

Event Session

Closing General Session: Federal Housing Policies

Date: February 25???26, 2025

00:00:00 --> 00:00:01: Good afternoon. 00:00:06 --> 00:00:08: Good afternoon, everyone. 00:00:08 --> 00:00:11: I'm Angela Kane, Chief Executive Officer of ULI, and it 00:00:11 --> 00:00:15: is my distinct pleasure to invite you to our Housing 00:00:15 --> 00:00:19: Opportunity Conference and welcome you from and thank you for 00:00:19 --> 00:00:21: making time to be with us today. 00:00:23 --> 00:00:25: You know, in my first six months as your global 00:00:25 --> 00:00:29: CEO, I've been listening to members and learning about the 00:00:29 --> 00:00:32: work that shapes the future of the built environment for 00:00:32 --> 00:00:32: the better. 00:00:33 --> 00:00:37: I'm in awe of the passion, the dedication, and the 00:00:37 --> 00:00:39: generosity of ULI members. 00:00:39 --> 00:00:42: It's what makes ULIULI. 00:00:42 --> 00:00:44: So give yourselves a round of applause. 00:00:44 --> 00:00:46: You're an amazing group of people. 00:00:46 --> 00:00:47: My honor to serve you. 00:00:50 --> 00:00:53: As we work together to strengthen ULI for the long 00:00:53 --> 00:00:57: term and enhance the value, the experience and the impact 00:00:57 --> 00:01:00: that we deliver, Members will always be at the center 00:01:00 --> 00:01:02: of all that we do. 00:01:03 --> 00:01:07: Among development and land issues today, few are as relevant 00:01:07 --> 00:01:09: and pressing as housing affordability. 00:01:09 --> 00:01:13: As you all know, nearly every city faces some form 00:01:13 --> 00:01:18: of housing crisis, lack of affordable and workforce housing, obstacles 00:01:18 --> 00:01:23: to new production shifts and working habits and migration

patterns,

and more.

00:01:23 --> 00:01:24:

00:01:25> 00:01:28:	These challenges also have a ripple effect that extend beyond
00:01:28> 00:01:33:	housing markets into the economic, social and political spheres.
00:01:34> 00:01:37:	But there are no one size fit all solutions, which
00:01:37> 00:01:41:	is why ULI member expertise and collaboration are so vital.
00:01:42> 00:01:45:	They fuel the work of the Terwilliger Center to advance
00:01:45> 00:01:51:	innovation strategies through research, best practices, local technical assistance, and
00:01:51> 00:01:52:	convenings like this one.
00:01:54> 00:01:57:	I want to offer a special thanks to Ron Teriliger,
00:01:57> 00:02:01:	whose long standing generosity and leadership have enabled ULI to
00:02:02> 00:02:05:	have a meaningful impact in solving housing challenges.
00:02:10> 00:02:13:	He is celebrating his 50th year as a ULI member,
00:02:13> 00:02:17:	so please let's give him a huge round of applause.
00:02:21> 00:02:24:	We thank you for your dedication and leadership.
00:02:25> 00:02:28:	We all know that real estate is local, so the
00:02:28> 00:02:31:	most powerful engines of ULI are impact are found at
00:02:31> 00:02:34:	the local level with our district councils.
00:02:34> 00:02:39:	They engage communities, bring stakeholders together and leverage member expertise
00:02:39> 00:02:41:	to solve problems collaboratively.
00:02:42> 00:02:46:	We've seen that recently in Los Angeles, where members are
00:02:46> 00:02:50:	working together to share innovative ideas and best practices for
00:02:50> 00:02:52:	rebuilding after the wildfires.
00:02:52> 00:02:54:	We also see it here in Atlanta, a city I
00:02:54> 00:02:57:	called home for many years, a place that's very near
00:02:57> 00:02:58:	and dear to my heart.
00:02:59> 00:03:03:	I'm grateful to the entire ULI Atlanta team, including District
00:03:03> 00:03:08:	Council Chair Tyrone Rashall, Chair for Mission Advancement Amanda Rhine,
00:03:08> 00:03:12:	and Executive Director Daphne Bond Godfrey, for being wonderful host
00:03:12> 00:03:13:	this week.
00:03:13> 00:03:14:	Let's give them a round of applause.
00:03:19> 00:03:21:	ULI Atlanta is a model of how a District Council
00:03:22> 00:03:24:	can make a difference in its community.
00:03:24> 00:03:24:	It really is.
00:03:25> 00:03:28:	A little more than a year ago, at the request
00:03:28> 00:03:32:	of the local Housing Authority, ULI, ULI Atlanta partnered with

00:03:32> 00:03:36:	the Terwilliger Center and the Advisory Services Program.
00:03:36> 00:03:40:	A panel of experts from across the country offered
	recommendations
00:03:40> 00:03:43:	on creating or preserving affordable housing.
00:03:44> 00:03:48:	Atlanta Housing has since begun to enhance its strategy using
00:03:48> 00:03:49:	those findings.
00:03:49> 00:03:51:	So you will lie hard at work here in the
00:03:51> 00:03:52:	heart of Atlanta.
00:03:52> 00:03:55:	With that success story in mind, let's turn to our
00:03:55> 00:03:56:	program today.
00:03:57> 00:04:00:	Over the next two days, you're going to learn about
00:04:00> 00:04:05:	cutting edge research, industry best practices, innovative policies, and transformative
00:04:05> 00:04:07:	technologies and housing development.
00:04:08> 00:04:11:	I hope the connections you make, the insights you gain,
00:04:11> 00:04:15:	and the opportunities you encounter will be as valuable as
00:04:15> 00:04:18:	you shape the future of the built environment and your
00:04:18> 00:04:20:	own businesses and communities.
00:04:21> 00:04:24:	I know we're all looking forward to hearing about the
00:04:24> 00:04:27:	state of the US housing market and diving into the
00:04:27> 00:04:31:	2025 Housing Attainability Index with Ken Rosen and Adam Ducker.
00:04:32> 00:04:35:	But first, I'm honored to introduce a local leader in
00:04:35> 00:04:36:	housing policy innovation.
00:04:37> 00:04:41:	Please welcome the City of Atlanta's Chief Policy Officer and
00:04:41> 00:04:43:	senior advisor to the Mayor, Mr.
00:04:43> 00:04:44:	Courtney English.
00:04:54> 00:04:56:	All right, what's up?
00:04:56> 00:04:57:	You alive?
00:04:58> 00:05:01:	All new, new, new, new, new, new, new.
00:05:02> 00:05:03:	This is Atlanta.
00:05:03> 00:05:05:	We we like to have a little bit of fun.
00:05:05> 00:05:06:	What's up y'all?
00:05:06> 00:05:09:	All right, all right, We know it's a heady.
00:05:09> 00:05:12:	We know it's a heady topic, but but we are
00:05:12> 00:05:13:	going to have some fun.
00:05:13> 00:05:16:	It's a pleasure to be with you all to bring
00:05:16> 00:05:19:	greetings on behalf of our 61st mayor, Mayor Andre Dickens,
00:05:19> 00:05:22:	who would be here today if it weren't for he's
00:05:22> 00:05:25:	got a little speech later on this evening called the
00:05:25> 00:05:26:	State of the city.
00:05:26> 00:05:28:	So you all are stuck with me.

00:05:28 → 00:05:29:		
00:05:31 → 00:05:32: A few fans. 1 do want to thank Angela and her for her 00:05:36 → 00:05:36: Ottstanding leadership. 00:05:36 → 00:05:35: Of course, we want to thank everyone at Urban, the 00:05:44 → 00:05:54: Of course, we want to thank everyone at Urban, the 00:05:50 → 00:05:50: Urban Land Institute's Terwilliger Center for Housing for selecting Atlanta 00:05:50 → 00:05:53: as a host for this incredibly important conversation. 10:05:54 → 00:05:56: There's 2025 Housing Opportunity Conference. 11's an honor to showcase all of the important work that we're doing in the city of Atlanta that we believe is having an impact nationwide to make housing more 10:06:08 → 00:06:03: affordable, to bring high quality neighborhoods to all folks who 10:06:12 → 00:06:13: call this city home. 10:06:14 → 00:06:17: The conversations that you will have over the next few days we believe will help shape the future of housing policy. 10:06:21 → 00:06:22: And let me say this, with all of the excitement happening in Washington, DC, we believe that the notion that politics is local has never been more true and has never been more true and has never been more necessary. 10:06:34 → 00:06:34: politics is local has never been more true and has never been more frue and has never been more increases. 10:06:34 → 00:06:34: The guiding strategic	00:05:28> 00:05:29:	I hope that's OK.
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that neighborhood strategy	00:07:12> 00:07:17:	
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00:07:17> 00:07:20:	is ensuring access to high quality affordability.
00:07:21> 00:07:24:	Which is exactly why I'm mayor put out a bold
00:07:24> 00:07:28:	goal to build 20,000 units of affordable housing in an
00:07:28> 00:07:29:	8 year period.
00:07:30> 00:07:35:	To date, in just three years, we've delivered 6500 units
00:07:35> 00:07:41:	of affordable housing, 6500 units of affordable housing, with almost
00:07:42> 00:07:45:	5000 additional units on the way.
00:07:45> 00:07:48:	Our mayor would say that that kind of progress is
00:07:48> 00:07:51:	evidence of what we like to call in the city
00:07:51> 00:07:55:	of Atlanta, Atlanta's group project where all folks pour in.
00:07:55> 00:07:57:	So when the mayor took office, he created what we
00:07:57> 00:08:00:	call the Atlanta, the Affordable Housing Strike Force.
00:08:00> 00:08:02:	We're not good at naming things.
00:08:02> 00:08:03:	They are what it sounds like.
00:08:03> 00:08:06:	We're going to strike really hard and building affordable housing
00:08:06> 00:08:07:	as fast as humanly as possible.
00:08:08> 00:08:10:	All that strike force is is a combination of everybody
00:08:10> 00:08:14:	anywhere who touches affordable housing, who has access to dirt.
00:08:14> 00:08:17:	We're sitting in a room planning and thinking about how
00:08:17> 00:08:19:	to get affordable housing out of the ground fast.
00:08:19> 00:08:22:	There's some members of the Affordable Housing Strike Force in
00:08:22> 00:08:24:	the room, Amanda Ryan, who was mentioned earlier.
00:08:24> 00:08:26:	Raise your hand, Amanda.
00:08:26> 00:08:28:	Hey, she's one of my heroes.
00:08:29> 00:08:29:	Actually.
00:08:29> 00:08:32:	I saw Dennis Richards from the Atlanta Beltline is in
00:08:33> 00:08:34:	the room somewhere.
00:08:35> 00:08:36:	Terry Lee will be with you.
00:08:36> 00:08:38:	I know other folks from Invest Atlanta.
00:08:38> 00:08:41:	And then I want to give a special shout out
00:08:41> 00:08:43:	to someone who has a special connection to ULI.
00:08:43> 00:08:45:	Lisa Benjamin is in the room.
00:08:45> 00:08:46:	Where are you, Lisa?
00:08:47> 00:08:51:	Lisa is the city's former CEO, the mayor's first CEO,
00:08:51> 00:08:55:	and actually started off by chairing the Atlanta Affordable Housing
00:08:55> 00:08:57:	Strike Force along with myself.
00:08:57> 00:08:59:	And so we got a whole lot of folks doing
00:08:59> 00:09:01:	a whole lot of good work.

00-00-04 > 00-00-00-	Males as in a factor of a second seco
00:09:01> 00:09:03:	We're going to leverage our public assets.
00:09:03> 00:09:06:	We have over 2000 acres of undeveloped land in this
00:09:06> 00:09:08:	city, and we're going to build on all of them.
00:09:09> 00:09:11:	We're building housing on top of fire stations.
00:09:11> 00:09:13:	We're building housing in old parking lots.
00:09:13> 00:09:16:	We're converting office space into housing.
00:09:16> 00:09:18:	We're converting hotels and a housing.
00:09:18> 00:09:20:	If you have a piece of dirt that you're not
00:09:20> 00:09:23:	doing anything with, we will put housing on that too.
00:09:24> 00:09:26:	No, raise your hand if you got some dirt.
00:09:26> 00:09:30:	All right, listen, the point is simple.
00:09:30> 00:09:33:	We're going to do everything we can to build affordable
00:09:33> 00:09:37:	housing and keep our neighborhoods healthy, whole, safe, where folks
00:09:37> 00:09:40:	have the ability to work their way up up the
00:09:40> 00:09:42:	economic ladder and live choice filled lives.
00:09:42> 00:09:46:	There's our guiding strategic focus in this city and we
00:09:46> 00:09:49:	look forward to conversing with you, learning from you.
00:09:50> 00:09:53:	And we have no shame in stealing every good idea
00:09:53> 00:09:55:	that you all throw out.
00:09:55> 00:09:55:	So keep them coming.
00:09:56> 00:09:58:	I'm taking notes before I go.
00:09:58> 00:10:03:	I do want to acknowledge or really introduce a housing
00:10:03> 00:10:08:	legend, a trailblazer who has dedicated apparently 50 years of
00:10:09> 00:10:13:	his life to ULI and making sure that this country
00:10:13> 00:10:15:	is affordable for all.
00:10:15> 00:10:16:	Mr.
00:10:16> 00:10:19:	Ron Turruliger, I'm sorry, I always missed it.
00:10:20> 00:10:24:	Turruliger has again laid an incredible foundation for all of
00:10:24> 00:10:27:	us and set an incredible example for all of us
00:10:27> 00:10:31:	to learn by, not just in Atlanta, but across the
00:10:31> 00:10:31:	country.
00:10:32> 00:10:35:	Ron is a former chair of the Urban Land Institute
00:10:35> 00:10:38:	two and in 2007 he established the Turbulgar Center for
00:10:38> 00:10:41:	Housing at ULI, with a mission to make sure everyone
00:10:41> 00:10:45:	has an affordable home that meets their needs and the
00:10:45> 00:10:46:	needs of their families.
00:10:46> 00:10:50:	In addition to his work at ULI, Ron has centers
00:10:50> 00:10:54:	at the Habitat for Humanity and the Bipartisan Policy Center
00:10:54> 00:10:57:	where he works to develop core housing solutions.
00:10:58> 00:11:01:	Ron has dedicated his entire career to advocating for affordable

00:11:01> 00:11:04:	housing, and we're lucky to have him with us today.
00:11:04> 00:11:07:	Please join me in in a warm round of applause
00:11:07> 00:11:09:	for walking my speaker this morning, Mr.
00:11:09> 00:11:11:	Ron Toriliga.
00:11:25> 00:11:28:	Thank you, Angela and Courtney.
00:11:28> 00:11:31:	Like Angela, Atlanta has been my home for a lot
00:11:31> 00:11:32:	of years.
00:11:32> 00:11:36:	I lived here 27 years, work with Shirley Franklin.
00:11:36> 00:11:40:	Actually, we had Renee Glover and I shared the Affordable
00:11:40> 00:11:43:	Workforce Housing Task Force many years ago.
00:11:44> 00:11:47:	This challenge for housing affordability has been with us a
00:11:47> 00:11:48:	long time.
00:11:49> 00:11:52:	I've always called it a silent crisis.
00:11:52> 00:11:55:	I think it's less silent now because more and more
00:11:55> 00:11:56:	people are aware of it.
00:11:56> 00:12:00:	But I'm pleased to be here today.
00:12:00> 00:12:05:	And we've always opened this conference with the same general
00:12:05> 00:12:07:	session state of the housing markets.
00:12:08> 00:12:12:	Throughout the years, we've had different people provide analysis, but
00:12:12> 00:12:15:	recent years we have these two great speakers who have
00:12:15> 00:12:17:	worked with us for a while.
00:12:17> 00:12:19:	It's a great way to kick start the conference.
00:12:20> 00:12:23:	We're joined today by Ken Rosen and Adam Ducker.
00:12:23> 00:12:25:	Why don't you guys come on up?
00:12:33> 00:12:36:	Ken is chairman of the Rosen Consulting Group, a real
00:12:36> 00:12:39:	estate market research firm, chairman of the Fisher Center for
00:12:39> 00:12:43:	Real Estate and Urban Economics, and professor emeritus and California
00:12:43> 00:12:46:	State chair of real estate and urban Economics, the Haas
00:12:46> 00:12:50:	School of Business at the University of California, Berkeley.
00:12:51> 00:12:52:	Ken has conferences every year.
00:12:52> 00:12:56:	We were reminded that at one of his conferences, I
00:12:56> 00:13:00:	decided this is 1993 to start a couple of real
00:13:00> 00:13:02:	estate investment trust.
00:13:03> 00:13:05:	Not many of you may have been working in those
00:13:05> 00:13:08:	days, but it was a difficult recession and people couldn't
00:13:08> 00:13:09:	refinance their debt.
00:13:09> 00:13:12:	So a number of companies went public and I got
00:13:12> 00:13:15:	the idea along with Chuck Berman at his conference to
00:13:15> 00:13:19:	start Avalon Bay and Gables, which were the two Trammell

00:13:19> 00:13:21:	Crow spin offs that became public.
00:13:24> 00:13:26:	Ken is the trustee of the Urban Land Institute and
00:13:26> 00:13:29:	a member of the board of directors of several nonprofit
00:13:29> 00:13:29:	entities.
00:13:30> 00:13:33:	Really well regarded and we're very fortunate to have you
00:13:33> 00:13:34:	with us today, Ken.
00:13:34> 00:13:35:	Thank you.
00:13:36> 00:13:40:	Adam Ducker's chief's executive officer, RC Elco, and overseas the
00:13:40> 00:13:44:	firm's real estate economics and management consulting practices.
00:13:44> 00:13:47:	He joined RC Elco in the mid 1990s as an
00:13:47> 00:13:51:	Associate director after Graduate School and learned the trade with
00:13:51> 00:13:52:	firm.
00:13:53> 00:13:58:	He is recognized subject to expert and organizational growth, capital
00:13:58> 00:14:03:	strategy, investment analysis, market and financial analysis, and marketing the
00:14:03> 00:14:05:	real estate assets.
00:14:05> 00:14:08:	He also serves as a member of the ULI Center's
00:14:08> 00:14:09:	Advisory Board.
00:14:11> 00:14:15:	My companies today that do apartment development always use RCL
00:14:11> 00:14:15: 00:14:15> 00:14:19:	
	use RCL
00:14:15> 00:14:19:	use RCL code to help verify the rents my my partners sometimes
00:14:15> 00:14:19: 00:14:19> 00:14:23:	use RCL code to help verify the rents my my partners sometimes aggressive the rents and absorption we might get and what
00:14:15> 00:14:19: 00:14:19> 00:14:23: 00:14:23> 00:14:25:	use RCL code to help verify the rents my my partners sometimes aggressive the rents and absorption we might get and what the unit mix should be in.
00:14:15> 00:14:19: 00:14:19> 00:14:23: 00:14:23> 00:14:25: 00:14:25> 00:14:28:	use RCL code to help verify the rents my my partners sometimes aggressive the rents and absorption we might get and what the unit mix should be in. My first apartment project was built here in Atlanta in
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00:14:15> 00:14:19: 00:14:19> 00:14:23: 00:14:23> 00:14:25: 00:14:25> 00:14:28: 00:14:29> 00:14:29: 00:14:30> 00:14:32: 00:14:32> 00:14:34: 00:14:34> 00:14:35: 00:14:38> 00:14:38: 00:14:38> 00:14:40: 00:14:40> 00:14:41: 00:14:41> 00:14:41: 00:14:47> 00:14:49: 00:14:49> 00:14:52:	use RCL code to help verify the rents my my partners sometimes aggressive the rents and absorption we might get and what the unit mix should be in. My first apartment project was built here in Atlanta in 1980. RCL Co was on the on the ground right then. So I have a long history with them and great respect for him. Thank you Adam and Ken for being here with us today. I think, Ken, you're going to start. Yeah, Thank you, Ron. I'm very fortunate to be able to come here, work with you alive for 45 years, not quite as long as Ron, but almost as long as Ron. And we're very fortunate to help him when he took

00:14:57> 00:14:59:	thank you, you made us a lot of money.
00:15:00> 00:15:00:	Everyone in the room, Should I?
00:15:01> 00:15:01:	Should I?
00:15:01> 00:15:03:	Give a little introduction on how we're going to use
00:15:03> 00:15:03:	the time, Ken.
00:15:04> 00:15:04:	Yes.
00:15:05> 00:15:08:	We're going to have a great opportunity to to hear
00:15:08> 00:15:11:	from Ken, who's really going to share the slides today.
00:15:11> 00:15:14:	And I get to be the troublemaker with the with
00:15:14> 00:15:15:	the other microphone.
00:15:16> 00:15:19:	So Ken is going to go through this and we're
00:15:19> 00:15:22:	going to try to to dialogue, if you will, not
00:15:22> 00:15:26:	surprising to anybody that maybe there's as much uncertainty difficult
00:15:26> 00:15:29:	in reading the tea leaves as there's been in a
00:15:29> 00:15:30:	long time.
00:15:31> 00:15:33:	And we're going to try to do that in dialogue
00:15:33> 00:15:35:	a little bit for the next 45 minutes or so.
00:15:35> 00:15:36:	But Ken, I'll let you go.
00:15:37> 00:15:41:	So I'm going to do very briefly a little introduction
00:15:41> 00:15:43:	about our new regime in Washington.
00:15:43> 00:15:46:	It's been I think 5 weeks now and it's created
00:15:46> 00:15:49:	a lot of instability, a lot of uncertainty.
00:15:49> 00:15:51:	And I'm just going to give the highlights here.
00:15:51> 00:15:54:	And as we go through the the detailed slides on
00:15:54> 00:15:59:	supply and demand, vacant straight and rents for apartments, for
00:15:59> 00:16:02:	single family, for senior housing, for single for sale and
00:16:03> 00:16:04:	for rent single family.
00:16:05> 00:16:08:	So starting with the Department of Governmental Efficiency, I don't
00:16:08> 00:16:11:	know if I've ever seen anything like this.
00:16:11> 00:16:13:	The instability that is created.
00:16:14> 00:16:15:	Every day there's something new.
00:16:15> 00:16:17:	You wake up and what are they doing next?
00:16:19> 00:16:23:	It's almost like they're trying to disrupt everything, which Elon
00:16:23> 00:16:24:	Musk has done with Twitter.
00:16:24> 00:16:25:	I'm from California.
00:16:25> 00:16:28:	I saw what he did, fired 80% of the people.
00:16:28> 00:16:30:	They think they can do the same thing with the
00:16:30> 00:16:32:	several million federal workers.
00:16:32> 00:16:34:	I think it's a mistake, but he's doing it.
00:16:35> 00:16:38:	75,000 people have already resigned.

00:16:38> 00:16:41:	They tried to get them to voluntarily do that, offering
00:16:41> 00:16:44:	a buyout, 8 more months of work and then you
00:16:44> 00:16:46:	don't have to work and you get paid your retirement
00:16:46> 00:16:47:	benefits.
00:16:48> 00:16:52:	Their target is 200,000 people and he's trying everything you
00:16:52> 00:16:52:	can.
00:16:52> 00:16:54:	You saw over the weekend, just latest.
00:16:55> 00:16:56:	Tell me what you did the last week.
00:16:57> 00:16:58:	5 bullet points or you're gone.
00:16:59> 00:17:01:	Well, we'll see how long that goes on.
00:17:01> 00:17:05:	So it's a big disruption and they're disrupting whole agencies,
00:17:05> 00:17:09:	whether it be HUD, FHA, Consumer Financial Protection Bureau.
00:17:09> 00:17:11:	So this is a big disruption.
00:17:11> 00:17:15:	We've never seen anything like this in my lifetime.
00:17:16> 00:17:19:	On the tariff side, is it a tool or is
00:17:19> 00:17:22:	it something that's going to actually happen?
00:17:22> 00:17:25:	We put tariffs on steel and aluminum already starting I
00:17:25> 00:17:26:	think of March 4th.
00:17:27> 00:17:31:	And he's talked about 25% tariffs and bargaining with
00.47.24 > 00.47.22.	countries around the world.
00:17:31> 00:17:32:	
00:17:33> 00:17:35: 00:17:35> 00:17:35:	Lot of people in economics don't think he's going to do it.
00:17:36> 00:17:36:	He is.
00:17:36> 00:17:38:	He loves tariffs.
00:17:38> 00:17:41:	So this is going to be a big disruption to
00:17:41> 00:17:44:	trade and the cost of building will be affected.
00:17:44> 00:17:47:	About 30% of the components that are in a typical
00:17:47> 00:17:50:	housing unit come from overseas or Mexico, other places.
00:17:51> 00:17:53:	Immigration may be the biggest component of it.
00:17:54> 00:17:58:	Whether we actually do what he's suggesting, mass
	deportation of
00:17:58> 00:18:01:	a million people, they'll be a self deportation of maybe
00:18:02> 00:18:04:	one or two million more people.
00:18:04> 00:18:09:	But remember, immigration from abroad counts for 45% of the
00:18:09> 00:18:12:	annual growth in US population.
00:18:12> 00:18:13:	So we need this.
00:18:13> 00:18:14:	It's what makes U.S.
00:18:14> 00:18:14:	special.
00:18:15> 00:18:18:	And again, we don't know what's going to actually happen
00:18:18> 00:18:21:	here, but it's not looking good so far.

00:18:24 --> 00:18:25: You all know this. Between 25 and 45% of an individual households income 00:18:25 --> 00:18:30: goes 00:18:30 --> 00:18:31: for housing. 00:18:32 --> 00:18:34: So what we produce, what we rent and what we 00:18:34 --> 00:18:36: own, it's so critical. 00:18:36 --> 00:18:39: And yet there's very little discussion of housing policy. 00:18:40 --> 00:18:44: They've talked about a large reduction in staffing at H, 00:18:44 --> 00:18:45: at HUD and FHA. 00:18:46 --> 00:18:50: They've talked about privatization of the GS, ES, Fannie Mae 00:18:50 --> 00:18:51: and Freddie. 00:18:51 --> 00:18:54: Are they going to take them private successfully? 00:18:54 --> 00:18:55: They're very important. 00:18:55 --> 00:18:58: They account for 7080% of financing for housing. 00:18:58 --> 00:18:59: So we need them. 00:19:00 --> 00:19:04: And on the positive side, the secretary of Hud's talking 00:19:04 --> 00:19:07: about expanding opportunity zones, which has led to quite a 00:19:07 --> 00:19:10: bit of production in certain locations. 00:19:11 --> 00:19:14: So housing is a big issue and monetary policy. 00:19:14 --> 00:19:17: We're going to wait for the confrontation between Powell and 00:19:17 --> 00:19:18: Trump. 00:19:18 --> 00:19:21: It's sort of happened 2 weeks ago, then it stopped. 00:19:21 --> 00:19:22: But we'll see. 00:19:22 --> 00:19:24: He wants interest rates to be much lower. 00:19:24 --> 00:19:27: We all do, but you can't do that in inflationary 00:19:27 --> 00:19:28: economy. 00:19:29 --> 00:19:31: Before you go, just a question about housing policy. 00:19:31 --> 00:19:33: We're going to spend a lot of time in the 00:19:33 --> 00:19:34: next few days on housing policy. 00:19:35 --> 00:19:37: It's the question I got the most this morning from 00:19:37 --> 00:19:39: people in the room. 00:19:39 --> 00:19:43: The president ran on a pro housing policy to some 00:19:43 --> 00:19:43: degree. 00:19:44 --> 00:19:48: Is there a chance that the housing community, this group, 00:19:48 --> 00:19:51: can kind of bend the arc a little bit around 00:19:51 --> 00:19:53: HUD, around some of that? 00:19:53 --> 00:19:54: Well, we hope so. That's what you and I is here for. 00:19:54 --> 00:19:56: 00:19:56 --> 00:20:00: We're going to come out with our five point plan 00:20:00 --> 00:20:04: after this conference that Ron will deliver to Mr. 00:20:04 --> 00:20:04: Trump.

And the housing side, you housing is so important.

00:18:21 --> 00:18:24:

00:20:06 --> 00:20:08: I do think, you know, he is a real estate 00:20:08 --> 00:20:10: guy, but it's real estate in a different way than 00:20:11 --> 00:20:12: many in the room have done it. 00:20:15 --> 00:20:17: So let me just mention the deregulation. 00:20:17 --> 00:20:21: The one big positive could be deregulation, that the biggest 00:20:21 --> 00:20:24: problem that we've had is a lot of local land 00:20:24 --> 00:20:25: use regulations. 00:20:25 --> 00:20:27: Rent control is another regulation we have. 00:20:28 --> 00:20:30: Is there some way that we could have some sort 00:20:30 --> 00:20:32: of national help in this area? 00:20:32 --> 00:20:34: Already communities are doing it. 00:20:34 --> 00:20:37: Many of you know about Prop 33 in California where 00:20:37 --> 00:20:40: we had a group trying to put on a statewide 00:20:40 --> 00:20:42: rent control and I decided to be the face of 00:20:42 --> 00:20:44: the opposition and we want 60 to 40. 00:20:45 --> 00:20:48: California, very liberal state, defeated statewide rent control. 00:20:49 --> 00:20:50: So it could happen. 00:20:50 --> 00:20:53: We could see Trump lead some of those things for 00:20:53 --> 00:20:55: the right people can get to him. 00:20:56 --> 00:20:58: Then let me just add a couple of more things 00:20:58 --> 00:21:00: and we'll go into detail on housing. 00:21:01 --> 00:21:05: We think we still are facing a \$2 trillion deficit 00:21:05 --> 00:21:05: annually. 00:21:06 --> 00:21:08: That's where we are today, 1.9 trillion. 00:21:09 --> 00:21:12: That means it's going to be very hard for interest 00:21:12 --> 00:21:13: rates to come down. 00:21:13 --> 00:21:15: We're spending a lot more than we're taking in. 00:21:16 --> 00:21:19: And the Fed has already slowed their interest rate reduction 00:21:19 --> 00:21:19: plan. 00:21:20 --> 00:21:23: Interest rates have come back down a little bit on 00:21:23 --> 00:21:24: the 10 year bond. 00:21:24 --> 00:21:27: But my guess is the feds can be very reluctant 00:21:27 --> 00:21:29: to cut rates in the face of the big spending 00:21:29 --> 00:21:32: plans that we see coming out of Washington. 00:21:32 --> 00:21:34: And that revounds around the tax cut. 00:21:34 --> 00:21:37: The tax regime we put in place 2017 during the 00:21:38 --> 00:21:39: first Trump term. 00:21:39 --> 00:21:42: He wants to extend that and expand that. 00:21:42 --> 00:21:46: So that means, again, bigger deficits that we even have 00:21:46 --> 00:21:46: now. 00:21:46 --> 00:21:48: We don't know if we'll be successful or not at

We'll see what happens.

00:20:04 --> 00:20:05:

00:21:48 --> 00:21:51: that, but there are a couple of positive things. 00:21:51 --> 00:21:54: They're going to raise the state and local income tax 00:21:54 --> 00:21:55: deduction cap. 00:21:55 --> 00:21:58: Right now you can't deduct more than \$10,000 of these 00:21:58 --> 00:22:01: taxes against your income, but that's going to be at 00:22:01 --> 00:22:03: least talking about raising that. 00:22:04 --> 00:22:07: The other things I'll just talk about, we see everyday 00:22:07 --> 00:22:12: something new, how we're breaking alliances, we're supporting other things 00:22:12 --> 00:22:14: that are surprising to everybody. 00:22:14 --> 00:22:15: So we don't know. 00:22:15 --> 00:22:18: Every day I wake up, it's something exciting. 00:22:18 --> 00:22:20: I don't know if I call it exciting, but unusual 00:22:20 --> 00:22:21: happens. 00:22:22 --> 00:22:23: So let's talk about where we are. 00:22:24 --> 00:22:25: And Adam and I are going to try to give 00:22:26 --> 00:22:28: you some view of what this means for the different 00:22:28 --> 00:22:29: aspects of the housing market. 00:22:30 --> 00:22:34: The economy going into this era has been quite strong. 00:22:34 --> 00:22:39: We've had 160,000 jobs per month created this last year. 00:22:39 --> 00:22:42: Unemployment rate is at a four point 1% level, very 00:22:42 --> 00:22:42: low. 00:22:43 --> 00:22:45: And we've had pretty good GDP growth. 00:22:45 --> 00:22:48: We only have through the fourth quarter, but 2 1/2 00:22:48 --> 00:22:49: percent annual rate. 00:22:49 --> 00:22:51: So the economy has been really good. 00:22:51 --> 00:22:52: Inflation has come down. 00:22:53 --> 00:22:56: We're still in the 3% plus range on inflation, but 00:22:56 --> 00:22:59: that's down from at the peak at two years ago 00:22:59 --> 00:22:59: of 9%. 00:22:59 --> 00:23:01: So that that's a big positive. 00:23:02 --> 00:23:04: But the question is, will the new plans that have 00:23:04 --> 00:23:07: come out of Washington, are they inflationary and how much 00:23:07 --> 00:23:08: inflation? 00:23:08 --> 00:23:10: I think the Fed is going to be on hold 00:23:10 --> 00:23:11: for a while. 00:23:11 --> 00:23:13: They've cut rates three times. 00:23:13 --> 00:23:15: We're going to wait and see. 00:23:15 --> 00:23:17: I think they're going to wait and see what comes 00:23:17 --> 00:23:19: out of the fiscal policy area. 00:23:19 --> 00:23:22: But I think my worry is the long bond, the 00:23:22 --> 00:23:26: 10 year bond, which determines mortgage rates will go up,

00:23:26 --> 00:23:26: not down. 00:23:27 --> 00:23:29: Now as many of you know, in the last week 00:23:29 --> 00:23:31: it's come down dramatically. 00:23:31 --> 00:23:35: It was 4.82 weeks ago, it's down to 4.3 today. 00:23:35 --> 00:23:38: So maybe I'm wrong, maybe it'll keep on coming down, 00:23:38 --> 00:23:40: but I think the risk is on the other side. 00:23:41 --> 00:23:44: So those of you who can hedge and take advantage 00:23:44 --> 00:23:47: of this drop, we've seen, I would do that as 00:23:47 --> 00:23:48: fast as I can. 00:23:49 --> 00:23:52: So now what's going to happen? 00:23:52 --> 00:23:55: So many of you know, economists never like to give 00:23:55 --> 00:23:56: you one scenario. 00:23:57 --> 00:23:58: We'd like to hedge our bets. 00:23:58 --> 00:24:02: So the base case which we're thinking about is growth 00:24:02 --> 00:24:05: slows a little bit, but we still add 1.9 million 00:24:05 --> 00:24:06: jobs. 00:24:06 --> 00:24:09: We have the short term interest rate coming down a 00:24:09 --> 00:24:13: little bit more to 4%, but we think the long 00:24:13 --> 00:24:16: bond goes up over 5% and inflation instead of being 00:24:16 --> 00:24:20: 2 1/2 percent where it is today, actually accelerates the 00:24:20 --> 00:24:21: 3 1/2 percent. 00:24:21 --> 00:24:25: That's because of the tariffs, because of the shortage of Labor as we push people out of the country. 00:24:25 --> 00:24:27: 00:24:28 --> 00:24:29: And I think that's our base case. 00:24:30 --> 00:24:33: And then the bull case is Trump gets lucky, inflation 00:24:34 --> 00:24:35: doesn't come back up. 00:24:35 --> 00:24:39: Interest rates can remain low about where they are now 00:24:39 --> 00:24:42: and the short rate goes lower and we have stronger 00:24:42 --> 00:24:42: growth. 00:24:43 --> 00:24:45: And then the bear case is feeling that way. 00:24:45 --> 00:24:48: The last three or four days, things don't go so 00:24:48 --> 00:24:52: well that he creates chaos and he's got the agent 00:24:52 --> 00:24:53: of chaos, Elon Musk. 00:24:54 --> 00:24:57: You ever watch these programs with the Joker? 00:24:57 --> 00:25:00: Feels like the Joker, It really does. 00:25:01 --> 00:25:02: And we get a recession. 00:25:03 --> 00:25:05: But Adam, maybe you want to comment on this stuff? 00:25:05 --> 00:25:08: The question that troubles so many of us is, you 00:25:08 --> 00:25:11: know, the the first few slides suggest all kinds of 00:25:11 --> 00:25:13: reasons for uncertainty. 00:25:13 --> 00:25:15: Markets hate uncertainty. 00:25:15 --> 00:25:18: In real estate, we were pricing well into the future.

00:25:18 --> 00:25:21: I think the market is somewhere between the bull and 00:25:22 --> 00:25:22: the base case. 00:25:23 --> 00:25:28: Why is the uncertainty not pushing, you know, more energy 00:25:28 --> 00:25:33: into paralysis, which is what we often see at times 00:25:33 --> 00:25:35: of such uncertainty? 00:25:35 --> 00:25:38: I I think this is such a stark change from 00:25:38 --> 00:25:41: the way we've run policy ever, even compared to the 00:25:41 --> 00:25:42: first Trump term. 00:25:42 --> 00:25:43: What's going on? 00:25:43 --> 00:25:46: And the people who is appointed are outside of the 00:25:46 --> 00:25:46: norm. 00:25:46 --> 00:25:52: We've seen we're allied with Russia now divide the world. 00:25:52 --> 00:25:54: I mean, this is so outside of the norm. 00:25:54 --> 00:25:58: And yet we have hope because he is a business 00:25:58 --> 00:26:01: person and he's very alive and new ideas all the 00:26:01 --> 00:26:02: time. 00:26:02 --> 00:26:04: But I think we're holding our breath. 00:26:04 --> 00:26:05: Everyone's holding their breath. 00:26:05 --> 00:26:08: The stock market the last week is feeling very scared. 00:26:08 --> 00:26:09: But we don't know yet. 00:26:09 --> 00:26:13: So the uncertainty bigger than ever, which is the reason 00:26:13 --> 00:26:15: that those of us in the housing business, if we 00:26:15 --> 00:26:18: do get a break in rates like we're seeing, take 00:26:18 --> 00:26:21: advantage of it, lock in your money or hedge. 00:26:22 --> 00:26:24: I know we'll come back to rates, but Mr. 00:26:24 --> 00:26:27: English I thought made a a good point that, you 00:26:27 --> 00:26:30: know, our, our lives in many respects are so local. 00:26:31 --> 00:26:36: Are people operating, you know, locally in their real estate 00:26:36 --> 00:26:38: markets missing something to be? 00:26:39 --> 00:26:41: Well, we're going to, as you know, we're going to 00:26:41 --> 00:26:42: talk about the local markets. 00:26:42 --> 00:26:45: We've got in the housing area, some places that just 00:26:45 --> 00:26:48: build too much relative to job growth and immigration and 00:26:49 --> 00:26:51: other areas where we have shortages. 00:26:51 --> 00:26:53: So we'll talk about that, that that is very different. 00:26:54 --> 00:26:55: It's not a national scenario. 00:26:56 --> 00:26:58: But I do want to say that we think that 00:26:58 --> 00:27:02: investing in 2025 in existing assets may be the most 00:27:02 --> 00:27:05: interesting time period since the early 90s. 00:27:05 --> 00:27:10: You can buy today multifamily projects in many areas existing 00:27:10 --> 00:27:14: assets at 15 to 20% lower than replacement cost.

00:27:14> 00:27:18:	That doesn't happen very much and I think that is
00:27:19> 00:27:24:	effective Cap rates going up, construction costs have not
	come
00:27:24> 00:27:24:	down much.
00:27:25> 00:27:27:	So I think it could be pretty interesting if we
00:27:27> 00:27:30:	see capitulation by sellers and debt holders.
00:27:31> 00:27:35:	Cap rates today are 100 to 200 basis points higher
00:27:35> 00:27:36:	than they were in 2022.
00:27:37> 00:27:40:	So that makes me excited because one thing that could
00:27:41> 00:27:44:	happen over the longer term may be cap rate compression,
00:27:44> 00:27:48:	which is make money from just the change in valuation.
00:27:48> 00:27:52:	I think property supply demand fundamentals in housing will
	get
00:27:52> 00:27:55:	better and better as we move to the next two
00:27:55> 00:27:58:	years because we've been in a very unusual situation where
00:27:58> 00:28:00:	we built too much in a number of markets.
00:28:01> 00:28:05:	I may even, you know, relabel your headline patients leaning
00:28:05> 00:28:06:	into optimism.
00:28:07> 00:28:09:	You know, one of the things and I'll I'll help
00:28:09> 00:28:12:	myself as a non economist, one of the things that
00:28:12> 00:28:15:	we've observed is patience wears thin and people want to
00:28:15> 00:28:16:	do something.
00:28:16> 00:28:19:	And I think that's the, that's that, that that's in
00:28:19> 00:28:21:	the ether at the moment.
00:28:21> 00:28:24:	I I feel it in the room, impatience ready to
00:28:24> 00:28:28:	get on with it, but cost of construction loans are
00:28:29> 00:28:29:	still high.
00:28:30> 00:28:32:	Construction cost really haven't come down.
	•
00:28:32> 00:28:37:	New production of multifamily is slowing dramatically in many markets.
00:28:38> 00:28:40:	Single family, we are already at a very low level,
00:28:40> 00:28:43:	about 4.1 million that's way below where we have been.
00:28:45> 00:28:49:	And for sale housing, again we're building about a million
00:28:50> 00:28:50:	per year.
00:28:51> 00:28:52:	That's about where we've been.
00:28:52> 00:28:54:	So I think people are impatient.
00:28:54> 00:28:55:	They want to put money out.
00:28:55> 00:28:57:	There is more debt money today.
00:28:58> 00:29:00:	I was at a recent ULI conference in New York
00:29:00> 00:29:03:	in December at Capital Markets Conference and almost
	every lender
00:29:03> 00:29:06:	wants to put out more money than they did last
00:29:06> 00:29:07:	year, maybe twice as much.

00:29:07> 00:29:10:	So there's more money available, spreads of compressed, but the
00:29:11> 00:29:13:	rates are still high and that's really is the issue.
00:29:14> 00:29:16:	So let's go briefly through economics.
00:29:16> 00:29:21:	Just go, we've added 26,000,000 jobs since the bottom of
00:29:21> 00:29:25:	the recession and that's a lot of new jobs.
00:29:25> 00:29:28:	So we lost them during the Great Recession caused by
00:29:28> 00:29:29:	COVID.
00:29:29> 00:29:32:	We were almost 6,000,000 above where we were.
00:29:32> 00:29:35:	So jobs are looking good on a national basis.
00:29:35> 00:29:37:	And the box on the right hand side shows you
00:29:37> 00:29:38:	month to month.
00:29:38> 00:29:40:	The last three months been pretty strong.
00:29:41> 00:29:43:	We haven't seen the first Trump month yet.
00:29:43> 00:29:45:	That will come a week from Friday.
00:29:47> 00:29:50:	Unemployment rate to get orange line is 4.1%.
00:29:50> 00:29:52:	That's full employment by any measure.
00:29:54> 00:29:57:	And again, it prepares where you are in the country.
00:29:57> 00:29:59:	As you know, you Ally spends a lot of time
00:29:59> 00:30:00:	with our local councils.
00:30:01> 00:30:04:	We have a lot of differentiation, a lot of growth
00:30:04> 00:30:06:	still in terms of jobs.
00:30:06> 00:30:08:	This is year over year and it shows you the
00:30:08> 00:30:11:	the strength we've had in many of our Sunbelt locations
00:30:11> 00:30:13:	in terms of job creation.
00:30:14> 00:30:17:	And we still see a number of older metropolitan areas
00:30:17> 00:30:21:	lower job creation, but job creation every year is still
00:30:21> 00:30:21:	happening.
00:30:22> 00:30:25:	And that is really the key demand side.
00:30:25> 00:30:28:	We could overbuild, we could have vacancy rates go up,
00:30:28> 00:30:29:	we could have rents go down.
00:30:30> 00:30:33:	But when you have job creation, eventually things turned out
00:30:33> 00:30:33:	positive.
00:30:34> 00:30:37:	And again, the what I would call the Sunbelt, which
00:30:37> 00:30:41:	would be the mountain States and the Southeast and Southwest
00:30:41> 00:30:43:	have a lot of job creation.
00:30:43> 00:30:46:	A few cities on the slide there that made surprise
00:30:46> 00:30:46:	you.
00:30:46> 00:30:49:	New York is doing pretty well in terms of job
00:30:49> 00:30:50:	creation.
00:30:50> 00:30:53:	Philadelphia is doing pretty well in job creation.

00:30:53> 00:30:56:	So that is a little bit unusual and some places
00:30:57> 00:31:00:	that maybe we think of big job growth have actually
00:31:00> 00:31:04:	slowed down somewhat than earlier periods.
00:31:04> 00:31:07:	But let me highlight Indianapolis, Pittsburgh and Kansas City,
00:31:08> 00:31:11:	not
	historically our sexiest markets, but we'll we'll see this when
00:31:11> 00:31:12:	you get to some of them.
00:31:13> 00:31:16:	The housing index data as well that you know the
00:31:16> 00:31:19:	the growth is really taking on a pattern that's more
00:31:20> 00:31:23:	quirky than the sort of super regional pattern that we've
00:31:23> 00:31:24:	seen in the last.
00:31:25> 00:31:25:	Decade, correct.
00:31:27> 00:31:30:	One more thing to say, net in migration to the
00:31:30> 00:31:33:	US, the last two years of the Biden term went
00:31:33> 00:31:35:	up dramatically.
00:31:35> 00:31:38:	We normally get about 1.2 million people legally coming into
00:31:38> 00:31:39:	the country.
00:31:39> 00:31:40:	That's the orange line per year.
00:31:41> 00:31:44:	During COVID, in the last year of the Trump term,
00:31:44> 00:31:45:	we had a lot less.
00:31:45> 00:31:48:	And then we've had a huge number of asylum seekers
00:31:48> 00:31:48:	come in.
00:31:49> 00:31:51:	And that was, I think, one of the key things
00:31:51> 00:31:53:	in the campaign that Trump was saying we got to
00:31:53> 00:31:55:	get rid of these people, We shouldn't let them in.
00:31:56> 00:31:58:	And so we did have an extra 4 million people
00:31:58> 00:31:59:	come in.
00:31:59> 00:32:03:	It shows up in population, the strongest population growth in
00:32:03> 00:32:03:	30 years.
00:32:04> 00:32:08:	Now, if he's reversing that policy, not only stopping new
00:32:08> 00:32:11:	immigration, but obviously taking people out of the country, I
00:32:12> 00:32:15:	worried that's going to create a void of workers for
00:32:15> 00:32:16:	construction.
00:32:16> 00:32:19:	About 20% of construction workers are undocumented
	workers.
00:32:20> 00:32:22:	The same thing is true in some of the low
00:32:22> 00:32:24:	end jobs and retailing in other areas.
00:32:24> 00:32:26:	So this is a a big worry that this could
00:32:26> 00:32:30:	affect the supply of Labor and especially in our industry.
00:32:32> 00:32:34:	So let's talk about inflation.
00:32:34> 00:32:38:	That's both something that really caused the Fed to raise
00:32:38> 00:32:40:	rates during this last cycle.
00:32:41> 00:32:43:	We had a spike in inflation during COVID.
	-

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00:32:43 --> 00:32:46:
                          We got to an annual rate of 9% a few
00:32:46 --> 00:32:49:
                          months, but the average 7% in 2022.
00:32:49 --> 00:32:52:
                          We had to seen that since the late 70s and
00:32:52 --> 00:32:52:
                          early 80s.
00:32:53 --> 00:32:54:
                          You may not remember that.
00:32:54 --> 00:32:56:
                          Many of you may not even been born yet.
00:32:56 --> 00:32:58:
                          That was my early career.
00:32:59 --> 00:33:01:
                          We had a double digit inflation rate.
00:33:01 --> 00:33:02:
                          We had a 20% prime rate.
00:33:03 --> 00:33:06:
                          The world came almost to an end, but we're not
00:33:06 --> 00:33:06:
                          like that.
00:33:06 --> 00:33:10:
                          We've been for the last 40 years very low inflation
00:33:10 --> 00:33:14:
                          rates staying in the three to 4% range, sometimes 2%
00:33:14 --> 00:33:16:
                          during the Great Recession 0.
00:33:17 --> 00:33:19:
                          But right now inflation is still sticky.
00:33:19 --> 00:33:21:
                          We have labor market still strong.
00:33:22 --> 00:33:24:
                          We have wage inflation running 4% a year.
00:33:25 --> 00:33:26:
                          Service inflation is sticky.
00:33:27 --> 00:33:29:
                          And I know they they're talking about housing deflation.
00:33:30 --> 00:33:33:
                          I think except for about 1/3 of the markets, that's
00:33:33 --> 00:33:33:
                          over.
00:33:33 --> 00:33:36:
                          We have inflation in rents again and 2/3 of the
00:33:36 --> 00:33:38:
                          markets and house prices as well.
00:33:39 --> 00:33:42:
                          So this idea that housing is going to be deflationary
00:33:42 --> 00:33:45:
                          in a few markets, that's true, But generally, it's not
00:33:45 --> 00:33:46:
                          true.
00:33:47 --> 00:33:52:
                          Again, wages up 4% a year and construction cost, You
00:33:52 --> 00:33:53:
                          all know this.
00:33:53 --> 00:33:56:
                          We had a surge during the COVID area, almost a
00:33:56 --> 00:33:58:
                          30% increase in construction cost.
00:33:59 --> 00:34:00:
                          They haven't come down much.
00:34:01 --> 00:34:02:
                          They never come down much.
00:34:02 --> 00:34:06:
                          During the Great Recession of 2007, eight and nine, they
00:34:06 --> 00:34:07:
                          went down about 15%.
00:34:07 --> 00:34:11:
                          This time you might see 10/5 or 10% maybe no
00:34:11 --> 00:34:13:
                          decline depending where you are.
00:34:14 --> 00:34:18:
                          So we've got this elevated construction cost, which means in
00:34:18 --> 00:34:21:
                          order to make a building work as an investment, you
00:34:21 --> 00:34:24:
                          need rents that are going to be higher and maybe
00:34:24 --> 00:34:26:
                          20 or 30% higher.
00:34:26 --> 00:34:28:
                          And that is really the key problem.
00:34:29 --> 00:34:31:
                          Construction cost just don't come down.
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00.04.04 > 00.04.04.	Come falles in this was as bound and a little hit
00:34:31> 00:34:34: 00:34:34> 00:34:36:	Some folks in this room have had a little bit more relief than the macro data here.
00:34:36> 00:34:38:	
	It begins to show but but the much hope
00:34:38> 00:34:40:	for reset seems to have passed us.
00:34:41> 00:34:42:	I think that's correct.
00:34:43> 00:34:45:	Lastly, how does the consumer feel?
00:34:46> 00:34:50:	Well, the consumer felt a little good after the Trump
00:34:50> 00:34:54:	election, a couple of months last month, consumer confidence fell.
00:34:56> 00:34:58:	People are upset about what they see and I think
00:34:58> 00:35:01:	that it's still too early to know what people are
00:35:01> 00:35:04:	going to, what's going to actually happen.
00:35:04> 00:35:07:	But consumer confidence has got a little bit weaker recently.
00:35:08> 00:35:11:	High income people though feel really good.
00:35:11> 00:35:14:	The stock market correction hasn't yet set in and low
00:35:14> 00:35:17:	and middle income households feel that's good.
00:35:17> 00:35:18:	They're running out of cash.
00:35:20> 00:35:23:	So now let me let's talk about what matters before
00:35:23> 00:35:25:	we get to demographics interest rates.
00:35:25> 00:35:28:	So the orange line is the 10 year treasury.
00:35:29> 00:35:31:	The 10 year treasury, look at it back over time,
00:35:31> 00:35:33:	it averaged over the long run about 5%.
00:35:34> 00:35:37:	And then during the Great Recession we got much lower
00:35:37> 00:35:38:	rates.
00:35:38> 00:35:41:	We got rates that were 62 basis points at the
00:35:41> 00:35:42:	bottom.
00:35:42> 00:35:44:	That's the, I'm sorry, the yellow line.
00:35:45> 00:35:47:	The orange line is the three month bill.
00:35:47> 00:35:50:	the Fed cut rates to 0 for almost five years.
00:35:51> 00:35:54:	So rates in the last 30 years have been very
00:35:54> 00:35:55:	low compared to history.
00:35:56> 00:35:57:	Now we're back up.
00:35:57> 00:36:00:	Today, the 10 year bond is 431.
00:36:00> 00:36:02:	So it's come down a little bit over the last
00:36:02> 00:36:03:	couple of days.
00:36:03> 00:36:05:	And the short rates about the same.
00:36:05> 00:36:09:	So this is Al think of normal environment, but people
00:36:10> 00:36:13:	still remember how low rates were over the last 20
00:36:14> 00:36:18:	years and especially 2010 through 18 and also during
	COVID.
00:36:19> 00:36:21:	Everyone's still hoping rates are going to come down a
00:36:21> 00:36:21:	lot.

00:36:22> 00:36:25:	I think it's a false hope because the big bunch
00:36:25> 00:36:27:	of deficits, inflation is endemic.
00:36:28> 00:36:29:	It's not going to be 2%.
00:36:29> 00:36:31:	It's going to be, we think, 3 to 4%, which
00:36:31> 00:36:34:	means it's very hard to get rates anywhere near as
00:36:34> 00:36:37:	low as they were during the last cycle.
00:36:38> 00:36:41:	And the Treasury bond and Treasury bill rate was inverted.
00:36:41> 00:36:45:	That is, the Treasury bill rate was above the bond
00:36:45> 00:36:47:	rate for the last two years.
00:36:47> 00:36:52:	Inverted deal curves always happen during these tightening cycles.
00:36:52> 00:36:55:	But this time we did not get the recession, but
00:36:55> 00:36:57:	now we have a basically a flat yield curve.
00:36:57> 00:36:59:	So it's much more normal at the moment.
00:37:01> 00:37:03:	And what's going to happen going forward?
00:37:04> 00:37:07:	Well, the Fed tells us every quarter and you can
00:37:07> 00:37:11:	see the dots are each Federal Reserve Board governor, there's
00:37:11> 00:37:15:	12 districts and heads as well and they're talking about
00:37:15> 00:37:18:	rates moving down to 3% over the long run.
00:37:19> 00:37:21:	Remember the four and a quarter today, so not very
00:37:21> 00:37:23:	much the blue curve is the market.
00:37:24> 00:37:26:	The market expects rates to just drop a little bit
00:37:26> 00:37:27:	more to 4%.
00:37:27> 00:37:30:	So I know many in the audience would like to
00:37:30> 00:37:33:	have them go back a lot lower, but they're not
00:37:33> 00:37:34:	likely to happen.
00:37:35> 00:37:38:	Finally, the balance sheet, the Fed has expanded its balance
00:37:38> 00:37:41:	sheet, pushed a lot of money into the system.
00:37:41> 00:37:44:	We used to have about a trillion dollar balance sheet
00:37:44> 00:37:48:	during the QE one, QEQQ, E3, the Great Recession, we
00:37:48> 00:37:50:	moved to four and a half trillion.
00:37:50> 00:37:52:	During COVID, we moved to 9 trillion.
00:37:53> 00:37:54:	The system was flushed with money.
00:37:54> 00:37:57:	That's why we didn't have a very long recession.
00:37:57> 00:37:58:	It got over very quickly.
00:37:59> 00:38:00:	We're now we're using the balance sheet.
00:38:01> 00:38:02:	It's a little over.
00:38:02> 00:38:05:	I think it's about 6.7 billion trillion.
00:38:05> 00:38:07:	I'm sorry they're reducing it, but they're going to stop
00:38:07> 00:38:08:	doing that pretty soon.
00:38:10> 00:38:12:	But the big wild card here is what's the budget
00:38:12> 00:38:13:	deficit going to look like?

00:38:14> 00:38:17:	It's about 1.9 trillion as we move from the Biden
00:38:17> 00:38:19:	regime to the Trump regime.
00:38:19> 00:38:21:	What's going to go happen going forward?
00:38:22> 00:38:26:	Is Musk going to be successful at cutting spending dramatically
00:38:26> 00:38:28:	or the tax increase is going to be bigger than
00:38:29> 00:38:29:	expected?
00:38:29> 00:38:32:	So we're thinking that still 2 to 2 1/2 trillion
00:38:32> 00:38:36:	dollars of deficit and that's never done during a full
00:38:36> 00:38:37:	employment economy.
00:38:37> 00:38:38:	It's the wrong thing to do.
00:38:38> 00:38:42:	It's about 6:00 to 7:00 to 8% of GDP, and
00:38:42> 00:38:44:	that's what causes inflation.
00:38:45> 00:38:47:	It's also causes interest rates to remain higher for longer.
00:38:48> 00:38:50:	And so finally, what is the real interest rate?
00:38:52> 00:38:54:	That is the interest rate that you pay after adjusting
00:38:54> 00:38:55:	for inflation.
00:38:55> 00:38:59:	So subtracting the inflation rate from the 10 year bond
00:38:59> 00:39:02:	today, it's actually 1.91 and that is about the long
00:39:02> 00:39:03:	run average.
00:39:03> 00:39:07:	The last decade and a half, two decades, they were
00:39:07> 00:39:08:	lower than average.
00:39:08> 00:39:11:	They averaged about 1% and that was unusual.
00:39:12> 00:39:14:	So I would say think about 2% being the number
00:39:14> 00:39:17:	you're going to have to pay in real terms for
00:39:17> 00:39:17:	your money.
00:39:19> 00:39:21:	And then finally, let me just give our our view.
00:39:22> 00:39:25:	The market thinks that the the yellow curve is the
00:39:25> 00:39:26:	forward curve.
00:39:26> 00:39:29:	The market's thinking that rates are going to stay in
00:39:29> 00:39:30:	the 4 1/4% range.
00:39:30> 00:39:32:	Our view is they go over 5.
00:39:32> 00:39:33:	That's the dotted blue line.
00:39:34> 00:39:36:	But if we get a recession, and I say if
00:39:36> 00:39:41:	it's probably likely that the policies will at first stimulate
00:39:41> 00:39:44:	the economy and then 'cause an overreaction.
00:39:44> 00:39:47:	So in the next few years we probably will get
00:39:47> 00:39:47:	one rates go down.
00:39:48> 00:39:50:	Or just a second, if you go back for a
00:39:50> 00:39:53:	second, Ken, I think our house view has been more
00:39:53> 00:39:56:	consistent with what you're, what you're showing here is the
00:39:56> 00:39:57:	base case or the forward curve.

00:39:57 --> 00:40:01: I think a lot of underwriting in the real estate 00:40:01 --> 00:40:06: industry is consistent with that for people in the room. 00:40:07 --> 00:40:10: Who are kind of trying to problematize this, you would 00:40:10 --> 00:40:14: suggest focusing on inflation and in particular the the federal 00:40:14 --> 00:40:16: deficit as the is the factor that will push us 00:40:16 --> 00:40:18: One Direction or the other. 00:40:19 --> 00:40:22: Yes, I think that we've never run these type of 00:40:22 --> 00:40:25: deficits consistently in a full employment economy. 00:40:26 --> 00:40:26: It's a mistake. 00:40:28 --> 00:40:32: Trump, remember, is a student of economics. 00:40:32 --> 00:40:33: He just doesn't care about it. 00:40:33 --> 00:40:34: He likes to borrow. 00:40:35 --> 00:40:37: His history is a real estate person more than anyone 00:40:37 --> 00:40:37: in the room. 00:40:37 --> 00:40:40: He's borrowed more than any other real estate developer and 00:40:41 --> 00:40:43: defaulted on more debt than any of you in the 00:40:43 --> 00:40:43: 00:40:44 --> 00:40:45: Hopefully you'll never have that happen to you. 00:40:46 --> 00:40:49: But he is not one of a balanced budget type 00:40:49 --> 00:40:49: guy. 00:40:50 --> 00:40:53: Now the Secretary of Treasury seems to understand this. 00:40:53 --> 00:40:55: The Chairman of the Federal Reserve Board does. 00:40:55 --> 00:40:59: So maybe they'll mitigate some of those policies, but we'll 00:40:59 --> 00:41:01: know a lot more in the next 3. 00:41:01 --> 00:41:04: Months and to play the bull again, even just a 00:41:04 --> 00:41:07: little bit of easing off of the of the level 00:41:07 --> 00:41:11: of deficit spending doesn't keep the sort of forward curve, 00:41:11 --> 00:41:15: you know, optimistic if that's what you would describe it 00:41:15 --> 00:41:16: as today. 00:41:16 --> 00:41:19: I think it could, but remember it's the global market 00:41:19 --> 00:41:21: that determines this. 00:41:21 --> 00:41:24: We get a lot of flow from overseas money and 00:41:24 --> 00:41:28: they're not feeling as good about our our policy today. 00:41:28 --> 00:41:31: Maybe Russia will lend us lots of money. 00:41:31 --> 00:41:31: It's possible. 00:41:32 --> 00:41:34: I wasn't at the a fire meeting last week in 00:41:34 --> 00:41:37: Washington, but a lot of people said the overseas sentiment 00:41:37 --> 00:41:39: on America was good, I thought. 00:41:39 --> 00:41:42: I thought the Overseas Investment Centre on the on the 00:41:42 --> 00:41:44: US would turn down. 00:41:45 --> 00:41:48: Well, it should and I think it will, but again,

00:41:48 --> 00:41:50: a lot of uncertainty. So maybe let's just close with one more thing before 00:41:52 --> 00:41:54: 00:41:55 --> 00:41:56: we go to multifamily. 00:41:56 --> 00:42:00: Single family inflation is here for a long longer term. 00:42:00 --> 00:42:03: This is a structural shift because of the aging population 00:42:03 --> 00:42:05: in the US, Europe, Japan and China. 00:42:05 --> 00:42:08: We're going to have a chronic labor shortage and and 00:42:08 --> 00:42:11: unless we allow a lot of immigration from abroad and 00:42:11 --> 00:42:14: that's going to be true through many of the developed 00:42:15 --> 00:42:15: economies. 00:42:16 --> 00:42:18: Also free trade is the thing of the past. 00:42:18 --> 00:42:22: We see our policies and other countries, we're in a 00:42:22 --> 00:42:25: trade, if not a war, certainly a battle. 00:42:26 --> 00:42:28: And that means we're not going to get the lowest 00:42:28 --> 00:42:28: cost goods. 00:42:29 --> 00:42:30: And trade is a good thing from a point of 00:42:30 --> 00:42:31: view of inflation. 00:42:31 --> 00:42:34: If we don't have free trade, it's going to cost 00:42:34 --> 00:42:35: more money to onshore those jobs. 00:42:37 --> 00:42:40: Also defense spending surge around the world. 00:42:40 --> 00:42:42: And of course, the deficits. 00:42:42 --> 00:42:44: I do have decarbonization on there. 00:42:44 --> 00:42:45: That might shift. 00:42:46 --> 00:42:50: Again, we're moving towards that under the Biden plan. 00:42:50 --> 00:42:53: Trump has said we're going to change all that, go back to fossil fuels, and that actually could lower the 00:42:53 --> 00:42:56: 00:42:57 --> 00:42:58: inflation rate near term. 00:42:59 --> 00:43:00: Defense spending too, maybe. 00:43:00 --> 00:43:01: We'll see. 00:43:01 --> 00:43:05: Yeah, maybe we'll have alliance with Russia. 00:43:06 --> 00:43:07: I don't think so. 00:43:07 --> 00:43:09: Anyway, let's get to real estate. 00:43:10 --> 00:43:13: So our view, we have a a cycle clock, where 00:43:13 --> 00:43:15: are the housing components of it? 00:43:16 --> 00:43:19: So first of all, CBD coastal apartments East and West 00:43:20 --> 00:43:21: Coast are improving. 00:43:21 --> 00:43:24: They have rent growth again in many, many markets. 00:43:24 --> 00:43:27: The B&C class apartments are doing better than the A 00:43:27 --> 00:43:31: apartments because the overbuilding has been in the Sunbelt and 00:43:31 --> 00:43:32: Mountain states. 00:43:33 --> 00:43:37: And so I think that housing is doing relatively well

00:43:37> 00:43:41:	compared to other real estate classes office, you all know
00:43:41> 00:43:46:	excess vacancy rate, again life science, all these different sectors.
00:43:46> 00:43:49:	So other than data centers, housing is the place to
00:43:49> 00:43:49:	put your money.
00:43:50> 00:43:53:	Now data centers, we won't even discuss that at this
00:43:53> 00:43:54:	event.
00:43:55> 00:43:57:	So let's talk about what we see happening.
00:43:58> 00:44:00:	We have overbuilt Sunbelt and mountain states.
00:44:00> 00:44:03:	Oversupply in a number of markets will show you that
00:44:03> 00:44:05:	the coastal markets are improving.
00:44:05> 00:44:08:	A lot less people are moving out of apartments into
00:44:08> 00:44:11:	for sale housing because of the high interest rates and
00:44:12> 00:44:15:	single family rental is doing pretty well again because of
00:44:15> 00:44:17:	the high interest rates makes it better.
00:44:18> 00:44:21:	But we are seeing a lot of less new construction
00:44:21> 00:44:25:	starts for a multifamily, high construction cost, lack of financing
00:44:25> 00:44:26:	and excess supply.
00:44:28> 00:44:31:	We are seeing also a surge in property insurance cost
00:44:31> 00:44:34:	in Florida and California is about to has already seen
00:44:34> 00:44:34:	it.
00:44:34> 00:44:36:	We'll see a lot more because of the wildfires.
00:44:36> 00:44:40:	So that's a problem for the apartment sector.
00:44:42> 00:44:45:	We have as you know about third, a little over
00:44:45> 00:44:47:	a third of the country of renters.
00:44:47> 00:44:51:	We forget that a third of our population rents and
00:44:51> 00:44:56:	the rentership rate varies dramatically averages 34% in the country.
00:44:57> 00:45:01:	In the coastal metropolitan areas, high cost areas like New
00:45:01> 00:45:06:	York and Northern California, we are much higher and then
00:45:06> 00:45:10:	a lot of our Midwestern cities much more affordable.
00:45:10> 00:45:11:	Atlanta is much more affordable.
00:45:12> 00:45:15:	Just riding in the taxi over here, someone moved from
00:45:15> 00:45:19:	Silicon Valley, San Francisco to Atlanta said it's half as
00:45:19> 00:45:22:	expensive and that roughly is what our data shows.
00:45:23> 00:45:25:	So it's definitely in a more affordable market.
00:45:26> 00:45:30:	Affordability is actually improving because rents, a lot of the
00:45:30> 00:45:33:	Sunbelt markets have actually gone down over the course of
00:45:33> 00:45:34:	the last year.
00:45:35> 00:45:39:	Again, we tracked this by market and again the rent
00:45:39> 00:45:42:	and income ratio is what we look at.
00:45:42> 00:45:45:	We also look at the mortgage to income ratio.

00:45:45 --> 00:45:49: And again the West and East Coast and Miami included 00:45:49 --> 00:45:53: have much higher ratios, much less affordable. 00:45:53 --> 00:45:56: And then we see many of the Sunbelt cities are 00:45:56 --> 00:46:01: much more affordable both for owner occupancy and for renters 00:46:01 --> 00:46:02: renter occupancy. 00:46:05 --> 00:46:07: But the big news here is a third of all 00:46:07 --> 00:46:10: young people are not living in an apartment. 00:46:11 --> 00:46:13: They're living with their parents. 00:46:13 --> 00:46:15: I can't under imagine this. 00:46:16 --> 00:46:19: I have a young son who finally moved out on 00:46:19 --> 00:46:20: his own. 00:46:20 --> 00:46:23: He wants to be out and we want him out. 00:46:24 --> 00:46:26: And I think this is a positive. 00:46:27 --> 00:46:29: There's a backlog of demand here. 00:46:29 --> 00:46:33: If we can help these young people transition to rental 00:46:33 --> 00:46:37: housing and since the Great Recession, it's risen from 27% 00:46:37 --> 00:46:38: to 3334%. 00:46:38 --> 00:46:41: So this is a backlog of demand that is a 00:46:41 --> 00:46:45: strength, strong positive for rental housing. 00:46:45 --> 00:46:48: Also, we have a lot of people look at the 00:46:48 --> 00:46:52: projections, 4.2 million people per year turning 18 over the 00:46:52 --> 00:46:56: next five years and that's the beginning of the independent 00:46:57 --> 00:46:57: living. 00:46:58 --> 00:47:02: We also look at the change in population by groups 00:47:02 --> 00:47:06: and the young group 20 to 34 grows more slowly 00:47:06 --> 00:47:09: in the next 5 years than it has last five 00:47:09 --> 00:47:10: years. 00:47:10 --> 00:47:13: But there's a bigger growth in the 35 to 44 00:47:13 --> 00:47:14: year old. 00:47:14 --> 00:47:17: Those are people who are staying in housing, rental housing 00:47:17 --> 00:47:18: for longer. 00:47:19 --> 00:47:21: And then of course, there's a lot of us who 00:47:21 --> 00:47:23: are going to be baby boomers. 00:47:23 --> 00:47:26: We're baby boomers are now going to say maybe it's 00:47:26 --> 00:47:27: time to retire. 00:47:27 --> 00:47:29: And that's where the big growth is coming. 00:47:29 --> 00:47:31: So senior housing, if you can do it. 00:47:32 --> 00:47:34: Maybe just to focus on that 35 to 44 year 00:47:34 --> 00:47:36: old group for a minute where you see a lot 00:47:36 --> 00:47:37: of growth in the next decade. 00:47:37 --> 00:47:40: I think you said earlier that we'll see a lot

00:47:40> 00:47:43:	of energy in the single family rental business and certainly
00:47:43> 00:47:46:	that kind of millennial generation in that phase of life
00:47:46> 00:47:49:	and being electric space is helping drive that.
00:47:49> 00:47:52:	Yes, and and the single family rental is really a
00:47:52> 00:47:56:	real asset class today and it provides the ability to
00:47:56> 00:47:59:	have single family like lifestyle without owning.
00:48:00> 00:48:03:	But this is probably the most important slide of all
00:48:03> 00:48:03:	the ones.
00:48:04> 00:48:07:	We have a lot of household formations that is it's
00:48:07> 00:48:12:	the baby boomers, kids forming households, either single, married, unmarried
00:48:12> 00:48:15:	together and this is likely to continue.
00:48:16> 00:48:18:	So it means that being in the housing industry in
00:48:18> 00:48:20:	real estate is where you want to be from a
00:48:20> 00:48:21:	demographic point of view.
00:48:23> 00:48:25:	And yet new production is plunging.
00:48:26> 00:48:28:	We built too much in many markets.
00:48:29> 00:48:31:	Our guess is it's going to be half in 2025
00:48:31> 00:48:34:	of what it was just two years ago.
00:48:36> 00:48:37:	And again, we look at this by market.
00:48:39> 00:48:42:	We are building a lot in the Sunbelt locations and
00:48:42> 00:48:45:	we've probably still have two years supply in places like
00:48:45> 00:48:47:	Austin and Charlotte and Phoenix.
00:48:47> 00:48:50:	Even with good demand, we've got a lot of supply
00:48:50> 00:48:53:	that's underway and yet the coastal markets like a San
00:48:54> 00:48:58:	Francisco, LA and Manhattan, Chicago, they look pretty good because
00:48:58> 00:49:01:	we're not building enough to keep pace with that demographic
00:49:01> 00:49:02:	demand.
00:49:03> 00:49:04:	Vacancy rates are up.
00:49:04> 00:49:09:	The orange line is the investment grade apartments, the new
00:49:09> 00:49:12:	stuff up to 5.7, up from a little over 2%.
00:49:12> 00:49:16:	Workforce housing, much smaller rise in vacancy rates.
00:49:16> 00:49:18:	But just to spend a minute on this, I think
00:49:18> 00:49:21:	people saw the previous slide about the trending down of
00:49:21> 00:49:22:	deliveries.
00:49:22> 00:49:27:	You know, the absorption in 2024 was really surprisingly strong,
00:49:27> 00:49:30:	I think surprising even amongst a lot of owners.
00:49:30> 00:49:33:	And so the fact that you see the the vacancy
00:49:33> 00:49:36:	turning up that little last year it wasn't the best
00:49:36> 00:49:40:	economic year and lots of new supplies, I do think

00:49:40> 00:49:43:	speaks to this really sort of positive transition that we
00:49:43> 00:49:46:	found ourselves in, in there multi.
00:49:46> 00:49:48:	Family market, I, I think we have a, a sweet
00:49:48> 00:49:51:	spot for investments the next couple of years and I
00:49:52> 00:49:54:	think the money debt money is going to be there
00:49:54> 00:49:57:	and we just have to make sure the rents pencil.
00:49:59> 00:50:03:	And this just shows you Class C apartments have actually
00:50:03> 00:50:07:	a lower vacancy rate oftentimes because those are renters by
00:50:07> 00:50:08:	necessity, no choice.
00:50:09> 00:50:12:	And vacancy rates are up, but they're not anywhere near
00:50:12> 00:50:14:	the peak they were in earlier years.
00:50:17> 00:50:21:	We had something really unusual happening during COVID, the Orange
00:50:21> 00:50:25:	Line, we had the biggest rent spike in American history,
00:50:25> 00:50:28:	10 to 1215% rent growth almost every market.
00:50:29> 00:50:32:	And I remember at a ULI meeting about two years
00:50:32> 00:50:34:	ago, everyone thought that was going to continue.
00:50:34> 00:50:38:	It was a one time event as people moved out
00:50:38> 00:50:43:	because of COVID and rent spiked dramatically.
00:50:43> 00:50:46:	Now that's over and we're having more normal environment.
00:50:47> 00:50:49:	And just to show you maybe Adam would comment on
00:50:49> 00:50:51:	this, this is most recent data.
00:50:52> 00:50:55:	Rent growth in some of the new for new tenants
00:50:55> 00:50:59:	is actually down because of many of these Sunbelt markets
00:50:59> 00:51:02:	after the big spike and trending downward also for the
00:51:03> 00:51:04:	overall market.
00:51:05> 00:51:05:	Yeah.
00:51:05> 00:51:08:	I mean, the, the new tenant data is driven by
00:51:08> 00:51:11:	markets with us a lot of supply chasing tenants.
00:51:11> 00:51:14:	I think the red line, if it's red, the all
00:51:14> 00:51:19:	tenants line speaks to I think an underappreciated phenomenon.
00:51:19> 00:51:22:	And I know we're all here thinking about housing opportunity
00:51:22> 00:51:26:	and worried about housing affordability, but there's lots of pricing
00:51:26> 00:51:28:	opportunity in the rental markets.
00:51:28> 00:51:32:	Think back to that slide on the percentage of income
00:51:32> 00:51:35:	spent on rent in some of those markets, it was
00:51:35> 00:51:36:	2021%.
00:51:36> 00:51:40:	There is untapped pricing power, which is what the market
00:51:40> 00:51:44:	tapped into that big spike in 22 and 2023.
00:51:44> 00:51:46:	And I don't think we should be surprised if we

00:51:47 --> 00:51:50: see that pricing power back more quickly than people guess 00:51:50 --> 00:51:51: it might. 00:51:51 --> 00:51:54: Be and this chart shows you there's more pricing power 00:51:54 --> 00:51:58: in in the affordable sector than you might expect. 00:51:58 --> 00:52:01: It is actually showing up green light is a Class 00:52:01 --> 00:52:02: C apartments. 00:52:02 --> 00:52:06: Class A apartments is where the oversupply is and that's 00:52:06 --> 00:52:08: the one that has been weakest. 00:52:09 --> 00:52:10: And here's the fundamentals. 00:52:10 --> 00:52:12: If you look at the far right that shows you 00:52:12 --> 00:52:13: change in effective rent. 00:52:14 --> 00:52:18: So look at the top of the market, Manhattan, Washington, 00:52:19 --> 00:52:24: Miami, Chicago, all growth in rents, the bottom place where 00:52:24 --> 00:52:29: we built too much, Austin, Dallas, Phoenix, Atlanta, we built 00:52:29 --> 00:52:30: too much. 00:52:30 --> 00:52:32: So effective rents are declining. 00:52:32 --> 00:52:34: The places we wrote off for dead a couple of 00:52:34 --> 00:52:36: years ago, back at the top. 00:52:36 --> 00:52:36: Exactly. 00:52:37 --> 00:52:38: It's the inverse of what happened. 00:52:39 --> 00:52:42: So I think that's important that the local market and 00:52:42 --> 00:52:44: many of you are specialists in your local markets. 00:52:45 --> 00:52:47: It's very different than the national trend. 00:52:48 --> 00:52:49: Washington DC. 00:52:49 --> 00:52:52: I'm worried about a lot though with if we do 00:52:52 --> 00:52:55: get this 200,000 jobs eliminated, that is going to be 00:52:55 --> 00:52:58: a real problem for the apartment market in that in 00:52:58 --> 00:52:59: that situation. 00:52:59 --> 00:53:00: The investment markets are worried about it, too. 00:53:00 --> 00:53:05: I mean, there's been a real freeze around DC. 00:53:06 --> 00:53:09: And this just shows you the five year change and 00:53:09 --> 00:53:11: you ask why do I show you the five year 00:53:11 --> 00:53:11: change? 00:53:11 --> 00:53:14: So even though the last year and a half rents 00:53:14 --> 00:53:17: have been weak in a lot of markets, over the 00:53:17 --> 00:53:17: five year. 00:53:17 --> 00:53:19: 4 1/2 year. 00:53:19 --> 00:53:21: Rents in the top 2/3 of the markets are up 00:53:22 --> 00:53:25: 20 to 40%, and that's really when people were talking about inflation. 00:53:25 --> 00:53:26: 00:53:26 --> 00:53:28: This is their biggest thing, and that's why the election 00:53:28 --> 00:53:29: turned out that way.

00:53:30> 00:53:34:	Renters faced big rent increases during COVID and they didn't
00:53:34> 00:53:37:	turn down very much as few in some markets.
00:53:37> 00:53:40:	So people feel pressed the lower third of the population.
00:53:41> 00:53:44:	That's why we had people voting the way they did.
00:53:44> 00:53:45:	They feel pressed.
00:53:46> 00:53:49:	And yes, things have evened out now, but that's not
00:53:49> 00:53:51:	enough to reverse the situation.
00:53:52> 00:53:55:	And you can see at the bottom of the market,
00:53:55> 00:53:58:	my home location rents are still below where they were
00:53:58> 00:54:00:	in 2020 in San Francisco.
00:54:00> 00:54:03:	They're still below that today, starting to go up again,
00:54:03> 00:54:04:	but still below that.
00:54:06> 00:54:09:	And again, this just shows you the investor perspective.
00:54:09> 00:54:13:	We had that big spike in return when people saw
00:54:13> 00:54:14:	rent growth.
00:54:15> 00:54:19:	We had a rent decline and overall decline in 2023
00:54:19> 00:54:23:	because of cap rate increases and we have a small
00:54:23> 00:54:26:	increment, this is neck reef data in 2024.
00:54:27> 00:54:29:	But as I do think 2025 and 26 will be
00:54:29> 00:54:33:	one of the best vintages to be buying things and
00:54:33> 00:54:36:	and eventually developing things.
00:54:36> 00:54:38:	We think it'll be back in the five to 6%
00:54:38> 00:54:40:	range in 2025 total returns.
00:54:41> 00:54:41:	Right.
00:54:43> 00:54:46:	Lastly, a couple of other sectors have time for some
00:54:46> 00:54:46:	questions.
00:54:47> 00:54:49:	Senior housing is finally back.
00:54:49> 00:54:52:	It took five years, but occupancy is back to where
00:54:52> 00:54:54:	it was before COVID.
00:54:54> 00:54:56:	It suffered dramatically during those years of COVID.
00:54:58> 00:55:01:	I really think if you look at the demographics, we
00:55:01> 00:55:04:	have a lot of seniors turning 75 to 85, might
00:55:04> 00:55:08:	want something different than that single family home they've been
00:55:08> 00:55:08:	living in.
00:55:10> 00:55:13:	We also have Bill to rent a whole new asset
00:55:13> 00:55:16:	class that began about a decade ago, but really a
00:55:16> 00:55:18:	lot of new units being built.
00:55:19> 00:55:22:	Single family, get the single family lifestyle and you rent
00:55:22> 00:55:22:	it.
00:55:23> 00:55:26:	And the vacancy rate's pretty tight here, 6%.
00:55:27> 00:55:30:	And again, the rent spike happened in the single family
	•

00:55:30> 00:55:31:	rental market as well.
00:55:32> 00:55:35:	Right now growing at 1 1/2% year over year.
00:55:37> 00:55:40:	And then finally for sale housing, many of in the
00:55:40> 00:55:43:	room do for sale housing, mortgage rates have dampened demand
00:55:43> 00:55:45:	the last year and a half.
00:55:46> 00:55:49:	Rates are coming down this last week, but we have
00:55:49> 00:55:51:	a lot of units that are for sale now.
00:55:51> 00:55:54:	So we have more listings in the Sunbelt location in
00:55:54> 00:55:55:	a long time.
00:55:55> 00:55:59:	Asking prices are being cut in the previously hot markets.
00:55:59> 00:56:03:	We're building about 1.1 million single family starts.
00:56:04> 00:56:08:	So we've big recovery from where we were in 2008,
00:56:08> 00:56:12:	nine and 10, but still a lot less than we
00:56:12> 00:56:16:	did during the boom 2003, 45 S single family.
00:56:16> 00:56:20:	It's recovering, but still the levels of production are nowhere
00:56:20> 00:56:21:	near the peak of previous periods.
00:56:23> 00:56:23:	In California.
00:56:23> 00:56:26:	We put it together an accessory dwelling unit law, which
00:56:26> 00:56:29:	allows people to put an accessory dwelling unit if they
00:56:29> 00:56:31:	have a lot that's capable of handling that.
00:56:32> 00:56:35:	We produced 22,000 the last year and a number of
00:56:35> 00:56:38:	other states are now setting up similar laws.
00:56:38> 00:56:41:	So this is a way to add supply on existing
00:56:41> 00:56:42:	land use.
00:56:42> 00:56:44:	I know if you're seeing the same thing, Adam.
00:56:44> 00:56:47:	You know, it's, I think it's a good example as
00:56:47> 00:56:51:	we start policy discussions this afternoon, change in policy really
00:56:51> 00:56:54:	can drive production of new housing, take some of the
00:56:54> 00:56:56:	pressure off of affordability.
00:56:56> 00:57:00:	The numbers maybe yet in California don't really translate that.
00:57:00> 00:57:01:	But but this is impressive.
00:57:01> 00:57:03:	I think it's real reason for optimism.
00:57:06> 00:57:10:	Resale market still very weak, way below the previous peaks.
00:57:10> 00:57:12:	And it is mortgage rates pure and simple.
00:57:14> 00:57:18:	Again, you know, about 66% of households are owners and
00:57:18> 00:57:22:	affordability, which is picking up for rental housing is getting
00:57:22> 00:57:26:	worse for home ownership because of mortgage rates and the
00:57:26> 00:57:28:	consistent 3 to 4% price inflation.
00:57:28> 00:57:32:	So home ownership is really difficult for that young 25

00:57:35 --> 00:57:36: marketplace. 00:57:37 --> 00:57:40: Mortgage rates are the key and that depends on the 00:57:40 --> 00:57:41: 10 year bond. 00:57:41 --> 00:57:44: The 10 year bond, if it comes down below 4% 00:57:45 --> 00:57:46: it will help. 00:57:46 --> 00:57:48: If it goes as we're expecting back to five, it's 00:57:49 --> 00:57:51: going to make it very difficult for people to qualify. 00:57:53 --> 00:57:55: And also we have a lock in effect. 00:57:56 --> 00:58:00: Almost half of all households today have a mortgage that's 00:58:00 --> 00:58:01: less than 4%. 00:58:01 --> 00:58:03: They do not want to give that up, they do 00:58:03 --> 00:58:04: not want to move. 00:58:05 --> 00:58:08: And so that is a lock in effect that's affecting 00:58:09 --> 00:58:11: the turnover rate for single family. 00:58:11 --> 00:58:11: Yeah. 00:58:11 --> 00:58:14: So to tie it back to that slide, that low 00:58:14 --> 00:58:17: level of transactions very much driven by the fact that 00:58:17 --> 00:58:20: it just doesn't make economic sense for people who own 00:58:20 --> 00:58:22: a home and have a mortgage to move. 00:58:23 --> 00:58:27: It's very difficult to do and the credit availability is 00:58:27 --> 00:58:29: still pretty tight for single family. 00:58:31 --> 00:58:34: Finally, the inventory of houses for sale is going up. 00:58:35 --> 00:58:37: It's hit the bottom and it's going up. 00:58:37 --> 00:58:40: It's nowhere near like it was during the 2008 nine 00:58:40 --> 00:58:42: recession, but going up. 00:58:42 --> 00:58:46: We tracked it by market, the Sunbelt in particular, the 00:58:46 --> 00:58:50: inventories of soaring in Florida, Las Vegas, Inland Empire. 00:58:51 --> 00:58:55: So now again that is changing the market dynamics and 00:58:55 --> 00:58:59: part of the reason the single family sales are not 00:58:59 --> 00:59:00: so strong. 00:59:01 --> 00:59:07: Finally, our best guest on appreciation is unlike the COVID. 00:59:07 --> 00:59:11: We had basically a 30% price increase two years, about 00:59:11 --> 00:59:16: 3% per year going forward, totally different than the 2008, 00:59:16 --> 00:59:17: 78910 recession. 00:59:18 --> 00:59:19: Warehouse prices plunged. 00:59:20 --> 00:59:22: We we might bet a little bit on the upside, 00:59:22 --> 00:59:24: 3 to 3 1/2 percent, but in a very similar 00:59:24 --> 00:59:24: range. 00:59:25 --> 00:59:28: And that's very unusual for a recession not to have 00:59:28 --> 00:59:29: that happen. 00:59:31 --> 00:59:32: So at that point I think.

to 40 year old and we're seeing that in the

00:57:32 --> 00:57:35:

00.50.00 > 00.50.00	Loren asima to book do a abancala combantan
00:59:33> 00:59:36:	I was going to just do a shameless plug for
00:59:36> 00:59:42:	the Dewilliger Center's Attainable Housing Index, which is being released
00:59:42> 00:59:43:	
	today.
00:59:43> 00:59:47:	With the data releases, the public data releases that came
00:59:47> 00:59:50:	out in December, A lot of people in the room
00:59:50> 00:59:53:	may have used this in the past.
00:59:53> 00:59:57:	It's a set of tools that give people free and
00:59:57> 00:59:59:	easy access to housing data.
01:00:00> 01:00:02:	There is an Excel based tool that people can download.
01:00:02> 01:00:04:	There's a map based tool.
01:00:04> 01:00:07:	I'm going to just share a couple of examples from
01:00:07> 01:00:07:	a today.
01:00:07> 01:00:11:	We, we continue to, to partner with the center in
01:00:11> 01:00:13:	expanding the data that's available.
01:00:13> 01:00:16:	The historical data this year is significantly enhanced.
01:00:16> 01:00:19:	And I'm going to give you just 4 snippets that
01:00:19> 01:00:22:	might tie to things you spend your afternoon on.
01:00:22> 01:00:26:	If you follow the affordable housing track this afternoon, you
01:00:26> 01:00:30:	might spend time talking about the growing cost burden in
01:00:30> 01:00:31:	housing in America.
01:00:31> 01:00:36:	This is this are screenshots from the map based tool.
01:00:36> 01:00:38:	And if you look at the 2015 map on the
01:00:38> 01:00:42:	left, this idea of markets where people's economic ability was
01:00:42> 01:00:46:	constrained by the cost of rental housing was purely a
01:00:46> 01:00:47:	coastal phenomenon.
01:00:47> 01:00:50:	And for us forward in 2023, it's in markets around
01:00:50> 01:00:51:	the United States.
01:00:52> 01:00:55:	If you look at those dark red places where 10/15/20
01:00:55> 01:00:59:	percent of the households are living and cost burden and
01:00:59> 01:01:02:	we zoom in on the Southeast markets where we never
01:01:02> 01:01:07:	would have been describing cost burden, Birmingham, you know, Wilmington
01:01:07> 01:01:11:	and actually you look at metro Atlanta right there in
01:01:11> 01:01:15:	the middle of math, not just the core markets, the
01:01:15> 01:01:18:	entire metropolitan area turning kind of red as we speak.
01:01:20> 01:01:24:	There'll be a really well moderated panel on single family
01:01:24> 01:01:29:	rental following this and you know, very different dynamics around
01:01:29> 01:01:33:	the United States, places that are more affordable to rent
01:01:33> 01:01:37:	still in light orange and yellow and places that are
01:01:37> 01:01:39:	more expensive to own in the dark Reds.
01:01:39> 01:01:42:	And again, you can sort of see it the map

01:01:42> 01:01:42:	at the right.
01:01:42> 01:01:46:	This is metropolitan Atlanta again looks at the cost to
01:01:46> 01:01:50:	own a home ownership still reflects the patterns that we
01:01:50> 01:01:54:	expect in America where a quadrant of the region is
01:01:54> 01:01:55:	very expected.
01:01:55> 01:01:59:	But look at the rental pattern deep into the suburbs.
01:01:59> 01:02:05:	This quirky pattern that's emerging in American cities of high
01:02:05> 01:02:06:	rental costs.
01:02:07> 01:02:10:	I'll just tip quickly do there's a a panel of
01:02:10> 01:02:13:	the shift in that should be really interesting on addressing
01:02:13> 01:02:17:	the racial inequality gap radically different in markets across the
01:02:17> 01:02:21:	United States and actually not what might be still conventional
01:02:21> 01:02:23:	wisdom, which is that the real problem is in places
01:02:24> 01:02:24:	like the Sunbelt.
01:02:25> 01:02:28:	The Sunbelt actually has a relatively lower gap and the
01:02:28> 01:02:31:	biggest gap we see is actually in the North and
01:02:31> 01:02:33:	in the Midwest, right?
01:02:33> 01:02:35:	So it's, it's all of our reality and and in
01:02:35> 01:02:37:	very different ways.
01:02:37> 01:02:41:	And then lastly, in the market rate track, there will
01:02:41> 01:02:45:	be a lot of discussion around the relationship of production
01:02:45> 01:02:47:	and affordability.
01:02:47> 01:02:49:	And I think these maps are interesting.
01:02:49> 01:02:52:	They show just the last three years and you can
01:02:52> 01:02:57:	see how dramatically housing production activity has moved back to
01:02:57> 01:03:00:	the suburb, not just the suburbs, but really the suburban
01:03:01> 01:03:01:	fringe.
01:03:01> 01:03:05:	Austin, Charlotte and Atlanta here, you know, and look at
01:03:05> 01:03:10:	those dark counties or rather census tracts in Atlanta pushing
01:03:10> 01:03:12:	out almost to Athens on the East.
01:03:13> 01:03:16:	You know, just as an example of the pressures in
01:03:16> 01:03:19:	terms of growth pattern that our regions are under.
01:03:19> 01:03:21:	We're we're cutting into people's break time.
01:03:21> 01:03:24:	But let's, let's take a few minutes and have some
01:03:24> 01:03:27:	questions if we could, maybe we'll take 5 minutes and
01:03:27> 01:03:28:	there's some microphones set up.
01:03:28> 01:03:33:	If people want to come to the microphone, we'll take
01:03:33> 01:03:35:	one on the left.
01:03:35> 01:03:41:	Yeah, you mentioned that there's some possibility for good purchases

01:03:41> 01:03:43:	of existing assets coming.
01:03:43> 01:03:46:	Do you see it like a compression of the cap
01:03:46> 01:03:47:	rates currently?
01:03:47> 01:03:50:	Are there more troubled multifamily assets that are sort of
01:03:50> 01:03:52:	on the fringe from the overbuild periods?
01:03:53> 01:03:57:	You know, I, I think we wouldn't describe this as
01:03:57> 01:03:59:	distressed investing by any means.
01:03:59> 01:04:02:	And if anything, the amount of distress that has translated
01:04:02> 01:04:05:	an opportunity has been less than we'd expected.
01:04:06> 01:04:09:	I think really what people are buying is assets that
01:04:09> 01:04:13:	would be more difficult or more expensive to build today
01:04:13> 01:04:16:	than they are to buy and places which even with
01:04:16> 01:04:21:	negative leverage, we can underwrite enough rent growth to
	to
01:04:21> 01:04:23:	make that economically viable.
01:04:23> 01:04:25:	And you know, I think there are opportunities they're, they're
01:04:25> 01:04:26:	not easy to underwrite.
01:04:26> 01:04:30:	I think that's the thing that's been curiously persistent.
01:04:30> 01:04:33:	It's hard to underwrite the relative rent growth, but but
01:04:33> 01:04:38:	the transaction activity, just even when the first quarter data
01:04:38> 01:04:41:	comes out, I think people will be surprised at how
01:04:41> 01:04:44:	active the markets are right now on this side.
01:04:44> 01:04:48:	Yeah, just really quickly I was struck by going through
01:04:48> 01:04:50:	all your slides, how so many of them depend on
01:04:50> 01:04:54:	databases from the Bureau of Labor Statistics and US Census
01:04:54> 01:04:55:	Bureau.
01:04:56> 01:04:57:	So are you worried?
01:04:57> 01:05:01:	That recent news that the government is, they say, destroying
01:05:01> 01:05:05:	days of databases, taking them offline, getting rid of government
01:05:05> 01:05:08:	websites that researchers and collaborators depend on.
01:05:09> 01:05:10:	That's a good question.
01:05:10> 01:05:10:	I can't.
01:05:10> 01:05:11:	Quite hear it.
01:05:11> 01:05:11:	So what's that?
01:05:11> 01:05:12:	I didn't.
01:05:12> 01:05:12:	Hear the question.
01:05:12> 01:05:16:	Oh, the question is about is the availability of data
01:05:16> 01:05:19:	itself, which is a product of the federal government at
01:05:19> 01:05:19:	risk.
01:05:20> 01:05:21:	I, I worry about it.

01:05:22> 01:05:25:	I, I continue to think that these are tools that
01:05:25> 01:05:29:	people in the business community, including those who use
	every
01:05:29> 01:05:32:	day and they're such long investments, right?
01:05:32> 01:05:35:	I mean, the Census Bureau has been interested in this
01:05:35> 01:05:38:	tremendous period of evolution and, and what has been
04.05.20 > 04.05.20.	offered is richer and richer.
01:05:38> 01:05:39: 01:05:40> 01:05:42:	
01:05:42> 01:05:45:	I I would hate to imagine we give up on that, but like everything else, it's sensitive to the pressure.
01:05:45> 01:05:48:	I really worry that the the cuts that are being
01:05:48> 01:05:52:	proposed at HUD and FHA, and of course the Census
01:05:52> 01:05:55:	
	Bureau as well, could make us fly more blindly.
01:05:56> 01:05:59:	Also, people are not answering the surveys anywhere near as
01:05:59> 01:06:00:	well as they did in the past.
01:06:00> 01:06:03:	So we may have less good information and maybe it's
01:06:03> 01:06:06:	going to depend on ULI and the private sector to
01:06:06> 01:06:07:	take over some of that stuff.
01:06:08> 01:06:11:	Yeah, there is also pressure around some of the private
01:06:11> 01:06:15:	data sources that have been helpful to the industry.
01:06:15> 01:06:19:	A longer discussion, but maybe for another time, maybe one
01:06:19> 01:06:19:	more.
01:06:19> 01:06:22:	And then, Rosie, we should tell people what's next.
01:06:22> 01:06:24:	I think the last one in the middle and then
01:06:24> 01:06:26:	we'll give folks a few minutes of break, please.
01:06:27> 01:06:28:	Hi, my name is Isabel Prieto.
01:06:28> 01:06:30:	I'm a junior at Georgia State University.
01:06:30> 01:06:36:	And I'm exploring the integration of AI and blockchain possibilities
01:06:36> 01:06:40:	and commercial real estate and with the rising cost of
01:06:40> 01:06:45:	construction that presents opportunities for new technology.
01:06:45> 01:06:48:	And I wanted to know if you could provide any
01:06:48> 01:06:53:	insights on distributed Ledger technology and blockchain technology for getting
01:06:53> 01:06:55:	construction materials.
01:06:56> 01:06:56:	Good, good question.
01:06:56> 01:06:58:	Thanks and nice to have students here.
01:06:58> 01:07:02:	The question was about whether we really see AI, blockchain,
01:07:02> 01:07:06:	other types of technology, you know, maybe making progress against
01:07:06> 01:07:08:	the stubbornness of housing costs.
01:07:09> 01:07:09:	Can you have a?

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01:07:11 --> 01:07:13:
                          So I've been doing housing research for 45 years.
01:07:13 --> 01:07:16:
                          I started at the MIT, Harvard Joint Center for Urban
01:07:17 --> 01:07:17:
                          Studies.
01:07:17 --> 01:07:19:
                          They've turned out a lot of projects.
01:07:19 --> 01:07:23:
                          There's always that hope that we would be able to
01:07:23 --> 01:07:25:
                          do that with all different things.
01:07:25 --> 01:07:28:
                          Hasn't happened yet, but I'm hopeful.
01:07:28 --> 01:07:30:
                          We have manufactured housing.
01:07:30 --> 01:07:34:
                          We have some really big plans that are happening where
01:07:34 --> 01:07:37:
                          you can produce factory built housing for maybe a 25%
01:07:37 --> 01:07:40:
                          lower than actually on site housing.
01:07:40 --> 01:07:43:
                          Al I'm not sure about many of you have used
01:07:43 --> 01:07:45:
                          Copilot or some of the other tools.
01:07:46 --> 01:07:49:
                          I think there's more hype than reality, but I hope
01:07:49 --> 01:07:49:
                          I'm wrong.
01:07:50 --> 01:07:53:
                          I hope that maybe we can get the breakthrough, but
01:07:53 --> 01:07:55:
                          unfortunately it's materials and labor.
01:07:55 --> 01:07:57:
                          Those are really tough things.
01:07:57 --> 01:08:00:
                          We can however affect land and I think that is
01:08:00 --> 01:08:02:
                          what's so exciting about California.
01:08:03 --> 01:08:06:
                          We've had a number of legislations that have allowed AD
01:08:06 --> 01:08:07:
                          us to be built.
01:08:07 --> 01:08:11:
                          We're now eliminating this strict single family zoning so we
01:08:11 --> 01:08:15:
                          could build fourplexes, triplexes and I think that is probably
01:08:15 --> 01:08:19:
                          the way we could attack housing cost more because land
01:08:19 --> 01:08:22:
                          is between 20 and 50% of the cost of building
01:08:22 --> 01:08:23:
                          a unit.
01:08:23 --> 01:08:25:
                          So we can attack the land cost probably better than
01:08:25 --> 01:08:28:
                          the other, easier than the other components, yes.
01:08:29 --> 01:08:29:
                          Thank you so much.
01:08:29 --> 01:08:33:
                          I'm also optimistic in 30 years in this business, I
01:08:33 --> 01:08:36:
                          haven't seen as much focus and urgency around kind of
01:08:36 --> 01:08:39:
                          can we actually innovate and get it done.
01:08:40 --> 01:08:43:
                          And so I think there's there's a reason to imagine
01:08:43 --> 01:08:46:
                          that these technologies in particular and just with sort of
01:08:46 --> 01:08:48:
                          a level of focus on it that we really may
01:08:48 --> 01:08:49:
                          see some.
01:08:49 --> 01:08:49:
                          Yeah.
01:08:49 --> 01:08:51:
                          And you and I has been a leader, yeah, in
01:08:51 --> 01:08:51:
                          all this stuff.
01:08:51 --> 01:08:54:
                          We thank you for doing that because it is really
01:08:54 --> 01:08:58:
                          critical that we get our congressmen and senators and local
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01:08:58> 01:09:02:	representatives and maybe even the president to focus on this.
01:09:02> 01:09:05:	It's 1/3 of people's expenditures.
01:09:05> 01:09:06:	It is everything.
01:09:06> 01:09:09:	If you get this right, it really helps a lot.
01:09:10> 01:09:11:	A perfect note to end on.
01:09:12> 01:09:13:	Thank you, Rosie.
01:09:19> 01:09:20:	Thank you, Ken and Adam.
01:09:20> 01:09:21:	That was fantastic.
01:09:21> 01:09:23:	I hope everybody enjoyed it.
01:09:23> 01:09:26:	Thank you, Courtney, for your welcome to Atlanta and Angela
01:09:26> 01:09:29:	for your leadership and of course, Ron for your dedication
01:09:29> 01:09:30:	to the Tuiliger Center.
01:09:30> 01:09:33:	There's a break right now and then we will go
01:09:33> 01:09:34:	into breakout sessions.
01:09:34> 01:09:38:	So in Ballroom A, we'll have homeless to house in
01:09:38> 01:09:44:	Ballroom B, the evolving single family rental landscape in Ballroom
01:09:44> 01:09:48:	C, policy innovations in Ballroom D capital markets.
01:09:49> 01:09:52:	There'll be a break after those breakout sessions and then
01:09:52> 01:09:55:	another set of concurrent sessions before we have a networking
01:09:55> 01:09:56:	reception.
01:09:56> 01:09:57:	So enjoy the rest of your day.
01:09:57> 01:09:58:	Thank you.

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