In the business of buying and selling self-storage properties around the country, the discussion with both buyers and sellers always ends with cap rates. Unfortunately, most people don't fully understand all of the ramifications of this simple-sounding number. It is also clear that we have many new investors in the marketplace who have never bought an income-producing property and are just learning the basic math. Hopefully, this summary will help clarify this mysterious, yet fundamental, concept.

What are Cap Rates and Why Use Them?

Real estate valuation is a very complex business with many variables that affect the price. Over the years, real estate professionals found that they needed a way to compare property values (essentially price) in a market using a shorthand method, thus capitalization rates or “cap rates” came into general use. Essentially, cap rates tell an investor what they should expect to earn as a percentage if they purchased a property using all cash. For example, if an investor thinks a property is worth a 7% cap rate, then they expect to receive an unleveraged 7% cash on cash return.

When the net operating income (NOI) is divided by the cap rate, voila, you arrive at a property value. This method is essentially a way to develop a price based on an income stream. The net result is that the lower the cap rate, the higher the value with the flip side being the higher the cap rate, the lower the value. This is only one of three methods used by appraisers to value a property, but it is the one most focused on by investors. It is primarily used because it does a very good job correlating property values and it helps facilitate comparison between markets.

The Underlying Assumptions in Calculating NOI:

As with any good rule of thumb, there are certain assumptions that are implicit in the calculation of the NOI. For cap rates to be useful and comparable, the NOI must be calculated on a consistent basis on all properties. For example, the operating expenses must be similar in nature and somewhat standardized in order to be comparing “apples to apples.” The first assumption when calculating the NOI is that all revenues must result from reoccurring operations of the property (rental revenue) and not from an asset sale or insurance recovery. Secondly, depreciation and debt service should not be deducted from revenues to arrive at the NOI. Depreciation and financing costs do not reflect value, but merely reflect tax issues and capital structure. These revenue assumptions are clearly defined and are almost universally applied.

However, assumptions related to expenses are less uniformly applied and often result in significant misunderstanding, particularly among sellers. The assumptions should include that the property is properly insured and advertised in a professional way, and property taxes should be adjusted to what the new valuations will be at the time of sale. Furthermore, the expense numbers need to reflect the market labor cost of running a self-storage property which should include an on-site manager’s salary if the owner is currently doing the work for free. It is also assumed that the operating expenses include an off-site management fee over and above the on-site management expense, and this will range between 4% to 6% of the gross revenue depending on the size of the property.

Many owners will say that some of the assumptions don’t apply to them for various reasons, but I can assure you that there are almost no exceptions in the marketplace of real sales. In the end, ignoring these assumptions is at best merely self-deception, and at worst, can have serious impacts on the financing or sale of a property.

Why Do Some Properties Have Higher or Lower Cap Rates?

(Continued)
Since all properties are not alike, they can command different cap rates. These variations from “normal” cap rates (today between 6.5%-8%) usually reflect the quality of the project and the risk to the investor. For example, a 40% vacant metal building project in a rural area would require a higher cap rate to reflect the increased risk and lesser quality asset. On the other hand, a large masonry project with full security, in a growing metropolitan area, with consistently increasing rents would command a premium cap rate, perhaps in the range of 6% to 7%. Once again, while the cap rate may vary, the underlying assumptions about the NOI do not. Property valuations are somewhat subjective, but our collective experience would indicate that knowledgeable buyers and sellers agree on the quality of the NOI and on the risk variances that lie in the very narrow range of cap rates.

Do Cap Rates Really Reflect the Market?

The answer is unequivocally, YES!!! If cap rates did not reflect the marketplace accurately, we would not be using them in so many ways. Chart I below will give you an idea of how cap rates have varied over the last 10 years. Please keep in mind that this chart takes into consideration ALL self-storage properties around the country, so remember that a property in a small city or town will not command the same low cap rate as one in San Francisco or midtown Manhattan. As you can see, the market has seen a constant decline in cap rates for self-storage properties over the last ten years, from an average of 10% in 2000 to 6.25% in 2013. This is largely due to the increased industry data that is now available, indicating that the overall risk associated with owning self-storage properties is much less than once thought. Not to mention we have had a great run of low interest rates for the past decade which has also fueled the increase in value of almost all income-producing real estate, including self-storage. However, the most intriguing metric in the chart below is the spread between cap rates and interest rates, indicated by the red line. As you will notice, the trend is less constant than the more consistent Cap Rate and Interest Rate trends. The narrowing of the spreads between cap rates and interest rates today would indicate that the market is realizing once again that the stability of self-storage income streams is very durable.

The above review of cap rates will provide you with the very basics of how cap rates work and their effect on valuation and should allow you to arrive at a ballpark value for your new investment or your current self-storage property. However, you must be impartial when making the judgment call regarding income and expenses and compare your project to other comparable sales in your market to arrive at an appropriate cap rate. If you are considering getting professional advice when evaluating a self-storage investment it is important to consult with a real estate professional that specializes in self-storage. Like any business, there are some things that are unique to self-storage that an average real estate professional may be unfamiliar with regardless of their other experience or intentions. Understanding and setting the value of a property is the single most important step in the investment process.

Chart I: Cap Rates and Interest Rates 2000-2013

Source: Cushman & Wakefield Self Storage Industry Group

Ben Vestal, President of the Argus Self Storage Sales Network, can be reached at 800-55-STORE or bvestal@argus-realestate.com.
Property Showcase

**Tucson, AZ**  $1,100,000
- 83 Units
- 20,840 RSF
- 1 Acre
- Includes 12 Office/Warehouse units
- Onsite manager’s office and apartment
- Infill location
- Upside potential in rents
- Turnkey property with existing management

Jeff Gorden, CCIM 480-331-8880 jgorden@selfstorage.com

**Tuition, AZ**  $1,100,000
- 83 Units
- 20,840 RSF
- 1 Acre
- Includes 12 Office/Warehouse units
- Onsite manager’s office and apartment
- Infill location
- Upside potential in rents
- Turnkey property with existing management

Jeff Gorden, CCIM 480-331-8880 jgorden@selfstorage.com

**East Point, GA**  $1,475,000
- 231 Units
- 24,000 RSF
- 1.06 Acres
- 4 miles north of Atlanta International Airport
- Convenient in-town location
- Computerized gate and access
- Fully fenced
- Some outside parking spaces
- Elevator, security cameras

Mike Patterson, CCIM 770-241-9070 ebroker@msn.com

**Chesapeake, VA**  $900,000
- Self-Storage Development Site
- 73,000 RSF proposed
- 6.5 Acres
- Plans are included
- Located on well-traveled US Route 17
- B2 Zoning
- Site enjoys many nearby rooftops, high traffic counts and little competition
- Bank owned

Tyler Trahant & Stuart LaGroue  817-840-0055/251-432-1287 ttrahant@selfstorage.com stuart@selfstorage.com

**Lee’s Summit, MO**  $2,650,000
- 344 Units
- 38,137 RSF
- 3.83 Acres
- High visibility location in one of Missouri’s fastest growing suburbs in the KC metro
- Extremely strong ancillary income
- Offers climate, open and conventional storage
- 24 hour access

Larry Goldman, CCIM 913-339-0641 lgoldman@selfstorage.com

**Canton, OH**  $2,500,000
- 476 Units
- 74,960 RSF
- 4.44 Acres
- Historically high occupancy
- Interior temperature control units
- Individual unit door alarms
- 30+ security cameras with live feed
- Convenient location near highway interchange

Alec Pacella, CCIM & Michael Venesky 216-455-0886 apacella@naidaus.com mvenesky@naidaus.com

**Bossier City, LA**  $1,098,000
- 345 Units
- 40,170 RSF
- 2.96 Acres
- Stabilized cash flow
- Great visibility
- Ability to decrease expenses and increase income
- Located on a well-traveled road in Bossier City, not far from Barksdale Air Force Base

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Stuart Wade  757-618-3597 swade@thenicholsoncompanies.com
Sells Self Storage Nationwide!

- Over $115 million in self storage properties currently for sale, with prices ranging from $290,000 to over $7,200,000 million to meet the needs of every buyer.

- For property details, broker information and helpful industry articles, visit www.argus-selfstorage.com or contact your local Argus Broker Affiliate listed on the back of the Market Monitor!
## ARGUS SALES

**Congratulations to Mike Patterson, CCIM,** of Commercial Realty Services of West Georgia who sold Able Self Storage in Carrollton, GA! Contact Mike at 770-241-9070 for more information.

**Congratulations to Frost Weaver,** of Weaver Realty Group who sold Jax Storage Mall I in Jacksonville, FL! Contact Frost at 904-265-2001 for more information.

### Argus Broker Affiliate Wins Top Producer Award

Argus Self Storage Sales Network is proud to award Broker Affiliate Bill Brownfield, CRE, CCIM of MKP Self Storage LLC the **Top Producer Award** for completing the most self-storage transactions in 2013. The award was presented at the annual Argus Broker meeting held at the ISS Expo in Las Vegas. Bill is based in Houston, TX and represents Argus in the South and Central Texas markets. He can be reached at 713-907-6497 or bill@wbrownfield.com.

### Contact an Argus Broker Affiliate

<table>
<thead>
<tr>
<th>NORTHEAST</th>
<th>Company</th>
<th>Phone</th>
<th>Territory</th>
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<tbody>
<tr>
<td>Guy Blake, CCIM</td>
<td>Pyramid Brokerage Company</td>
<td>845-522-5900</td>
<td>Upstate NY, Western CT</td>
</tr>
<tr>
<td>Linda Cinelli, CCIM, CEA</td>
<td>LC Realty</td>
<td>908-722-5661</td>
<td>Northern NJ, NY (NYC, Long Island)</td>
</tr>
<tr>
<td>Joseph Mendola</td>
<td>NAI Norwood Group</td>
<td>603-668-7000</td>
<td>MA, ME, NH VT, Eastern CT</td>
</tr>
<tr>
<td>Chuck Shields</td>
<td>Beacon Commercial Real Estate</td>
<td>610-862-1645</td>
<td>Eastern PA, Southern NJ, DE</td>
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<th>SOUTHEAST</th>
<th>Company</th>
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<tr>
<td>Bill Barnhill, CCIM</td>
<td>Omega Properties, Inc.</td>
<td>888-801-4534</td>
<td>FL Panhandle</td>
</tr>
<tr>
<td>N.J. “Joey” Godbold</td>
<td>Percival McGuire Commercial Real Estate</td>
<td>704-632-1027</td>
<td>NC, SC</td>
</tr>
<tr>
<td>Mike Patterson, CCIM</td>
<td>Commercial Realty Services of West Georgia</td>
<td>770-241-9070</td>
<td>GA</td>
</tr>
<tr>
<td>Stuart Wade</td>
<td>The Nicholson Companies</td>
<td>757-618-3597</td>
<td>MD, VA</td>
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<tr>
<td>Frost Weaver (FL Commercial Brokers Network)</td>
<td>Weaver Realty Group, Inc.</td>
<td>904-733-0039</td>
<td>North, Central &amp; South FL</td>
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<tr>
<td>Bruce Bahrmasel</td>
<td>Landstar Realty Group</td>
<td>312-518-3550</td>
<td>Northern IL, Northern IN</td>
</tr>
<tr>
<td>Alec Pacella, CCIM &amp; Michael Venesky</td>
<td>NAI Daus</td>
<td>216-831-3310</td>
<td>OH, Western PA</td>
</tr>
<tr>
<td>Larry Goldman, CCIM</td>
<td>RE/MAX Best Associates</td>
<td>913-339-0641</td>
<td>KS, MO, Southern IL</td>
</tr>
<tr>
<td>Mike Helline &amp; Paul Grisanti, CCIM</td>
<td>Grisanti Group Commercial Real Estate</td>
<td>502-253-1811</td>
<td>KY, Southern IN</td>
</tr>
<tr>
<td>Matson Holbrook, CCIM &amp; Max Schultz</td>
<td>Siegel-Gallagher, Inc.</td>
<td>414-270-4108</td>
<td>WI</td>
</tr>
<tr>
<td>Jim Soltis</td>
<td>Preview Properties.com</td>
<td>810-494-2062</td>
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<tr>
<td>Bill Barnhill, CCIM</td>
<td>Omega Properties, Inc.</td>
<td>888-801-4534</td>
<td>AL, MS, LA</td>
</tr>
<tr>
<td>Bill Brownfield, CRE, CCIM</td>
<td>MKP Self Storage LLC</td>
<td>713-907-6497</td>
<td>South &amp; Central TX</td>
</tr>
<tr>
<td>David Etzdold &amp; Noel Woodwell</td>
<td>Etzdold &amp; Co.</td>
<td>915-845-6006</td>
<td>West TX</td>
</tr>
<tr>
<td>Larry Goldman, CCIM</td>
<td>RE/MAX Best Associates</td>
<td>913-339-0641</td>
<td>AR</td>
</tr>
<tr>
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<td>Grisanti Group Commercial Real Estate</td>
<td>502-253-1811</td>
<td>TN</td>
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<tr>
<td>Jared Jones, CCIM</td>
<td>Porthaven Partners</td>
<td>918-583-3483</td>
<td>OK</td>
</tr>
<tr>
<td>Richard D. Minker, CCIM &amp; Tyler Trahant</td>
<td>CASE Commercial Real Estate Partners</td>
<td>817-335-5600</td>
<td>North TX</td>
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<tbody>
<tr>
<td>Steve Boldish, CCIM</td>
<td>Oregon Self Storage Brokers</td>
<td>541-776-1031</td>
<td>OR</td>
</tr>
<tr>
<td>Tyler Clay, Bob Southern &amp; Nicholas Maerz</td>
<td>Coldwell Banker Commercial Clay &amp; Associates</td>
<td>775-829-5900</td>
<td>NV</td>
</tr>
<tr>
<td>Tom de Jong</td>
<td>Colliers International</td>
<td>408-282-3829</td>
<td>Northern CA</td>
</tr>
<tr>
<td>David Etzdold &amp; Noel Woodwell</td>
<td>Etzdold &amp; Co.</td>
<td>915-845-6006</td>
<td>NM</td>
</tr>
<tr>
<td>Jeffery A. Gorden, CCIM</td>
<td>Eagle Commercial Realty Services</td>
<td>480-331-8880</td>
<td>AZ</td>
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<tr>
<td>Larry Hayes</td>
<td>Hayes &amp; Associates</td>
<td>406-728-0088</td>
<td>ID, MT</td>
</tr>
<tr>
<td>Joan Lucas</td>
<td>Joan Lucas Real Estate Services, LLC</td>
<td>720-855-6587</td>
<td>CO</td>
</tr>
<tr>
<td>Jason Wilcox, CCIM</td>
<td>RAVEN Commercial Real Estate</td>
<td>206-919-7643</td>
<td>WA</td>
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