

Webinar

ULI Toronto: Affordable Housing in the GTA ??? Day 3: Demand Side: Supply And Demand

Date: November 23, 2022

| 00:00:08> 00:00:12: | Good afternoon. As people start trickling in, we're going to |
|---------------------|---|
| 00:00:12> 00:00:17: | quickly run our spring meeting 2023 conference video in hopes |
| 00:00:17> 00:00:19: | that you'll be interested in this. |
| 00:02:36> 00:02:41: | Good afternoon. Uli prepares to welcome 4000 international experts from |
| 00:02:41> 00:02:44: | across the real estate and land use industries to Toronto |
| 00:02:45> 00:02:47: | Next May 16th to 18th. This is your chance to |
| 00:02:47> 00:02:49: | make a valuable connections. |
| 00:02:49> 00:02:53: | To the international real estate and development market listened on |
| 00:02:53> 00:02:57: | paralleled speakers and join our exclusives tours to learn more |
| 00:02:57> 00:03:00: | about the UI2023 spring meeting. The link you can see |
| 00:03:00> 00:03:02: | has now been put into the chat. |
| 00:03:04> 00:03:06: | We also would like to just flag that this is |
| 00:03:06> 00:03:09: | a great time to become a member of your life |
| 00:03:09> 00:03:12: | if you're not already, and if you are already, to |
| 00:03:12> 00:03:15: | use your membership to its fullest. There's a number of |
| 00:03:15> 00:03:18: | really incredible values, and I'm just going to this slide |
| 00:03:18> 00:03:21: | just mentions a few of them, including access to our |
| 00:03:21> 00:03:23: | global membership directory. |
| 00:03:24> 00:03:29: | Networking through our navigator process and the the behind the |
| 00:03:29> 00:03:34: | paywall knowledge Finder, which is an incredible treasure trove of |
| 00:03:35> 00:03:40: | archives going back to the 1940s of international best practices |
| 00:03:40> 00:03:44: | as case studies and so forth that that Members have |
| 00:03:44> 00:03:48: | access to. So we encourage you to become a member. |

| 00:03:49> 00:03:53: | Good afternoon. My name is Richard Joy, executive director of |
|---------------------|--|
| 00:03:53> 00:03:56: | ULI Toronto and welcome to our third webinar in our |
| 00:03:57> 00:04:00: | five Part Webinar Series, this one demand side examining the |
| 00:04:00> 00:04:03: | under discussed Southside of supply and demand. |
| 00:04:04> 00:04:08: | For this, I'd like to begin with the land acknowledgement. |
| 00:04:08> 00:04:11: | As a Toronto region based organization, we acknowledge that the |
| 00:04:11> 00:04:15: | land we are meeting on virtually is the traditional territory |
| 00:04:15> 00:04:17: | of many nations including. |
| 00:04:17> 00:04:21: | The Mississaugas of the Credit, Diana snapback, the Chippewa, the |
| 00:04:21> 00:04:24: | Horton Missoni, the Wendat people and is now home to |
| 00:04:24> 00:04:28: | many diverse First Nation, Inuit and Maiti people. We also |
| 00:04:28> 00:04:31: | acknowledged that Toronto is covered by trading 13 with the |
| 00:04:31> 00:04:35: | Mississaugas of the credit. We are all treated people. Many |
| 00:04:35> 00:04:38: | of us have come here as settlers, immigrants and newcomers |
| 00:04:38> 00:04:40: | in this generation or generations past. |
| 00:04:41> 00:04:45: | Yuli stands in solidarity with indigenous communities, demanding action and |
| 00:04:45> 00:04:48: | accountability for the ongoing legacy of the residential school system. |
| 00:04:49> 00:04:51: | We'd like to also acknowledge and honor those who've come |
| 00:04:51> 00:04:55: | here involuntarily, particularly descendants from those who brought here through |
| 00:04:55> 00:04:55: | enslavement. |
| 00:04:56> 00:05:00: | Better to better understand the meaning behind this land acknowledgement, |
| 00:05:00> 00:05:03: | we recommend for programs that we've uploaded to YouTube and |
| 00:05:03> 00:05:05: | these links will be made available in a chat. |
| 00:05:06> 00:05:10: | Today's event and other UI programming just simply not be |
| 00:05:10> 00:05:13: | possible without the support of UI's annual sponsors and we |
| 00:05:13> 00:05:16: | would like to thank them all for that support. Now |
| 00:05:16> 00:05:19: | more than ever you I relies on the support of |
| 00:05:19> 00:05:22: | our sponsors to put on high quality programs such as |
| 00:05:22> 00:05:25: | today and to drive our mission to shape the future |
| 00:05:25> 00:05:29: | of the built environment for transformative impact in communities worldwide. |
| 00:05:29> 00:05:31: | To all our sponsors, I say thank you. |
| 00:05:32> 00:05:36: | It's now my pleasure to introduce today's moderator, Sherise Burda, |

| 00:05:36> 00:05:40: | Executive director of City Building Research and Innovation at Toronto |
|---------------------|--|
| 00:05:40> 00:05:43: | Metropolitan University. City building research and innovation. |
| 00:05:45> 00:05:47: | Before I headed over to streets, I want to make |
| 00:05:48> 00:05:50: | one note to our audience that you and I is |
| 00:05:50> 00:05:54: | a nonpartisan organization and we do not advocate on public |
| 00:05:54> 00:05:56: | policy, pro or con. You will not see us taking |
| 00:05:57> 00:06:00: | positions on matters of, you know, that are that are |
| 00:06:00> 00:06:03: | before us today, for example. But we do look at |
| 00:06:03> 00:06:06: | the public policy landscape and with a critical lens. And |
| 00:06:06> 00:06:09: | the reason for this five part series is just just |
| 00:06:09> 00:06:13: | that, to examine the angles of really important public policy |
| 00:06:13> 00:06:14: | discussions as part of. |
| 00:06:14> 00:06:17: | Our advancement of our of our global mission. |
| 00:06:18> 00:06:21: | We have a jam packed agenda today, so unfortunately we |
| 00:06:21> 00:06:23: | have time for audience Q&A. But with that series and |
| 00:06:24> 00:06:26: | you're, you're more full introduction, your bio is in the |
| 00:06:27> 00:06:29: | chat as well, the other panelists be made available as |
| 00:06:29> 00:06:32: | well. So sunrise over to you know, I'll see you |
| 00:06:32> 00:06:32: | at the end. |
| 00:06:34> 00:06:37: | Thank you, Richard and thanks to you Ali for this |
| 00:06:37> 00:06:42: | excellent week long program on the affordable housing crisis. If |
| 00:06:42> 00:06:46: | you tuned in yesterday, it was a super exciting discussion |
| 00:06:46> 00:06:50: | on supply and today we're going to spend some time |
| 00:06:50> 00:06:54: | focusing on the under discussed demand factors, how these are |
| 00:06:54> 00:06:59: | contributing to the affordable housing crisis, how these may be |
| 00:06:59> 00:07:02: | impacting rental or ownership differently. |
| 00:07:03> 00:07:06: | And how changes to government policies and programs can address |
| 00:07:06> 00:07:09: | certain demand factors and promote affordability. |
| 00:07:10> 00:07:14: | So we have a really fantastic panel who are known |
| 00:07:14> 00:07:19: | for their data-driven research. So each panelist will be making |
| 00:07:19> 00:07:24: | opening remarks with the aid of their most excellent graphs |
| 00:07:24> 00:07:28: | and other visuals and then we will have a moderated |
| 00:07:28> 00:07:29: | discussion. |
| 00:07:31> 00:07:33: | So to save time for discussion, I will not be |
| 00:07:33> 00:07:35: | making lengthy introductions. |
| 00:07:36> 00:07:39: | Each of the panelists BIOS will be shared in the |
| 00:07:39> 00:07:42: | chat, so let's begin by introducing the panel. |

| 00:07:44> 00:07:47: | Shawn Hildebrand is president of urban nation. |
|---------------------|---|
| 00:07:48> 00:07:53: | Tobias or Wall as Vice President, Investment Tricon Residential and |
| 00:07:53> 00:07:58: | John Passalis is president and broker of Real Losophy Realty |
| 00:07:58> 00:08:04: | and Steve Pomeroy is industry professor and executive advisor, McMaster |
| 00:08:04> 00:08:11: | University, Canadian Housing Evidence collaborative and senior research fellow at |
| 00:08:11> 00:08:12: | Carleton University. |
| 00:08:13> 00:08:18: | All right. Let's begin with the opening comments from each |
| 00:08:18> 00:08:22: | of you on demand factors and how these are impacting |
| 00:08:22> 00:08:28: | housing affordability. Steve, let's kick off the data drive with |
| 00:08:28> 00:08:30: | or data dive with you. |
| 00:08:30> 00:08:33: | Great. Thanks Sir. Cherise and it's a pleasure to be |
| 00:08:33> 00:08:36: | here with you all today to to talk about this |
| 00:08:36> 00:08:39: | tonight. But I agree with you, the demand side has |
| 00:08:39> 00:08:42: | to some extent been been relegated relative to the discussion |
| 00:08:42> 00:08:43: | on supply. Next slide. |
| 00:08:45> 00:08:48: | What I want to talk about are sort of 3/3 |
| 00:08:48> 00:08:51: | aspects of demand and and I l like to distinguish |
| 00:08:51> 00:08:54: | between the quantity of demand, how many people do we |
| 00:08:54> 00:08:58: | have actually seeking housing as well as the quality of |
| 00:08:58> 00:09:01: | demand, who are they and what is their capacity to |
| 00:09:01> 00:09:04: | pay. And I think these have very significant impacts in |
| 00:09:04> 00:09:07: | terms of pressures on on on price and rents Just to |
| 00:09:07> 00:09:10: | begin with the the quantity and what we've really seen |
| 00:09:11> 00:09:13: | is that much of the discourse has said we're, we |
| 00:09:14> 00:09:15: | have this chronic shortage of. |
| 00:09:15> 00:09:18: | We have this under supply and I think what's really |
| 00:09:19> 00:09:21: | happening is that we have you know we we do |
| 00:09:21> 00:09:24: | do not have enough supply but it's really been caused |
| 00:09:24> 00:09:28: | and and the problem has been seriously exacerbated in the |
| 00:09:28> 00:09:31: | last five years by a massive surge in growth largely |
| 00:09:31> 00:09:35: | from immigration or natural growth is actually very tiny nationally |
| 00:09:35> 00:09:38: | and in Ontario most of our growth comes from immigration |
| 00:09:39> 00:09:43: | and within within our cities and within our provinces interprovincial |
| 00:09:43> 00:09:46: | and intra provincial migration is a big part of that. |
| 00:09:47> 00:09:50: | What this child is showing us and it's Ontario rather |
| 00:09:50> 00:09:53: | than Toronto specifically, but the the pattern is very similar |
| | |

| 00:09:53> 00:09:55: | in Toronto is this massive surge and we kind of |
|---|---|
| 00:09:55> 00:09:57: | see a big growth of the the green is the |
| 00:09:57> 00:10:01: | the international migration and the the purple leaf, whatever kind |
| 00:10:01> 00:10:03: | of that happens to be is the this thing called |
| 00:10:03> 00:10:07: | non permanent residence. It's something we don't really sort of |
| 00:10:07> 00:10:10: | recognize very much. But these are temporary foreign workers and |
| 00:10:10> 00:10:14: | international students. The temporary foreign workers are quite a small |
| 00:10:14> 00:10:17: | part of it, the vast majority of international students. |
| 00:10:17> 00:10:20: | And this is largely a function of constrained funding for |
| 00:10:20> 00:10:24: | universities and the only source of new funding for universities |
| 00:10:24> 00:10:27: | is to go out and attract and recruit international students |
| 00:10:27> 00:10:30: | who come directly into the rental market. So this really |
| 00:10:30> 00:10:33: | has a very significant impact on the rental market. 2021 |
| 00:10:34> 00:10:38: | Canada approved study visas for 600,000 international students. That has |
| 00:10:38> 00:10:41: | a massive impact on our rental markets and particularly small |
| 00:10:41> 00:10:45: | cities, kingstons, the Peterborough of the world that have relatively |
| | |
| 00:10:45> 00:10:47: | small rental stocks and are. |
| 00:10:45> 00:10:47: 00:10:47> 00:10:50: | |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:13> 00:11:16: 00:11:16> 00:11:19: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:16> 00:11:19: 00:11:19> 00:11:22: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:10> 00:11:10: 00:11:13> 00:11:13: 00:11:16> 00:11:19: 00:11:19> 00:11:22: 00:11:22> 00:11:26: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:13> 00:11:14: 00:11:16> 00:11:19: 00:11:26> 00:11:22: 00:11:26> 00:11:29: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we put these two things together, the combination of you for |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:10> 00:11:10: 00:11:13> 00:11:13: 00:11:16> 00:11:19: 00:11:19> 00:11:22: 00:11:22> 00:11:22: 00:11:26> 00:11:29: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we put these two things together, the combination of you for every dollar of income at the prevailing interest rate in |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:13> 00:11:16: 00:11:16> 00:11:22: 00:11:22> 00:11:26: 00:11:26> 00:11:29: 00:11:29> 00:11:33: 00:11:33> 00:11:36: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we put these two things together, the combination of you for every dollar of income at the prevailing interest rate in any one year creates the capacity to pay a leverage |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:13> 00:11:16: 00:11:16> 00:11:19: 00:11:22> 00:11:22: 00:11:22> 00:11:29: 00:11:29> 00:11:33: 00:11:33> 00:11:36: 00:11:36> 00:11:40: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we put these two things together, the combination of you for every dollar of income at the prevailing interest rate in any one year creates the capacity to pay a leverage effect. And on the one hand, while observers have been |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:13> 00:11:16: 00:11:16> 00:11:22: 00:11:22> 00:11:26: 00:11:26> 00:11:29: 00:11:29> 00:11:33: 00:11:33> 00:11:36: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we put these two things together, the combination of you for every dollar of income at the prevailing interest rate in any one year creates the capacity to pay a leverage |
| 00:10:47> 00:10:50: 00:10:51> 00:10:54: 00:10:54> 00:10:58: 00:10:58> 00:11:01: 00:11:01> 00:11:04: 00:11:04> 00:11:07: 00:11:07> 00:11:10: 00:11:10> 00:11:13: 00:11:13> 00:11:16: 00:11:16> 00:11:19: 00:11:22> 00:11:22: 00:11:22> 00:11:29: 00:11:29> 00:11:33: 00:11:33> 00:11:36: 00:11:36> 00:11:40: | small rental stocks and are. Impacted by that, kind of that kind of. Newcomer and the reality is as demand has increased, we all know that housing is inherently the, you know, the supply elasticity of housing is very, very low. People can get on a plane this morning and arrive tonight. We can't reduce the house for three or four years. So that's you know the real conundrum that we have there. So that's really the quantity. Next slide on, on the quality piece, this is not news to anybody, but I think it's an important feature of the demand side and we've seen you know relatively steady growth in incomes. And dramatic decline in interest rates. Next slide. When we put these two things together, the combination of you for every dollar of income at the prevailing interest rate in any one year creates the capacity to pay a leverage effect. And on the one hand, while observers have been expressed concern about the the widening gap between |

| 00:11:51> 00:11:52: | leverage effect. |
|---------------------|--|
| 00:11:52> 00:11:55: | Of the average household is actually very, very strong. And |
| 00:11:55> 00:11:58: | in this on the right hand side, the, the Gray |
| 00:11:58> 00:12:01: | bar line is the leverage effect. The Orange Line is |
| 00:12:01> 00:12:03: | prices. And what we can see is that for the |
| 00:12:03> 00:12:06: | average consumer, their capacity to pay in their capacity to |
| 00:12:06> 00:12:10: | borrow has exceeded the home price in efforts. These consumers |
| 00:12:10> 00:12:13: | that have actually pulled prices up, it's not that they're |
| 00:12:13> 00:12:16: | being pushed out. They're being pulled up by capacity to |
| 00:12:16> 00:12:19: | pay, particularly by a small number of households who are |
| 00:12:20> 00:12:22: | active in the market in any one year. |
| 00:12:22> 00:12:25: | We sell around about 700,000 homes between resales and new |
| 00:12:26> 00:12:29: | construction. That's only about 5% of households in the country. |
| 00:12:29> 00:12:32: | So a very, very small number of households can have |
| 00:12:32> 00:12:35: | a very, very big effect in the marketplace |
| 00:12:37> 00:12:41: | The the other part that's happened is we've we've seen |
| 00:12:41> 00:12:44: | very, very substantial increases in home prices over the last |
| 00:12:44> 00:12:48: | few years particularly. And what we see in this chart |
| 00:12:48> 00:12:51: | is the, the, the amount of of residential mortgage debt, |
| 00:12:51> 00:12:54: | which is just under two billion, \$2 billion. The Orange |
| 00:12:54> 00:12:58: | Line, the amount of equity that the 10.5 million homeowners |
| 00:12:58> 00:13:01: | in the country actually own and the Gray bars are |
| 00:13:01> 00:13:05: | the amount of equity they've accumulated and we've seen a |
| 00:13:05> 00:13:07: | dramatic increase in the amount of. |
| 00:13:07> 00:13:10: | Equity in the last number of years, the equity in |
| 00:13:10> 00:13:13: | the aggregate amount of equity growing by over \$4 trillion, |
| 00:13:14> 00:13:17: | eight times the rate of growth in debt. So people |
| 00:13:17> 00:13:21: | of of accumulated appreciation begets more appreciation. And as I |
| 00:13:21> 00:13:24: | mentioned, the small number of households that are active in |
| 00:13:24> 00:13:28: | the market where they have these massive amounts of equity |
| 00:13:28> 00:13:31: | available to them. You know, 2/3 to 3/4 of buyers |
| 00:13:31> 00:13:35: | are existing owners and they're using this, this little bags |
| 00:13:35> 00:13:37: | of money, if you will, to help them. |
| 00:13:37> 00:13:41: | Either either by investment properties or change their their their their |
| 00:13:41> 00:13:44: | place of residence in the market and it's very, very |
| 00:13:44> 00:13:47: | difficult for first time buyers who are scraping together a |
| 00:13:47> 00:13:50: | down payment to compete against the folks who have massive |

| 00:13:50> 00:13:54: | amounts of purchasing power as a consequence of benefiting from |
|---------------------|---|
| 00:13:54> 00:13:57: | price appreciation. So it really has to some extent distorted |
| 00:13:57> 00:14:00: | the the price pressures in the marketplace. Next slide. |
| 00:14:02> 00:14:05: | I suggest diminishing to conclude that many. I mean the |
| 00:14:05> 00:14:08: | and the point of this panel is that yeah absolutely |
| 00:14:08> 00:14:10: | we need supply to keep up with growth, but it's |
| 00:14:10> 00:14:13: | really demand factors that have a bigger influence on prices |
| 00:14:13> 00:14:17: | and rents. Certainly, you know with the federal government having |
| 00:14:17> 00:14:20: | announced quite high immigration targets for the next few years, |
| 00:14:20> 00:14:24: | 550,000 permanent residents across the country, clearly this is not |
| 00:14:24> 00:14:26: | going to slow down. In fact it's going to increase. |
| 00:14:28> 00:14:30: | But at the same time, while we do need to |
| 00:14:30> 00:14:34: | increase supply, increasing supply alone won't necessarily address the more |
| 00:14:34> 00:14:37: | fundamental problem which people are talking about, which is affordability |
| 00:14:37> 00:14:40: | of housing. And you know, it's currently in Australia, it's |
| 00:14:40> 00:14:43: | Robert, Kasich said yesterday. And then you're really tiff machining |
| 00:14:43> 00:14:46: | in the bank account and there are probably doing the |
| 00:14:46> 00:14:48: | most work in this area in terms of correcting for |
| 00:14:48> 00:14:51: | price by raising the cost of borrowing and reversing that |
| 00:14:51> 00:14:54: | leverage trends that I showed earlier. So my concluding point |
| 00:14:54> 00:14:56: | is really that we don't just need any new supply, |
| 00:14:56> 00:14:58: | we have to be quite specific about. |
| 00:14:58> 00:15:01: | What type of supply and what built form who we're |
| 00:15:01> 00:15:04: | targeting and the kind of price and rent levels that's |
| 00:15:04> 00:15:07: | that's involved in that? And clearly once we get down |
| 00:15:07> 00:15:09: | to the low income folks who are under extreme stress, |
| 00:15:09> 00:15:12: | there's a clear role for public policy to address their |
| 00:15:12> 00:15:16: | inability to actually have effective demand in the marketplace. So |
| 00:15:16> 00:15:19: | I look forward to the discussion. Thank you very much. |
| 00:15:27> 00:15:30: | Thanks. Thanks, Steve. Over to you, John. |
| 00:15:31> 00:15:33: | Thank you for having me. So I I mean I |
| 00:15:33> 00:15:37: | find I found the title of this this session interesting, |
| 00:15:37> 00:15:40: | the undiscussed side of supply and demand which which is |
| 00:15:40> 00:15:44: | interesting because you know when we look at the factors |
| 00:15:44> 00:15:47: | that that drive house prices up, I mean the most |
| 00:15:47> 00:15:50: | basic ones you know interest rates and and the you |

| 00:15:50> 00:15:50: | know. |
|---------------------|--|
| 00:15:50> 00:15:54: | Changing credit that goes along with that population growth and |
| 00:15:54> 00:15:57: | then new completions in terms of supply. |
| 00:15:57> 00:16:01: | The only variable that really hasn't changed very much over |
| 00:16:01> 00:16:03: | the past 20 years quite frankly is supply. I mean |
| 00:16:04> 00:16:07: | when we look at the other variables interest rate, credit |
| 00:16:07> 00:16:10: | growth and and population growth, I mean those have exploded. |
| 00:16:10> 00:16:13: | So it's it's quite odd. I find it odd at |
| 00:16:13> 00:16:15: | least to to hear that you know a lot of |
| 00:16:15> 00:16:18: | people argue that the the fundamental cause of of what |
| 00:16:18> 00:16:21: | we're experiencing today in our housing market is a supply |
| 00:16:21> 00:16:25: | issue when obviously the big factors that are changing are |
| 00:16:25> 00:16:27: | are all demanded driven. So we clearly have. |
| 00:16:27> 00:16:30: | A massive growth in demand caused by population growth and |
| 00:16:30> 00:16:34: | and and declining interest rates and certainly supply isn't keeping |
| 00:16:34> 00:16:37: | up but you know it's supply alone enough to to |
| 00:16:37> 00:16:39: | you know to catch up with demand and I think |
| 00:16:39> 00:16:42: | it's not and and you know without getting into the |
| 00:16:42> 00:16:45: | macro questions of whether they can or not which were |
| 00:16:45> 00:16:48: | discussed yesterday. I mean I thought I'd take a more |
| 00:16:48> 00:16:51: | micro look at sort of a misunderstanding I think that |
| 00:16:51> 00:16:54: | some of the supply advocates have about what's needed and |
| 00:16:54> 00:16:56: | what the problems are and this next slide has you |
| 00:16:57> 00:16:58: | know one of the policy. |
| 00:16:58> 00:17:02: | Recommendations from the Housing Affordability Task Force to allow, as |
| 00:17:02> 00:17:04: | of right residential housing up to four units and up |
| 00:17:04> 00:17:07: | to four stories. The idea here is that, you know, |
| 00:17:07> 00:17:09: | the gap is that there are so many people who |
| 00:17:09> 00:17:13: | want to build Multiplex homes that they're just not allowed. |
| 00:17:13> 00:17:16: | And if we legalize this missing middle type of housing, |
| 00:17:16> 00:17:18: | we'll see this sea of multiplexes being built and it'll |
| 00:17:19> 00:17:22: | help contribute to our, our housing affordability crisis. But when |
| 00:17:22> 00:17:25: | you look on the ground, that's actually not what's happening. |
| 00:17:25> 00:17:28: | That's not where the demand is when you look at |
| 00:17:28> 00:17:29: | what's happening. |
| 00:17:29> 00:17:32: | You know this this next photo which is a a |
| 00:17:32> 00:17:35: | tweet that kind of made the rounds in the past |

| 00:17:35> 00:17:38: | week is more an example of what's actually happening on |
|--|---|
| 00:17:38> 00:17:42: | the ground that more and more people are actually taking |
| 00:17:42> 00:17:46: | existing multiplexes and converting them to single family homes. So, |
| 00:17:46> 00:17:50: | so legalizing multiplexes in and of itself will not result |
| 00:17:50> 00:17:53: | in a massive boom in in in new starts or |
| 00:17:53> 00:17:57: | or conversions to fourplexes. So why are people converting multiplexes |
| 00:17:57> 00:17:59: | to single family homes? |
| 00:17:59> 00:18:02: | And I think there are two primary reasons. I mean |
| 00:18:02> 00:18:05: | for starters, you know, this next slide shows the number |
| 00:18:05> 00:18:08: | of completions for low rise homes in the GTA. So |
| 00:18:08> 00:18:11: | our population is exploding and we're not building family sized |
| 00:18:11> 00:18:14: | homes. You know, and I focused on low rise because |
| 00:18:14> 00:18:17: | you know the average size for condominiums now is probably |
| 00:18:17> 00:18:20: | 600 square feet or 6IN change and that's not big |
| 00:18:20> 00:18:22: | enough for families. So you know, not only are we |
| 00:18:22> 00:18:25: | not building enough, you know, low rise or family, I |
| 00:18:25> 00:18:28: | should say family size. So it doesn't matter if they're |
| 00:18:28> 00:18:30: | low rise, but the point is. |
| 00:18:30> 00:18:33: | Family sized homes, we're not building enough for our population |
| 00:18:34> 00:18:36: | growth. But on top of that, the stock of existing |
| 00:18:36> 00:18:40: | family sized homes that is available to be bought by |
| 00:18:40> 00:18:44: | end users and families, there's actually shrinking over time because |
| 00:18:44> 00:18:46: | more and more of them are going into the hands |
| 00:18:46> 00:18:50: | of investors, both small investors and institutional. And this next |
| 00:18:51> 00:18:54: | |
| | slide has a quote from our Housing minister who argues |
| 00:18:54> 00:18:57: | slide has a quote from our Housing minister who argues that, you know, small time landlords provide rental stock to |
| 00:18:54> 00:18:57: 00:18:57> 00:19:00: | |
| | that, you know, small time landlords provide rental stock to |
| 00:18:57> 00:19:00: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: 00:19:07> 00:19:09: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite frankly is a very silly argument. I mean the the |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: 00:19:07> 00:19:09: 00:19:09> 00:19:12: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite frankly is a very silly argument. I mean the the investors are not solving our housing crisis. I mean what |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: 00:19:07> 00:19:09: 00:19:09> 00:19:12: 00:19:12> 00:19:15: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite frankly is a very silly argument. I mean the the investors are not solving our housing crisis. I mean what they're doing is and our housing misters is an investor |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: 00:19:07> 00:19:09: 00:19:09> 00:19:12: 00:19:12> 00:19:15: 00:19:15> 00:19:17: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite frankly is a very silly argument. I mean the the investors are not solving our housing crisis. I mean what they're doing is and our housing misters is an investor I think he owns a townhome in the in Ottawa |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: 00:19:07> 00:19:09: 00:19:09> 00:19:12: 00:19:12> 00:19:15: 00:19:15> 00:19:17: 00:19:17> 00:19:20: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite frankly is a very silly argument. I mean the the investors are not solving our housing crisis. I mean what they're doing is and our housing misters is an investor I think he owns a townhome in the in Ottawa suburbs. I mean and and by owning it what what's |
| 00:18:57> 00:19:00: 00:19:00> 00:19:03: 00:19:03> 00:19:07: 00:19:07> 00:19:09: 00:19:09> 00:19:12: 00:19:12> 00:19:15: 00:19:15> 00:19:17: 00:19:17> 00:19:20: | that, you know, small time landlords provide rental stock to Canadian families and individuals. So we need to. Net we we don't want to negatively affect them because they're actually providing rental service. I mean this is quite frankly is a very silly argument. I mean the the investors are not solving our housing crisis. I mean what they're doing is and our housing misters is an investor I think he owns a townhome in the in Ottawa suburbs. I mean and and by owning it what what's happening and when you do this on scale is the |

| | basically |
|---------------------|---|
| 00:19:29> 00:19:30: | using them as assets. |
| 00:19:30> 00:19:33: | So there are fewer homes for people to buy, which |
| 00:19:34> 00:19:37: | you know drives prices up and actually creates rental demand |
| 00:19:37> 00:19:40: | and we can kind of see this on the ground. |
| 00:19:40> 00:19:42: | So if we look at, I mean I, I work |
| 00:19:42> 00:19:46: | with MLS data because I'm in the real estate brokerage |
| 00:19:46> 00:19:49: | industry. And when we look at some statistics and we |
| 00:19:49> 00:19:52: | say, OK, how many homes each year were either bought |
| 00:19:53> 00:19:56: | and converted to rentals by investors or that were likely |
| 00:19:56> 00:19:59: | owner occupied for a number of years and then after |
| 00:20:00> 00:20:01: | the owner moved out. |
| 00:20:01> 00:20:05: | They converted them to a rental property. This next slide |
| 00:20:05> 00:20:08: | shows those numbers on an annual basis and we can |
| 00:20:08> 00:20:11: | kind of see that they've exploded, you know from around |
| 00:20:11> 00:20:14: | 3000 in 2006, you know, to close to 14,000 in |
| 00:20:14> 00:20:17: | the peak. So what we're seeing here is 10s of |
| 00:20:17> 00:20:21: | thousands of homes every year that are basically converted to |
| 00:20:21> 00:20:26: | rental properties, right. And what this is doing effectively and |
| 00:20:26> 00:20:29: | our next slide is that it's one of the reasons |
| 00:20:29> 00:20:31: | why our homeownership rate is actually. |
| 00:20:31> 00:20:35: | Declining overtime because fewer homes are available to be bought |
| 00:20:35> 00:20:39: | by end user families, those families are getting pushed into |
| 00:20:39> 00:20:42: | the rental market. It's driving house prices up and and |
| 00:20:42> 00:20:45: | again this isn't, I don't see this this kind of |
| 00:20:45> 00:20:49: | very neoliberal vision that our governments are putting forward as |
| 00:20:49> 00:20:52: | a solution to either market rate housing or market rents |
| 00:20:52> 00:20:56: | and of course obviously not deeply affordable housing either. So |
| 00:20:56> 00:20:59: | I think we can have a lot of challenges in |
| 00:20:59> 00:21:02: | the future and and I don't think they can all |
| 00:21:02> 00:21:02: | be met. |
| 00:21:02> 00:21:04: | With with strictly supply solutions. |
| 00:21:06> 00:21:07: | And I'll leave it at that. |
| 00:21:10> 00:21:16: | Thanks a lot, John. And I think to Tobias is |
| 00:21:16> 00:21:16: | next. |
| 00:21:17> 00:21:18: | Yes. |
| 00:21:19> 00:21:19: | Thanks, rice. |
| 00:21:20> 00:21:23: | So I think to a certain extent our housing affordability |

| 00:21:23> 00:21:26: | problem, certainly it's not easy to solve, but it's not |
|---------------------|---|
| 00:21:26> 00:21:30: | that hard to understand either. And it's all relatively simple |
| 00:21:30> 00:21:32: | math. So I'm going to be repeating a lot of |
| 00:21:32> 00:21:35: | the concepts that we're already brought up here, like the |
| 00:21:35> 00:21:38: | amount of people and their capacity to pay capacity to |
| 00:21:38> 00:21:41: | pay family sized units. But as a developer of purpose |
| 00:21:41> 00:21:44: | built rentals myself, I'm going to look at the overall |
| 00:21:44> 00:21:47: | drivers of housing demand, but I'm going to focus on |
| 00:21:47> 00:21:50: | distinguishing rental demand drivers from 4 sale demand drivers. |
| 00:21:51> 00:21:53: | And how that has helped shaped our our built environment |
| 00:21:54> 00:21:56: | and I'm going to focus particularly on Toronto. |
| 00:21:57> 00:21:58: | So next slide please. |
| 00:21:59> 00:22:01: | I think the the 1st overall point that I'd like |
| 00:22:01> 00:22:04: | to make and that everyone has been making is that |
| 00:22:04> 00:22:07: | you know, demand is composed of not just people but |
| 00:22:07> 00:22:10: | basically money. So it's on the rental side, it's households |
| 00:22:10> 00:22:13: | and cash and on the for sale side it's households |
| 00:22:13> 00:22:15: | and cash. But then you have to add in credit |
| 00:22:15> 00:22:18: | and government subsidies into the mix. And to put a |
| 00:22:18> 00:22:21: | finer point on the number of people, I think the |
| 00:22:21> 00:22:25: | headline stories of of immigration and population growth continue to |
| 00:22:25> 00:22:27: | be important, but at the end of the day there |
| 00:22:27> 00:22:29: | are demographic and economic forces. |
| 00:22:29> 00:22:33: | That are shaping household information that are more long term |
| 00:22:33> 00:22:35: | and that the government can't really affect in the same |
| 00:22:35> 00:22:38: | way that it does our immigration numbers. I'm thinking of |
| 00:22:38> 00:22:42: | things like the average household size that's been gradually and |
| 00:22:42> 00:22:45: | steadily decreasing over time in Canada as people form households |
| 00:22:45> 00:22:47: | later in life or not at all, and as they |
| 00:22:47> 00:22:48: | have fewer children. |
| 00:22:49> 00:22:52: | The cash piece of the equation is relatively simple. It's |
| 00:22:52> 00:22:56: | effectively the labor market and wages and then we get |
| 00:22:56> 00:22:59: | into the demand drivers that affect for sale housing specifically. |
| 00:22:59> 00:23:02: | So both John and Steve touched on the credit market |
| 00:23:02> 00:23:05: | and I think we all have a first hand experience |
| 00:23:05> 00:23:07: | of what's going on in the last 6 to 8 |
| 00:23:07> 00:23:11: | months as as increasing mortgage rates have affected people's ability |

| 00:23:11> 00:23:14: | to buy homes. And then finally on the demand side, |
|---------------------|--|
| 00:23:14> 00:23:18: | subsidies for for sale housing, we have subsidies provided by |
| 00:23:18> 00:23:19: | the government. |
| 00:23:19> 00:23:22: | And we've decided as a society that home ownership should |
| 00:23:22> 00:23:25: | be encouraged, and we subsidize this through a variety of |
| 00:23:25> 00:23:27: | subsidies, subsidies and tax incentives. |
| 00:23:28> 00:23:31: | And all these demand drivers have an overlay of psychology |
| 00:23:31> 00:23:34: | and emotion and human behavior at the end of the |
| 00:23:34> 00:23:36: | day as well. And these are not as easy to |
| 00:23:36> 00:23:39: | quantify. But I think we'd all agree that as we |
| 00:23:39> 00:23:41: | saw in the last couple of years on the way |
| 00:23:41> 00:23:44: | up, the for sale market is fueled by a certain |
| 00:23:44> 00:23:48: | amount of FOMO and classic inflationary spiral dynamics where people |
| 00:23:48> 00:23:51: | rush to buy now to avoid future price increases. Another |
| 00:23:51> 00:23:54: | hard to quantify but real phenomenon is the presence of |
| 00:23:54> 00:23:57: | fraud and the lack of enforcement of existing rules in |
| 00:23:57> 00:23:58: | our system falsification. |
| 00:23:58> 00:24:02: | Sources of income, exaggeration of loan documents. These are all |
| 00:24:02> 00:24:06: | increasing access to credit and fueling demand for for sale |
| 00:24:06> 00:24:06: | housing. |
| 00:24:07> 00:24:10: | So if you go to the next slide and we |
| 00:24:10> 00:24:12: | go back to our ECON 101 textbooks. |
| 00:24:12> 00:24:15: | Well, remember that all these demand drivers don't move us |
| 00:24:15> 00:24:18: | up and down on the demand curve, but they shift |
| 00:24:18> 00:24:19: | the whole curve itself. |
| 00:24:20> 00:24:22: | So if we think of this first graph as the |
| 00:24:22> 00:24:25: | baseline equilibrium price established by the intersection of supply and |
| 00:24:25> 00:24:27: | demand, we can take a quick look at the supply |
| 00:24:27> 00:24:30: | constraints that we're all familiar with and that we're discussed |
| 00:24:30> 00:24:31: | yesterday. So next slide, please. |
| 00:24:32> 00:24:36: | So hard and soft cost inflation, long entitlement durations, lack |
| 00:24:36> 00:24:39: | of as of right density options, all these things constrain |
| 00:24:39> 00:24:42: | the supply of housing and shift the curve left, decreasing |
| 00:24:42> 00:24:44: | the number of housing units that are built and raising |
| 00:24:44> 00:24:46: | the price for those that are. |
| 00:24:47> 00:24:49: | And on the next slide, we'll take a look at |
| 00:24:49> 00:24:52: | the 4 sale housing demand drivers and all the things |
| 00:24:52> 00:24:56: | that I mentioned earlier, number of households, labor market, |

cheap

| 00:24:56 \rightarrow 00:24:59:credit, FOMO and fraud. All these things shift the demand00:24:59 \rightarrow 00:25:02:curve, raising the price per unit of housing and theoretically00:24:05 \rightarrow 00:25:06:making it economical for builders to deliver more supply to00:25:05 \rightarrow 00:25:01:meet that demand. If we go to the next slide,00:25:06 \rightarrow 00:25:11:well see the same thing but for the rental market.00:25:11 \rightarrow 00:25:12:think it's important to point out that if a household.00:25:12 \rightarrow 00:25:22:unit that doesn't decrease the overall demand for housing. It00:25:22 \rightarrow 00:25:23:unit that doesn't decrease the overall demand for housing. It00:25:22 \rightarrow 00:25:24:unit that doesn't decrease the overall demand for housing. It00:25:23 \rightarrow 00:25:31:now right as people get priced out of home purchases00:25:31 \rightarrow 00:25:37:now wight as people get priced to own a00:25:37 \rightarrow 00:25:40:home. So demand in the rental market also affected by00:25:40 \rightarrow 00:25:42:home. So demand in the for sale market.00:25:41 \rightarrow 00:25:42:home. So that means that the supply curve00:25:42 \rightarrow 00:25:45:is steep because you can't just turn in on and00:25:53 \rightarrow 00:25:52:off. So in the previous graph, a shift in the00:25:54 \rightarrow 00:26:02:off. So in the previous graph, a shift in the00:25:55 \rightarrow 00:26:02:off. So in the previous graph, a shift in the00:26:01 \rightarrow 00:26:02:off. So in the previous graph, a shift in the <th></th> <th>cheap</th> | | cheap |
|--|---------------------|---|
| 00:25:02 -> 00:25:05making it economical for builders to deliver more supply to00:25:05 -> 00:25:08meet that demand. If we go to the next slide,00:25:08 -> 00:25:11we'll see the same thing but for the rental market.00:25:14 -> 00:25:17And again, we're looking at households and cash, but I00:25:14 -> 00:25:19It's in the for sale market fails to purchase a00:25:17 -> 00:25:21unit that deera't decrease the overall demand for housing. It00:25:22 -> 00:25:25just moves that household from the for sale market into00:25:26 -> 00:25:31now right as people get priced out of home purchases00:25:31 -> 00:25:31now wigh they pay be preferred to to own a00:25:40 -> 00:25:42the amount of options in the for sale market.00:25:41 -> 00:25:42in a desticity of supply of of housing which Steve00:25:42 -> 00:25:45in a leasticity of supply of of housing which Steve00:25:43 -> 00:25:45is the previous graph, a shift in the00:25:54 -> 00:25:55off. So in the previous graph, a shift in the00:25:55 -> 00:25:50in the quantities of of housing units. And so these00:26:07 -> 00:26:01builders being incentivized to increase supply. But now with the00:26:09 -> 00:26:12in the quantities of supply and demand, but I think they're00:26:17 -> 00:26:02final point that if a like to make is that housing00:26:17 -> 00:26:03in the quantities of supply and demand, but I think they're00:26:09 -> 00:26:12in the quantities of supply and demand, but I think they're00:26:14 -> 00:26:13in equantities of supply | 00:24:56> 00:24:59: | credit, FOMO and fraud. All these things shift the demand |
| 00:25:05 -> 00:25:08meet that demand. If we go to the next slide,00:25:08 -> 00:25:11we'll see the same thing but for the rental market.00:25:11 -> 00:25:14And again, we're looking at households and cash, but I00:25:17 -> 00:25:19think it's important to point out that if a household.00:25:27 -> 00:25:29li's in the for sale market fails to purchase a00:25:28 -> 00:25:21unit that doesn't decrease the overall demand for housing. It00:25:28 -> 00:25:31now right as people get priced out of home purchases00:25:28 -> 00:25:31now wight as people get priced out of home purchases00:25:31 -> 00:25:37now when they may be preferred to to own a00:25:40 -> 00:25:41home. So demand in the rental market also affected by00:25:41 -> 00:25:42the amount of options in the for sale market.00:25:43 -> 00:25:49in in leasticity of supply of of housing which Steve00:25:49 -> 00:25:55is steep because you can't just turn it on and00:25:58 -> 00:25:58off. So in the previous graph, a shift in the00:26:01 -> 00:26:01builders being incentivized to increase supply. But now with the00:26:02 -> 00:26:12in the quantities of of housing units. And so these00:26:03 -> 00:26:14are of course conceptual.00:26:04 -> 00:26:17Simplified models of supply and demand, but I think they're00:26:05 -> 00:26:09tenure, that is, owning or renting a home, it's a00:26:09 -> 00:26:12hold how prices move up and down. And the00:26:14 -> 00:26:17Simplified models of supply and demand, but I think they're <tr< th=""><th>00:24:59> 00:25:02:</th><th>curve, raising the price per unit of housing and theoretically</th></tr<> | 00:24:59> 00:25:02: | curve, raising the price per unit of housing and theoretically |
| 00:25:08 -> 00:25:11we'll see the same thing but for the rental market.00:25:11 -> 00:25:14And again, we're looking at households and cash, but I00:25:14 -> 00:25:17think it's important to point out that if a household.00:25:19 -> 00:25:22unit that doesn't decrease the overall demand for housing. It00:25:24 -> 00:25:28unit that doesn't decrease the overall demand for housing. It00:25:25 -> 00:25:28unit that doesn't decrease the overall demand for housing. It00:25:26 -> 00:25:31now right as people get priced out of home purchases00:25:31 -> 00:25:37now wight as people get priced out of home purchases00:25:40 -> 00:25:42home. So demand in the rental markets also affected by00:25:40 -> 00:25:42the amount of options in the for sale market.00:25:43 -> 00:25:54add on the next slide, we'll talk about the in00:25:44 -> 00:25:55is steep because you can't just turn it on and00:25:45 -> 00:25:55off. So in the previous graph, a shift in the00:25:56 -> 00:26:01demand curve meaning would mean an increase in prices with00:26:01 -> 00:26:01builders being incentivized to increase supply. But now with the00:26:01 -> 00:26:02in the quantities of of housing units. And so these00:26:12 -> 00:26:21in all quantities of supply and demand, but I think they're00:26:14 -> 00:26:21dynamics of how prices move up and down. And the00:26:05 -> 00:26:22final point that I'd like to make is that housing00:26:12 -> 00:26:23dynamics of how prices move up and down. And the00:26:24 -> 00:26:29f | 00:25:02> 00:25:05: | making it economical for builders to deliver more supply to |
| 00:25:11> 00:25:14:And again, we're looking at households and cash, but I00:25:14> 00:25:17:think it's important to point out that if a household.00:25:17> 00:25:19:It's in the for sale market fails to purchase a00:25:22> 00:25:25:just moves that household from the for sale market into00:25:25> 00:25:26:the rental market and that's likely what we're seeing right00:25:26> 00:25:31:now right as people get priced out of home purchases00:25:31> 00:25:40:home. So demand in the rental market also affected by00:25:40> 00:25:41:home. So demand in the rental market also affected by00:25:43> 00:25:40:home. So demand in the rental markets also affected by00:25:44> 00:25:49:in in elasticity of supply of of housing which Steve00:25:53> 00:25:54:is the previous graph, a shift in the00:25:55> 00:25:55:off. So in the previous graph, a shift in the00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:02> 00:26:14:are of course conceptual.00:26:17> 00:26:14:are of course conceptual.00:26:17> 00:26:15:builders being incentivized to increase supply. But now with the00:26:02> 00:26:12:helpful nillustrating the interaction between the two and the00:26:14> 00:26:14:are of course conceptual.00:26:17> 00:26:15:builders being incentivized to increase supply. But now with the00:26:20> 00:26:21:in the quantities of of housing units. And so these00:26:17> 00:26:14:are of course conceptual | 00:25:05> 00:25:08: | meet that demand. If we go to the next slide, |
| 00:25:14 -> 00:25:17:think it's important to point out that if a household.00:25:17 -> 00:25:19:It's in the for sale market fails to purchase a00:25:19 -> 00:25:22:unit that doesn't decrease the overall demand for housing. It00:25:22 -> 00:25:23:in the rental market and that's likely what we're seeing right00:25:24 -> 00:25:31:now right as people get priced out of home purchases00:25:34 -> 00:25:31:now when they may be preferred to to own a00:25:37 -> 00:25:40:home. So demand in the rental markets also affected by00:25:40 -> 00:25:42:the amount of options in the for sale market.00:25:41 -> 00:25:42:And on the next slide, we'll talk about the in00:25:53 -> 00:25:42:in elasticity of supply of of housing which Steve00:25:54 -> 00:25:55:is steep because you can't just turn it on and00:25:55 -> 00:25:56:off. So in the previous graph, a shift in the00:25:56 -> 00:26:01:demand curve meaning would mean an increase in prices with00:26:05 -> 00:26:05:builders being incentivized to increase supply. But now with the00:26:12 -> 00:26:12:in the quantities of of housing units. And so these00:26:14 -> 00:26:12:how prices move up more quickly than increases00:26:17 -> 00:26:20:helpful in illustrating the interaction between the two and the00:26:21 -> 00:26:22:tenure, that is, owning or renting a home, it's a00:26:22: -> 00:26:22:tenure, that is, owning or netting a home, it's a00:26:23 -> 00:26:29:tenure, that is, owning or enting a howe, it's a00:26:24 -> 00:26:32:persona | 00:25:08> 00:25:11: | we'll see the same thing but for the rental market. |
| 00:25:17 -> 00:25:19:It's in the for sale market fails to purchase a unit that doesn't decrease the overall demand for housing. It just moves that household from the for sale market into00:25:22 -> 00:25:23:the rental market and that's likely what we're seeing right now right as people get priced out of home purchases00:25:31 -> 00:25:31:now right as people get priced out of home purchases00:25:37 -> 00:25:37:now when they may be preferred to to own a home. So demand in the rental markets also affected by 00:25:40 -> 00:25:42:00:25:40 -> 00:25:42:home. So demand in the rental markets also affected by 00:25:44 -> 00:25:52:00:25:54 -> 00:25:55:home. So demand in the rental markets also affected by the amount of options in the for sale market.00:25:40 -> 00:25:52:And on the next slide, we'll talk about the in in in elasticity of supply of of housing which Steve mentioned earlier on. So that means that the supply curve is steep because you can't just turn it on and 00:25:55 -> 00:25:58:00:25:55 -> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01 -> 00:26:02:builders being incentivized to increase supply. But now with the00:26:03 -> 00:26:12:in the quantities of of housing units. And so these are of course conceptual.00:26:11 -> 00:26:20:Steep inelastic curve prices move up more quickly than increases00:26:12 -> 00:26:12:in the quantities of of housing units. And so these are of course conceptual.00:26:20 -> 00:26:21:in the quantities of supply and demand, but I think they're helpful in illustrating the interaction between the two and the dynamics of how prices move up and do | 00:25:11> 00:25:14: | And again, we're looking at households and cash, but I |
| 00:25:19 -> 00:25:22:unit that doesn't decrease the overall demand for housing. It00:25:22 -> 00:25:25:just moves that household from the for sale market into00:25:28 -> 00:25:31:now right as people get priced out of home purchases00:25:31 -> 00:25:31:now right as people get priced out of home purchases00:25:31 -> 00:25:31:now when they may be preferred to to own a00:25:37 -> 00:25:40:home. So demand in the rental markets also affected by00:25:40 -> 00:25:42:the amount of options in the for sale market.00:25:41 -> 00:25:42:And on the next slide, we'll talk about the in00:25:42 -> 00:25:45:in in elasticity of supply of housing which Steve00:25:44 -> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:53 -> 00:25:55:is steep because you can't just turn it on and00:25:56 -> 00:26:01:builders being incentivized to increase supply. But now with the00:26:01 -> 00:26:02:builders being incentivized to increase supply. But now with the00:26:12 -> 00:26:12:in the quantities of of housing units. And so these00:26:14 -> 00:26:17:Simplified models of supply and demand, but I think they're00:26:20 -> 00:26:20:helpful in illustrating the interaction between the two and the00:26:21 -> 00:26:22:personal or cultural preference. Some people value the fiexibility of00:26:23 -> 00:26:23:personal or cultural preference. Some people value the fiexibility of00:26:33 -> 00:26:34:renting and some value the stability of owning. Some people00:26:33 -> 00:26:33:renting and some value the sta | 00:25:14> 00:25:17: | think it's important to point out that if a household. |
| 00:25:22just moves that household from the for sale market into00:25:25-> 00:25:28ithe rental market and that's likely what we're seeing right00:25:28-> 00:25:31now right as people get priced out of home purchases00:25:31-> 00:25:32now when they may be preferred to to own a00:25:37-> 00:25:40home. So demand in the rental markets also affected by00:25:40-> 00:25:42the amount of options in the for sale market.00:25:41-> 00:25:4300:25:43-> 00:25:4400:25:44-> 00:25:45in in elasticity of supply of of housing which Steve00:25:53-> 00:25:55is steep because you can't just turn it on and00:25:54-> 00:25:58off. So in the previous graph, a shift in the00:25:55-> 00:26:05builders being incentivized to increase supply. But now with the00:26:05-> 00:26:05builders being incentivized to increase supply. But now with the00:26:12-> 00:26:17Simplified models of supply and demand, but I think they're00:26:21-> 00:26:21builders of how prices move up and down. And the00:26:22-> 00:26:25builders of how prices move up and down. And the00:26:23-> 00:26:26final point that I'd like to make is that housing00:26:24-> 00:26:25builders of how prices move up and down. And the00:26:25-> 00:26:26final point that I'd like to make is that housing <th>00:25:17> 00:25:19:</th> <th>It's in the for sale market fails to purchase a</th> | 00:25:17> 00:25:19: | It's in the for sale market fails to purchase a |
| 00:25:25-> 00:25:2800:25:28-> 00:25:3100:25:31now right as people get priced out of home purchases00:25:31-> 00:25:3400:25:34with rising interest rates and and they're looking for rentals00:25:37now when they may be preferred to to own a00:25:37-> 00:25:4000:25:40-> 00:25:4200:25:41-> 00:25:4200:25:42the amount of options in the for sale market.00:25:43-> 00:25:4500:25:45-> 00:25:4500:25:45-> 00:25:5200:25:54-> 00:25:5200:25:55in in elasticity of supply of of housing which Steve00:25:55-> 00:25:5800:25:55off. So in the previous graph, a shift in the00:25:56-> 00:26:0100:26:01-> 00:26:05builders being incentivized to increase supply. But now with the00:26:03-> 00:26:0100:26:12in the quantities of of housing units. And so these00:26:14-> 00:26:1700:26:17Simplified models of supply and demand, but I think they're00:26:20-> 00:26:2000:26:21in the lop or ultural preference. Some people value the flexibility of00:26:23-> 00:26:2600:26:24-> 00:26:2600:26:25final point that I'd like to make is that housing00:26:29-> 00:26:3600:26:29tenure, that is, owning or renting a home, it's a00:26:29-> 00:26:3600:26:31-> 00:26:3600:26:33-> 0 | 00:25:19> 00:25:22: | unit that doesn't decrease the overall demand for housing. It |
| 00:25:28> 00:25:31:now right as people get priced out of home purchases00:25:31> 00:25:34:with rising interest rates and and they're looking for rentals00:25:37> 00:25:37:now when they may be preferred to to own a00:25:37> 00:25:40:home. So demand in the rental markets also affected by00:25:40> 00:25:42:the amount of options in the for sale market.00:25:41> 00:25:43:And on the next slide, we'll talk about the in00:25:42:the amount of options in the for sale market.00:25:43> 00:25:49:in in elasticity of supply of of housing which Steve00:25:54> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:55> 00:25:58:off. So in the previous graph, a shift in the00:26:01> 00:26:01:demand curve meaning would mean an increase in prices with00:26:02> 00:26:02:builders being incentivized to increase supply. But now with the00:26:03> 00:26:01:in the quantities of of housing units. And so these00:26:12> 00:26:12:in the quantities of supply and demand, but I think they're00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're00:26:20> 00:26:20:final point that I'd like to make is that housing00:26:21> 00:26:21:in personal or cultural preference. Some people value the final point that I'd like to make is that housing00:26:23> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:30:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting | 00:25:22> 00:25:25: | just moves that household from the for sale market into |
| 00:25:31> 00:25:34:with rising interest rates and and they're looking for rentals00:25:34> 00:25:37:now when they may be preferred to to own a00:25:37> 00:25:40:home. So demand in the rental markets also affected by00:25:40> 00:25:42:the amount of options in the for sale market.00:25:43> 00:25:49:in in elasticity of supply of of housing which Steve00:25:54> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:55> 00:25:55:is steep because you can't just turn it on and00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:11> 00:26:14:are of course conceptual.00:26:21> 00:26:23:dynamics of how prices move up and down. And the00:26:21> 00:26:23:dynamics of how prices move up and down. And the00:26:20> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:20> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:33> 00:26:39:don't like mowing lawns and shoveling snow, and some people | 00:25:25> 00:25:28: | the rental market and that's likely what we're seeing right |
| 00:25:34> 00:25:37:now when they may be preferred to o own a00:25:37> 00:25:40:home. So demand in the rental markets also affected by00:25:40> 00:25:42:the amount of options in the for sale market.00:25:43> 00:25:42:And on the next slide, we'll talk about the in00:25:44> 00:25:42:in in elasticity of supply of of housing which Steve00:25:44> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:53> 00:25:55:is steep because you can't just turn it on and00:25:55> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:12> 00:26:12:in the quantities of of housing units. And so these00:26:21> 00:26:12:in the quantities of supply and demand, but I think they're helpful in illustrating the interaction between the two and the00:26:23> 00:26:29:tenure, that is, owning or renting a home, it's a personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people don't like mowing lawns and shoveling snow, and some people00:26:36> 00:26:40:are OK. And I don't believe that three's anything inherently good | 00:25:28> 00:25:31: | now right as people get priced out of home purchases |
| 00:25:37> 00:25:40:home. So demand in the rental markets also affected by00:25:40> 00:25:42:the amount of options in the for sale market.00:25:43> 00:25:46:And on the next slide, we'll talk about the in00:25:46> 00:25:49:in in elasticity of supply of of housing which Steve00:25:53> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:55> 00:25:58:off. So in the previous graph, a shift in the00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:12> 00:26:11:in the quantities of of housing units. And so these00:26:12> 00:26:12:in the quantities of supply and demand, but I think they're00:26:20> 00:26:21:helpful in illustrating the interaction between the two and the00:26:20> 00:26:22:tenure, that is, owning or renting a home, it's a00:26:23> 00:26:23:personal or cultural preference. Some people value the flexibility of00:26:23> 00:26:34:renting and some value the stability of owning. Some people00:26:33> 00:26:34:renting and some value the stability of owning. Some people00:26:33> 00:26:34:are OK.00:26:34> 00:26:44:And I don't believe that there's anything inherentty good | 00:25:31> 00:25:34: | with rising interest rates and and they're looking for rentals |
| 00:25:40> 00:25:42:the amount of options in the for sale market.00:25:43> 00:25:46:And on the next slide, we'll talk about the in00:25:46> 00:25:49:in in elasticity of supply of of housing which Steve00:25:53> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:53> 00:25:55:is steep because you can't just turn it on and00:25:55> 00:26:01:demand curve meaning would mean an increase in prices00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:11> 00:26:11:in the quantities of of housing units. And so these00:26:09> 00:26:12:in the quantities of supply and demand, but I think they're00:26:11> 00:26:17:Simplified models of supply and down. And the00:26:20> 00:26:20:helpful in illustrating the interaction between the two and the00:26:20> 00:26:21:final point that I'd like to make is that housing00:26:23> 00:26:22:tenure, that is, owning or renting a home, it's a00:26:23> 00:26:23:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:34:renting and some value the stability of owning. Some people00:26:33> 00:26:34:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:34> 00:25:37: | now when they may be preferred to to own a |
| 00:25:43> 00:25:46:And on the next slide, we'll talk about the in00:25:46> 00:25:49:in in elasticity of supply of of housing which Steve00:25:53> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:53> 00:25:55:is steep because you can't just turn it on and00:25:55> 00:25:58:off. So in the previous graph, a shift in the00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:12> 00:26:14:are of course conceptual.00:26:14> 00:26:20:helpful in illustrating the interaction between the two and the00:26:20> 00:26:20:dynamics of how prices move up and down. And the00:26:21> 00:26:22:final point that I'd like to make is that housing00:26:23> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:29:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:30:renting and some value the stability of owning. Some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:37> 00:25:40: | home. So demand in the rental markets also affected by |
| 00:25:46> 00:25:49:in in elasticity of supply of of housing which Steve00:25:49> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:53> 00:25:53:is steep because you can't just turn it on and00:25:55> 00:25:58:off. So in the previous graph, a shift in the00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:12> 00:26:14:are of course conceptual.00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're helpful in illustrating the interaction between the two and the 00:26:20> 00:26:20:00:26:20> 00:26:20:final point that I'd like to make is that housing dynamics of how prices move up and down. And the 00:26:21> 00:26:20:00:26:22> 00:26:20:final point that I'd like to make is that housing tenure, that is, owning or renting a home, it's a personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:30:renting and some value the stability of owning. Some people don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK. And I don't believe that there's anything inherently good | 00:25:40> 00:25:42: | the amount of options in the for sale market. |
| 00:25:49> 00:25:52:mentioned earlier on. So that means that the supply curve00:25:53> 00:25:55:is steep because you can't just turn it on and00:25:55> 00:25:58:off. So in the previous graph, a shift in the00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:10> 00:26:11:in the quantities of of housing units. And so these00:26:12> 00:26:12:in the quantities of supply and demand, but I think they're00:26:21> 00:26:20:helpful in illustrating the interaction between the two and the00:26:22> 00:26:23:dynamics of how prices move up and down. And the00:26:23> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:34:renting and some value the stability of owning. Some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:43> 00:25:46: | And on the next slide, we'll talk about the in |
| 00:25:53> 00:25:55:is steep because you can't just turn it on and off. So in the previous graph, a shift in the demand curve meaning would mean an increase in prices with00:26:01> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:11> 00:26:12:in the quantities of supply and demand, but I think they're00:26:12> 00:26:17:Simplified models of supply and demand, but I think they're00:26:20> 00:26:20:helpful in illustrating the interaction between the two and the00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:23> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:39:renting and some value the stability of owning. Some people00:26:33> 00:26:39:are OK.00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:46> 00:25:49: | in in elasticity of supply of of housing which Steve |
| 00:25:55> 00:25:58:off. So in the previous graph, a shift in the00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:19> 00:26:12:in the quantities of of housing units. And so these00:26:11> 00:26:12:in the quantities of supply and demand, but I think they're00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're00:26:20> 00:26:20:dynamics of how prices move up and down. And the00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:27> 00:26:36:renting and some value the stability of owning. Some people00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:39> 00:26:39:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:49> 00:25:52: | mentioned earlier on. So that means that the supply curve |
| 00:25:58> 00:26:01:demand curve meaning would mean an increase in prices with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:12> 00:26:14:are of course conceptual.00:26:17> 00:26:20:billeful in illustrating the interaction between the two and the dynamics of how prices move up and down. And the00:26:20> 00:26:22:tenure, that is, owning or renting a home, it's a00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:36:renting and some value the stability of owning. Some people don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:53> 00:25:55: | is steep because you can't just turn it on and |
| with00:26:01> 00:26:05:builders being incentivized to increase supply. But now with the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:12> 00:26:14:are of course conceptual.00:26:17> 00:26:17:Simplified models of supply and demand, but I think they're00:26:20> 00:26:20:helpful in illustrating the interaction between the two and the00:26:23> 00:26:23:dynamics of how prices move up and down. And the00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:55> 00:25:58: | off. So in the previous graph, a shift in the |
| the00:26:05> 00:26:09:steep inelastic curve prices move up more quickly than increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:12> 00:26:14:are of course conceptual.00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're00:26:17> 00:26:20:helpful in illustrating the interaction between the two and the00:26:20> 00:26:23:dynamics of how prices move up and down. And the00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:25:58> 00:26:01: | |
| increases00:26:09> 00:26:12:in the quantities of of housing units. And so these00:26:12> 00:26:14:are of course conceptual.00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're00:26:17> 00:26:20:helpful in illustrating the interaction between the two and the00:26:20> 00:26:23:dynamics of how prices move up and down. And the00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:01> 00:26:05: | |
| 00:26:12> 00:26:14:are of course conceptual.00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're00:26:17> 00:26:20:helpful in illustrating the interaction between the two and the00:26:20> 00:26:23:dynamics of how prices move up and down. And the00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:05> 00:26:09: | |
| 00:26:14> 00:26:17:Simplified models of supply and demand, but I think they're helpful in illustrating the interaction between the two and the dynamics of how prices move up and down. And the 00:26:23> 00:26:26:00:26:23> 00:26:26:final point that I'd like to make is that housing tenure, that is, owning or renting a home, it's a personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:09> 00:26:12: | in the quantities of of housing units. And so these |
| 00:26:17> 00:26:20:helpful in illustrating the interaction between the two and the dynamics of how prices move up and down. And the dynamics of how prices move up and down. And the final point that I'd like to make is that housing tenure, that is, owning or renting a home, it's a 00:26:29> 00:26:32:00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:12> 00:26:14: | are of course conceptual. |
| 00:26:20> 00:26:23:dynamics of how prices move up and down. And the00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:14> 00:26:17: | Simplified models of supply and demand, but I think they're |
| 00:26:23> 00:26:26:final point that I'd like to make is that housing00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:17> 00:26:20: | helpful in illustrating the interaction between the two and the |
| 00:26:26> 00:26:29:tenure, that is, owning or renting a home, it's a00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:20> 00:26:23: | dynamics of how prices move up and down. And the |
| 00:26:29> 00:26:32:personal or cultural preference. Some people value the flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:23> 00:26:26: | final point that I'd like to make is that housing |
| flexibility of00:26:33> 00:26:36:renting and some value the stability of owning. Some people00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:26> 00:26:29: | tenure, that is, owning or renting a home, it's a |
| 00:26:36> 00:26:39:don't like mowing lawns and shoveling snow, and some people00:26:39> 00:26:40:are OK.00:26:40> 00:26:44:And I don't believe that there's anything inherently good | 00:26:29> 00:26:32: | |
| people 00:26:39> 00:26:40: are OK. 00:26:40> 00:26:44: And I don't believe that there's anything inherently good | 00:26:33> 00:26:36: | renting and some value the stability of owning. Some people |
| 00:26:39> 00:26:40: are OK. 00:26:40> 00:26:44: And I don't believe that there's anything inherently good | 00:26:36> 00:26:39: | don't like mowing lawns and shoveling snow, and some |
| 00:26:40> 00:26:44: And I don't believe that there's anything inherently good | | |
| | | |
| | 00:26:40> 00:26:44: | , , , , , |

| 00:26:44> 00:26:47: | new home ownership. And the usual justifications for home ownership, |
|---------------------|--|
| 00:26:47> 00:26:51: | whether they be increased civic participation or the supposed benefits |
| 00:26:51> 00:26:54: | to children growing up in own homes, these are ultimately |
| 00:26:54> 00:26:55: | classist. |
| 00:26:55> 00:26:59: | The financial outperformance of homes, while real, only exists because |
| 00:26:59> 00:27:02: | of the supply imbalance relative to demand. If there were |
| 00:27:02> 00:27:04: | true balance in the market, there would be no reason |
| 00:27:04> 00:27:07: | that home prices should grow at a faster rate than |
| 00:27:07> 00:27:08: | regular inflation. |
| 00:27:08> 00:27:12: | And so, as a homeowner myself, I'm certainly not arguing |
| 00:27:12> 00:27:15: | against homeownership. What I am arguing for is a system |
| 00:27:15> 00:27:17: | where people can choose to rent or own the full |
| 00:27:17> 00:27:21: | spectrum of housing types, and where home ownership is not |
| 00:27:21> 00:27:24: | subsidized by taxpayers. And where the burden of that subsidy |
| 00:27:24> 00:27:27: | falls on renters who do not even benefit from those |
| 00:27:27> 00:27:30: | subsidies, and where those renters are largely low income and |
| 00:27:30> 00:27:31: | people of color. |
| 00:27:32> 00:27:34: | In the case of Toronto, as we see on the |
| 00:27:34> 00:27:35: | next slide. |
| 00:27:36> 00:27:39: | The subsidies for home ownership have resulted in condo development |
| 00:27:39> 00:27:43: | wildly skewed towards units with fewer bedrooms, shifting supply curve |
| 00:27:43> 00:27:46: | for family size units left and making the city increasingly |
| 00:27:46> 00:27:49: | unaffordable for families. And so this is all to say |
| 00:27:49> 00:27:52: | that there's a myriad of macroeconomic forces that shape demand, |
| 00:27:52> 00:27:55: | but there are also forces within our control that are |
| 00:27:55> 00:27:58: | distorting the demand side of the housing market and that |
| 00:27:58> 00:28:00: | we as a society have the ability to change. |
| 00:28:01> 00:28:03: | And with that, I'll pass it on to Sean. |
| 00:28:09> 00:28:12: | Great. Yeah. Sorry. Thank you. Thank you very much. |
| 00:28:14> 00:28:17: | It's it's a pleasure to participate in this panel. There's |
| 00:28:17> 00:28:20: | been a lot of great content shared so far, a |
| 00:28:20> 00:28:24: | lot of interesting slides and and data presented and hopefully |
| 00:28:24> 00:28:27: | I can contribute to that a bit. It's it's it's |
| 00:28:27> 00:28:31: | interesting to me as someone who tracks new development activity |
| 00:28:31> 00:28:35: | very closely how the discourse in the market has shifted |

| 00:28:35> 00:28:39: | so much towards the supply side recently which is it's |
|---------------------|--|
| 00:28:39> 00:28:43: | definitely important but when it comes to new developments when |
| 00:28:43> 00:28:44: | talking about. |
| 00:28:44> 00:28:48: | Supply issues, you're you're also really talking about demand issues |
| 00:28:48> 00:28:51: | as well and and this is this is because of |
| 00:28:51> 00:28:54: | the way we build in the GTA, consider that that |
| 00:28:54> 00:28:58: | condos represent about 2/3 of all housing developments in the |
| 00:28:58> 00:29:02: | region. There's now almost 100,000 condoms that are under construction |
| 00:29:02> 00:29:05: | across the GTA right now plus another 30,000 or so |
| 00:29:05> 00:29:09: | units in pre construction sales of all they'll be starting |
| 00:29:09> 00:29:10: | construction soon. |
| 00:29:12> 00:29:15: | We now have over 2000 condo buildings completed in in |
| 00:29:15> 00:29:19: | the GTA and that that's that's totaling over 400,000 units. |
| 00:29:19> 00:29:23: | So the condo market is massive, it's it's it's actually |
| 00:29:23> 00:29:27: | larger than the number of purpose built rentals that we |
| 00:29:27> 00:29:29: | have in the GTA right now and that is a |
| 00:29:29> 00:29:32: | very significant milestone that really tells. |
| 00:29:33> 00:29:36: | The story of how the GTA landscape has evolved over |
| 00:29:36> 00:29:40: | the last decade, right. And and and investors own about |
| 00:29:40> 00:29:43: | 40% of the total cost of stock. They represent about |
| 00:29:43> 00:29:46: | 6070% of new condo buyers. So when we talk about |
| 00:29:46> 00:29:50: | supply and GTA, we're also talking about demand and we're |
| 00:29:50> 00:29:54: | also in particular talking about investor demand and in doing |
| 00:29:54> 00:29:58: | so, we're also talking about future rental supply. So you |
| 00:29:58> 00:30:01: | know you can try to help developers on their costs |
| 00:30:01> 00:30:04: | and their construction speed, but if investors. |
| 00:30:04> 00:30:07: | Are interested in buying, ultimately it's going to impede on |
| 00:30:07> 00:30:09: | new development. Next slide please. |
| 00:30:11> 00:30:15: | We've recently released some reports on the new development market |
| 00:30:15> 00:30:18: | that have made quite a few headlines. The first being |
| 00:30:18> 00:30:21: | the the sharp pullback in new condo sales and pre |
| 00:30:21> 00:30:25: | law pre sale launches recently which is a function of |
| 00:30:25> 00:30:29: | demand, investor demand but also high development costs today that |
| 00:30:29> 00:30:33: | are impacting the volume of new projects being brought to |
| 00:30:33> 00:30:37: | presale and that will eventually impact supply in the future |
| 00:30:37> 00:30:40: | and with the regions key engine of housing supply. |
| 00:30:40> 00:30:44: | Growth in condos set to slow down. Unfortunately, there's nothing |
| | |

| 00:30:44> 00:30:48: | else that's been picking up the slack. Rental projects are |
|---------------------|---|
| 00:30:48> 00:30:51: | also finding it unfeasible to proceed a new low rise |
| 00:30:51> 00:30:54: | home sales of all but vanished. And on top of |
| 00:30:54> 00:30:58: | this, as we've heard from the other panelists, we now |
| 00:30:58> 00:31:01: | have a target for immigration that will reach 500,000 in |
| 00:31:01> 00:31:04: | a few years. That is an extra 200,000 people per |
| 00:31:04> 00:31:08: | year above what the country normally brings in as new |
| 00:31:08> 00:31:10: | immigrants, not to mention. |
| 00:31:10> 00:31:14: | Non permanent residents, which provides a pretty clear picture of |
| 00:31:14> 00:31:17: | what the housing landscape is going to look like in |
| 00:31:17> 00:31:20: | a few years. Now there's there's obviously a lot of |
| 00:31:20> 00:31:24: | efforts to raise supply through new housing bills, but I |
| 00:31:24> 00:31:27: | can assure you that there is almost nothing that the |
| 00:31:27> 00:31:30: | government can do to correct this situation in the next |
| 00:31:30> 00:31:33: | few years. Supply is a slow moving machine and it |
| 00:31:33> 00:31:36: | takes time to turn around in the meantime. Next slide |
| 00:31:36> 00:31:37: | please. |
| 00:31:38> 00:31:41: | The conversation around housing is and will continue to be |
| 00:31:42> 00:31:45: | dominated by high interest rates, still high home prices. And |
| 00:31:45> 00:31:49: | the combination of the two has caused ownership affordability to |
| 00:31:49> 00:31:52: | reach what is perhaps a record low, right worse than |
| 00:31:52> 00:31:54: | in the early 90s, worse than in the early 80s |
| 00:31:54> 00:31:58: | when interest rates were in the double digits when you |
| 00:31:58> 00:32:01: | measure the percentage of of income eaten up by mortgage |
| 00:32:01> 00:32:04: | payments associated with buying the average price home. Now you |
| 00:32:05> 00:32:08: | can sort of overlay these two charts together and see |
| 00:32:08> 00:32:08: | a very clear. |
| 00:32:08> 00:32:12: | Negative correlation here and this is quite clearly causing a |
| 00:32:12> 00:32:16: | sharp reduction in home ownership affordability as viewed through the |
| 00:32:16> 00:32:20: | latest census data that we've recently received. And this shows |
| 00:32:20> 00:32:23: | home ownership in the GTA falling continuously over the last |
| 00:32:23> 00:32:25: | 10 years. It's now down to a 20 year low. |
| 00:32:26> 00:32:29: | It's pretty clear to us that this trend will continue |
| 00:32:29> 00:32:31: | in the next 10 years. So we need as an |
| 00:32:31> 00:32:35: | industry to get prepared right there. The government can't really |
| 00:32:35> 00:32:38: | control interest rates. I mean it's quasi government, it's the. |
| 00:32:38> 00:32:42: | Kind of candidates, certainly the job of monetary policy, but |

| 00:32:42> 00:32:44: | they can influence what type of housing we build. |
|---------------------|---|
| 00:32:46> 00:32:50: | The reliance on on condos for new developments and |
| | investors |
| 00:32:50> 00:32:53: | for new conduit, it's it's worked very well in a |
| 00:32:53> 00:32:58: | low interest rate, high price growth environment and |
| | investors have |
| 00:32:58> 00:33:01: | done very, very well over the last 10 years, which |
| 00:33:01> 00:33:04: | is why we have so many of them. Next chart |
| 00:33:04> 00:33:05: | please. |
| 00:33:07> 00:33:09: | But as you can see in the data. |
| 00:33:10> 00:33:14: | Things are things are shifting quickly. New condo sales in |
| 00:33:14> 00:33:17: | the third quarter were down nearly 80% year over year. |
| 00:33:17> 00:33:20: | Outside of the first few months of the pandemic, this |
| 00:33:20> 00:33:23: | was the lowest volume of new condo sales since the |
| 00:33:23> 00:33:26: | financial crisis in early 09. As you can see from |
| 00:33:26> 00:33:30: | the chart on the right, absorption rates for new launches |
| 00:33:30> 00:33:32: | fell to a near record low and it it really |
| 00:33:32> 00:33:36: | just shows how difficult the current environment is for developers |
| 00:33:36> 00:33:38: | to sell and and this time. |
| 00:33:38> 00:33:41: | You know we we don't have the ability to quickly |
| 00:33:41> 00:33:45: | recover by dropping interest rates given the inflation fighting |
| | course |
| 00:33:45> 00:33:47: | that we seem to be on. You know, it's it's |
| 00:33:48> 00:33:50: | it's only one quarter of data for sure, but it |
| 00:33:50> 00:33:53: | seems unlikely we will be moving back to previous highs |
| 00:33:53> 00:33:56: | for new condo sales in the near term. So. So |
| 00:33:56> 00:33:59: | what does this mean? What does this change in demand |
| 00:33:59> 00:34:01: | mean for the market? Next, next slide please. |
| 00:34:02> 00:34:05: | Well, there's about a 12 month lag between new condo |
| 00:34:06> 00:34:09: | sales and construction starts. So by around mid next year, |
| 00:34:09> 00:34:13: | we'll start to see condo construction levels fall in the |
| 00:34:13> 00:34:16: | GTA meaningfully for the first time in decades. And and |
| 00:34:16> 00:34:20: | and this is important given how much weight condos carry |
| 00:34:20> 00:34:23: | not only to to housing supply but also broader economic |
| 00:34:23> 00:34:25: | activity in the region. |
| 00:34:26> 00:34:28: | And then in about four to five years time, the |
| 00:34:28> 00:34:31: | hit to completions will will come right, which is which |
| 00:34:31> 00:34:34: | is when the real impact of the slowdown in cognitive |
| 00:34:34> 00:34:35: | sales would be felt. |
| 00:34:36> 00:34:39: | In the meantime, however, it will feel like we're building |
| 00:34:39> 00:34:42: | a lot because that record number of units that are |
| 00:34:42> 00:34:45: | that are under construction right now will bring about more |
| | |

| 00:34:45> 00:34:48: 00:34:49> 00:34:52: | completions supply in the near term, we'll benefit from past strength and condo demand. Actually next year we're we're expecting |
|--|--|
| 00:34:52> 00:34:56: | about 30,000 calling completions. Well, it'll, it'll make for a |
| 00:34:56> 00:34:58: | record year, but I I believe it's masking what is |
| 00:34:59> 00:35:01: | actually happening behind the scenes. |
| 00:35:02> 00:35:05: | If you if you flip to the next slide please |
| 00:35:05> 00:35:08: | you see that the the eventual slowdown in condo supply |
| 00:35:08> 00:35:11: | it's it's going to hit the rental market the hardest. |
| 00:35:11> 00:35:14: | The latest census data showed us that close to 60% |
| 00:35:14> 00:35:17: | of newly completed condos are used as rentals and and |
| 00:35:17> 00:35:19: | you can see from the chart there that just how |
| 00:35:19> 00:35:22: | much that share has grown over the past ten years |
| 00:35:22> 00:35:25: | and just how important condo investors are to supplying the |
| 00:35:25> 00:35:27: | region with new rental supply. |
| 00:35:28> 00:35:31: | So as much as we need investors to continue buying |
| 00:35:31> 00:35:34: | new condos to supply rental units into the future, the |
| 00:35:34> 00:35:37: | economics of doing so right now just don't work as |
| 00:35:37> 00:35:39: | well anymore. Next slide, please. |
| 00:35:40> 00:35:42: | And and and this is really because of how |
| 00:35:43> 00:35:45: | sticky new condo prices are due to high costs. |
| 00:35:47> 00:35:50: | And and and you can see how that compares |
| 00:35:50> 00:35:53: | to the current trends for resale prices. Investors would need |
| 00:35:53> 00:35:56: | to pay a record high premium over resale units in |
| 00:35:56> 00:36:00: | today's market if if they're if they're looking to buy |
| 00:36:00> 00:36:02: | as an investment and and this is fine if you |
| 00:36:02> 00:36:06: | believe that the value of the unit will appreciate by |
| 00:36:06> 00:36:08: | more than 30 to 40% over the next few years |
| 00:36:08> 00:36:12: | while while the units in development but given the current |
| 00:36:12> 00:36:15: | landscape not many are willing to take that bet right |
| 00:36:15> 00:36:15: | now. |
| 00:36:16> 00:36:19: | Next slide please and and on top of this. |
| 00:36:20> 00:36:22: | You have a record wide gap that has opened up |
| 00:36:22> 00:36:25: | between the cost of owning and the cost of renting |
| 00:36:25> 00:36:29: | the same conduit, which creates a situation effectively where most |
| 00:36:29> 00:36:32: | investors will face negative cash flow. |
| 00:36:33> 00:36:35: | And and and at the same time this is |
| 00:36:35> 00:36:38: | putting a lot of upward pressure on rents back right |
| 00:36:38> 00:36:39: | as as the economics of renting. |
| 00:36:40> 00:36:43: | Become much more favorable in a greater proportion of of |
| 00:36:43> 00:36:46: | would be first time buyers are locked out of the |
| 00:36:46> 00:36:48: | market. You, you, you you see a lot more demand |

| 00:36:48> 00:36:52: | filtering into rentals and this is demand from higher income |
|---------------------|---|
| 00:36:52> 00:36:55: | individuals who what would have otherwise purchased. So you have |
| 00:36:55> 00:36:58: | more money, more people as Tobias was talking about chasing |
| 00:36:58> 00:37:02: | basically a stagnant supply of new rentals and this creates |
| 00:37:02> 00:37:04: | a big conundrum for the market. We we know rental |
| 00:37:05> 00:37:09: | demand will rise with higher integration and reduced ownership affordability. |
| 00:37:09> 00:37:11: | But at the same time, supply won't be moving in |
| 00:37:11> 00:37:14: | the opposite direction. You flip to the next slide, please. |
| 00:37:16> 00:37:20: | Higher interest rates and and high development costs are not |
| 00:37:20> 00:37:24: | only impacting condo launches but also rental construction starts and |
| 00:37:24> 00:37:28: | and this is happening after meaningful progress I would say. |
| 00:37:30> 00:37:33: | Last year 2021 we reported a multi decade high for |
| 00:37:33> 00:37:36: | rental start so just over 7500 units. Now it wasn't |
| 00:37:36> 00:37:39: | enough to you know start filling the rental supply gap |
| 00:37:39> 00:37:42: | but you know it was, it was, it was, it |
| 00:37:42> 00:37:45: | was the most rental construction that we saw start in |
| 00:37:45> 00:37:47: | in in in about 30 years over 30 years and |
| 00:37:48> 00:37:51: | it certainly was putting us on the right trajectory. It |
| 00:37:51> 00:37:54: | looked like a lot of a lot of promising new |
| 00:37:54> 00:37:57: | supply was getting into the pipeline but this year so |
| 00:37:57> 00:38:00: | far year to date starts for rentals and dropped 72. |
| 00:38:00> 00:38:03: | Percent year over year. There's been basically no rental starts |
| 00:38:03> 00:38:06: | in the last two quarters. I think I could count |
| 00:38:06> 00:38:09: | maybe two projects that started since the first quarter. |
| 00:38:10> 00:38:13: | So against this backdrop of declining starts and and and |
| 00:38:13> 00:38:18: | and obviously rising population, the housing supply deficit whatever that |
| 00:38:18> 00:38:21: | number is, it's it's going to be, it's going to |
| 00:38:21> 00:38:25: | be bigger in the next few years. Population projections. Next |
| 00:38:25> 00:38:29: | slide, next slide please. Population projections made before the recent |
| 00:38:29> 00:38:33: | increase in immigration was calling for growth of 1.24 million |
| 00:38:33> 00:38:36: | residents in the GTA over the next 10 years. That's |
| 00:38:36> 00:38:40: | that's 50% higher than the previous ten year growth which |
| 00:38:40> 00:38:41: | was about 849,000. |
| 00:38:42> 00:38:44: | And it equals, if you take, you know, the average |
| 00:38:44> 00:38:48: | household size is around 2.5. It equals demand, demographic demand |

| 00:38:48> 00:38:51: | for about 50,000 housing units or more per year. Whereas |
|---------------------|--|
| 00:38:51> 00:38:53: | as you can see from the chart on the left, |
| 00:38:53> 00:38:56: | the current pace of building in the GTA is about |
| 00:38:56> 00:38:59: | 40,000 units and it's trending down given the fact that |
| 00:38:59> 00:39:03: | we're seeing slower new condo launches and fewer rental |
| | construction |
| 00:39:03> 00:39:03: | starts. |
| 00:39:04> 00:39:08: | So this will be obviously particularly problematic for the rental |
| 00:39:08> 00:39:10: | market as we know the majority of new immigrants that |
| 00:39:10> 00:39:12: | come into the GTA tend to rent. |
| 00:39:13> 00:39:16: | And and retro household formation is is already accelerating much |
| 00:39:17> 00:39:20: | faster than ownership household formation, next slide please. |
| 00:39:21> 00:39:25: | And in fact renter household information that GTA is rising |
| 00:39:25> 00:39:28: | 3 1/2 times faster than the rate of ownership household |
| 00:39:28> 00:39:31: | formation. However, the stock of rentals has basically been stagnant |
| 00:39:31> 00:39:34: | right? If you look at 26% growth in rental household |
| 00:39:34> 00:39:37: | formation over the last 10 years, the number of purpose |
| 00:39:37> 00:39:40: | built rentals in the GTA has increased by less than |
| 00:39:40> 00:39:41: | 5%. |
| 00:39:42> 00:39:45: | And I'll tap off my my comments just with with |
| 00:39:45> 00:39:48: | the chart on the right there that shows the challenges |
| 00:39:48> 00:39:51: | that developers face in meeting demand as it takes on |
| 00:39:51> 00:39:54: | average 100 months to bring a project from application submission |
| 00:39:55> 00:39:57: | to completion and and it's and as you can see |
| 00:39:57> 00:40:00: | it's not just approvals and permitting delays but it's also |
| 00:40:00> 00:40:04: | labor capacity. It's construction innovation, right. It takes the same |
| 00:40:04> 00:40:07: | amount of time to build a building today as it |
| 00:40:07> 00:40:10: | has you know over the last 30-40 years and this |
| 00:40:10> 00:40:12: | is really slowing things down it's it's. |
| 00:40:12> 00:40:14: | It's a very, very complex issue. |
| 00:40:15> 00:40:16: | I don't think it's going to be solved in the |
| 00:40:16> 00:40:17: | near term, unfortunately. |
| 00:40:18> 00:40:18: | Thank you. |
| 00:40:21> 00:40:22: | Thanks, Sean. |
| 00:40:23> 00:40:24: | Thanks everybody. |
| 00:40:25> 00:40:29: | Um, we have that. That was so incredible. I was |
| 00:40:29> 00:40:31: | taking notes furiously and. |
| 00:40:31> 00:40:35: | And most of you have already answered the questions I |
| 00:40:35> 00:40:39: | had for you today that I've written down new ones |

| 00:40:39> 00:40:42: | and we've got about 20 minutes. So I'm going to |
|---------------------|--|
| 00:40:42> 00:40:45: | ask that even though I'm trying to get through a |
| 00:40:45> 00:40:49: | lot of questions, if we could try and answer them |
| 00:40:49> 00:40:52: | pretty quickly so we can move on to new ones. |
| 00:40:52> 00:40:55: | But so, John, I hope it's OK to start with |
| 00:40:55> 00:40:55: | you. |
| 00:40:57> 00:41:02: | Over the past several years, I have followed your super |
| 00:41:02> 00:41:07: | insightful research that you've been doing tracking tons of data |
| 00:41:07> 00:41:12: | and in particular tracking a lot of investor activity and |
| 00:41:12> 00:41:16: | its impact on housing prices in the GTA over time. |
| 00:41:16> 00:41:20: | So could you please talk a little bit about how |
| 00:41:20> 00:41:25: | significant a role investors have had on demand and ultimately |
| 00:41:25> 00:41:27: | on housing affordability and? |
| 00:41:27> 00:41:30: | What you think this looks like going forward? |
| 00:41:31> 00:41:35: | Yeah, I mean it's been quite interesting actually because I |
| 00:41:35> 00:41:38: | think Toronto is quite unique compared to a lot of |
| 00:41:38> 00:41:41: | other places. I mean usually when we look at investor |
| 00:41:41> 00:41:45: | demand, you know, there's these big bursts and and it's |
| 00:41:45> 00:41:48: | speculative kind of like in the US during the financial |
| 00:41:48> 00:41:52: | crisis. But right now, you know, Torontonians are are real |
| 00:41:52> 00:41:56: | estate obsessed because I mean it's been the best investment. |
| 00:41:56> 00:41:59: | I mean you're, you're, you're leveraged you know 80%, you |
| 00:41:59> 00:42:02: | know and you're making 10% per year. |
| 00:42:02> 00:42:04: | On your, on your 20% down, like you cannot beat |
| 00:42:04> 00:42:07: | those returns. And you know, on top of that, people |
| 00:42:07> 00:42:10: | are looking at what's going on. And and This is |
| 00:42:10> 00:42:12: | why no one like the first question we get on |
| 00:42:12> 00:42:15: | the ground when people want to move and move to |
| 00:42:15> 00:42:17: | another home, it's can I keep my current home as |
| 00:42:17> 00:42:20: | a rental property? Like always, it's like 90% of people |
| 00:42:20> 00:42:23: | is the first question they ask and if they can, |
| 00:42:23> 00:42:26: | they just hold it right. And again, like I think, |
| 00:42:26> 00:42:28: | I think Tobias mentioned like at the end of the |
| 00:42:28> 00:42:31: | day, as long as they're renting it, I mean sure, |
| 00:42:31> 00:42:32: | they're renting it, it's. |
| 00:42:32> 00:42:35: | Providing rental stock, but at the end of the day |
| 00:42:35> 00:42:37: | what this is end up doing is just it's just |
| 00:42:37> 00:42:41: | driving up prices right, because you have more well capitalized |
| 00:42:41> 00:42:43: | people who are taking the stock aren't renting it. |

| 00:42:51> 00:42:53: | OK. I think John is stalled or Irvine or am |
|---------------------|--|
| 00:42:53> 00:42:55: | I the person who has stalled? |
| 00:42:57> 00:42:57: | OK. |
| 00:42:58> 00:43:00: | Oh, I might just jump. |
| 00:43:00> 00:43:00: | All right. |
| 00:43:02> 00:43:05: | Thanks, John. I'm going to jump to Sean to sort |
| 00:43:05> 00:43:07: | of riff on that. Sean, you gave us like so |
| 00:43:08> 00:43:11: | much information on where investors are at, how it's going |
| 00:43:11> 00:43:15: | to affect the rental market, how it's going to affect |
| 00:43:15> 00:43:19: | supply in general with these market conditions. There's so many |
| 00:43:19> 00:43:22: | different factors at play. I'm curious what you think going |
| 00:43:22> 00:43:26: | forward is going to happen are. Are we just going |
| 00:43:26> 00:43:28: | to sort of pause, you know, skip a beat and |
| 00:43:28> 00:43:31: | then go back to the way that condos have moved |
| 00:43:31> 00:43:32: | forward? |
| 00:43:32> 00:43:35: | Um, with as you described 40 to 50% of that |
| 00:43:35> 00:43:40: | demand coming from investors, you know, providing that rental supply |
| 00:43:40> 00:43:43: | or do you think investors might start to move to |
| 00:43:43> 00:43:47: | the resale market given the delta and those prices that |
| 00:43:47> 00:43:48: | you illustrated? |
| 00:43:51> 00:43:53: | I think that the the condo market has evolved a |
| 00:43:53> 00:43:56: | lot over the last over the last 10 years and |
| 00:43:56> 00:43:59: | I think it's going to continue to evolve. One of |
| 00:43:59> 00:44:02: | the interesting things that that's come through the data in |
| 00:44:02> 00:44:05: | the last couple of years is that the majority of |
| 00:44:05> 00:44:08: | new condo sales in the majority of new condo development |
| 00:44:08> 00:44:11: | right now in the GTA is not in the City |
| 00:44:11> 00:44:13: | of Toronto, it's in the 9:05. So I think, I |
| 00:44:13> 00:44:14: | think investors. |
| 00:44:15> 00:44:19: | Have adjusted to high prices and and obviously they're starting |
| 00:44:20> 00:44:23: | to look at higher interest rates to sort of Orient |
| 00:44:23> 00:44:26: | themselves towards what they consider to be value sites. So |
| 00:44:26> 00:44:30: | those those those areas of the market that could be |
| 00:44:30> 00:44:32: | potentially higher growth areas and. |
| 00:44:33> 00:44:37: | Also you know provide better potential rental yields and and |
| 00:44:37> 00:44:40: | and returns on investment because you know buying in the |
| 00:44:40> 00:44:43: | downtown core at today's average price per square foot. I |
| 00:44:43> 00:44:47: | mean minimum entry level unit is like 1,000,000 bucks OK. |
| 00:44:47> 00:44:49: | So a lot of investors are are saying OK I'm |
| 00:44:49> 00:44:52: | not I'm not paying that even if it's a 400 |

| 00:44:52> 00:44:55: | square foot unit it's it's it's \$1,000,000 at the |
|---------------------|--|
| 00:44:55> 00:44:57: | end of the day and that gap between resale just |
| 00:44:58> 00:45:01: | keeps growing and growing and the rents even though |
| | they've |
| 00:45:01> 00:45:03: | shot up 20% year over year. |
| 00:45:03> 00:45:06: | Um you know they're they're probably not gonna continue at |
| 00:45:06> 00:45:08: | that pace so I'm I'm I'm I'm Iooking at |
| 00:45:08> 00:45:11: | a situation where the return on investment isn't going to |
| 00:45:11> 00:45:13: | be quite a strong. So interestingly there you know the |
| 00:45:13> 00:45:16: | development is starting to move into these these areas of |
| 00:45:16> 00:45:19: | the 9:05 that have been completely devoid of rental supply |
| 00:45:19> 00:45:22: | like we we don't build much rental supply generally in |
| 00:45:22> 00:45:25: | in Toronto but in the suburbs it's it's almost completely |
| 00:45:25> 00:45:27: | lacking. So I think investors are are serving a pretty |
| 00:45:27> 00:45:30: | strong purpose by by bringing that supply into into into |
| 00:45:30> 00:45:33: | more suburban markets and obviously there's been a change in. |
| 00:45:33> 00:45:36: | In in the living habits due to COVID-19 that is |
| 00:45:36> 00:45:39: | starting to sort of spread them out demand for high |
| 00:45:39> 00:45:43: | rise living across the region too. But you know what |
| 00:45:43> 00:45:46: | I will say is that new immigration can't be understated |
| 00:45:46> 00:45:49: | as a factor for for new condo demand. You know |
| 00:45:49> 00:45:52: | we have a lot of conversations with not only developers |
| 00:45:52> 00:45:55: | but brokers and and you know agents that are that |
| 00:45:55> 00:45:59: | are operating day-to-day in the market and they tell us |
| 00:45:59> 00:46:02: | just how important new immigration is for for new condo |
| 00:46:02> 00:46:03: | demand now. |
| 00:46:03> 00:46:06: | You know I think we're all sort of aware of |
| 00:46:06> 00:46:09: | the fact that foreign, pure foreign demand represents a fairly |
| 00:46:09> 00:46:12: | small proportion of overall condo sales in the GTA. These |
| 00:46:13> 00:46:16: | would be individuals that are sort of overseas and speculating |
| 00:46:16> 00:46:19: | on Toronto condos. It's it's a very small proportion. It |
| 00:46:19> 00:46:23: | always has been. But the proportion of foreign wealth that |
| 00:46:23> 00:46:26: | drives condo demand is very significant. So in you know |
| 00:46:26> 00:46:29: | immigrants that are coming over bringing over family money they |
| 00:46:29> 00:46:32: | have a bias towards real estate they they they favor |
| 00:46:32> 00:46:34: | condo investments and. |
| 00:46:34> 00:46:36: | You know I wouldn't count condo investment out because of |
| 00:46:37> 00:46:39: | that fact. I think there's there's still you know a |
| 00:46:39> 00:46:42: | critical mass out there of investors who know another person |
| 00:46:42> 00:46:45: | who's interested in investing in is bringing over another family |
| | |

| 00:46:45> 00:46:48: | member who's interested in investing. Like like I said there's |
|---------------------|---|
| 00:46:48> 00:46:50: | there's over 400,000 condos in the GTA which means there's |
| 00:46:51> 00:46:53: | you know there's there's you know hundreds of thousands of |
| 00:46:53> 00:46:56: | condos and condo investors as well. So I think I |
| 00:46:56> 00:46:58: | think that's a that's an engine of the market that |
| 00:46:58> 00:47:00: | you know it's it's experiencing some slowdown now but. |
| 00:47:01> 00:47:03: | I I I wouldn't count it for sure. |
| 00:47:04> 00:47:10: | OK, great. Super fascinating. I'm going to switch gears, go |
| 00:47:10> 00:47:14: | over to Steve and then to you Tobias. So Steve, |
| 00:47:14> 00:47:19: | your one graph where you showed the the portion of |
| 00:47:19> 00:47:27: | non permanent residents, international students, I thought was fascinating, 600,000 |
| 00:47:27> 00:47:32: | visas annually. So I really enjoyed the chat that you |
| 00:47:32> 00:47:34: | and I had last week. |
| 00:47:34> 00:47:39: | When you were talking about the demand pressures caused just |
| 00:47:39> 00:47:43: | by students, you know, competing with the same product as |
| 00:47:43> 00:47:47: | a young professional, right, like a condo. So can you |
| 00:47:47> 00:47:50: | talk a little bit about that and some of your |
| 00:47:50> 00:47:55: | thoughts on potential solutions to address student demand and how |
| 00:47:55> 00:47:58: | it could have like a big impact and and and |
| 00:47:58> 00:48:00: | relieves the pressure valve? |
| 00:48:01> 00:48:03: | Sure. Yeah. I mean I think and as I mentioned |
| 00:48:04> 00:48:06: | you know it's, it's it gets exacerbated in small markets. |
| 00:48:07> 00:48:09: | I happen to be in to work in Kingston a |
| 00:48:09> 00:48:12: | few years ago and the vacancy rate, they're dropped from |
| 00:48:12> 00:48:14: | 2.9% to 0.6. The mayor got all excited, struck a |
| 00:48:14> 00:48:17: | task force and off they went, but they forgot to |
| 00:48:17> 00:48:19: | look at the data. I went in and said you |
| 00:48:19> 00:48:22: | know, why did the vacancy rate drop, turned out Queens |
| 00:48:22> 00:48:26: | had basically increased their enrollment of international students by 2000 |
| 00:48:26> 00:48:28: | students a year for two years in a row in |
| 00:48:28> 00:48:31: | a market that has 16,000 units, not, not rocket science |
| 00:48:31> 00:48:31: | and I think. |
| 00:48:31> 00:48:34: | Tends to happen, and this is pretty prevalent across all |
| 00:48:34> 00:48:37: | all markets, with universities in particular smaller towns where the |
| 00:48:37> 00:48:39: | university is a big part of the of the local |
| 00:48:39> 00:48:39: | economy. |
| 00:48:41> 00:48:44: | And I'm not with these students obviously looking for affordable |

| housing and they they tend to push out those folks |
|---|
| living in the more affordable stock. So it has massive, |
| massive impacts on our our concerns for for lower level |
| affordability. At the same time what we're seeing in some |
| cities, Waterloo in particular has a couple of new developments |
| in Ottawa where developers have actually started building purpose built |
| student housing and it's a, it's a, it's a built |
| form where you've kind of got four students with a |
| private bedroom, private bathroom in a, in a. |
| Quad unit with a a shared by a living room, |
| shared kitchen. And the rents per square foot on that |
| kind of product pencil out very very strongly relative to |
| regular rentals. So if we could you know use the |
| LFI money for example if the FCC said to developers |
| you know we want you to actually build some student |
| housing it doesn't even need partnerships with universities. You can |
| do it off campus. Partnerships with universities with land would |
| make it even better. But if we could in in |
| Queens case if they could have avoided those 2000 students |
| coming into the local rental market. |
| It would have a very, very positive impact on moderating |
| the impact that they're having on the rental market. So |
| I think we need to start thinking about as I |
| I think we need to start thinking about as I |
| say passing up who who are these 550,000 immigrants and |
| |
| say passing up who who are these 550,000 immigrants and |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to look at. Yeah, super interesting. Tobias, I'm interested in your |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to look at. Yeah, super interesting. Tobias, I'm interested in your response to |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to to look at. Yeah, super interesting. Tobias, I'm interested in your response to that from a developer. It does that look like an |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to to look at. Yeah, super interesting. Tobias, I'm interested in your response to that from a developer. It does that look like an opportunity to you? So I'll quickly ask you that and |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to to look at. Yeah, super interesting. Tobias, I'm interested in your response to that from a developer. It does that look like an opportunity to you? So I'll quickly ask you that and then I wanted to ask you a bigger question. |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to to look at. Yeah, super interesting. Tobias, I'm interested in your response to that from a developer. It does that look like an opportunity to you? So I'll quickly ask you that and then I wanted to ask you a bigger question. Yeah, I think student purpose built student housing is is |
| say passing up who who are these 550,000 immigrants and the addition or not non permanent residents and what kind of you know distinct segments of the market can we identify and then try to create solutions that actually target them better and the students one would be a very big one to to to look at. Yeah, super interesting. Tobias, I'm interested in your response to that from a developer. It does that look like an opportunity to you? So I'll quickly ask you that and then I wanted to ask you a bigger question. Yeah, I think student purpose built student housing is is just another sort of derivative of of multifamily rentals that's |
| |

| 00:50:38> 00:50:42: | housing options to own because those two things are should |
|---------------------|---|
| 00:50:42> 00:50:44: | be at the end of the day just a preference |
| 00:50:45> 00:50:47: | of of people and you should be able to do |
| 00:50:47> 00:50:50: | what you want and you should be able to have |
| 00:50:50> 00:50:52: | access to whatever you want. So purpose. |
| 00:50:52> 00:50:56: | Well student housing sort of takes the pressure off of |
| 00:50:56> 00:51:00: | the the traditional housing market and hopefully in the you |
| 00:51:00> 00:51:04: | know best best executed cases caters to students and and |
| 00:51:04> 00:51:07: | what they want which is relatively specific and not what |
| 00:51:08> 00:51:12: | a a traditional multifamily building is looking for. Hopefully they're |
| 00:51:12> 00:51:17: | closer to universities themselves campuses themselves and cuts down on |
| 00:51:17> 00:51:21: | on congestion and traffic in the surrounding cities and I |
| 00:51:21> 00:51:22: | think other sort of. |
| 00:51:22> 00:51:26: | Derivatives of multifamily that that can do similar things are |
| 00:51:27> 00:51:31: | Co living and other sort of creative multifamily living options |
| 00:51:31> 00:51:34: | so that people aren't just looking at 1 bedrooms and |
| 00:51:34> 00:51:37: | one plus dens that are being turned out at a |
| 00:51:37> 00:51:41: | rate of 51% of of the condo development that's happening |
| 00:51:41> 00:51:43: | in a city like Toronto. |
| 00:51:44> 00:51:48: | Wow, that that's very helpful comments. Yeah, I think it's |
| 00:51:48> 00:51:52: | a really cool idea. I know my students are looking |
| 00:51:52> 00:51:56: | for that. John, over to you over over the years |
| 00:51:56> 00:52:00: | as you know, can you follow this stuff? Various levels |
| 00:52:00> 00:52:04: | of government in Toronto ON federally or out in BC |
| 00:52:04> 00:52:08: | have done have tried all kinds of things to address |
| 00:52:08> 00:52:13: | affordability whether it's a speculator tax or a vacant vacant |
| 00:52:13> 00:52:14: | home tax or. |
| 00:52:14> 00:52:18: | First time home buyer incentive or rent to own or |
| 00:52:18> 00:52:22: | whatever the program of the day is right in your |
| 00:52:22> 00:52:26: | experience you know and some of those have backfired right |
| 00:52:26> 00:52:31: | and created more, more demand or froth in the market. |
| 00:52:31> 00:52:34: | I just want to use the road, but in your |
| 00:52:34> 00:52:39: | opinion and experience, which strategies have actually worked and what, |
| 00:52:40> 00:52:43: | what hasn't and what should we be, what's the best |
| 00:52:44> 00:52:44: | of? |
| 00:52:44> 00:52:47: | We might want to be taking forward in the demand. |
| 00:52:47> 00:52:51: | I mean nothing clearly has worked because our housing markets |
| 00:52:51> 00:52:55: | absolutely ridiculously expensive. I mean the the stress test has |

| 00:52:55> 00:52:58: | been a good policy to obviously that was a macroprudential |
|---------------------|--|
| 00:52:58> 00:53:02: | policy. It really geared towards financial stability for the bank |
| 00:53:02> 00:53:06: | that wasn't really designed to improve our housing market. But |
| 00:53:06> 00:53:09: | obviously it was a very good strategy. It did affect |
| 00:53:09> 00:53:13: | because it allowed people, it constrained credit growth to some |
| 00:53:13> 00:53:14: | extent you know but. |
| 00:53:14> 00:53:17: | From my perspective you you can't solve this this issue |
| 00:53:18> 00:53:22: | when you're supercharging our housing market with demand right. And |
| 00:53:22> 00:53:24: | and I've always felt that you know there needs to |
| 00:53:25> 00:53:29: | be a closer connection between population growth through immigration and |
| 00:53:29> 00:53:33: | non permanent residents with housing completions. The fact is the |
| 00:53:33> 00:53:36: | lever that government policymakers are are easier to pull are |
| 00:53:36> 00:53:40: | on the you know non permanent resident immigration growth they |
| 00:53:40> 00:53:44: | cannot control supply. We know what supply is coming down |
| 00:53:44> 00:53:44: | the pipe. |
| 00:53:44> 00:53:48: | Line, we know what completions are like because you know |
| 00:53:48> 00:53:51: | houses and condos are are started and are built years |
| 00:53:51> 00:53:54: | before they're done. So I do think we need a |
| 00:53:54> 00:53:58: | greater connection between those two things. If we're going to |
| 00:53:58> 00:54:01: | fix it with supply, I mean as Sean said, supplies |
| 00:54:01> 00:54:04: | are very slow moving solution, you need to change policy. |
| 00:54:04> 00:54:07: | It takes years for for for supply to grow. So |
| 00:54:07> 00:54:11: | my feeling is I think our population growth should be |
| 00:54:11> 00:54:14: | in line with our completions if we're going to get |
| 00:54:14> 00:54:15: | anywhere close to. |
| 00:54:15> 00:54:17: | You know, addressing these issues. |
| 00:54:18> 00:54:21: | Thanks, John. Steve, I'm going to talk about, I know |
| 00:54:22> 00:54:25: | this is a demand panel, but I am going to |
| 00:54:25> 00:54:29: | talk about why the supply panel yesterday talked about demand. |
| 00:54:30> 00:54:34: | So we're allowed, but just really quickly, as you know, |
| 00:54:34> 00:54:38: | we have a supply target in Ontario, 1.5 million homes |
| 00:54:38> 00:54:42: | in over 10 years. I'm curious what the demand side |
| 00:54:42> 00:54:46: | evidence is to support that target and in particular, is |
| 00:54:46> 00:54:48: | there like a blanket? |
| 00:54:48> 00:54:52: | Demand for this quantum or or we looking at, you |
| 00:54:52> 00:54:57: | know lots of demand for specific types of housing that |

| 00:54:57> 00:54:58: | is lacking. |
|---------------------|---|
| 00:55:03> 00:55:04: | Sorry, your mute problem. |
| 00:55:06> 00:55:08: | It's it's a bit of both I think but I |
| 00:55:08> 00:55:10: | think you know if we look at uh you know |
| 00:55:10> 00:55:14: | other others on the panel of reference you know average |
| 00:55:14> 00:55:17: | household size and it's coming down and you know we're |
| 00:55:17> 00:55:20: | about 2.45 I think nationally now and and you know |
| 00:55:20> 00:55:23: | I, I haven't so much looked at the Ontario numbers |
| 00:55:23> 00:55:26: | but the national numbers you know the 550,000 targets of |
| 00:55:26> 00:55:29: | of of new immigrants that would require us to build |
| 00:55:29> 00:55:32: | about 220,000 units a year in terms of at 2.4 |
| 00:55:32> 00:55:36: | persons per household you know significantly less than we built |
| 00:55:36> 00:55:36: | in 2020. |
| 00:55:36> 00:55:40: | Which was a record year, but significantly more than the |
| 00:55:40> 00:55:42: | average of the previous decade. So I think if we |
| 00:55:42> 00:55:45: | could just sort of keep up with what we want |
| 00:55:45> 00:55:47: | to do. I mean the the federal target is 3.5 |
| 00:55:48> 00:55:51: | million homes, you know, the equivalent to the Ontario 1.5, |
| 00:55:51> 00:55:54: | which would be 350,000 a year, which I think is, |
| 00:55:54> 00:55:57: | you know, excessive relative to what we need from a |
| 00:55:57> 00:56:00: | purely demographic point of view. Of course there is the |
| 00:56:00> 00:56:04: | issue of a lot of development, particularly when it's intensification |
| 00:56:04> 00:56:06: | in our inner cities is actually removing. |
| 00:56:07> 00:56:09: | In it. So it's not a net you know gain |
| 00:56:09> 00:56:12: | of 220,000 we have to discount that by demolitions and |
| 00:56:12> 00:56:15: | in some cases and particularly in the rental market we're |
| 00:56:15> 00:56:18: | clearly losing a lot of units into the short term |
| 00:56:18> 00:56:21: | rental market which is another you know negative in terms |
| 00:56:21> 00:56:24: | of the total numbers. So yeah I I suspect in |
| 00:56:24> 00:56:27: | the Ontario case you know 100,100 and 20,000 is probably |
| 00:56:27> 00:56:30: | the right place to be. I don't think the you |
| 00:56:30> 00:56:33: | know the 150,000 is is absolutely critical and this notion |
| 00:56:33> 00:56:36: | that if we just build that much supply and the |
| 00:56:36> 00:56:37: | CMHC study that. |
| 00:56:37> 00:56:39: | Mountain back in in May. That said, you know, we |
| 00:56:40> 00:56:42: | need 303.5 million in order to drive prices back to |
| 00:56:42> 00:56:46: | the affordability level that we saw in 2004. Well, I'm |
| 00:56:46> 00:56:48: | sure on my colleagues on the panel would agree. And |
| 00:56:49> 00:56:52: | Jenna Seamus pointed out, you know, developers look at the |
| 00:56:52> 00:56:55: | absorption rate. If they can't sell the units, they're not |
| 00:56:55> 00:56:58: | going to build them. The industry is not going to |

| 00.56.59 > 00.57.04. | drive the prices down by 100/ which is what the |
|----------------------|--|
| 00:56:58> 00:57:01: | drive the prices down by 40%, which is what the |
| 00:57:01> 00:57:04: | CMHC study showed if we actually built 3.5 million homes. |
| 00:57:04> 00:57:07: | So I think there's a bit of disconnect between. |
| 00:57:07> 00:57:10: | You know, esoteric theory of of supply and demand curves |
| 00:57:10> 00:57:13: | versus how the industry actually reacts to this kind of |
| 00:57:13> 00:57:17: | stuff and adapts to the prevailing demands and and and |
| 00:57:17> 00:57:20: | and the level that they think they can potentially absorb. |
| 00:57:22> 00:57:25: | Thanks, Steve. I'm looking at the clock. I know we |
| 00:57:25> 00:57:29: | have 3 minutes and Richard is totally going to cut |
| 00:57:29> 00:57:32: | us off. So I want to give a couple more |
| 00:57:32> 00:57:35: | minutes to Tobias and Sean to either comment on what |
| 00:57:35> 00:57:39: | you've heard or Tobias, I was going to ask you |
| 00:57:39> 00:57:42: | if you wanted to give a few more specifics about |
| 00:57:42> 00:57:43: | the types of. |
| 00:57:44> 00:57:49: | Their priorities and and budget and subsidies to ownership versus |
| 00:57:49> 00:57:52: | rental. And then Sean, I just wanted to give you |
| 00:57:52> 00:57:55: | the last word on what we've heard so quickly a |
| 00:57:55> 00:57:59: | minute from Tobias and then Sean. OK, Richard, great. |
| 00:58:00> 00:58:03: | Yeah, I think you know a lot of attention has |
| 00:58:03> 00:58:06: | been paid to the supply side benefits that are out |
| 00:58:06> 00:58:11: | there in subsidies, so changes in zoning, development charge rates, |
| 00:58:11> 00:58:14: | rental versus condo. But on the on the demand side, |
| 00:58:14> 00:58:18: | as far as I know, the only government subsidies and |
| 00:58:18> 00:58:22: | tax credits that are available to stimulate demand only stimulate |
| 00:58:22> 00:58:26: | homeownership demand and those take the form of you know |
| 00:58:26> 00:58:29: | the elimination of capital gains tax on your primary. |
| 00:58:30> 00:58:30: | Residents. |
| 00:58:32> 00:58:36: | First time home buyer credits, federal mortgage insurance and stuff |
| 00:58:36> 00:58:39: | like that, all those things are are spurring or bolstering |
| 00:58:39> 00:58:43: | homeownership and again I I think everyone who wants to |
| 00:58:43> 00:58:45: | own my own should be able to. But if you |
| 00:58:45> 00:58:49: | take the economic outperformance or the financial outperformance of home |
| 00:58:50> 00:58:53: | ownership out of the equation, I think that you know |
| 00:58:53> 00:58:56: | who would want to omahony would would look very different |
| 00:58:56> 00:59:00: | right because then you're just looking you're faced with flexibility |
| 00:59:00> 00:59:02: | versus versus mobility. |

| 00:59:02> 00:59:04: | You know, the upkeep of the home or a condo |
|---------------------|--|
| 00:59:04> 00:59:05: | and stuff like that. |
| 00:59:06> 00:59:10: | So yeah, like I said the the demand side subsidies |
| 00:59:10> 00:59:13: | are really for take the form of foregone taxes and |
| 00:59:13> 00:59:16: | everyone in the country bears the brunt of that, whether |
| 00:59:16> 00:59:20: | you own Mahone or omahony or not. And not everyone |
| 00:59:20> 00:59:20: | benefits from. |
| 00:59:21> 00:59:21: | lt. |
| 00:59:22> 00:59:26: | Sean, I think you've got 30 seconds last word to |
| 00:59:26> 00:59:27: | you. |
| 00:59:27> 00:59:30: | I'll just say that you know Toronto, Toronto is very |
| 00:59:30> 00:59:33: | unique in its model for for housing supply in in |
| 00:59:33> 00:59:36: | the context of North America where if you go to |
| 00:59:36> 00:59:39: | any other large city the majority of of new supply |
| 00:59:39> 00:59:41: | being built is is rental. It's it's not it's not |
| 00:59:41> 00:59:46: | ownership condo. Now we've been very fortunate because condo investors |
| 00:59:46> 00:59:49: | ultimately at their units to the rental pool but not |
| 00:59:49> 00:59:52: | having you know the right mix of of rental really |
| 00:59:52> 00:59:53: | impedes overall. |
| 00:59:53> 00:59:56: | Housing supply and housing choice within the marketplace. |
| | So I |
| 00:59:56> 00:59:59: | think you know recognizing that that that community investors are |
| 01:00:00> 01:00:02: | scaling back. We need to do whatever we can to |
| 01:00:02> 01:00:05: | ramp up efforts to build new new purpose built rental |
| 01:00:05> 01:00:08: | supply. So any incentive that can that can help in |
| 01:00:08> 01:00:11: | that regard because there's there's a lot of talk about |
| 01:00:11> 01:00:13: | ramping up supply. I don't see much specific as it |
| 01:00:13> 01:00:17: | relates to rental. I think that's that's the solution because |
| 01:00:17> 01:00:20: | if the average income required to buy the average priced |
| 01:00:20> 01:00:22: | home in the GTA is \$150,000 or more you know |
| 01:00:22> 01:00:23: | the de facto. |
| 01:00:24> 01:00:27: | Affordable rental effect, de facto affordable housing supply is |
| | is |
| 01:00:27> 01:00:29: | new rental. So I think that's that's sort of my |
| 01:00:29> 01:00:29: | final call. |
| 01:00:29> 01:00:33: | Thank. Thank you. And Serese, thank you very much. That |
| 01:00:33> 01:00:35: | was an incredible job of of covering a lot of |
| 01:00:35> 01:00:38: | ground with this amazing panel and it was rather a |
| 01:00:38> 01:00:41: | cruel thing to ask you all to do this within |
| 01:00:41> 01:00:44: | an hour. So I apologize. But Sean, Tobias, Steve and |
| 01:00:44> 01:00:47: | John, that was amazing. That was it. That was an |
| | |

| 01:00:47> 01:00:50: | incredible contribution to this week long series. I'm going to, |
|---------------------|---|
| 01:00:50> 01:00:53: | you can see on the screen there's upcoming events. |
| 01:00:53> 01:00:56: | Um, that you can absorb, uh, with some details in |
| 01:00:56> 01:00:59: | the chat. But in the interest of time, we always |
| 01:00:59> 01:01:01: | end on time at UI. I will say good afternoon, |
| 01:01:01> 01:01:04: | thank you all and hopefully we'll see you all tomorrow. |
| 01:01:05> 01:01:05: | Goodbye. |
| 01:01:06> 01:01:07: | Welcome. |

This video transcript has been machine-generated, so it may not be accurate. It is for personal use only. Reproduction or use without written permission is prohibited. If you have a correction or for permission inquiries, please contact .