

What Big Data?

- Energy Report
- Green Score Sheet
- AKWarm© Report
- Energy Audit
- Whole House Inspection
- Al Residential Green & Energy Efficient Addendum



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Imagine the Accuracy of Valuations if every MLS had "Big Data" attached.

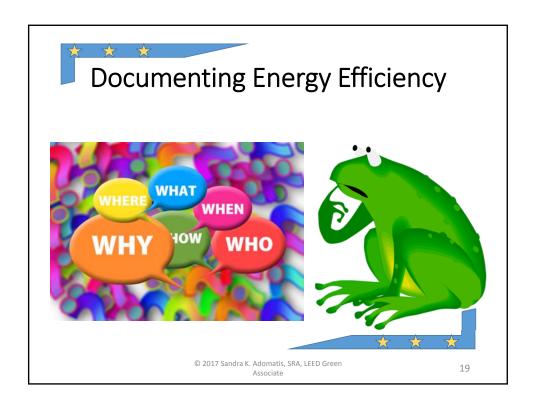
The data is hidden in most markets even from the potential buyers.

Knowledge of how important specific data about a house is to valuing and selling it for the best price is key to changing the market.



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Home Performance with ENERGY STAR®

Audit Report

About this home

Year Built: 1850 Number of Bedrooms: 2 Number of Stories: 2 Average Ceiling Height: 8 Ft Conditioned Floor Area: 1114 Front of House Direction: West



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Because they never saw your report, their comparables look like this.

Old house built in late 1800s or early 1900s.

High utility bills

Older neighborhood

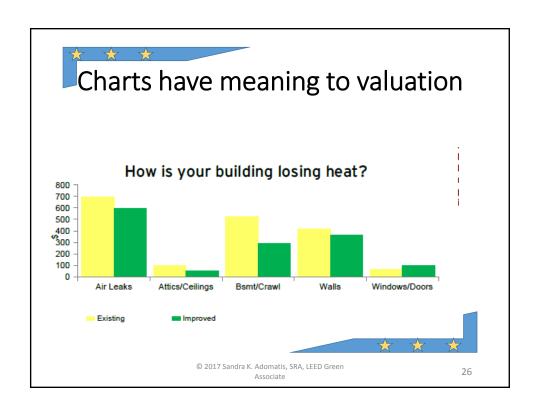


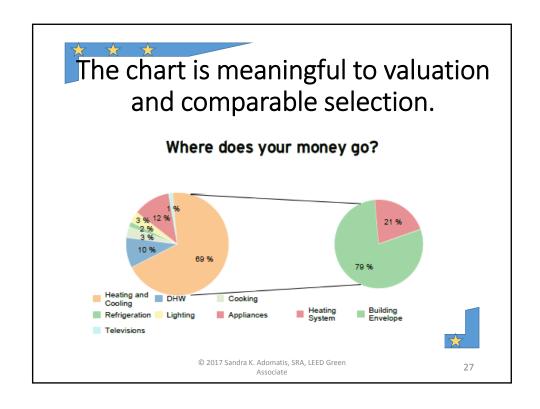
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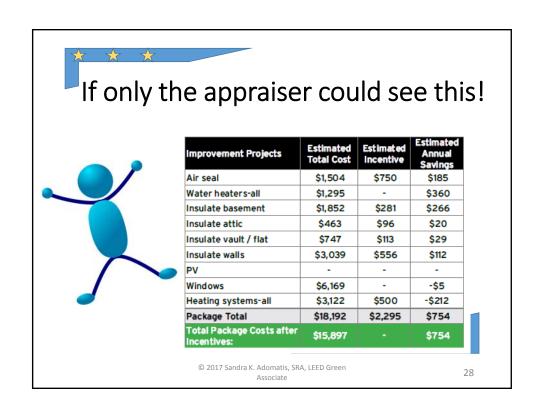


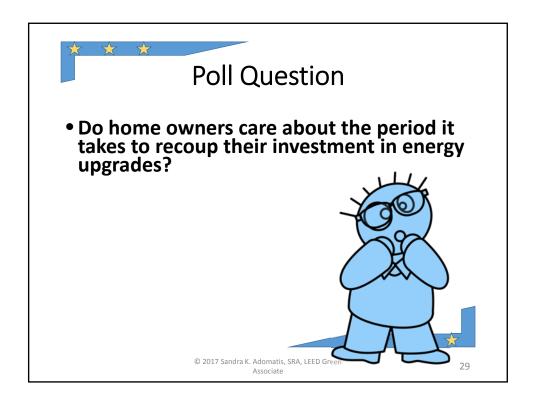


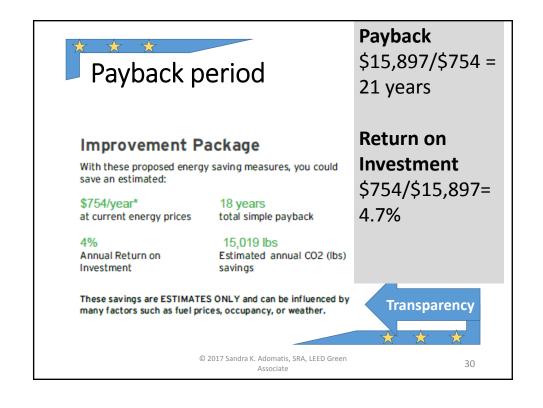
Sales Comparison Appr					
Features	Subject	MLS Sale 1	MLS Sale 2	MLS Sale 3	
Sale Date	Today	04/XX	02/XX	03/XX	
Living Area	1,114	1,250	900	980	
Room Count	5/2/1	5/2/1.5	5/2/1	5/2/1	
Basement	Full	Full	Full	Full	
Energy Eff.	Average	Average	Average	Average	
Sale Price	\$145,000	\$135,000	\$115,000	\$120,000	
Days on Mkt	32	40	55	75	
				* * *	

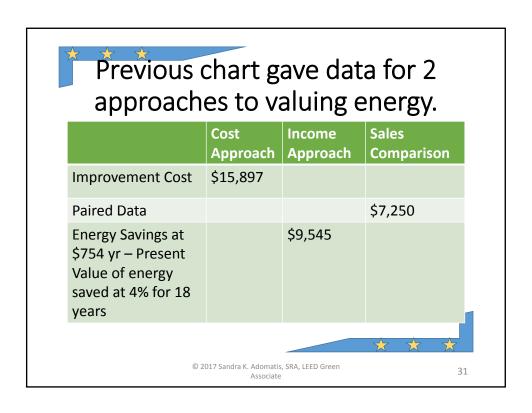


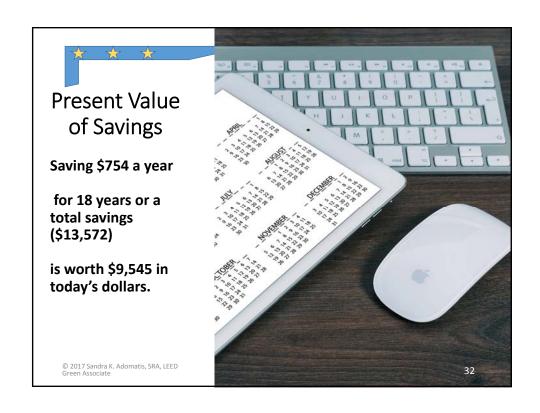


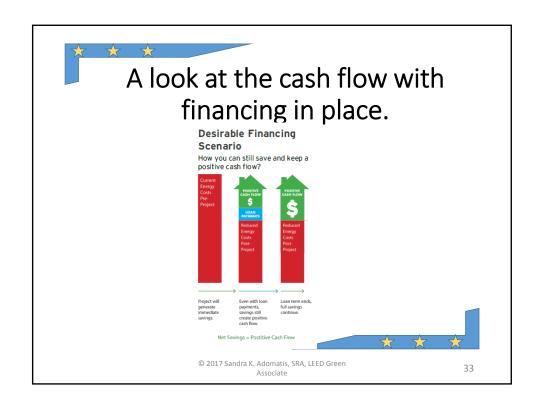


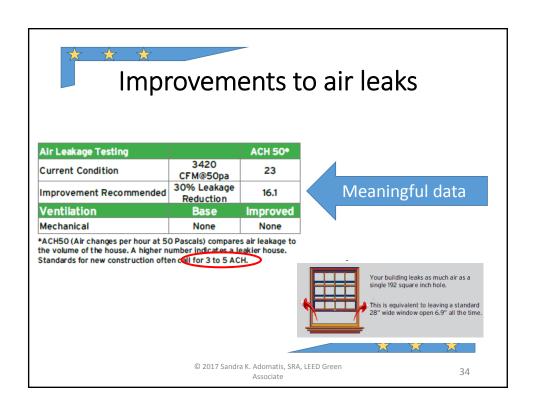


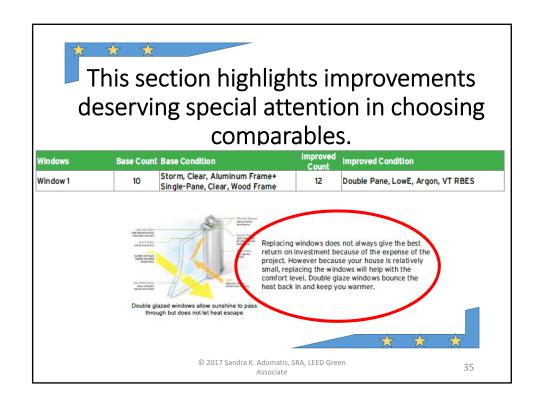


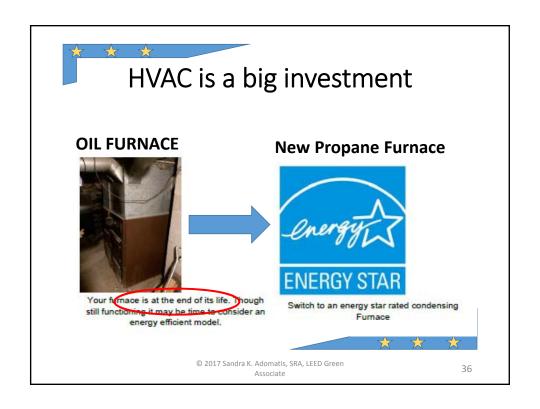








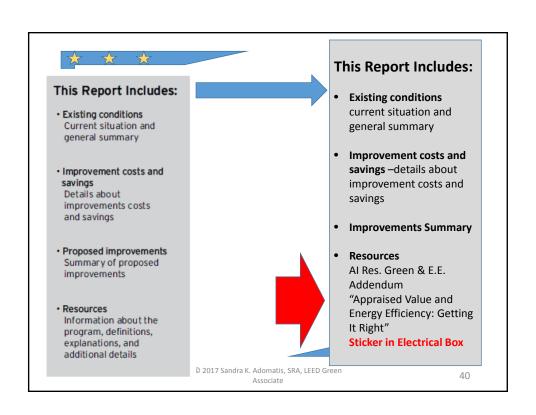


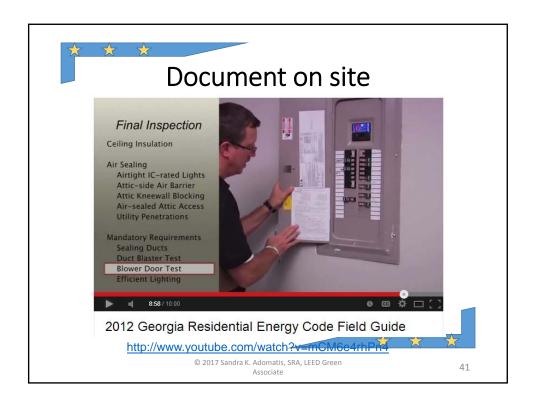


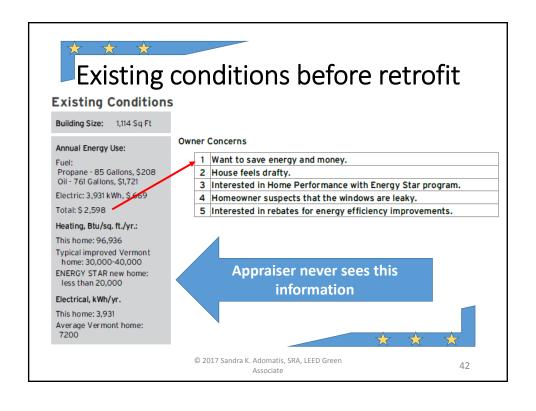


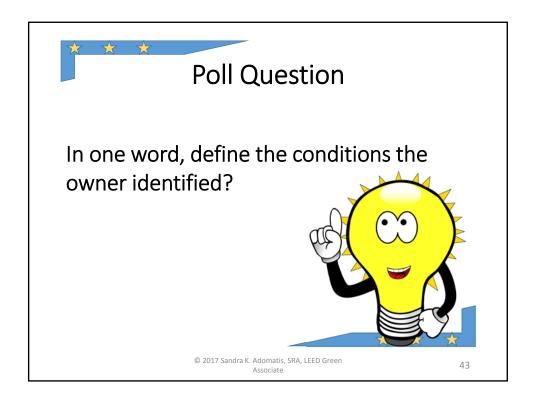
Features	Sale A	Sale B	Adjustments
Sale Price - DOM	\$236,300 – 4 days	\$200,000-4 days	
Sale Date (contract)	10/2011	10/2011	
Lot Size/View	10,000 SF/Res	15,000 SF/Sup	-500
Style	Ranch	Ranch	
Age	54 yrs	46 yrs	
Gross Living Area/Rooms	2,330 SF (7/4/2)	1,932 SF (6/3/2)	+1000
Parking	2-Carport	2-Car Garage	-5000
Energy Features	5 kW Solar PV & Water Heating Low E Windows Low VOC/Lot Utility	None	
Condition	Updated & energy retrofit & Low Mtce Yd – flat older roof	Average for age New Flat Tile	-5000 for roo
Premium paid for Sale A U	pdates and Energy Retrolit	\$31,300 or 15%	

Sales Comparison Approach							
Features	Subject	MLS Sale 1	MLS Sale 2	MLS Sale 3			
Sale Date	Today	04/XX	02/XX	03/XX			
Living Area	1,114	1,250	900	980			
Room Count	5/2/1	5/2/1.5	5/2/1	5/2/1			
Basement	Full	Full	Full	Full			
Energy Eff.	Retrofit	Retrofit	Retrofit	Retrofit			
Sale Price	\$145,000	\$155,000	\$139,000	\$142,000			
Days on Market	32	48	29	60			
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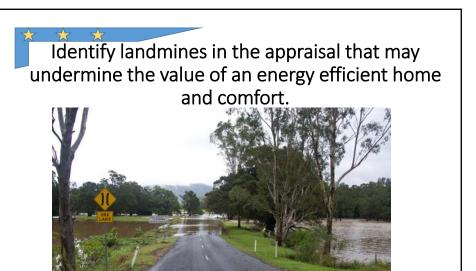












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ROAD CLOSED

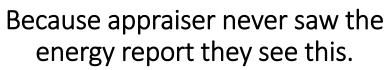
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Appraisal Concerns

- Inaccurate information on the property appraised or sales used as comparables
- Inappropriate sales data
- Omission of analysis, description, or explanation of energy or green features.

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Typical old house built in 1800s.

High heating bills Drafty



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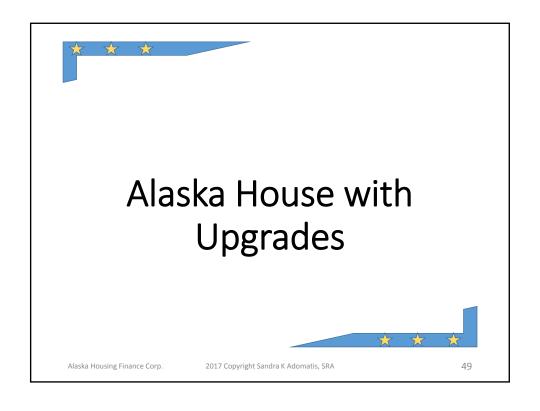
Key Take Aways From The Case Study

- Appraiser needs the full energy report
- The energy report identifies upgrades and issues the house may have.
- Without the data, the appraiser may select comparables that are not really similar.

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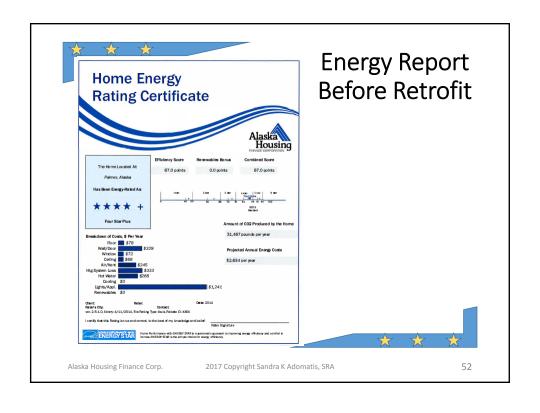
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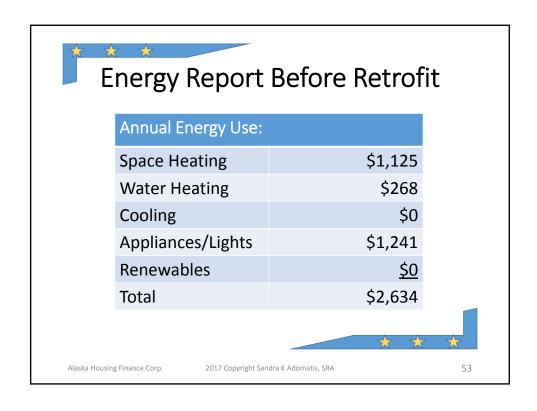
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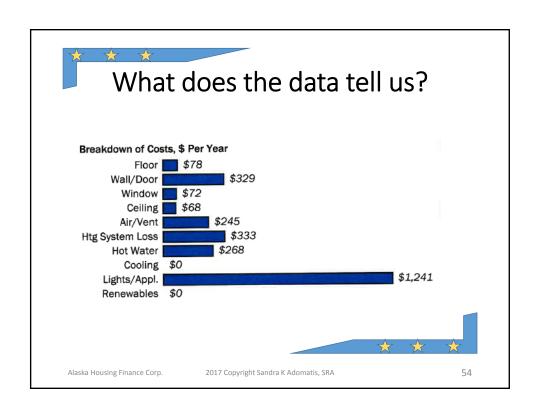


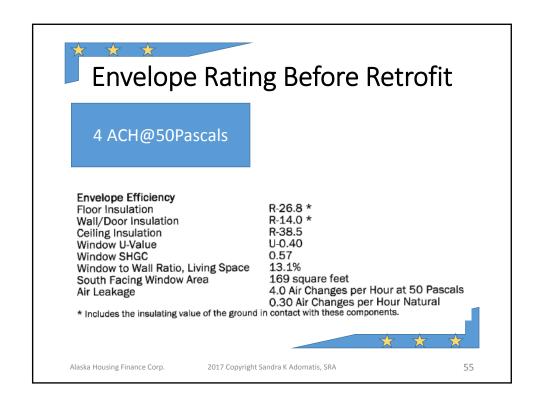


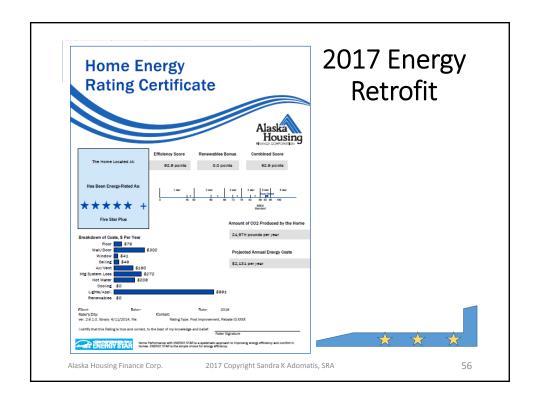


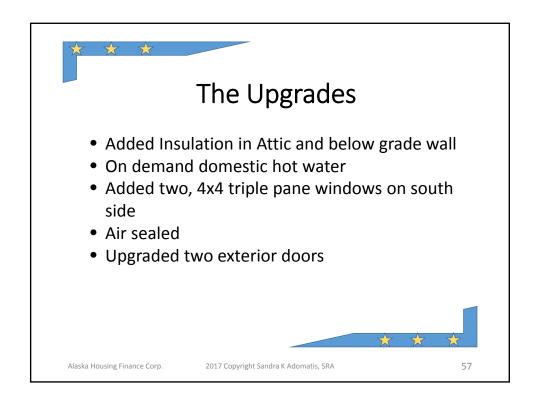




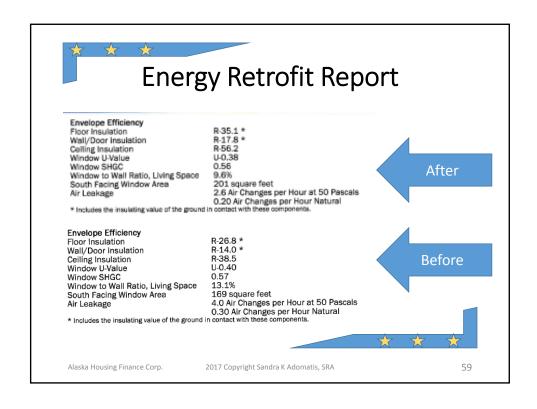


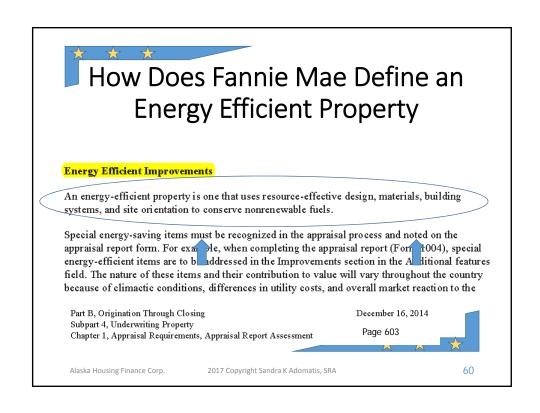


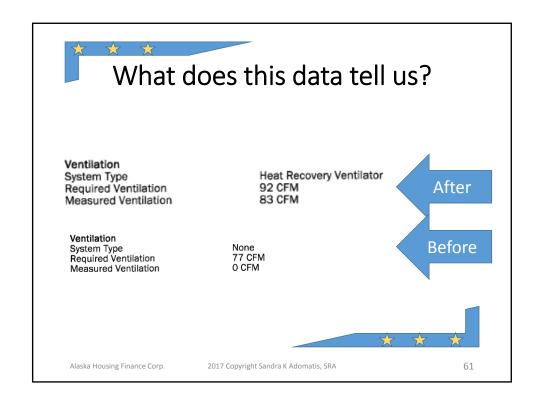


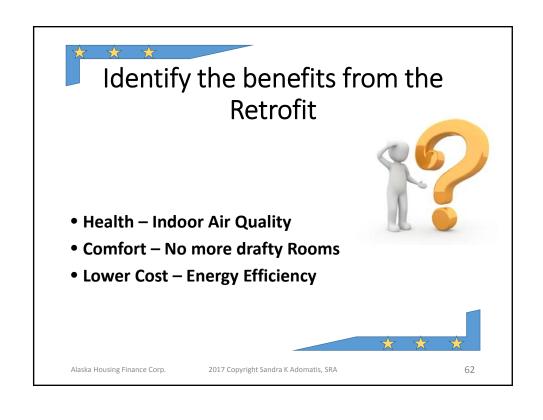
















Material deficiencies on appraisals are those deficiencies that have a direct impact on value and marketability. Material deficiencies include, but are not limited to: • failure to report readily observable defects that impact the health and safety of the occupants and/or structural soundness of the house: • reliance upon outdated or dissimilar comparable sales when more recent and/or comparable sales were available as of the effective date of the appraisal; and • fraudulent statements or conclusions when the Appraiser had reason to know or should have known that such statements or conclusions compromise the integrity, accuracy and/or thoroughness of the appraisal submitted to the client.

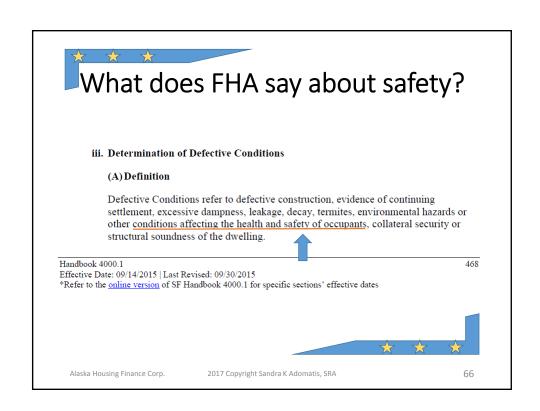
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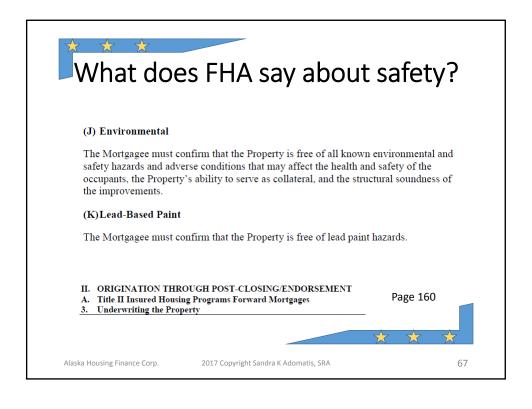
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II. ORIGINATION THROUGH POST-CLOSING/ENDORSEMENT A. Title II Insured Housing Programs Forward Mortgages

Underwriting the Property

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REALTOR® Code Of Ethics

Article 2

Realtors® shall avoid exaggeration, misrepresentation, or concealment of pertinent facts relating to the property or the transaction. Realtors® shall not, be obligated to discover latent defects in the property, to advise on matters outside the scope of their real estate license, or to disclose facts which are confidential under the scope of agency or nonagency relationships as defined by state law.

(Amended 1/00)

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Energy Costs Before & After Retrofit Projected Energy Costs in 2014 \$2,634 Projected Energy Costs Annually \$2,131 Annual Savings \$503 Cost to retrofit the energy upgrades \$9,815

Case Study — Your Turn to Answer • How would you approach an energy efficient adjustment if your comparables do not have the savings?

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Case Study — Your Turn to Answer • What is the time it will take to recoup the investment? Cost to retrofit the energy upgrades \$9,815 Annual Savings \$503

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Cost to retrofit the energy upgrades \$9,815 Annual Savings \$ 503

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Case Study – Your Turn to Answer

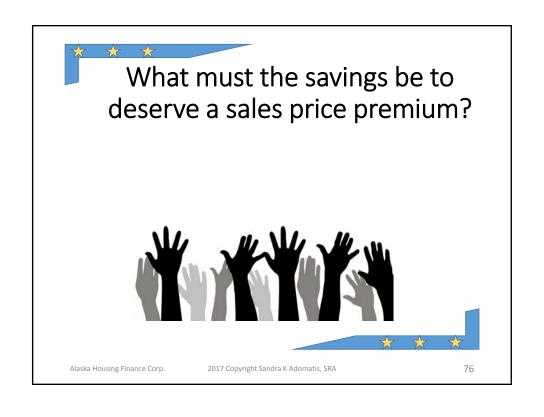
 How would you support the useful life of the energy upgrades?

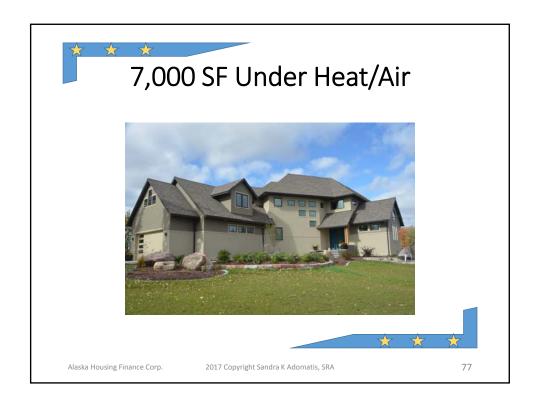
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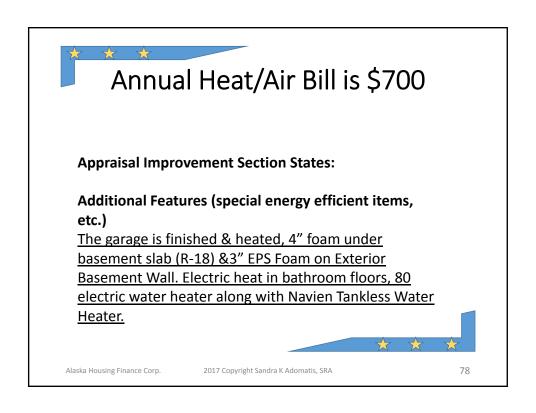
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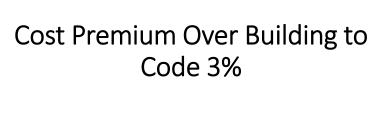
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Sales Comparison Approach in Appraisal – No Energy Efficient Adjustment

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Appraiser Response to No Energy Adjustment

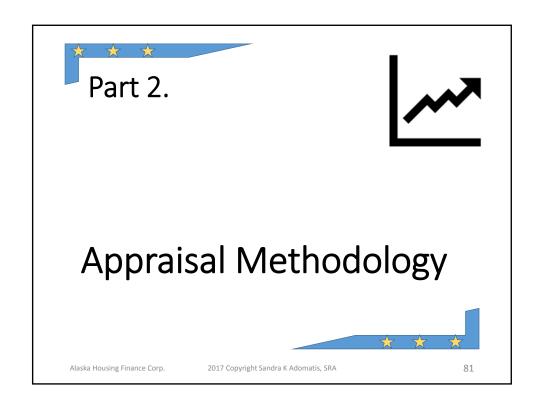
In high-end, good quality housing, everything is lumped into quality rating and that includes energy features.

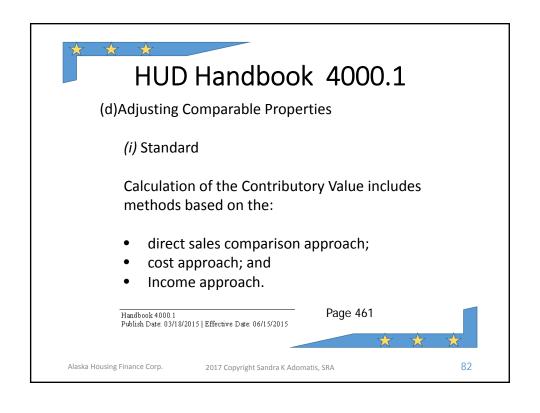
None of the comparables had energy reports or the same high efficient mechanicals the appraised property possessed.

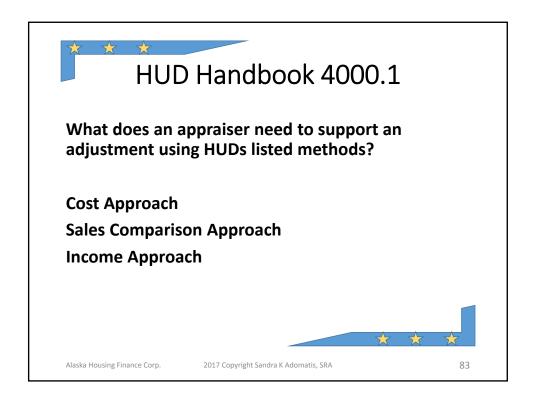
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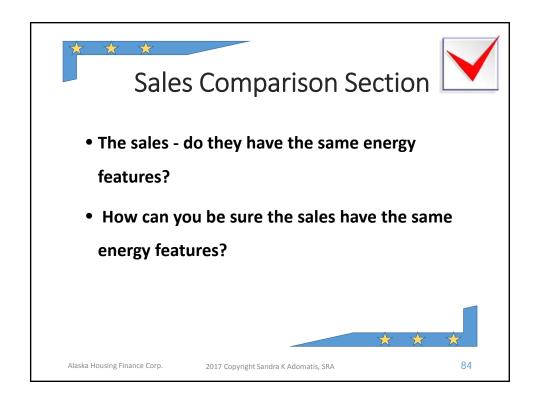
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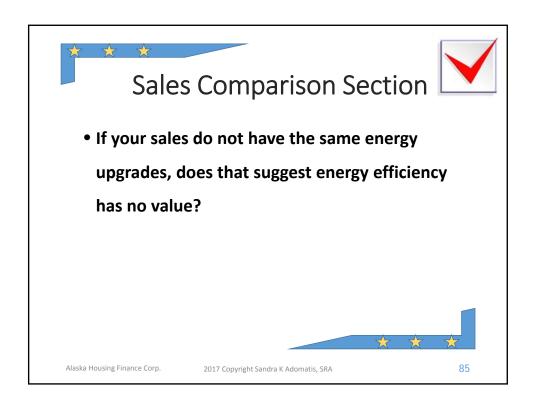
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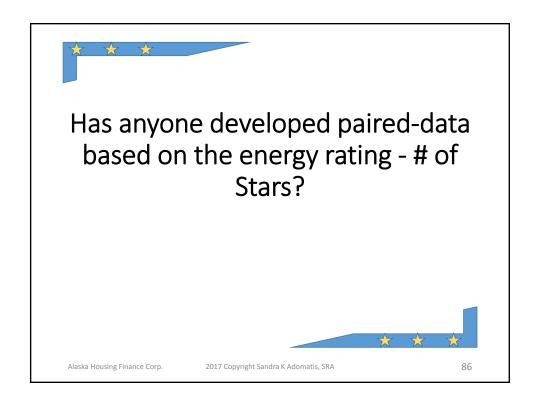


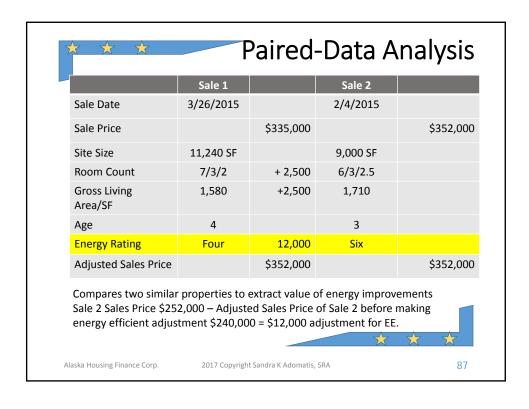


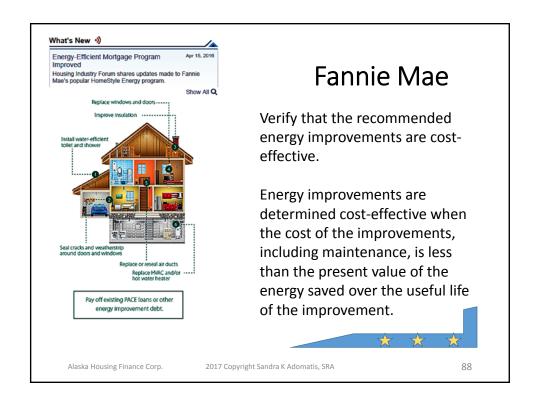




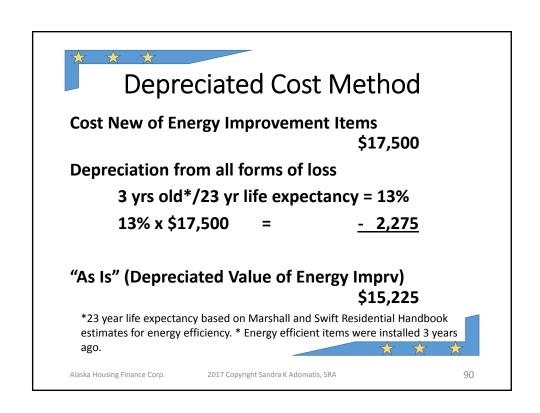












Depreciated Cost Method

Energy Efficient Upgrade Costs are important and can be used as one indicator in estimating value. Even if the updates were 2-3 years ago, the costs are important to the appraiser.

Provide a list of those update and if the actual contract is available, provide it to the appraiser.



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Alaska's Requirement to Disclose Utility Costs Prior to Transfer

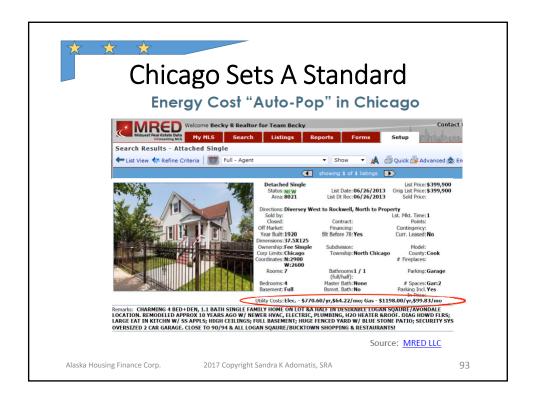
Will this have or has it had any affect on the market?

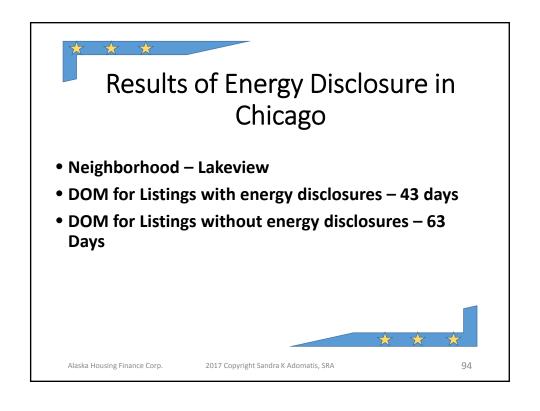


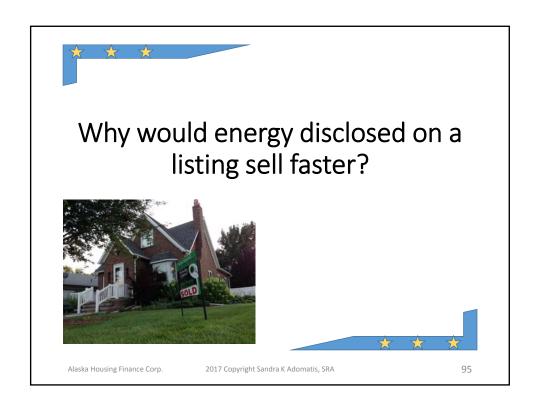
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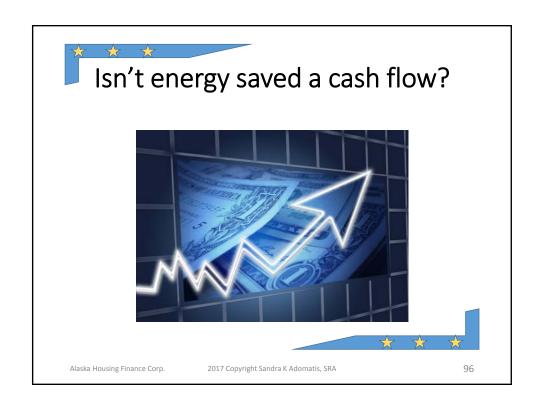
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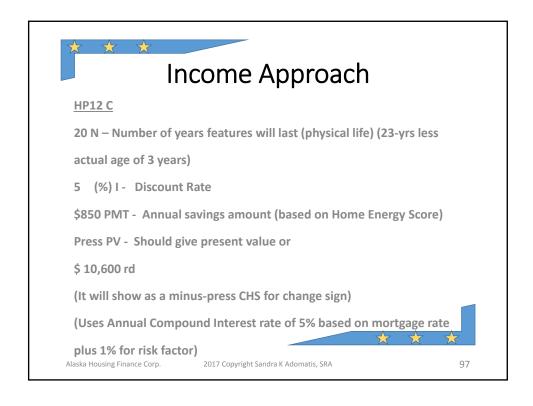
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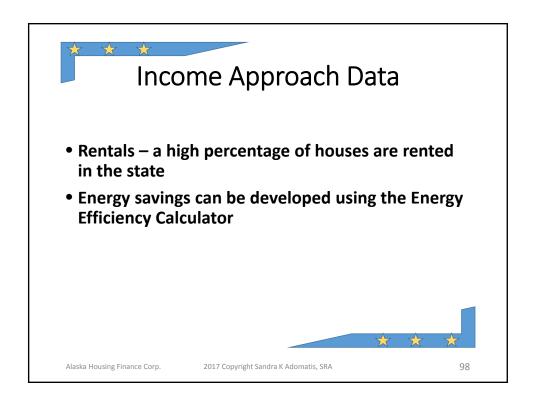


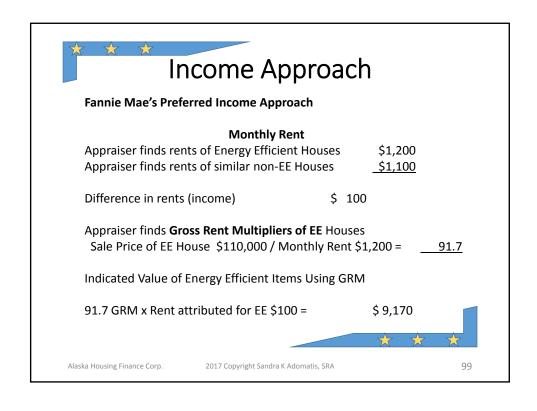


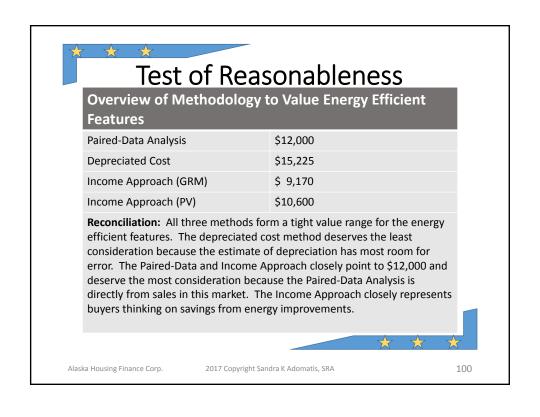


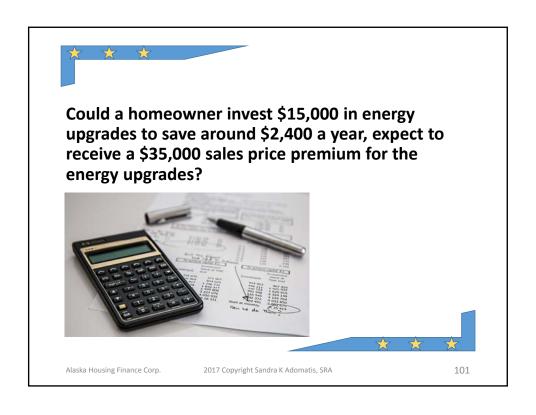


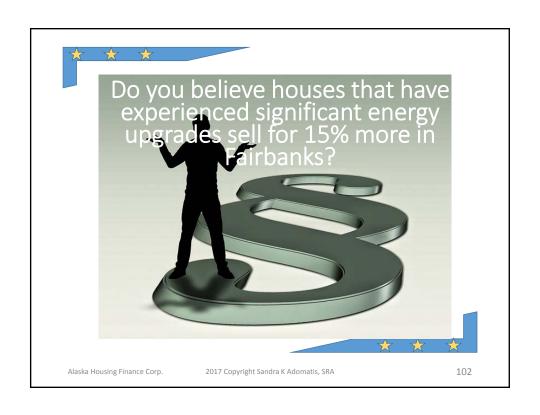


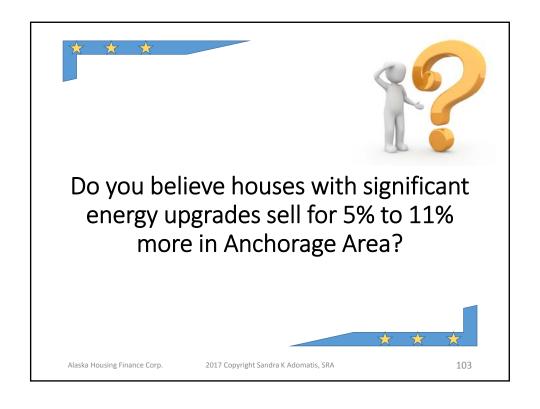




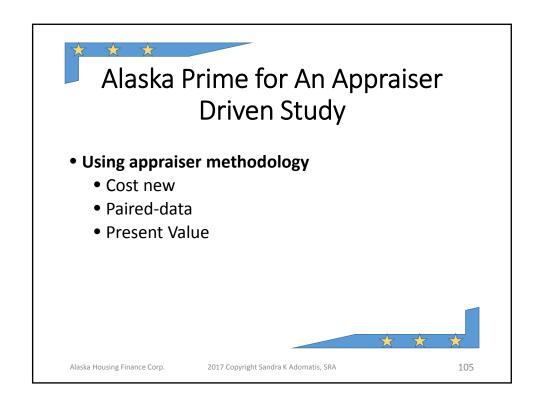




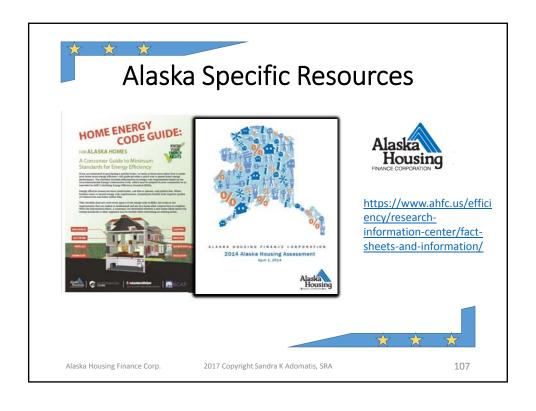


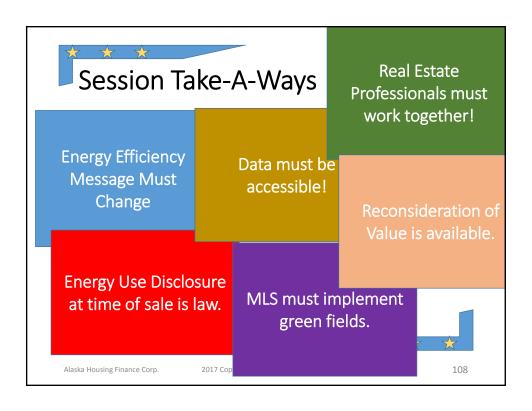


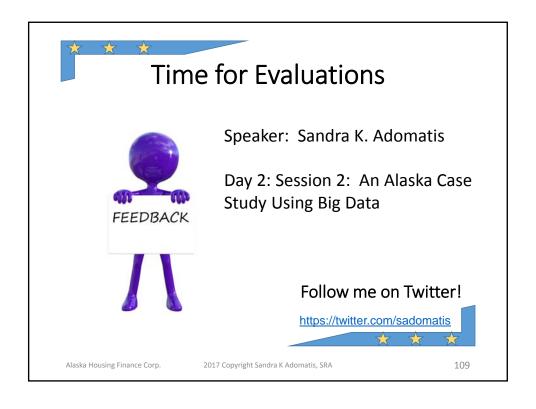


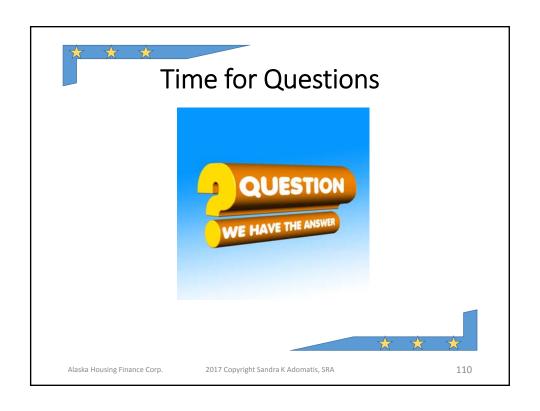














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