6 | 23.5 | 0.0 | | | | | | | | | 100.0 |
| IH 2013-SFR1 | | 22.7 | 21.2 | 25.0 | 9.8 | 9.8 | 6.1 | 3.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 | 100.0 |
| IH 2014-SFR1 | | 12.2 | 21.3 | 21.9 | 17.9 | 11.9 | 5.6 | 6.0 | 0.9 | 1.6 | 0.0 | 0.3 | 0.3 | 100.0 |
| IH 2014-SFR2 | | 22.7 | 24.9 | 16.8 | 19.5 | 5.9 | 5.4 | 2.2 | 1.6 | 0.0 | 0.0 | 0.5 | 0.5 | 100.0 |
| IH 2014-SFR3 | | 24.7 | 23.7 | 16.2 | 17.2 | 10.6 | 3.0 | 1.5 | 1.0 | 0.5 | 0.5 | 0.0 | 1.0 | 100.0 |
| IH 2015-SFR1 | | 29.6 | 24.3 | 17.1 | 16.4 | 7.2 | 1.3 | 0.7 | 0.0 | 0.0 | 0.7 | 0.0 | 2.6 | 100.0 |
| IH 2015-SFR2 | | 33.3 | 31.5 | 18.8 | 8.9 | 2.3 | 3.8 | 0.5 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 100.0 |
| IH 2015-SFR3 | | 31.9 | 26.7 | 18.1 | 10.5 | 5.1 | 3.2 | 1.0 | 0.2 | 0.2 | 0.2 | 0.7 | 2.0 | 100.0 |
| PRD 2015-SFR2 | | 30.3 | 28.2 | 14.5 | 12.8 | 6.0 | 3.8 | 1.3 | 0.9 | 0.9 | 0.0 | 0.0 | 1.3 | 100.0 |
| PRD 2015-SFR3 | | 21.7 | 23.5 | 26.5 | 18.6 | 6.6 | 2.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 100.0 |
| PRD 2016-SFR1 | | 39.0 | 28.0 | 18.4 | 13.5 | 1.1 | | | | | | | | 100.0 |
| SBY 2014-1 | | 25.9 | 25.0 | 23.2 | 8.9 | 6.3 | 6.3 | 0.0 | 0.9 | 1.8 | 0.9 | 0.9 | 0.0 | 100.0 |
| SWAY 2014-1 | | 14.4 | 23.8 | 19.8 | 10.4 | 7.9 | 5.9 | 6.4 | 2.0 | 3.5 | 0.5 | 3.0 | 2.5 | 100.0 |
| TAH 2015-SFR1 | L | 37.7 | 15.1 | 18.9 | 10.7 | 6.9 | 3.8 | 2.5 | 1.3 | 0.6 | 1.3 | 0.0 | 1.3 | 100.0 |
| TAH 2016-SFR1 | | 82.8 | 17.2 | | | | | | | | | | | 100.0 |
| Overall SFR | | 29.7 | 24.9 | 18.6 | 12.7 | 6.2 | 3.5 | 1.9 | 0.6 | 0.5 | 0.3 | 0.3 | 0.7 | 100.0 |
| 18 | | | | | | | | | | | | | | |



| | | | 5 |
|-----------|-----------|--------------|-----|
| Table 5 – | Delinquen | cy Definitio | n l |

| lssuer | Definition |
|--|--|
| American Homes 4 Rent Colony American | Past due one calendar month or more (not dependent on day count) and owing \$200 or more |
| Homes/Colony Starwood Homes | Past due one calendar month or more (not dependent on day count) and owing \$200 or more |
| Home Partners of America | Past due 30 days or more (not dependent on calendar month) and owing \$500 or more |
| Invitation Homes | Past due 30 days or more (not dependent on calendar month) and owing 25% of one month's rent or more |
| Progress Residential | Past due 30 days or more (not dependent on calendar month) and owing \$200 or more ¹ |
| Silver Bay Realty | Past due 30 days or more (not dependent on calendar month) and owing \$500 or more ² |
| SWAY Residential | Past due one calendar month or more (not dependent on day count) and owing \$200 or more 3 |
| Tricon American Homes | Past due 30 days or more (not dependent on calendar month) and owing \$500 or more ² |

¹Includes Section 8 rent, pet fees, and MTM fees, but excludes late fees and damage fees.

²Based on total receivables.

³As of January 2016, SWAY Residential reporting was converted to the Colony American Homes/Colony Starwood Homes delinquency definition. Previously, SWAY Residential defined delinquencies as past due 30 days or more following a calendar month grace period, and owing \$500 or more.



| Total Count 3,809 4,484 4,503 |
|--|
| 4,484 |
| |
| 4 503 |
| 4,000 |
| 4,660 |
| 4,124 |
| N/A |
| 3,351 |
| 3,685 |
| 3,871 |
| 3,564 |
| 2,107 |
| 1,399 |
| 3, 186 |
| 6,345 |
| 3,681 |
| 4,006 |
| 3,021 |
| 3,520 |
| 7,182 |
| 3,303 |
| 3,162 |
| 5,577 |
| 3,003 |
| 4,071 |
| 3,377 |
| 3,439 |
| 96,430 |
| 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |

*Using SWAY Residential's new delinquency definition January 2016 and beyond as well as its old delinquency definition before January 2016.

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| Table 6b – Month-End Delinquency (by Percentage) | | | | | | | | | | | | | | | |
|--|---|-----------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | Year | 2015 Yea Dec | u r 2016 Jan | Feb | Mar | Apr | Мау | Jun | Jul | Aug | Sep | Oct | Nov | | |
| AH4R 2014-SFR1 | | 0.9 | 0.6 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | | |
| AH4R 2014-SFR2 | | 0.8 | 0.7 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.3 | 0.5 | | |
| AH4R 2014-SFR3 | | 0.7 | 0.4 | 0.3 | 0.1 | 0.1 | 0.3 | 0.3 | 0.2 | 0.3 | 0.4 | 0.4 | 0.4 | | |
| AH4R 2015-SFR1 | ~~~~ | 0.6 | 0.5 | 0.4 | 0.2 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | | |
| AH4R 2015-SFR2 | \sim | 0.6 | 0.7 | 0.3 | 0.3 | 0.2 | 0.3 | 0.5 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | | |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A | | |
| CAH 2014-1 | $\widehat{}$ | 0.5 | 0.9 | 0.5 | 0.5 | 0.4 | 0.6 | 0.5 | 0.7 | 0.6 | 0.6 | 0.7 | 0.8 | | |
| CAH 2014-2 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 0.7 | 0.9 | 0.7 | 0.8 | 0.5 | 0.6 | 0.5 | 0.8 | 0.8 | 1.1 | 1.1 | 0.9 | | |
| CAH 2015-1 | $\overline{}$ | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.5 | 0.6 | 0.5 | 0.7 | 0.9 | 0.5 | 0.6 | | |
| CSH 2016-1 | ~ | | | | | | | | | 0.8 | 0.7 | 0.6 | 0.6 | | |
| HPA 2016-1 | \sim | | | 0.4 | 1.3 | 0.8 | 0.9 | 0.9 | 1.2 | 1.4 | 1.7 | 1.0 | 1.0 | | |
| HPA 2016-2 | ~ | | | | | | | | | | 1.0 | 0.9 | 0.7 | | |
| IH 2013-SFR1 | | 1.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.4 | 0.3 | 0.3 | 0.4 | 0.6 | 0.6 | | |
| IH 2014-SFR1 | | 1.3 | 0.7 | 0.4 | 0.2 | 0.2 | 0.2 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.7 | | |
| IH 2014-SFR2 | | 0.9 | 0.6 | 0.5 | 0.4 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 | 0.6 | 0.7 | 0.5 | | |
| IH 2014-SFR3 | $\searrow \checkmark \checkmark$ | 0.8 | 0.6 | 0.6 | 0.2 | 0.1 | 0.3 | 0.2 | 0.6 | 0.5 | 0.6 | 0.4 | 0.8 | | |
| IH 2015-SFR1 | | 1.2 | 0.7 | 0.6 | 0.4 | 0.3 | 0.4 | 0.5 | 0.7 | 0.5 | 0.4 | 0.5 | 0.6 | | |
| IH 2015-SFR2 | | 1.0 | 0.6 | 0.3 | 0.2 | 0.2 | 0.5 | 0.5 | 0.6 | 0.7 | 0.6 | 1.2 | 1.0 | | |
| IH 2015-SFR3 | | 1.6 | 1.0 | 0.6 | 0.3 | 0.3 | 0.5 | 0.5 | 0.8 | 0.8 | 0.7 | 0.8 | 0.9 | | |
| PRD 2015-SFR2 | | 1.7 | 1.2 | 1.0 | 0.8 | 0.8 | 0.7 | 0.4 | 0.6 | 0.5 | 0.7 | 0.9 | 0.8 | | |
| PRD 2015-SFR3 | ~ | 0.8 | 1.0 | 0.6 | 0.7 | 0.3 | 0.4 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | | |
| PRD 2016-SFR1 | \sim | | | | | | | | | 0.8 | 0.9 | 0.8 | 0.7 | | |
| SBY 2014-1 | ~~~~~ | 0.9 | 1.1 | 0.6 | 0.6 | 0.3 | 0.4 | 0.4 | 0.8 | 0.6 | 0.8 | 0.5 | 0.7 | | |
| SWAY 2014-1* | \checkmark | 0.7 | 0.5 | 0.4 | 1.0 | 1.3 | 1.3 | 1.2 | 1.1 | 1.2 | 1.0 | 1.0 | 1.3 | | |
| TAH 2015-SFR1 | | 2.1 | 1.7 | 1.4 | 1.3 | 1.0 | 1.2 | 0.9 | 0.6 | 0.6 | 0.5 | 0.4 | 0.5 | | |
| TAH 2016-SFR1 | | | | | | | | | | | | | 0.6 | | |
| Overall SFR | | 1.0 | 0.7 | 0.5 | 0.5 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.6 | 0.7 | | |

*Using SWAY Residential's new delinquency definition January 2016 and beyond as well as its old delinquency definition before January 2016

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| Table 7 – Monthly Retention Rate of Expiring Leases | | | | | | | | | | | | | |
|---|-------|------|---------|------|------|------|------|------|------|------|------|------|-----|
| | | | ar 2016 | | | | | | | | | | |
| | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| AH4R 2014-SFR1 | | 76.7 | 78.8 | 78.1 | 73.9 | 76.1 | 81.5 | 77.6 | 83.1 | 79.1 | 72.9 | 75.5 | TBD |
| AH4R 2014-SFR2 | | 76.0 | 78.5 | 79.6 | 77.0 | 73.9 | 77.7 | 78.9 | 72.6 | 75.1 | 76.9 | 77.9 | TBD |
| AH4R 2014-SFR3 | | 73.5 | 77.4 | 73.0 | 77.9 | 73.4 | 77.0 | 74.6 | 77.3 | 73.2 | 74.7 | 79.6 | TBD |
| AH4R 2015-SFR1 | | 76.5 | 71.9 | 74.2 | 77.9 | 70.0 | 74.1 | 73.6 | 76.1 | 73.7 | 77.8 | 80.4 | TBD |
| AH4R 2015-SFR2 | | 78.5 | 80.1 | 76.8 | 75.0 | 73.6 | 72.7 | 71.0 | 75.8 | 70.7 | 77.8 | 72.4 | TBD |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | TBD |
| CAH 2014-1 | | 76.2 | 80.2 | 75.9 | 74.7 | 78.3 | 81.8 | 79.2 | 76.8 | 80.0 | 78.6 | 77.2 | TBD |
| CAH 2014-2 | · | 85.0 | 77.7 | 77.4 | 82.8 | 74.7 | 78.6 | 73.3 | 72.2 | 76.7 | 75.2 | 78.0 | TBD |
| CAH 2015-1 | | 75.9 | 70.9 | 73.2 | 77.5 | 80.0 | 76.3 | 76.1 | 76.0 | 75.1 | 78.0 | 79.7 | TBD |
| CSH 2018-1 | | | | | | | | | | 76.4 | 79.4 | 76.1 | TBD |
| HPA 2016-1 | | | | 83.1 | 82.5 | 81.7 | 77.6 | 85.9 | 80.5 | 86.3 | 87.0 | 84.4 | TBD |
| HPA 2016-2 | _ | | | | | | | | | | 75.0 | 75.0 | TBD |
| IH 2013-SFR1 | | 80.9 | 80.6 | 77.2 | 77.8 | 76.6 | 77.2 | 80.9 | 71.5 | 73.8 | 71.3 | 71.8 | TBD |
| IH 2014-SFR1 | | 82.0 | 80.6 | 80.1 | 80.8 | 77.0 | 74.0 | 77.4 | 72.7 | 71.8 | 74.8 | 71.8 | TBD |
| IH 2014-SFR2 | | 78.0 | 76.9 | 79.0 | 80.2 | 75.1 | 77.6 | 74.4 | 72.0 | 72.3 | 75.3 | 75.9 | TBD |
| IH 2014-SFR3 | | 79.2 | 80.4 | 80.3 | 80.5 | 78.7 | 77.5 | 72.4 | 75.5 | 75.5 | 78.0 | 78.3 | TBD |
| IH 2015-SFR1 | | 81.3 | 78.3 | 78.2 | 77.2 | 76.8 | 66.4 | 71.1 | 65.6 | 67.5 | 78.7 | 78.5 | TBD |
| IH 2015-SFR2 | | 79.3 | 81.0 | 77.6 | 74.5 | 75.6 | 78.7 | 73.4 | 70.3 | 70.8 | 73.4 | 73.3 | TBD |
| IH 2015-SFR3 | ~ | 79.0 | 83.3 | 78.7 | 78.7 | 77.7 | 74.3 | 73.9 | 72.4 | 75.4 | 73.9 | 79.5 | TBD |
| PRD 2015-SFR2 | | 81.8 | 73.7 | 77.2 | 73.4 | 72.5 | 70.0 | 64.8 | 65.5 | 75.3 | 74.0 | 77.0 | TBD |
| PRD 2015-SFR3 | | 85.7 | 87.5 | 77.4 | 74.8 | 75.9 | 73.1 | 68.6 | 72.9 | 74.3 | 75.7 | 78.4 | TBD |
| PRD 2016-SFR1 | | | | | | | | | | 77.6 | 77.9 | 78.3 | TBD |
| SBY 2014-1 | ~~~~~ | 80.0 | 83.4 | 77.5 | 80.2 | 84.3 | 82.1 | 77.6 | 80.5 | 84.0 | 78.3 | 80.8 | TBD |
| SWAY 2014-1 | | 73.7 | 75.4 | 75.0 | 76.1 | 77.6 | 76.6 | 74.0 | 69.0 | 70.4 | 66.7 | 59.2 | TBD |
| TAH 2015-SFR1 | ~~~~ | 83.6 | 88.6 | 83.3 | 85.8 | 90.8 | 83.5 | 85.1 | 85.6 | 79.8 | 82.8 | 83.8 | TBD |
| TAH 2016-SFR1 | | | | | | | | | | | | | TBD |
| Overall SFR | | 79.2 | 79.5 | 77.8 | 77.9 | 76.6 | 76.4 | 75.4 | 74.8 | 72.3 | 75.7 | 77.6 | TBD |
| TBD – To Be Determined 22 | | | | | | | | | | | | | |

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Table 8 – Monthly Retention Rate of MTM Leases

| Year 2015 Year 2016 | | | | | | | | | | | | | |
|------------------------|----------|------|------|------|------|-------|------|------|------|------|------|------|-----|
| | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| AH4R 2014-SFR1 | | 91.1 | 94.8 | 89.6 | 87.6 | 88.4 | 84.1 | 83.8 | 85.9 | 81.5 | 85.9 | 83.9 | TBD |
| AH4R 2014-SFR2 | | 86.4 | 90.7 | 86.7 | 87.8 | 82.9 | 82.3 | 79.8 | 83.0 | 77.9 | 86.6 | 86.4 | TBD |
| AH4R 2014-SFR3 | | 84.6 | 86.2 | 86.7 | 84.9 | 89.7 | 82.8 | 78.9 | 75.7 | 74.4 | 79.6 | 82.0 | TBD |
| AH4R 2015-SFR1 | | 86.1 | 88.6 | 85.3 | 87.9 | 83.7 | 80.8 | 81.8 | 85.4 | 76.0 | 81.3 | 80.7 | TBD |
| AH4R 2015-SFR2 | | 87.5 | 83.8 | 86.7 | 82.1 | 80.1 | 73.9 | 79.5 | 81.9 | 80.7 | 82.5 | 85.2 | TBD |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | TBD |
| CAH 2014-1 | | 82.0 | 81.3 | 83.0 | 89.8 | 92.7 | 81.7 | 82.8 | 75.7 | 81.0 | 69.0 | 79.4 | TBD |
| CAH 2014-2 | | 86.3 | 81.5 | 88.7 | 72.6 | 75.0 | 74.3 | 72.7 | 71.9 | 54.7 | 63.6 | 77.8 | TBD |
| CAH 2015-1 | | 81.0 | 84.3 | 77.1 | 72.9 | 84.4 | 74.5 | 74.6 | 63.5 | 74.1 | 63.6 | 69.6 | TBD |
| CSH 2016-1 | ~ | | | | | | | | | 79.5 | 61.7 | 72.2 | TBD |
| HPA 2016-1 | | | | N/A | N/A | 100.0 | 0.0 | N/A | 0.0 | N/A | N/A | N/A | TBD |
| HPA 2016-2 | | | | | | | | | | | N/A | N/A | TBD |
| IH 2013-SFR 1 | ~~~~~ | 82.0 | 87.7 | 77.6 | 87.0 | 85.9 | 78.3 | 76.1 | 85.7 | 75.0 | 84.6 | 83.8 | TBD |
| IH 2014-SFR 1 | | 80.4 | 84.5 | 80.4 | 82.1 | 80.5 | 71.2 | 65.7 | 69.1 | 74.6 | 82.1 | 84.1 | TBD |
| IH 2014-SFR2 | | 87.9 | 90.9 | 90.7 | 90.2 | 80.6 | 78.1 | 74.6 | 79.1 | 67.6 | 74.1 | 81.4 | TBD |
| IH 2014-SFR3 | | 80.0 | 87.1 | 84.2 | 83.3 | 69.8 | 84.8 | 81.4 | 75.0 | 76.7 | 76.4 | 76.9 | TBD |
| IH 2015-SFR 1 | | 91.9 | 87.5 | 85.7 | 79.1 | 89.1 | 86.3 | 78.0 | 87.2 | 79.6 | 80.0 | 88.6 | TBD |
| IH 2015-SFR2 | | 82.9 | 65.8 | 77.3 | 82.2 | 66.7 | 75.7 | 63.8 | 79.1 | 86.7 | 75.5 | 79.2 | TBD |
| IH 2015-SFR3 | · | 83.7 | 73.7 | 78.7 | 82.5 | 80.8 | 77.1 | 78.8 | 76.8 | 82.4 | 81.6 | 84.0 | TBD |
| PRD 2015-SFR2 | | 69.0 | 75.0 | 78.6 | 80.0 | 67.7 | 59.4 | 78.0 | 78.9 | 80.6 | 75.0 | 79.5 | TBD |
| PRD 2015-SFR3 | | 75.0 | 70.0 | 83.3 | 85.7 | 71.4 | 71.4 | 64.2 | 67.6 | 70.0 | 70.6 | 73.0 | TBD |
| PRD 2016-SFR1 | \frown | | | | | | | | | 79.0 | 83.1 | 80.8 | TBD |
| SBY 2014-1 | ~~~~ | 92.3 | 93.7 | 89.5 | 86.4 | 91.6 | 89.5 | 87.5 | 90.9 | 84.2 | 94.0 | 90.9 | TBD |
| SWAY 2014-1 | | 86.5 | 88.1 | 87.8 | 89.6 | 89.2 | 85.4 | 85.8 | 77.7 | 82.7 | 77.1 | 87.7 | TBD |
| TAH 2015-SFR1 | ~~~~ | 93.6 | 95.5 | 93.8 | 91.1 | 95.3 | 94.9 | 95.0 | 92.5 | 93.7 | 93.8 | 92.7 | TBD |
| TAH 2016-SFR1 | | | | | | | | | | | | | TBD |
| Overall SFR | | 88.0 | 89.2 | 87.5 | 86.3 | 86.0 | 82.4 | 81.7 | 81.8 | 80.3 | 82.2 | 84.2 | TBD |
| TBD – To Be Determined | | | | | | | | | | | | | |

TBD - To Be Determined



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Table 9a - MTM Tenants (by Count)



| Table 9a – MTIM Tenants (by Count) | | | | | | | | | | | | | | |
|------------------------------------|----------|--------------------|-----------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|----------------|
| | | <u>Year 2015</u> Y | 'ear 2016 | | | | | | | | | | | Total Count |
| | | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | |
| AH4R 2014-SFR1 | | 248 | 248 | 260 | 258 | 248 | 239 | 268 | 254 | 249 | 208 | 186 | 179 | 3,809 |
| AH4R 2014-SFR2 | | 172 | 153 | 166 | 176 | 223 | 257 | 257 | 261 | 249 | 209 | 187 | 178 | 4,484 |
| AH4R 2014-SFR3 | | 145 | 147 | 172 | 177 | 186 | 225 | 250 | 284 | 284 | 246 | 209 | 185 | 4,503 |
| AH4R 2015-SFR1 | | 287 | 275 | 240 | 208 | 203 | 200 | 207 | 242 | 272 | 210 | 215 | 202 | 4,660 |
| AH4R 2015-SFR2 | | 65 | 93 | 134 | 204 | 262 | 323 | 320 | 282 | 217 | 173 | 142 | 132 | 4,124 |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A | N/A |
| CAH 2014-1 | | 61 | 48 | 47 | 50 | 55 | 60 | 64 | 74 | 63 | 71 | 68 | 65 | 3,351 |
| CAH 2014-2 | ~~ | 62 | 54 | 53 | 73 | 76 | 70 | 66 | 64 | 53 | 44 | 36 | 39 | 3,685 |
| CAH 2015-1 | <u> </u> | 78 | 51 | 48 | 48 | 45 | 47 | 63 | 74 | 58 | 66 | 56 | 46 | 3,871 |
| CSH 2016-1 | \sim | | | | | | | | | 44 | 47 | 36 | 30 | 3,564 |
| HPA 2016-1 | | | | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2,107 |
| HPA 2016-2 | | | | | | | | | | | 0 | 0 | 0 | 1,399 |
| IH 2013-SFR1 | | 71 | 78 | 99 | 88 | 102 | 110 | 80 | 57 | 54 | 58 | 50 | 48 | 3, 186 |
| IH 2014-SFR1 | | 75 | 83 | 95 | 94 | 134 | 165 | 168 | 178 | 169 | 139 | 143 | 121 | 6,345 |
| IH 2014-SFR2 | | 51 | 54 | 58 | 69 | 80 | 80 | 88 | 97 | 109 | 71 | 56 | 58 | 3,681 |
| IH 2014-SFR3 | | 50 | 58 | 63 | 56 | 67 | 75 | 86 | 92 | 87 | 73 | 70 | 64 | 4,006 |
| IH 2015-SFR1 | | 61 | 59 | 64 | 63 | 64 | 74 | 61 | 63 | 70 | 59 | 67 | 74 | 3,021 |
| IH 2015-SFR2 | ~~~~ | 61 | 68 | 72 | 53 | 59 | 58 | 62 | 73 | 63 | 68 | 77 | 70 | 3,520 |
| IH 2015-SFR3 | | 149 | 131 | 144 | 139 | 133 | 135 | 131 | 141 | 131 | 140 | 156 | 175 | 7, 182 |
| PRD 2015-SFR2 | | 36 | 28 | 44 | 75 | 94 | 75 | 46 | 54 | 47 | 60 | 65 | 79 | 3,303 |
| PRD 2015-SFR3 | | 12 | 10 | 9 | 26 | 51 | 106 | 121 | 133 | 127 | 107 | 80 | 61 | 3,162 |
| PRD 2016-SFR1 | <u> </u> | | | | | | | | | 76 | 98 | 113 | 109 | 5,577 |
| SBY 2014-1 | | 223 | 211 | 213 | 218 | 217 | 223 | 236 | 220 | 227 | 234 | 236 | 237 | 3,003 |
| SWAY 2014-1 | <u> </u> | 171 | 154 | 143 | 134 | 148 | 178 | 169 | 166 | 156 | 154 | 81 | 71 | 4,071 |
| TAH 2015-SFR1 | | 585 | 538 | 533 | 542 | 522 | 480 | 450 | 445 | 444 | 474 | 363 | 329 | 3,377 |
| TAH 2016-SFR1 | | | | | | | | | | | | | 238 | 3,439 |
| Overall SFR | | 2,663 | 2,541 | 2,657 | 2,751 | 2,970 | 3, 181 | 3, 193 | 3,254 | 3,249 | 3,009 | 2,692 | 2,790 | 96,430 |
| 24 | | | | | | | | | | | | | | |



| Table 9b – MTM Tenants (by Percentage) | | | | | | | | | | | | | |
|--|--------|------------------|------------------|------|------|------|------|------|------|------|------|------|-----|
| | | Year 2015 Dec | Year 2016 Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| AH4R 2014-SFR1 | | 6.4 | 6.4 | 6.7 | 6.7 | 6.4 | 6.2 | 7.0 | 6.6 | 6.5 | 5.5 | 4.9 | 4.7 |
| AH4R 2014-SFR2 | | 3.8 | 3.4 | 3.7 | 3.9 | 5.0 | 5.7 | 5.7 | 5.8 | 5.6 | 4.7 | 4.2 | 4.0 |
| AH4R 2014-SFR3 | | 3.2 | 3.3 | 3.8 | 3.9 | 4.1 | 5.0 | 5.6 | 6.3 | 6.3 | 5.5 | 4.6 | 4.1 |
| AH4R 2015-SFR1 | | 6.2 | 5.9 | 5.1 | 4.5 | 4.4 | 4.3 | 4.4 | 5.2 | 5.8 | 4.5 | 4.6 | 4.3 |
| AH4R 2015-SFR2 | | 1.6 | 2.3 | 3.2 | 4.9 | 6.4 | 7.8 | 7.8 | 6.8 | 5.3 | 4.2 | 3.4 | 3.2 |
| AMSR 2016-SFR1 | | | | | | | | | | | | N/A | N/A |
| CAH 2014-1 | | 1.8 | 1.4 | 1.4 | 1.5 | 1.6 | 1.8 | 1.9 | 2.2 | 1.9 | 2.1 | 2.0 | 1.9 |
| CAH 2014-2 | | 1.7 | 1.5 | 1.4 | 2.0 | 2.1 | 1.9 | 1.8 | 1.7 | 1.4 | 1.2 | 1.0 | 1.1 |
| CAH 2015-1 | | 2.0 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.6 | 1.9 | 1.5 | 1.7 | 1.4 | 1.2 |
| CSH 2016-1 | \sim | | | | | | | | | 1.2 | 1.3 | 1.0 | 0.8 |
| HPA 2016-1 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| HPA 2016-2 | | | | | | | | | | | 0.0 | 0.0 | 0.0 |
| IH 2013-SFR1 | | 2.2 | 2.4 | 3.1 | 2.8 | 3.2 | 3.4 | 2.5 | 1.8 | 1.7 | 1.8 | 1.6 | 1.5 |
| IH 2014-SFR1 | | 1.2 | 1.3 | 1.5 | 1.5 | 2.1 | 2.6 | 2.6 | 2.8 | 2.7 | 2.2 | 2.3 | 1.9 |
| IH 2014-SFR2 | | 1.4 | 1.4 | 1.5 | 1.9 | 2.2 | 2.2 | 2.4 | 2.6 | 3.0 | 1.9 | 1.5 | 1.6 |
| IH 2014-SFR3 | | 1.2 | 1.4 | 1.6 | 1.4 | 1.7 | 1.9 | 2.1 | 2.3 | 2.2 | 1.8 | 1.7 | 1.6 |
| IH 2015-SFR1 | | 2.0 | 1.9 | 2.1 | 2.1 | 2.1 | 2.4 | 2.0 | 2.1 | 2.3 | 1.9 | 2.2 | 2.4 |
| IH 2015-SFR2 | | 1.7 | 1.9 | 2.0 | 1.5 | 1.7 | 1.6 | 1.8 | 2.1 | 1.8 | 1.9 | 2.2 | 2.0 |
| IH 2015-SFR3 | | 2.1 | 1.8 | 2.0 | 1.9 | 1.8 | 1.9 | 1.8 | 2.0 | 1.8 | 1.9 | 2.2 | 2.4 |
| PRD 2015-SFR2 | | 1.1 | 0.8 | 1.3 | 2.3 | 2.8 | 2.3 | 1.4 | 1.6 | 1.4 | 1.8 | 2.0 | 2.4 |
| PRD 2015-SFR3 | | 0.4 | 0.3 | 0.3 | 0.8 | 1.6 | 3.4 | 3.8 | 4.2 | 4.0 | 3.4 | 2.5 | 1.9 |
| PRD 2016-SFR1 | | | | | | | | | | 1.4 | 1.8 | 2.0 | 2.0 |
| SBY 2014-1 | | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 | 7.4 | 7.8 | 7.3 | 7.6 | 7.8 | 7.9 | 7.9 |
| SWAY 2014-1 | | 4.2 | 3.8 | 3.5 | 3.3 | 3.6 | 4.4 | 4.1 | 4.1 | 3.8 | 3.8 | 2.0 | 1.7 |
| TAH 2015-SFR1 | | 16.7 | 15.3 | 15.2 | 15.5 | 14.9 | 13.7 | 12.8 | 12.7 | 12.7 | 13.5 | 10.7 | 9.7 |
| TAH 2016-SFR1 | | | | | | | | | | | | | 6.9 |
| Overall SFR | | 3.3 | 3.1 | 3.2 | 3.3 | 3.6 | 3.8 | 3.9 | 3.9 | 3.5 | 3.2 | 2.8 | 2.9 |
| or | | | | | | | | | | | | | |

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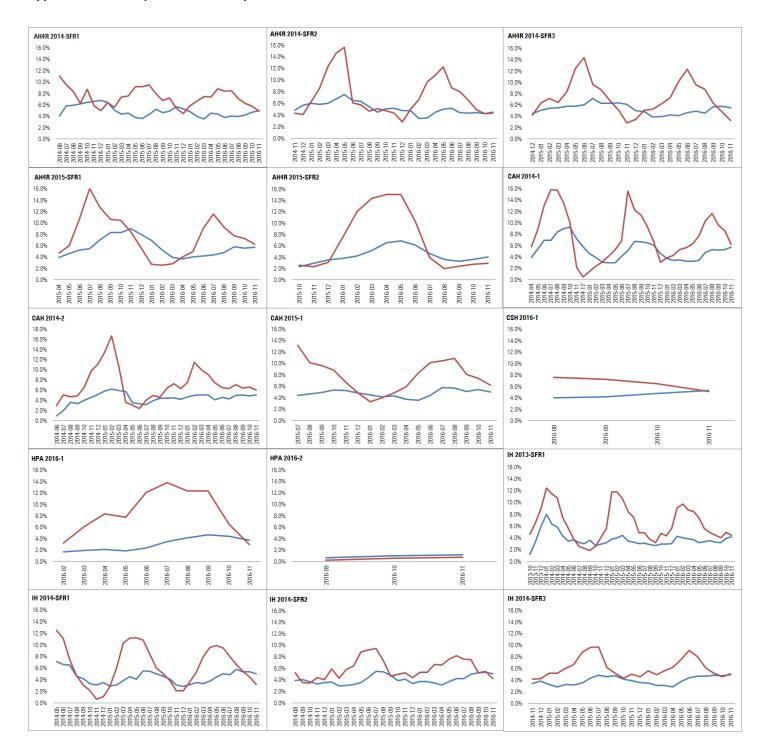
| Table TU – Wonthly | Turnover Rate | | | | | | | | | | | | |
|------------------------|---------------|---------------------|----------------|-----|-----|------------|-----|-----|-----|-----|-----|-----|-----|
| | | Year 2015 Ye Dec | ar 2016 Jan | Feb | Mar | Anr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| AH4R 2014-SFR1 | | 2.8 | 2.4 | 2.7 | 3.2 | Apr 3.2 | 3.5 | 4.0 | 3.8 | 4.3 | 3.3 | 3.4 | TBD |
| AH4R 2014-SFR2 | | 1.8 | 2.5 | 2.5 | 3.1 | 4.8 | 4.6 | 3.6 | 4.1 | 4.3 | 2.8 | 2.9 | TBD |
| AH4R 2014-SFR3 | | 2.6 | 2.5 | 2.6 | 3.0 | 3.4 | 3.7 | 5.5 | 5.3 | 4.8 | 3.6 | 2.6 | TBD |
| | | | | | | | | | | | | | |
| AH4R 2015-SFR1 | | 3.1 | 2.9 | 2.2 | 2.0 | 2.8 | 3.5 | 4.5 | 5.1 | 5.0 | 3.6 | 3.4 | TBD |
| AH4R 2015-SFR2 | | 2.1 | 2.9 | 4.0 | 4.9 | 5.6 | 6.2 | 5.6 | 4.0 | 3.2 | 2.1 | 2.4 | TBD |
| AMSR 2016-SFR1 | | | | | | | | | | | | - | TBD |
| CAH 2014-1 | | 1.9 | 1.3 | 1.4 | 1.8 | 2.3 | 2.2 | 3.2 | 3.7 | 4.3 | 3.7 | 3.3 | TBD |
| CAH 2014-2 | | 2.3 | 2.8 | 3.2 | 3.2 | 3.7 | 3.4 | 3.3 | 2.9 | 3.5 | 3.5 | 2.9 | TBD |
| CAH 2015-1 | | 2.3 | 2.2 | 1.9 | 2.3 | 2.5 | 3.5 | 4.0 | 4.7 | 4.6 | 3.6 | 3.1 | TBD |
| CSH 2016-1 | ~ | | | | | | | | | 3.6 | 3.2 | 3.2 | TBD |
| HPA 2016-1 | | | | | 1.4 | 1.9 | 2.6 | 2.0 | 4.7 | 3.2 | 2.5 | 2.5 | TBD |
| HPA 2016-2 | | | | | | | | | | | | 1.0 | TBD |
| IH 2013-SFR1 | | 2.1 | 3.0 | 3.3 | 3.4 | 3.2 | 2.8 | 3.1 | 2.8 | 2.8 | 2.1 | 2.7 | TBD |
| IH 2014-SFR1 | | 1.7 | 2.1 | 2.4 | 2.8 | 3.4 | 4.2 | 4.4 | 3.8 | 4.2 | 2.9 | 2.8 | TBD |
| IH 2014-SFR2 | | 1.9 | 2.2 | 2.3 | 2.6 | 2.8 | 3.3 | 4.0 | 3.4 | 3.7 | 3.1 | 2.8 | TBD |
| IH 2014-SFR3 | | 2.1 | 1.9 | 1.9 | 2.8 | 2.6 | 3.2 | 3.9 | 4.0 | 3.4 | 2.7 | 2.5 | TBD |
| IH 2015-SFR1 | \frown | 2.7 | 2.9 | 3.5 | 2.9 | 2.3 | 2.5 | 3.0 | 3.8 | 3.8 | 2.7 | 2.2 | TBD |
| IH 2015-SFR2 | | 2.2 | 2.0 | 3.2 | 2.9 | 2.5 | 2.7 | 3.0 | 3.3 | 3.7 | 2.8 | 3.4 | TBD |
| IH 2015-SFR3 | ~~~~~ | 2.6 | 2.3 | 3.1 | 2.9 | 2.4 | 2.7 | 2.8 | 3.2 | 3.6 | 3.0 | 2.9 | TBD |
| PRD 2015-SFR2 | $\overline{}$ | 1.9 | 2.2 | 2.7 | 4.7 | 3.9 | 2.8 | 2.6 | 2.3 | 2.6 | 2.7 | 3.8 | TBD |
| PRD 2015-SFR3 | | 1.0 | 1.1 | 1.0 | 1.7 | 2.6 | 5.4 | 6.2 | 5.7 | 5.6 | 3.7 | 2.4 | TBD |
| PRD 2016-SFR1 | | | | | | | | | | 2.5 | 2.7 | 2.8 | TBD |
| SBY 2014-1 | | 2.4 | 2.2 | 2.4 | 2.2 | 2.5 | 2.5 | 3.4 | 3.2 | 2.4 | 3.2 | 2.3 | TBD |
| SWAY 2014-1 | | 2.4 | 1.9 | 2.6 | 2.3 | 2.5 | 3.2 | 3.2 | 3.7 | 3.7 | 3.7 | 2.8 | TBD |
| TAH 2015-SFR1 | | 2.6 | 2.8 | 2.0 | 2.3 | 3.5 | 2.2 | 2.3 | 2.6 | 2.7 | 4.0 | 3.6 | TBD |
| TAH 2016-SFR1 | | | | | | | | | | | | - | TBD |
| Overall SFR | | 2.2 | 2.3 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 3.8 | 3.7 | 3.1 | 2.8 | TBD |
| | | | | | | | | | | | | | |
| TBD — To Be Determined | | | | | | | | | | | | | |

TBD - To Be Determined

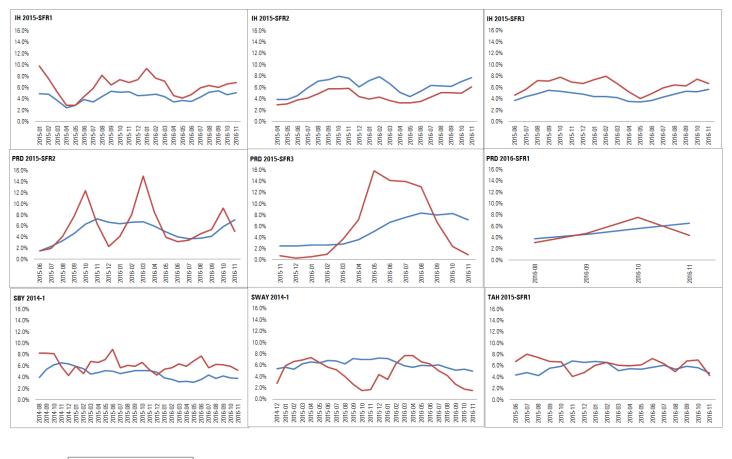


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Appendix II – Description of Analysis

Morningstar tracks key metrics to gauge the performance of single-borrower, single-family rental transactions. There are several ways to view these metrics. For example, the vacancy rate might be calculated based on property count, by cash flow, or by days of occupancy. To account for different reporting across issuers, Morningstar seeks commonality across the single-borrower issuers' monthly reporting to derive its calculations.

Multiborrower deals are similar to single-borrower transactions in that the underlying collateral is generally single-family rental properties. They differ, though, in that single-borrower deals are backed by one loan, while multiborrower deals have many loans. B2R 2015-1 is secured by 139 loans; B2R 2015-2, 208 loans; B2R 2016-1, 163 loans; FKL 2015-SFR1, 16 loans; CAF 2015-1, 69 loans; CAF 2016-1, 85 loans; and CAF 2016-2, 71 loans. As such, the monthly reporting for multiborrower deals is different from the data reported in the single-borrower sector. For example, delinquency reported in Tables 6a and 6b are tenants that are past due on rental payments at a property level. For multiborrower transactions, delinquency is measured by borrowers that are past due on payments at the loan level.

Chart 1 – Single-Family Rental Rent Change Versus RentRange Year-Over-Year Rent Change

To calculate the rent change across 25 single-family rental transactions, Morningstar isolated the leases starting in a given period and compared the contractual rent in that period with the prior occupied contractual rent. Morningstar then compared this rent change with the year-over-year change in three- and four-bedroom median rents from RentRange. Morningstar weighted the RentRange median rents by geography to match the MSA concentration of the Morningstar single-family rental database.

Chart 2 – Rental Changes for Renewals Versus Vacant-to-Occupied Properties

Morningstar calculated the rent change using the contractual rent for the corresponding period versus the prior occupied contractual rent. To determine the lease expiration sample, Morningstar used the logic outlined below in the section, Tables 3a, 3b, and 3c – Lease Expiration. Morningstar then looked at the property tape to determine the renewed properties and compared that contractual rent with the prior contractual rent. For vacant properties subsequently occupied by new tenants, Morningstar isolated those properties that were vacant in a given month and occupied in the next month and again compared the current contractual rent with the prior contractual rent.



Chart 3 – November Average Contractual Rent Versus Property-Level RentRange Estimate by MSA

Chart 3, which shows some of the MSAs most frequently found in single-family rental securitizations, takes a snapshot of the November contractual rents in the Morningstar single-family rental database and compares these rents with their property-specific rent estimates from RentRange.

Chart 4 – MSA-Level Blended Rent Change

Chart 4 shows the rent change of some of the MSAs most frequently found in single-family rental securitizations. The size of each circle represents the percentage of properties in each MSA from Morningstar's database. MSAs in red are below the overall average rent change for the month, while those in blue are above.

Tables 2a, 2b, and 2c – Month-End Vacancy

Table 2a displays deal-level vacancy by the month-end count of empty properties. Table 2b shows the deal-level vacancy as a percentage of the total properties in each pool. Table 2c shows the MSA-level vacancy percentage for some of the MSAs most frequently found in single-family rental securitizations. The vacancy rate is heavily influenced by the number of lease expirations in each month. Generally, the more leases expiring in a given month, the higher the vacancy rate will be. Because each transaction or MSA has a distinct lease expiration schedule, the vacancy rate should not be viewed at one point in time, but rather in the context of its lease expiration cycle, as reported in Tables 3a, 3b, and 3c and as seen in the charts in Appendix I.

Chart 5 – MSA-Level Vacancy and Lease Expiration Percentage (by Count)

Chart 5 shows the vacancy rate of some of the MSAs most frequently found in single-family rental securitizations. The size of each circle represents the percentage of leases expiring in the last three months. MSAs in red are above the overall average vacancy percentage for the month, while those in blue are below. Typically, the more leases expiring, the higher the vacancy rate.

Tables 3a, 3b, and 3c - Lease Expiration

Because lease expiration profiles change over time as previous tenants renew or new tenants occupy vacant properties, Morningstar seeks to rely on more recently published reporting of lease expirations, rather than solely using the lease expiration schedule from the cutoff date. To determine November lease expirations, Morningstar looks for all November lease expirations in the August property tape. Morningstar looks three months back to set a lease expiration sample that more accurately captures tenants who renew their leases in months before their scheduled lease expiration. Certain issuers have indicated that they proactively work to renew tenants a few months before the lease expiration date. Because Morningstar is looking three months back to determine its sample, there are

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instances when tenants vacate properties between the time Morningstar determines its sample and the month in which the tenant must make a decision to stay in the property. Morningstar excludes those vacated properties from its lease expiration sample and its retention rate calculation in Table 7. In the current example, properties that become vacant or that have move out dates in either September or October are removed from the November lease expiration count.

Tables 4a and 4b – Historical Months of Vacancy

Tables 4a and 4b show the number of months of vacancy the November unoccupied properties have experienced. In other words, if a property is unoccupied as of the November property tape, these tables summarize the number of total months the property has been vacant since the transaction cutoff date. Depending on the length of performance history, the overall vacancy may be in line with the number of consecutive vacant months, but this might not always be the case for those properties that have gone through multiple leasing cycles. Table 4a shows historical months of vacancy by count, and Table 4b is as a percentage of the November vacancies.

Table 5 – Delinquency Definition

Morningstar's calculation of delinquency is based on the number of properties flagged as delinquent in the monthly property-level data. Each issuer uses its own criteria for classifying a tenant as delinquent. Table 5 summarizes the delinquency definition for each issuer and contains details on the length of time that must pass from a tenant's due date to be considered delinquent. The length of time is either based on a count of 30 days or is based on the calendar month. The slight distinction, for example, either results in a property with payment due on March 1 considered as delinquent after 30 days or as delinquent on April 1. None of the issuers factor a grace period into their delinquency definition, meaning their respective measures of past due begin if payment has not been received by the stated due date. In addition to timing, these conditions can also differ by the total dollar threshold an issuer uses to classify a tenant as delinquent and by the types of overdue payments that the issuer uses to count toward that threshold. For example, most issuers use only base rent to determine the dollar amount of delinquency. However, Silver Bay Realty and Tricon American Homes each count total receivables to determine the past due amount. Progress Residential includes certain fees above base rent but not total receivables.

Tables 6a and 6b – Month-End Delinquency

Table 6a shows the month-end count of delinquencies based on the definition in Table 5, and Table 6b shows delinquency as a percentage of the total number of properties in each pool. Any review of delinquency should be viewed within the context of the delinquency definitions in Table 5.

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Table 7 – Monthly Retention Rate of Expiring Leases

When evaluating an issuer's ability to keep tenants in a property, Morningstar considers a retention rate. Once again, differences in monthly reporting affect the calculation that Morningstar uses. Typically, a renewal rate would review those tenants who signed a full-term lease. Considering the different methods issuers use to designate tenants with either a renewal or an MTM status, Morningstar opted to report the retention rate instead of the renewal rate. The retention rate is defined as those properties that retained previous tenants, whether on full-term or MTM leases, divided by the total number of leases due to expire in that period, as reported in Table 3a and explained in Appendix II. If there is not enough seasoning in the deal to look three months back to determine the lease expiration sample, Morningstar relies on the cutoff tape lease expiration profile. As a result, the first three months of retention sample, Morningstar looks at the most recent property tape to determine the lease status of the properties. In this report, Morningstar uses the November property tape to determine the lease status for October expirations. Morningstar relies on the issuer's labeling of vacant, renewal, new lease, or MTM, to the extent that these notations are available in each tape.

Table 8 – Monthly Retention Rate of MTM Leases

In Table 8, Morningstar reviews the retention rate of those properties in an MTM status. This table looks at previous tenants who went to an MTM status and either renewed or remained in the property on an MTM basis. For the MTM retention rate, Morningstar looks for MTM tenants in the previous month's property tape, and then looks to the current month for their occupancy status. For example, the October 2016 retention rates are the November statuses of October MTM tenants.

Tables 9a and 9b – MTM Tenants

In Tables 9a and 9b, Morningstar shows the count and percentage of properties with MTM tenants. Securitizations with higher concentrations of MTM tenants typically report higher retention rates of their MTM leases. MTM tenants are usually subject to a monthly fee, which may encourage them to eventually sign full-term leases.

Table 10 – Monthly Turnover Rate

In evaluating how effective an issuer is at retaining tenants, Morningstar also considers the monthly turnover rate. For this metric, Morningstar strives to apply a consistent calculation given the differences in issuers' monthly reporting. Morningstar considers a property turned over if it meets one of three criteria:

• The property is vacant but was occupied in the previous month and the move-out date, if available, is on or after the first day of the current month;

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- The move-out date is on or after the first day of the current month, including the last day of the current month;
- Or the property was occupied in the prior month and a tenant has signed a new lease that starts on or after the second day of the current month.

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