

## Forward-Looking Statements

Note: All statements in this presentation that are not historical facts should be considered as "Forward-Looking Statements" within the meaning of the "Safe Harbor" provisions of the Private Securities Litigation Reform Act of 1995. Such statements involve known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such forward-looking statements include but are not limited to statements related to the Company's goals and expectations with respect to its financial results for future financial periods. Although we believe that our plans, intentions and expectations reflected in, or suggested by, such forward-looking statements are reasonable, we can give no assurance that such plans, intentions or expectations will be achieved. By their nature, forwardlooking statements: (i) speak only as of the date they are made, (ii) are not guarantees of future performance or results and (iii) are subject to risks, uncertainties and assumptions that are difficult to predict or quantify. Therefore, actual results could differ materially and adversely from those forward-looking statements as a result of a variety of factors. Such risks, uncertainties and other factors include, but are not limited to, (1) changes in general and local economic, industry and business conditions and impacts of a significant homebuilding downturn; (2) shortages in, and price fluctuations of, raw materials and labor, including due to changes in trade policies, including the imposition of tariffs and duties on homebuilding materials and products and related trade disputes with and retaliatory measures taken by other countries; (3) the outbreak and spread of COVID-19 and the measures that governments, agencies, law enforcement and/or health authorities implement to address it; (4) adverse weather and other environmental conditions and natural disasters; (5) the seasonality of the Company's business; (6) the availability and cost of suitable land and improved lots and sufficient liquidity to invest in such land and lots; (7) reliance on, and the performance of, subcontractors; (8) regional and local economic factors, including dependency on certain sectors of the economy, and employment levels affecting home prices and sales activity in the markets where the Company builds homes; (9) increases in cancellations of agreements of sale; (10) fluctuations in interest rates and the availability of mortgage financing; (11) changes in tax laws affecting the aftertax costs of owning a home; (12) legal claims brought against us and not resolved in our favor, such as product liability litigation, warranty claims and claims made by mortgage investors; (13) levels of competition; (14) utility shortages and outages or rate fluctuations; (15) information technology failures and data security breaches; (16) negative publicity; (17) high leverage and restrictions on the Company's operations and activities imposed by the agreements governing the Company's outstanding indebtedness; (18) availability and terms of financing to the Company; (19) the Company's sources of liquidity; (20) changes in credit ratings; (21) government regulation, including regulations concerning development of land, the home building, sales and customer financing processes, tax laws and the environment; (22) operations through unconsolidated joint ventures with third parties; (23) significant influence of the Company's controlling stockholders; (24) availability of net operating loss carryforwards; (25) loss of key management personnel or failure to attract qualified personnel; and (26) certain risks, uncertainties and other factors described in detail in the Company's Annual Report on Form 10-K for the fiscal year ended October 31, 2021 and the Company's Quarterly Reports on Form 10-Q for the quarterly periods during fiscal 2021 and subsequent filings with the Securities and Exchange Commission. Except as otherwise required by applicable securities laws, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, changed circumstances or any other reason.

## **NON-GAAP FINANCIAL MEASURES:**

Consolidated earnings before interest expense and income taxes ("EBIT") and before depreciation and amortization ("EBITDA") and before inventory impairment loss and land option write-offs and loss (gain) on extinguishment of debt ("Adjusted EBITDA") are not U.S. generally accepted accounting principles (GAAP) financial measures. This earnings release also presents EBITDA and Adjusted EBITDA adjusted to exclude the impact of incremental phantom stock expense. The most directly comparable GAAP financial measure is net income. The reconciliation for historical periods of EBIT, EBITDA and Adjusted EBITDA to net income is presented in a table attached to this earnings release or elsewhere in this earnings release.

Homebuilding gross margin, before cost of sales interest expense and land charges, and homebuilding gross margin percentage, before cost of sales interest expense and land charges, are non-GAAP financial measures. The most directly comparable GAAP financial measures are homebuilding gross margin and homebuilding gross margin percentage, respectively. The reconciliation for historical periods of homebuilding gross margin, before cost of sales interest expense and land charges, and homebuilding gross margin percentage, before cost of sales interest expense and land charges, to homebuilding gross margin and homebuilding gross margin percentage, respectively, is presented in a table attached to this earnings release.

Adjusted pretax income, which is defined as income before income taxes excluding land-related charges and loss (gain) on extinguishment of debt is a non-GAAP financial measure. This earnings release also presents adjusted pretax income adjusted to exclude the impact of incremental phantom stock expense. The most directly comparable GAAP financial measure is income before income taxes. The reconciliation for historical periods of adjusted pretax income to income before income taxes is presented in a table attached to this earnings release or elsewhere in this earnings release.

SG&A excluding the impact of incremental phantom stock expense is a non-GAAP financial measure. The most directly comparable GAAP financial measure is SG&A, to which SG&A excluding the impact of incremental phantom stock expense is reconciled herein.

Total liquidity is comprised of \$246.0 million of cash and cash equivalents, \$9.9 million of restricted cash required to collateralize letters of credit and \$125.0 million availability under the senior secured revolving credit facility as of October 31, 2021.

## What's new about the Hovnanian story?



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Now

**Footprint** 

Multiple underperforming markets

Profitability and margin improvement

Unprofitable

Cash flow generation

Insufficient to adequately address debt maturities and grow business

Inventory strategy

Over-reliance on costly on- and offbalance sheet financing to acquire lots, reducing returns

**Maturity profile** 

Short dated; difficulty extending near term maturities

Focused on stronger markets with improving share

**Profitable** 

Material excess operating cash flow after land reinvestment

Increased inventory efficiency driving high turnover and ROI

Significant runway, strategic priority to repay debt

# **Growth-oriented strategy**

# **Actions undertaken**

## Successfully implementing strategies for long-term profitability and value creation



## to improve scale and enhance margin profile

**Grow revenues** 

 Actively manage sales pace, ASP and

community count

 Streamline organizational structure and reduce overhead Risk-adverse land strategy and maintain multi-year lot supply

- Control land with minimal cash investment
- Target 1-2 years of owned lot supply

**High return on** invested capital and sharpened asset efficiency

- Accelerate inventory turnover to unlock capital
- Reactivate formerly mothballed inventory

Generate excess cash flow and improve balance sheet flexibility

- Maintain ample liquidity
- Prioritize debt repayment opportunities
- Proactively extend and ladder maturities

## Improving our performance in a more normalized Hove housing market



Delever and refinance with significant interest savings

Increase land options and inventory turnover

Increase community count

Operate at higher volumes to leverage SG&A



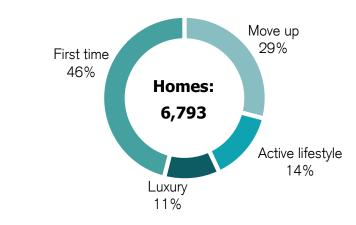
## Hovnanian Enterprises at a Glance



- Among the top 15 homebuilders in the United States in both homebuilding revenues and home deliveries<sup>(2)</sup>
- Markets and builds homes across the product and buyer spectrum, with a first-time and move-up focus

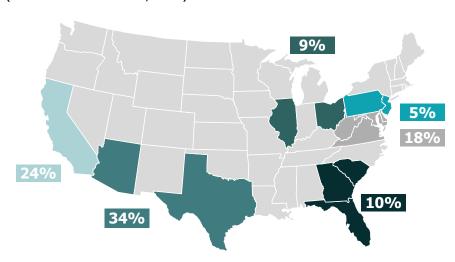
#### Home deliveries by product(1)

(Year ended October 31, 2021)



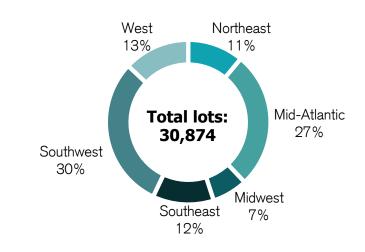
#### Homebuilding revenues by region

(Year ended October 31, 2021)



#### Lots controlled by region

(As of October 31, 2021)

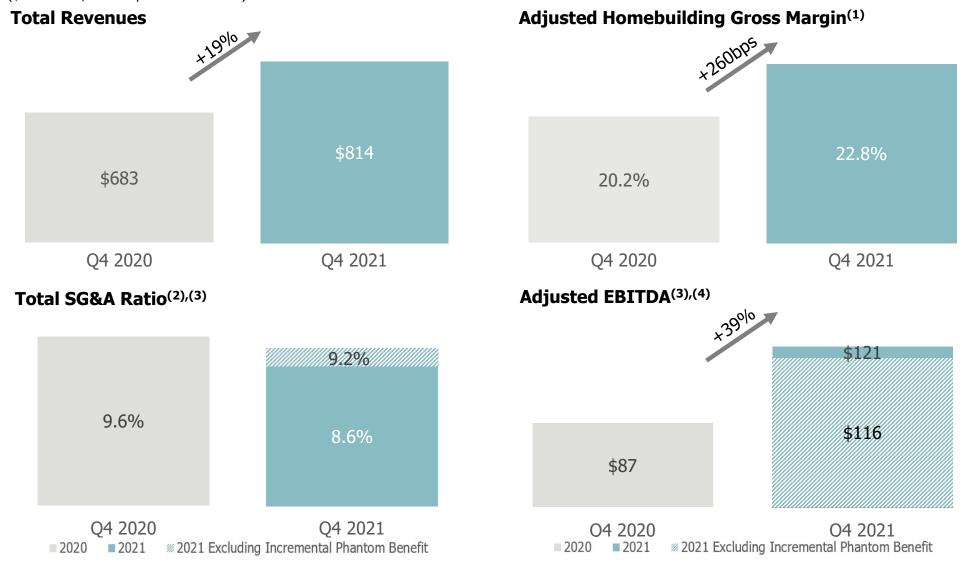


- (1) Includes unconsolidated joint ventures deliveries.
- (2) Company SEC filings and press release of 12/09/21.

## Fourth Quarter Operating Results



(\$ in millions, unless specified otherwise)



<sup>(1)</sup> Adjusted homebuilding gross margin percentage is before cost of sales interest expense and land charges. See appendix for a reconciliation to the most directly comparable GAAP measure. (2) Total SG&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs. Ratio calculated as a percentage of total revenues.

<sup>(2)</sup> Total SG&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs. Ratio calculated as a percentage of total revenues.

(3) Included \$5.3 million of incremental benefit due to the phantom stock awards, which is solely related to our common stock price decreasing from \$104.39 at the end of the third quarter to \$84.26 at the end of the fourth quarter.

<sup>(4)</sup> Adjusted EBITDA is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net income. Adjusted EBITDA represents earnings before interest expense, income taxes, depreciation, amortization, land-related charges and loss (gain) on extinguishment of debt.

# Guidance Compared with Actuals for Fourth Quarter 2021



(\$ in millions)	Guidance Q4 2021 Revised	<u>Actuals</u> <u>Q4 2021</u>	Q4 2021 Actuals  Excluding  Incremental  Phantom Benefit(1)
Total Revenues	\$780 - \$830	\$814	\$814
Adjusted Homebuilding Gross Margin <sup>(2)</sup>	21.5% - 22.5%	22.8%	22.8%
Total SG&A as Percentage of Total Revenues <sup>(3)</sup>	8.5% - 9.5%	8.6%	9.2%
Adjusted EBITDA <sup>(4)</sup>	\$85 - \$100	\$121	\$116
Adjusted Income Before Income Taxes <sup>(5)</sup>	\$45 - \$60	<b>\$81</b>	<b>\$76</b>

<sup>(1)</sup> SG&A expenses in the fourth quarter of fiscal 2021 included \$5.3 million of incremental benefit due to the phantom stock awards, which is solely related to our common stock price decreasing from \$104.39 at the end of the third quarter to \$84.26 at the end of the fourth quarter.

<sup>(2)</sup> Adjusted homebuilding gross margin percentage is before cost of sales interest expense and land charges. See appendix for a reconciliation to the most directly comparable GAAP measure.

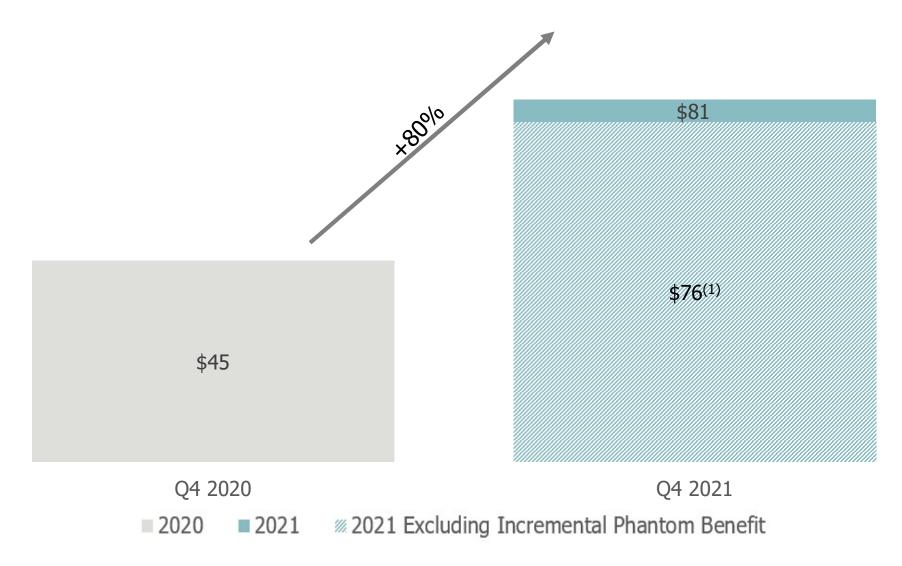
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<sup>(5)</sup> Adjusted Income Before Income Taxes excludes land-related charges and loss (gain) on extinguishment of debt. See appendix for a reconciliation to the most directly comparable GAAP measure.

## Adjusted Pretax Income



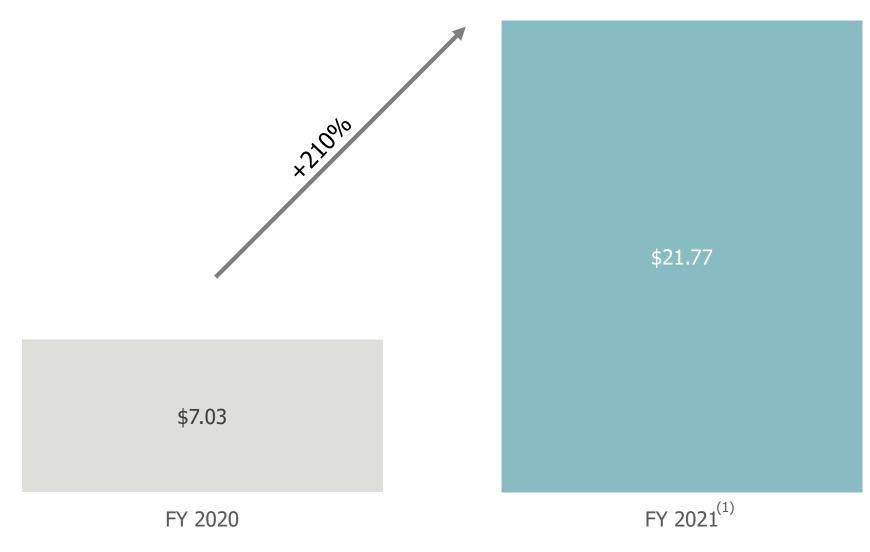


<sup>(1)</sup> SG&A expenses in the fourth quarter of fiscal 2021 included \$5.3 million of incremental benefit due to the phantom stock awards, which is solely related to our common stock price decreasing from \$104.39 at the end of the third quarter to \$84.26 at the end of the fourth quarter.

Note: Adjusted Income (Loss) Before Income Taxes excludes land-related charges and loss (gain) on extinguishment of debt. See appendix for a reconciliation to the most directly comparable GAAP measure.

## Full Year Adjusted Diluted EPS

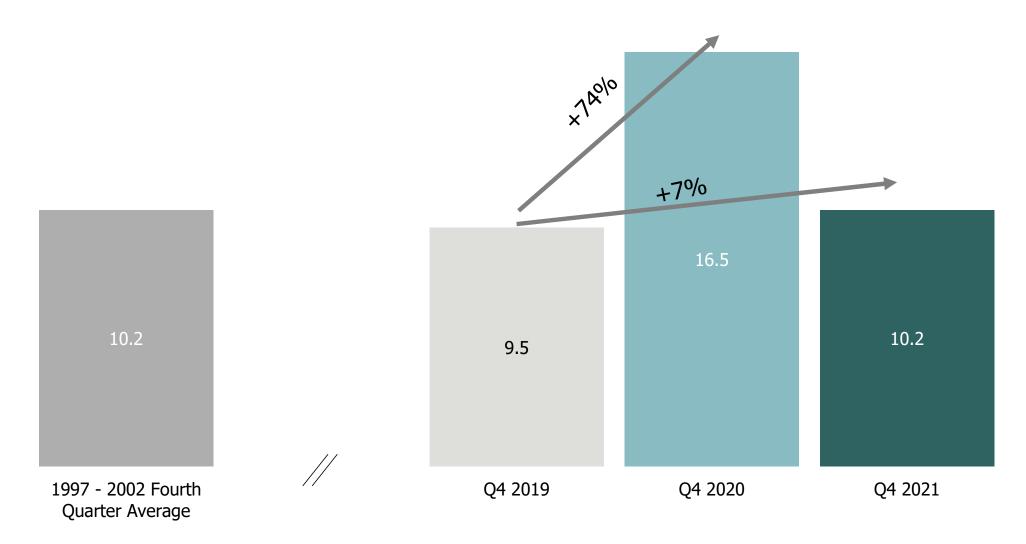




(1) Excludes \$468.6 million credit to tax expense from the valuation allowance reduction.

## **Quarterly Contracts Per Community**



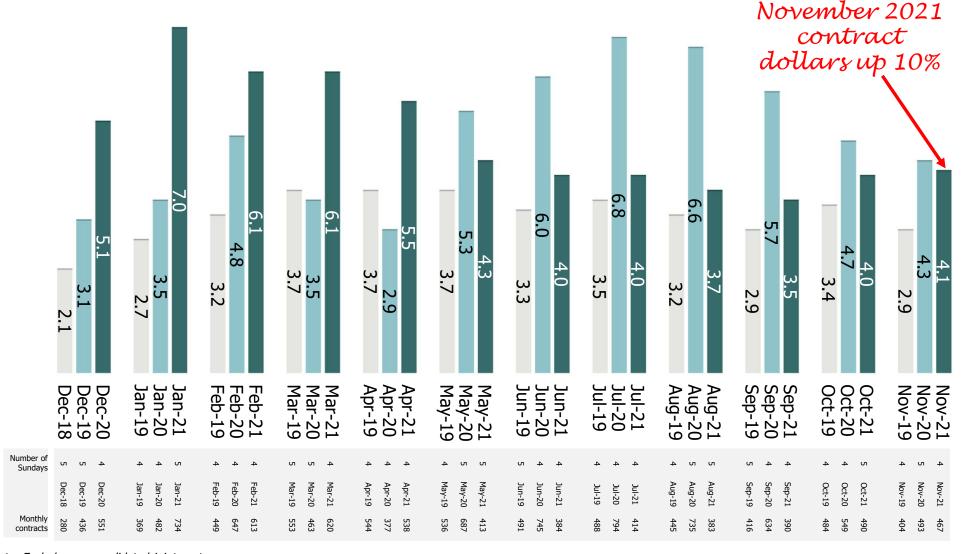


Note: Excludes unconsolidated joint ventures.

# Number of Monthly Contracts Per Community, Excludes Unconsolidated Joint Ventures



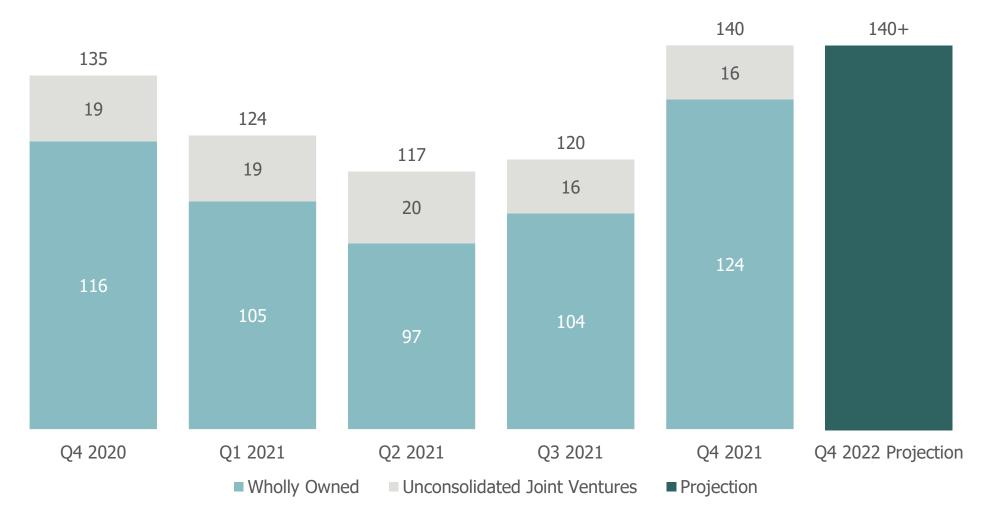
Every month better than the same month two years ago



Note: Excludes unconsolidated joint ventures.

## **Community Count**





Note: Excludes our single community unconsolidated joint venture in the Kingdom of Saudi Arabia.

## Streamlined geographic footprint with room for organic growth



#### 26 markets in 14 states

 Northeast: New Jersey and Pennsylvania

Mid-Atlantic: Delaware,
 Maryland, Virginia, Washington
 D.C. and West Virginia

Midwest: Illinois and Ohio

 Southeast: Florida, Georgia and South Carolina

 Southwest: Arizona and Texas

West: California

Q3 2021 LTM<sup>(1)</sup>

	Northeast	Mid- Atlantic	Midwest	Southeast	Southwest	West
Homebuilding revenues	5.2%	17.4%	9.3%	10.3%	33.8%	24.0%
Homes delivered	3.2%	13.7%	12.5%	9.7%	40.8%	20.1%
Average selling price of deliveries	\$698K	\$548K	\$322K	\$459K	\$356K	\$514K
Net new contracts (\$)	6.8%	18.7%	9.5%	11.1%	34.7%	19.2%
Backlog homes	5.3%	15.7%	18.6%	13.0%	33.1%	14.3%

Exited 5 non-core markets over the last 5 years

Geographic diversification mitigates market-specific economic impacts

Honed our market footprint to our 26 most profitable locations

## Virtually all of the land and communities necessary to Hoyna achieve growth through fiscal 2022 are already under contract

Lot portfolio balanced across our segments<sup>(1)</sup>

October 31, 2021 Owned

**Growing lot supply despite torrid** sales pace<sup>(2)</sup>

Segment	Active lots	M othballed lots	Optioned lots	Total lots
Northeast	528	_	2,818	3,346
Mid-Atlantic	1,516	247	6,480	8,243
Midwest	815	6	1,197	2,018
Southeast	1,552	_	2,223	3,775
Southwest	2,861	_	6,547	9,408
West	1,767	1,159	1,158	4,084
Consolidated total	9,039	1,412	20,423	30,874
Unconsolidated joint ventures	1,569	_	229	1,798
Grand total	10,608	1,412	20,652	32,672

	Twelve Months Ended 10/31/21
Newly controlled lots	11,310 <sup>(3)</sup>
Deliveries and lot sales	(6,485)
# of newly controlled lots in excess of deliveries	4,825

5.0 years of lot supply<sup>(4)</sup>

Reactivated ~8,700 lots in 108 communities since January 31, 2009

As of October 31, 2021, mothballed lots in 6 communities with a book value of \$4 million net of impairment balance of \$57 million

<sup>(1)</sup> Excludes our single community unconsolidated joint venture in the Kingdom of Saudi Arabia.

<sup>(2)</sup> Excludes unconsolidated joint ventures.

<sup>(3)</sup> Includes newly optioned lots net of 3,201 walk aways, as well as lots purchased that were not previously optioned.

<sup>(4)</sup> Represents total lots controlled (owned + optioned) / LTM unit closings.

## **Community Count**

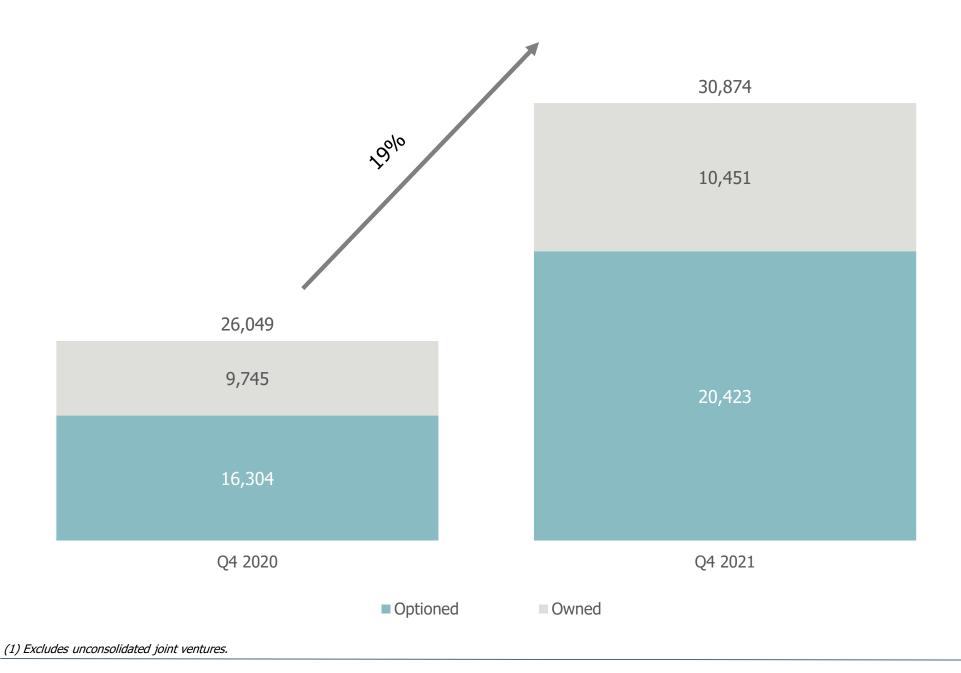




Note: Excludes our single community unconsolidated joint venture in the Kingdom of Saudi Arabia.

## Lots Controlled<sup>(1)</sup>

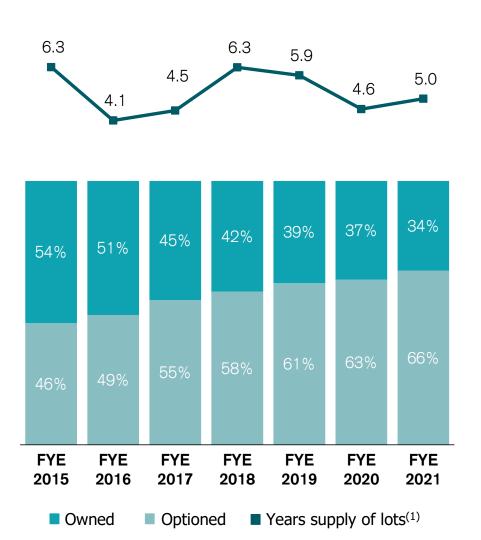




## Efficient lot strategy

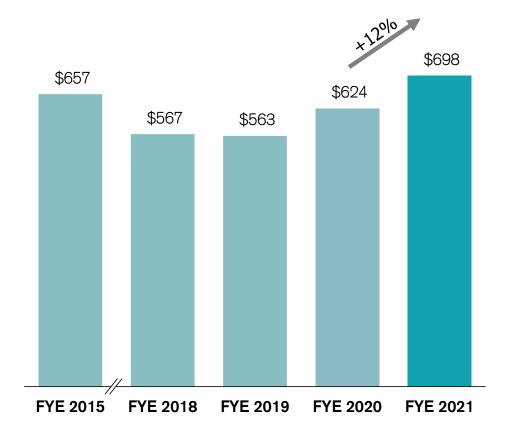


#### **Multi-year lot supply**



#### **Ample inventory reinvestment**

Land and land development spend (\$ in millions)

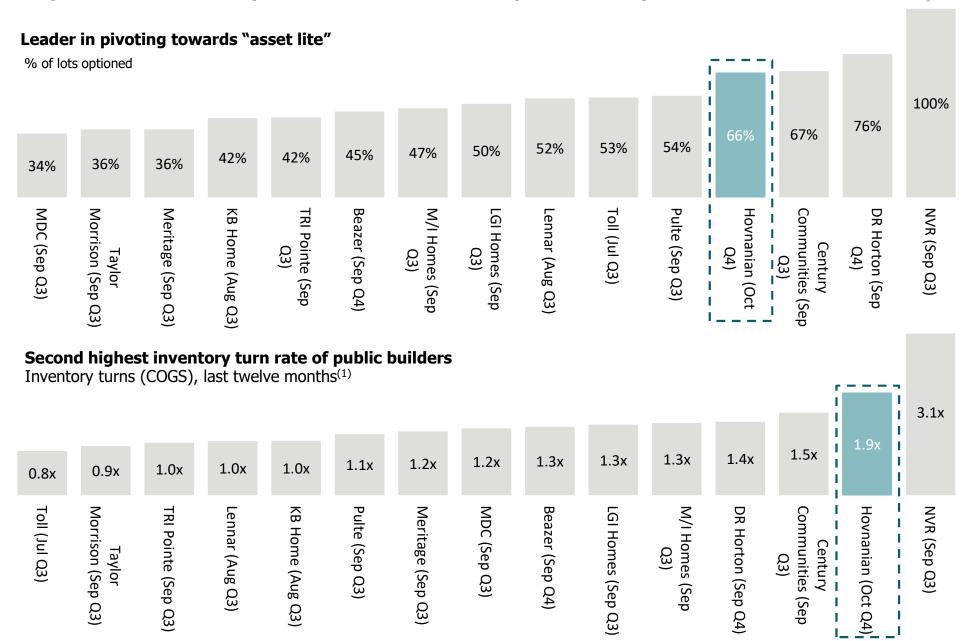


Source: Company SEC filings and press releases as of 12/09/21.

Notes: Excludes unconsolidated joint ventures.

(1) Represents total lots controlled (owned + optioned) / LTM unit closings.

## Rapid inventory turns drive improved performance Hovnanian



Source: Company SEC filings and press releases as of 12/09/21.

<sup>(1)</sup> Inventory turns derived by dividing cost of sales, excluding capitalized interest, by the five quarter average homebuilding inventory, excluding inventory not owned and capitalized interest.

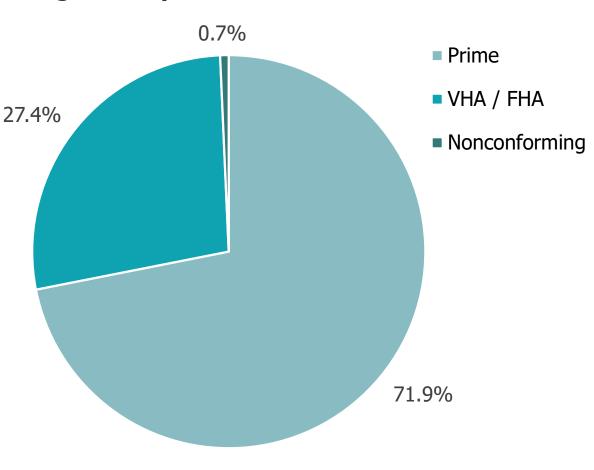
## Highly profitable financial services business



#### **Financial services overview**

- Complements HOV's homebuilding operations
- Provides mortgage originations in every state in which Hovnanian operates and title services in most states
- \$82mm FY 2021 revenues
- \$38mm FY 2021 operating income
- 46% FY 2021 operating margin

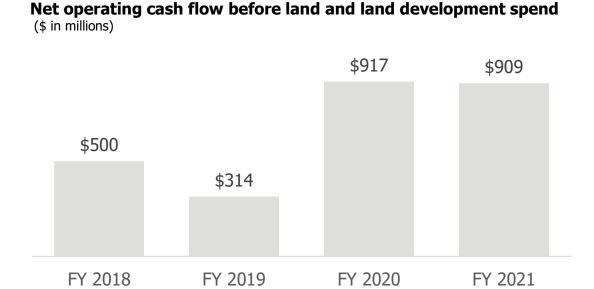
#### **Origination portfolio in FY 2021**



## Significant cash flow generation



- Generated \$2.6 billion of net operating cash flows before land and land development over the past four years
- ~\$500 million of net operating cash flow in 2020 and 2021 after two years of outflows
- Strong underlying operating cash flow before land and land development
- Cash flow ramp provides optionality to retire debt

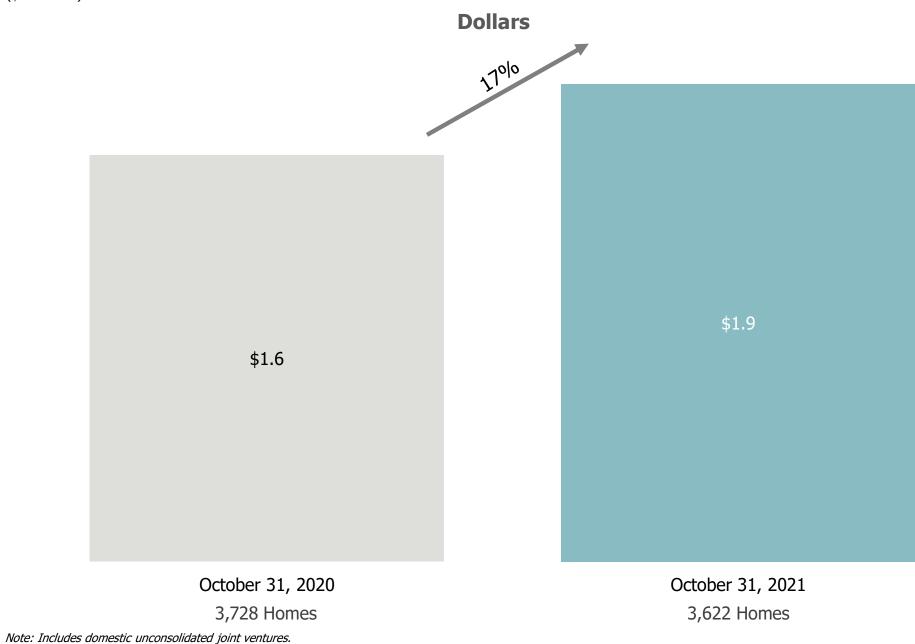


### Net operating cash flow - reported (\$ in millions)



## Backlog



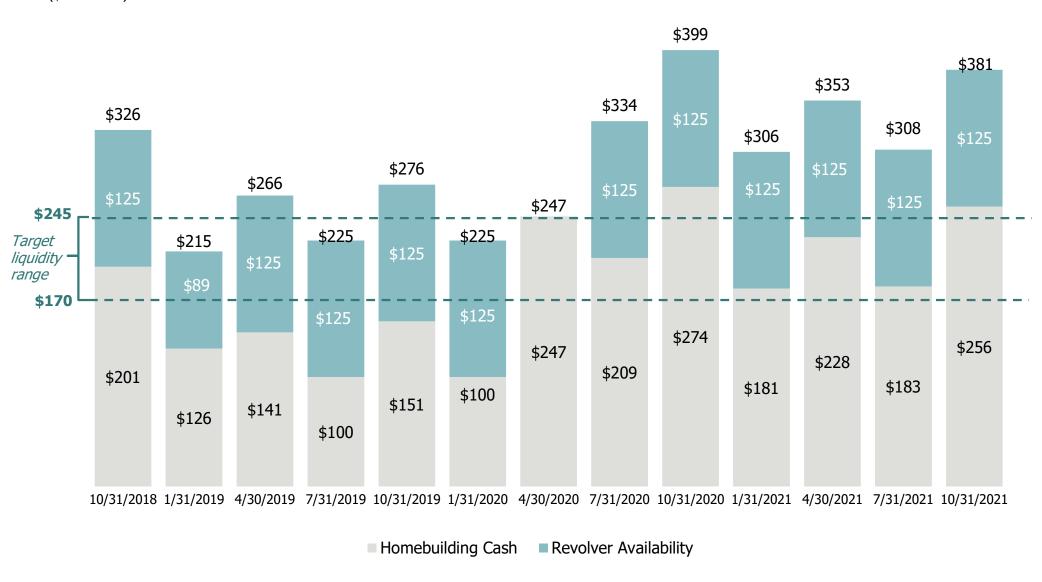




## Liquidity Position and Target



(\$ in millions)



Note: Liquidity position includes homebuilding cash and cash equivalents (which includes unrestricted cash and restricted cash required to collateralize letters of credit) and revolving credit facility availability.

## Focused on deleveraging and enhancing our debt structure



#### **Strategy**

- ✓ Deleverage through debt repayment and growth in earnings
- ✓ Paid off 2022 and 2024 notes
- ✓ Multi-year, well-laddered debt maturity structure
- ✓ Proactively refinance high cost of debt at upcoming call dates
- ✓ Issue future note tranches in sizes to achieve HY index inclusion, secondary market liquidity and price transparency
- ✓ Reduce reliance on secured debt; unencumber balance sheet

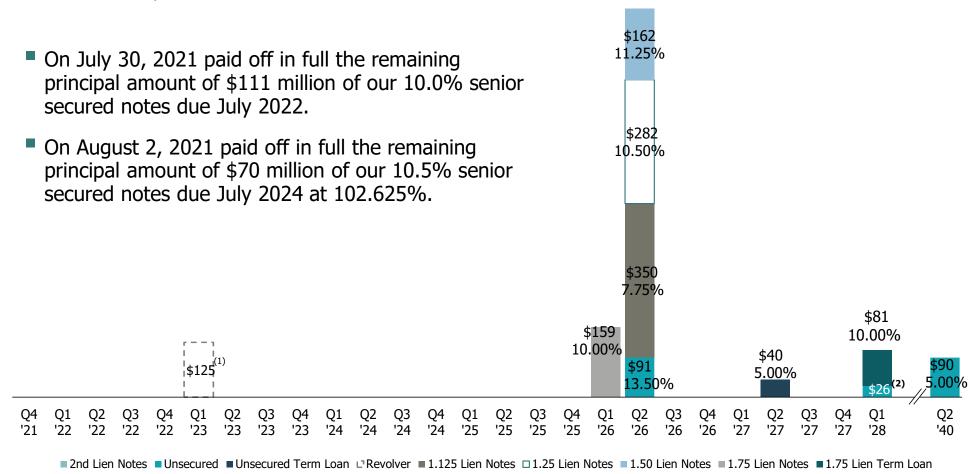
#### Bond and loan composition as of 10/31/21

			Call s	chedule
Tranche	Coupon	Current principal balance	Call price	Next date
Secured:				
Senior notes due 2026 (1.125 lien)	7.75%	\$350	103.875	2/15/2022
Senior notes due 2026 (1.25 lien)	10.50%	282	105.250	2/15/2022
Senior notes due 2026 (1.5 lien)	11.25%	162	100.000	NA
Senior notes due 2025 (1.75 lien)	10.00%	159	102.500	11/15/2022
Term loan due 2028 (1.75 lien)	10.00%	81	102.500	11/15/2022
Sepior secured notes due 2022	10.00%	111	100.000	7/15/2021
Senior secured notes due 2024	10.50%	70	102.625	7/15/2021
Unsecured:				
Unsecured notes due 2026	13.50%	\$91	100.000	2/1/2025
Unsecured term loan due 2027	5.00%	40	100.000	NA
Unsecured notes due 2040	5.00%	90	100.000	NA

# Extended maturity profile with near term debt repayments



**As of October 31, 2021** 



Multiple, privately negotiated transactions in FY 2019 and FY 2020 provided significant runway to fiscal 2026

Note: Shown on a fiscal year basis, at face value. \$ in millions. Excludes non-recourse mortgages.

(1) \$0 balance as of October 31, 2021.

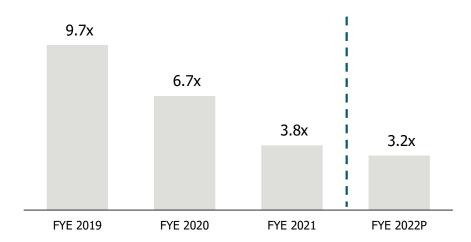
<sup>(2) \$26</sup> million of 8.0% senior notes held by wholly owned subsidiary, no cash required to retire.

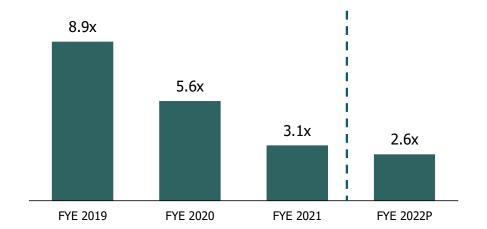
## Key credit metrics



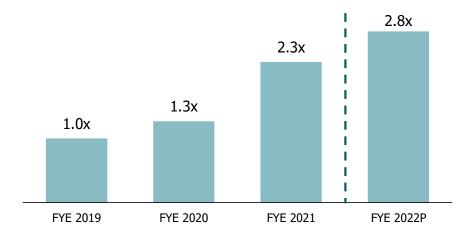
#### Total debt (incl. mortgages) / Adj. EBITDA

## Net Debt (incl. mortgages)/ Adjusted EBITDA





#### Adj. EBITDA / Interest Incurred



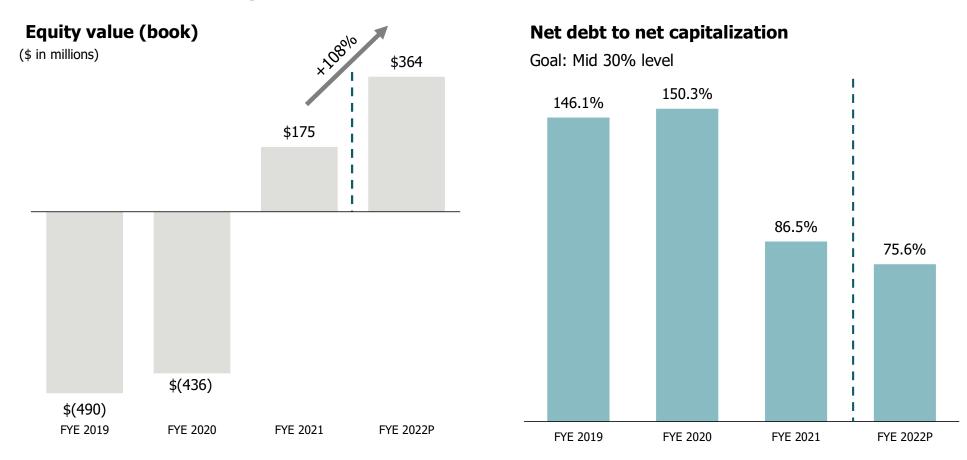
Note: For purposes of the FYE 2022 projection calculations on this slide:

- used the midpoint of adjusted EBITDA guidance for full year fiscal 2022,
- used FYE 2021 actual interest incurred, and
- non-recourse mortgage balance and cash are assumed to be equal to October 31, 2021 actuals.

### Balance sheet metrics



\*As of the closing stock price on December 8, 2021, our stock is trading at 1.9x fiscal 2022 ending book value.



Note: For purposes of the FYE 2022 projection calculations on this slide:

midpoint of adjusted income before income taxes guidance for full year 2022 and 30% effective tax rate, less preferred dividend, to get incremental increase to equity value for FYE 2022 and

<sup>•</sup> cash and debt balances are assumed to be equal to October 31, 2021 actuals.



## Guidance for First Quarter 2022



	<u>Actuals</u> <u>Q1 2021</u>	<b>Guidance</b> <b>Q1 2022</b> <sup>(1)</sup>
Total Revenues	\$575	\$640 - \$670
Adjusted Homebuilding Gross Margin <sup>(2)</sup>	20.7%	20.5% - 22.0%
Total SG&A as Percentage of Total Revenues <sup>(3)</sup>	11.1%	10.8% - 11.8%
Adjusted Income Before Income Taxes <sup>(4)</sup>	<b>\$21</b>	\$30 - \$35

<sup>(1)</sup> The Company cannot provide a reconciliation between its non-GAAP projections and the most directly comparable GAAP measures without unreasonable efforts because it is unable to predict with reasonable certainty the ultimate outcome of certain significant items required for the reconciliation. These items include, but are not limited to, land-related charges, and loss (gain) on extinguishment of debt. These items are uncertain, depend on various factors and could have a material impact on GAAP reported results.

<sup>(2)</sup> Adjusted homebuilding gross margin percentage is before cost of sales interest expense and land charges. See appendix for a reconciliation to the most directly comparable GAAP measure.

<sup>(3)</sup> Total SG&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs. Ratio calculated as a percentage of total revenues. The SG&A guidance assumes that the stock remains at \$84.26

<sup>(4)</sup> Adjusted Income Before Income Taxes excludes land-related charges and loss (gain) on extinguishment of debt. See appendix for a reconciliation to the most directly comparable GAAP measure.

## Guidance for Second Quarter 2022



	<u>Actuals</u> <u>Q2 2021</u>	<b>Guidance</b> <b>Q2 2022</b> <sup>(1)</sup>
Total Revenues	<b>\$703</b>	<b>\$700 - \$750</b>
Adjusted Homebuilding Gross Margin <sup>(2)</sup>	21.3%	23.0% - 25.0%
Total SG&A as Percentage of Total Revenues <sup>(3)</sup>	11.7%	9.5% - 10.5%
Adjusted Income Before Income Taxes <sup>(4)</sup>	\$31	\$60 - \$75

<sup>(1)</sup> The Company cannot provide a reconciliation between its non-GAAP projections and the most directly comparable GAAP measures without unreasonable efforts because it is unable to predict with reasonable certainty the ultimate outcome of certain significant items required for the reconciliation. These items include, but are not limited to, land-related charges, and loss (gain) on extinguishment of debt. These items are uncertain, depend on various factors and could have a material impact on GAAP reported results.

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<sup>(3)</sup> Total SG&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs. Ratio calculated as a percentage of total revenues. The SG&A guidance assumes that the stock remains at \$84.26

<sup>(4)</sup> Adjusted Income Before Income Taxes excludes land-related charges and loss (gain) on extinguishment of debt. See appendix for a reconciliation to the most directly comparable GAAP measure.

## Guidance for Fiscal 2022



	Actuals FY 2021	Guidance FY 2022 <sup>(1)</sup>
Total Revenues	\$2,783	\$2,800 - \$3,000
Adjusted Homebuilding Gross Margin <sup>(2)</sup>	21.8%	23.5% - 25.5%
Total SG&A as Percentage of Total Revenues <sup>(3)</sup>	9.9%	9.3% - 10.3%
Adjusted EBITDA <sup>(4)</sup>	\$364	\$410 - \$460
Adjusted Income Before Income Taxes <sup>(5)</sup>	\$197	\$260 - \$310
Diluted EPS (excluding valuation allowance reduction)	\$21.77	\$26.50 - \$32.00

<sup>(1)</sup> The Company cannot provide a reconciliation between its non-GAAP projections and the most directly comparable GAAP measures without unreasonable efforts because it is unable to predict with reasonable certainty the ultimate outcome of certain significant items required for the reconciliation. These items include, but are not limited to, land-related charges, inventory impairment loss and land option write-offs and loss (gain) on extinguishment of debt. These items are uncertain, depend on various factors and could have a material impact on GAAP reported results.

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<sup>(4)</sup> Adjusted EBITDA is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net income (loss). Adjusted EBITDA represents earnings before interest expense, income taxes, depreciation, amortization, land-related charges and loss (gain) on extinguishment of debt.

<sup>(5)</sup> Adjusted Income Before Income Taxes excludes land-related charges, joint venture write-downs and loss (gain) on extinguishment of debt. See appendix for a reconciliation to the most directly comparable GAAP measure.

## Guidance Range for Fiscal 2022<sup>(1)</sup>





<sup>(1)</sup> The Company cannot provide a reconciliation between its non-GAAP projections and the most directly comparable GAAP measures without unreasonable efforts because it is unable to predict with reasonable certainty the ultimate outcome of certain significant items required for the reconciliation. These items include, but are not limited to, land-related charges, inventory impairment loss and land option write-offs and loss (gain) on extinguishment of debt. These items are uncertain, depend on various factors and could have a material impact on GAAP reported results.

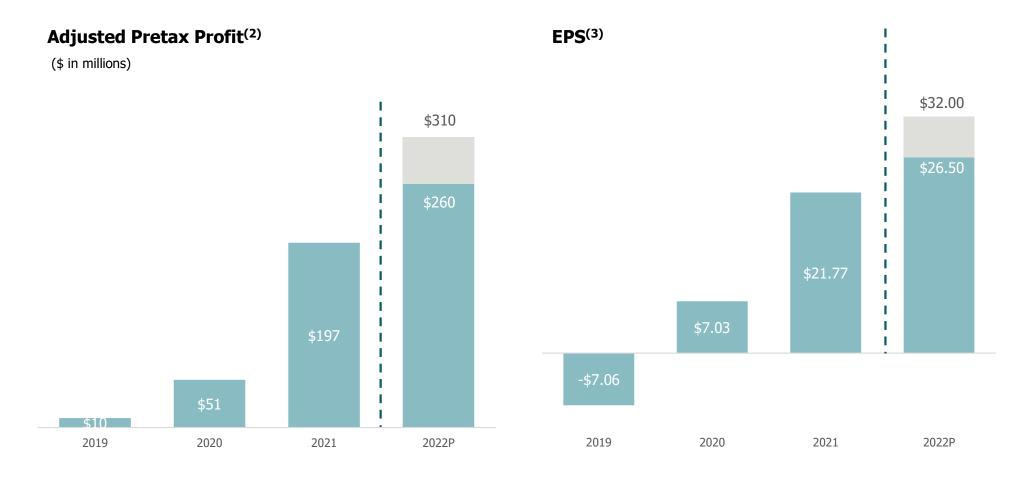
(2) Adjusted homebuilding gross margin percentage is before cost of sales interest expense and land charges. See appendix for a reconciliation to the most directly comparable GAAP measure. (3) Total SG&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs. Ratio calculated as a percentage of total revenues.

(5) The percentage increases for 2022 are based on the midpoint of our guidance range.

<sup>(4)</sup> Adjusted EBITDA is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net income. Adjusted EBITDA represents earnings before interest expense, income taxes, depreciation, amortization, land-related charges and loss (gain) on extinguishment of debt.

## Guidance Range for Fiscal 2022<sup>(1)</sup>





<sup>(1)</sup> The Company cannot provide a reconciliation between its non-GAAP projections and the most directly comparable GAAP measures without unreasonable efforts because it is unable to predict with reasonable certainty the ultimate outcome of certain significant items required for the reconciliation. These items include, but are not limited to, land-related charges, inventory impairment loss and land option write-offs and loss (gain) on extinguishment of debt. These items are uncertain, depend on various factors and could have a material impact on GAAP reported results.

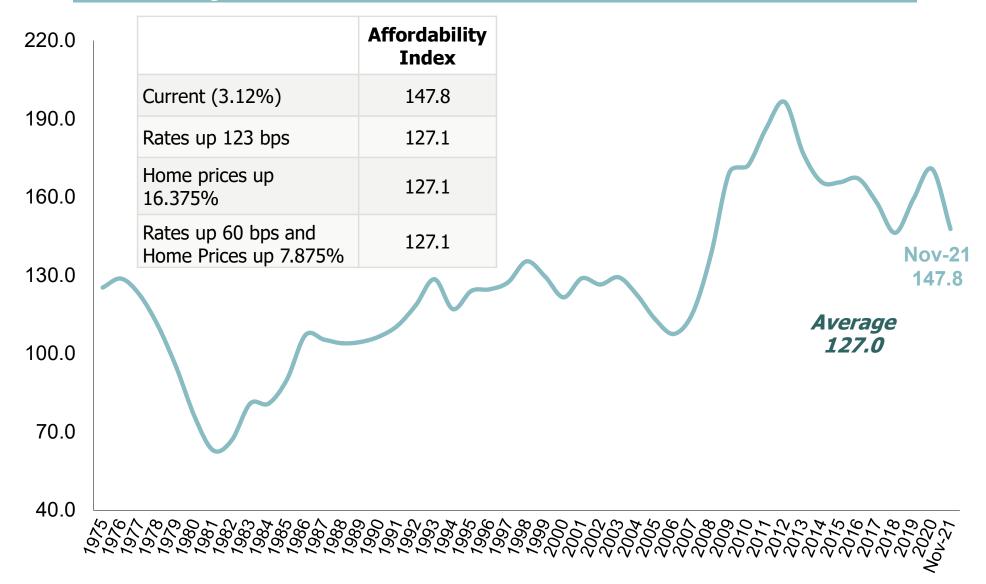
<sup>(2)</sup> Adjusted Income Before Income Taxes excludes land-related charges and loss (gain) on extinguishment of debt. See appendix for a reconciliation to the most directly comparable GAAP measure. (3) Midpoint of adjusted income before income taxes guidance for full year 2022 and 30% effective tax rate less preferred dividend.



### Affordability Index



### "The higher the affordability Index the better."

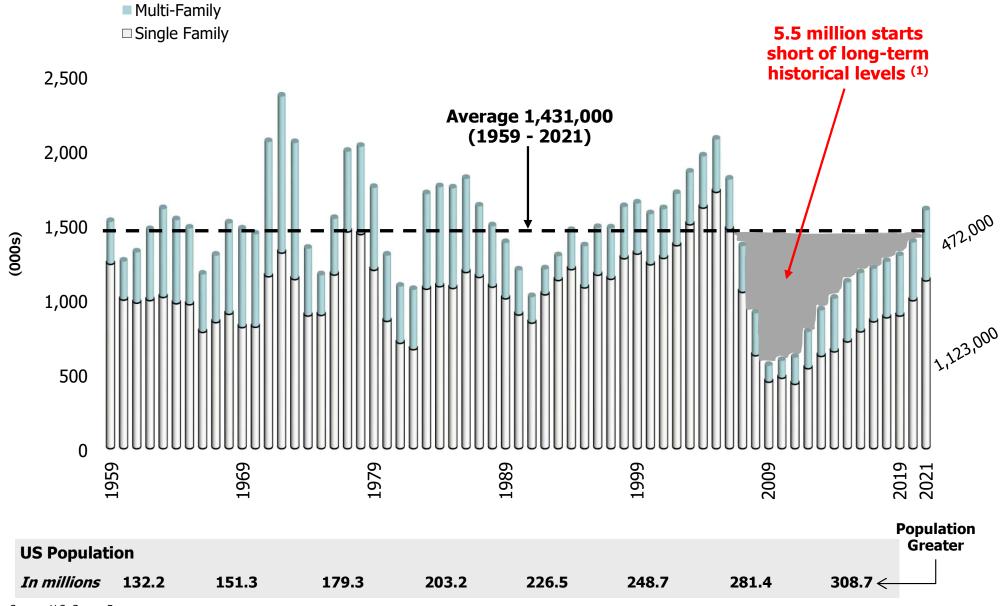


Note: Based on a 25% qualifying ratio for monthly housing expense to gross monthly income with a 20% down payment. Source: NAR, Freddie Mac and US Census Bureau.

### Recent shortfall in U.S. housing production



(For Sale and Rental)

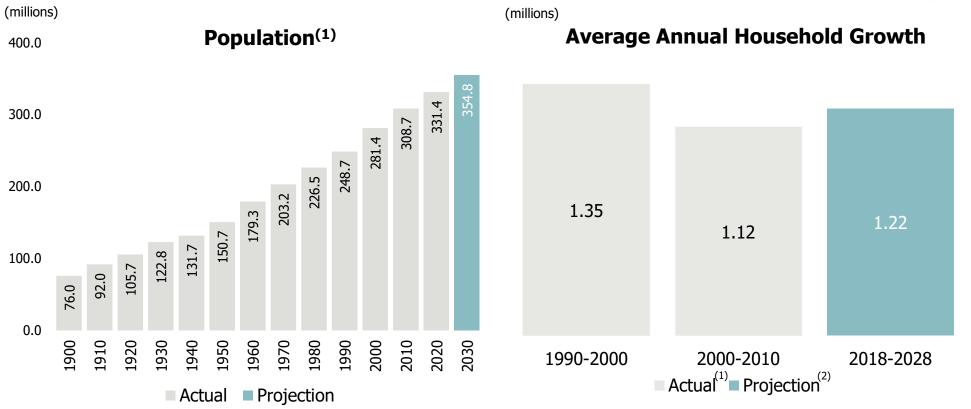


Source: U.S. Census Bureau.

(1) Wall Street Journal article from June 16, 2021 referencing a new National Association of Realtors report.

### Historical and Projected Annual Demand





#### **Projected Annual Demand 2018 - 2028**(2)

- 1.22 million household formations
- 0.17 million demolitions
- 0.12 million second homes and vacant units

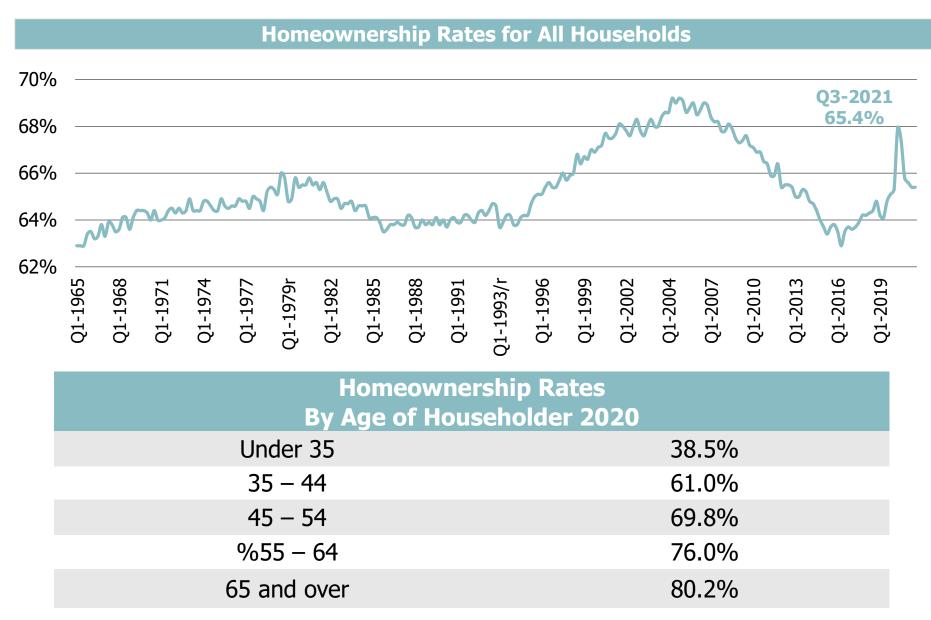
1.51 million new homes per year

<sup>(1)</sup> U.S. Census Bureau

<sup>(2)</sup> Joint Center for Housing Studies of Harvard University.

### Homeownership Rates



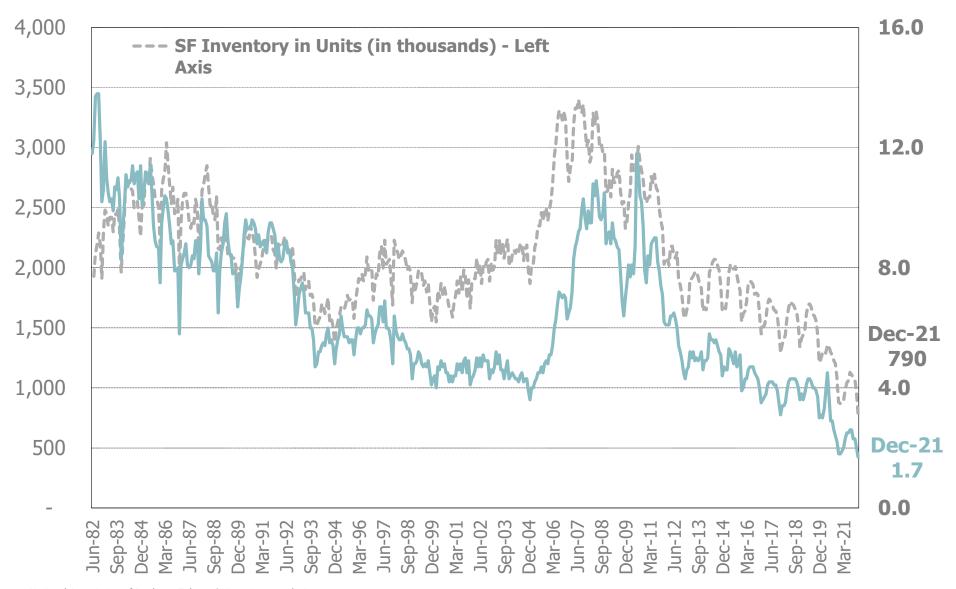


Homeownership rates increase with age

# Existing Single-Family Inventory Versus Months' Supply - June 1982 through December 2021



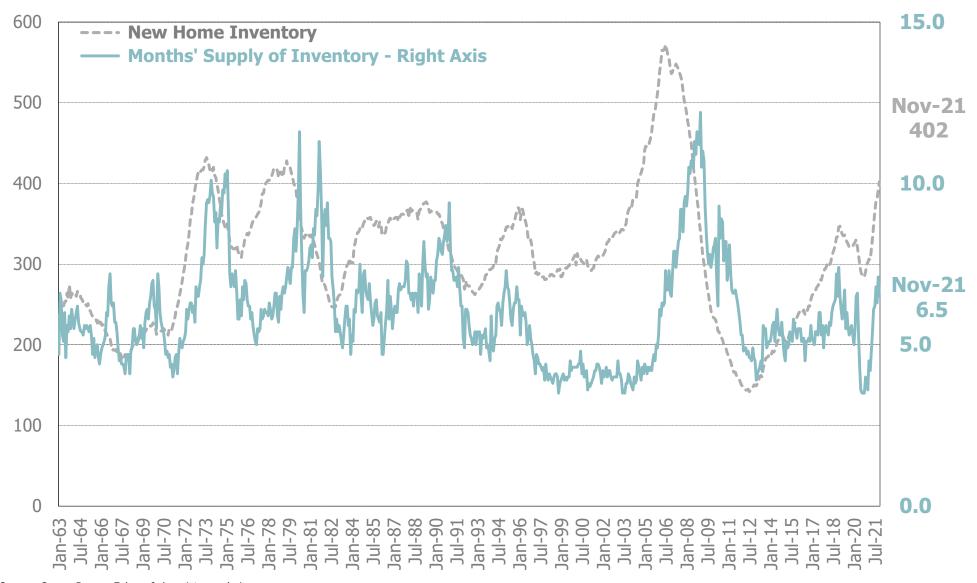
(Units in thousands)



# New Home Inventory Versus Months' Supply January 1963 through November 2021



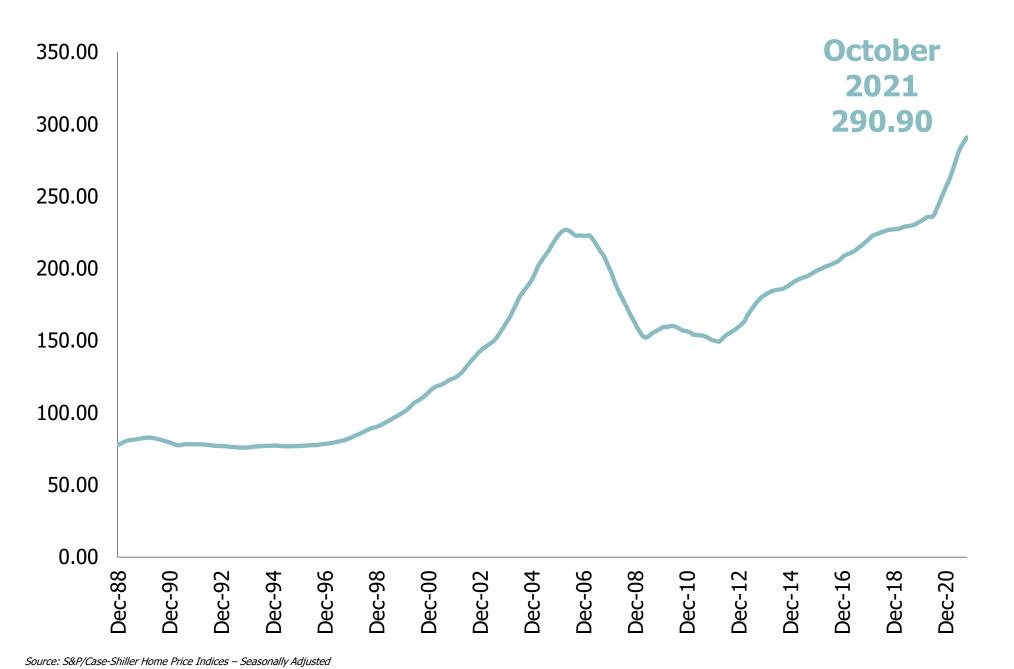
(Units in thousands)



Source: Census Bureau, Zelman & Associates analysis.

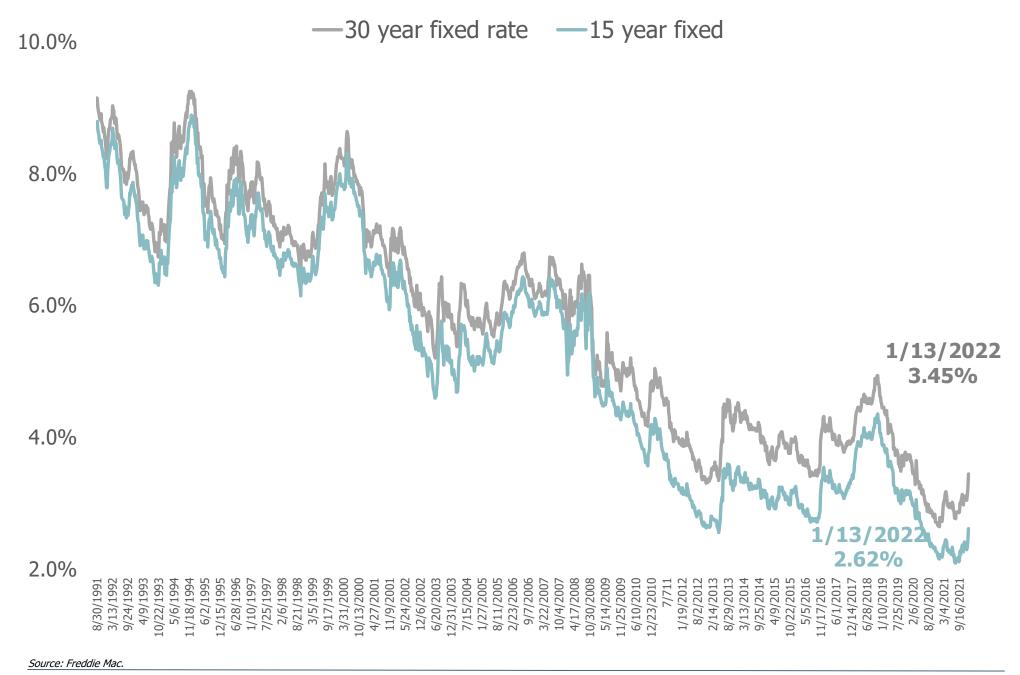
### Case-Shiller 10 City Composite Index





### Mortgage Rates

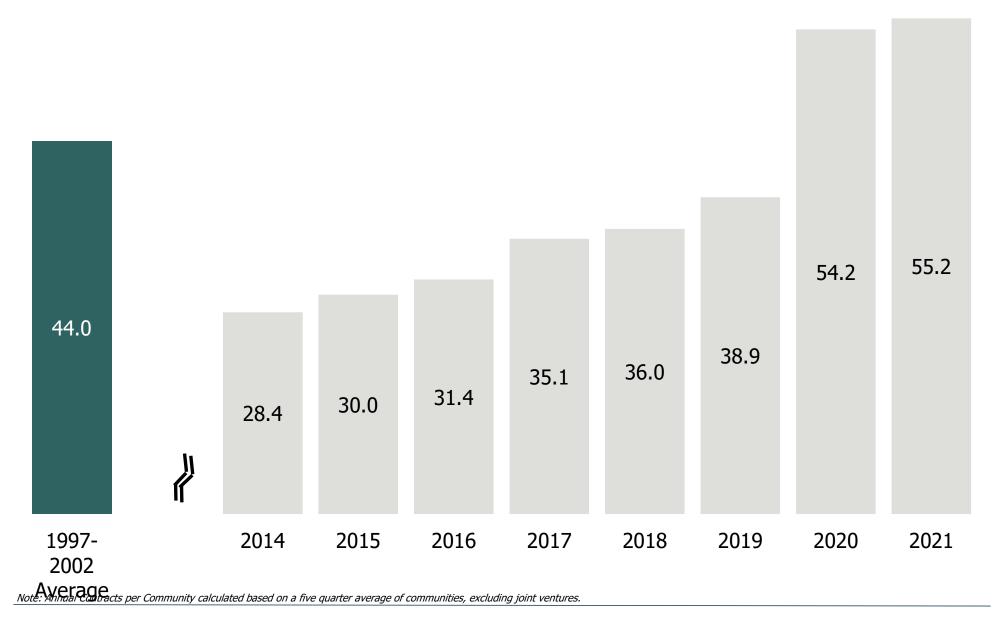






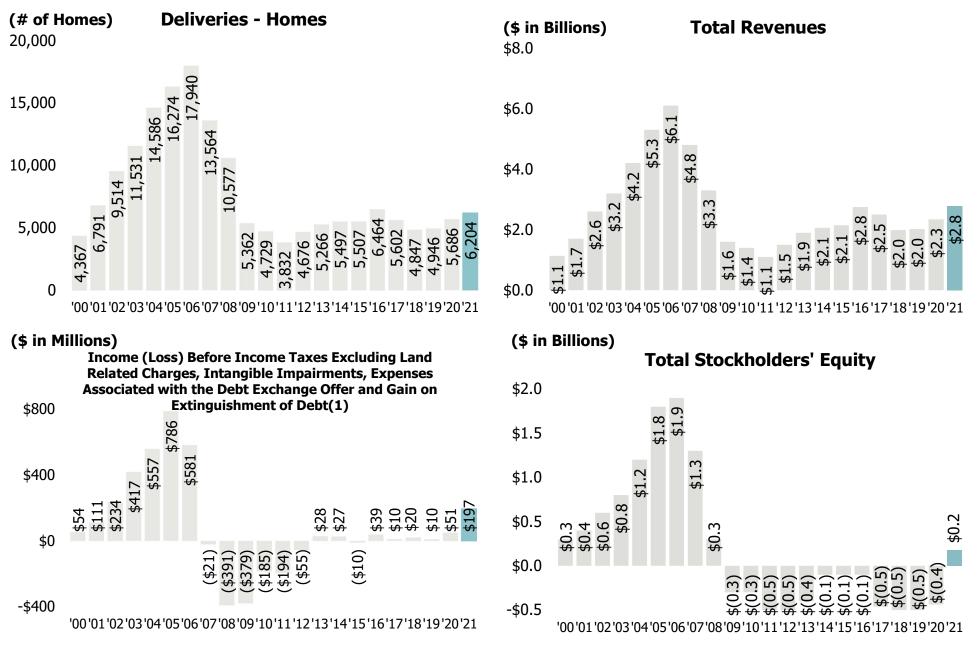
### **Annual Contracts Per Community**





### **Historical Performance**

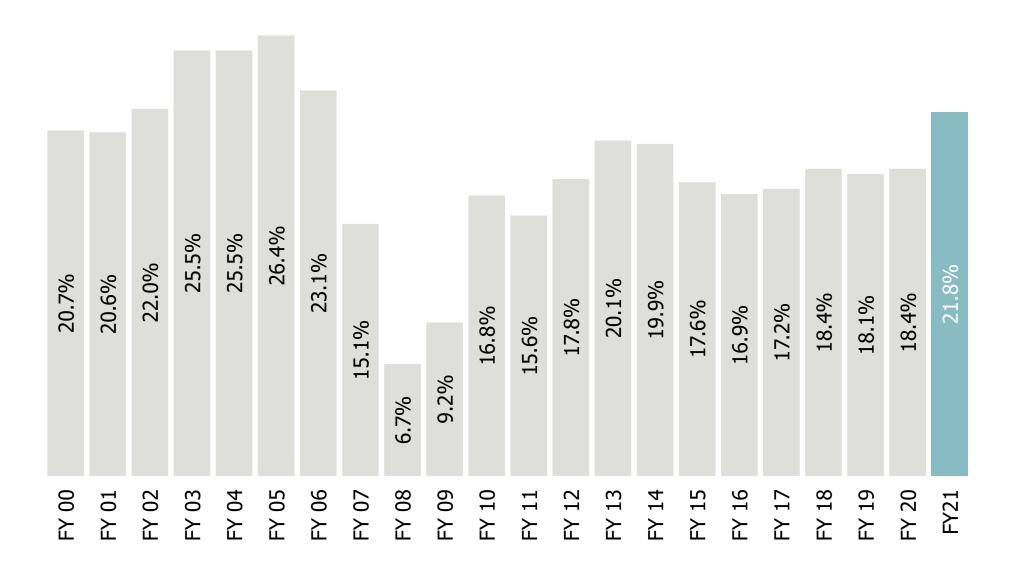




(1) Represents a non-GAAP metric. Please see appendix for reconciliation.

### Adjusted Homebuilding Gross Margin<sup>(1)</sup>



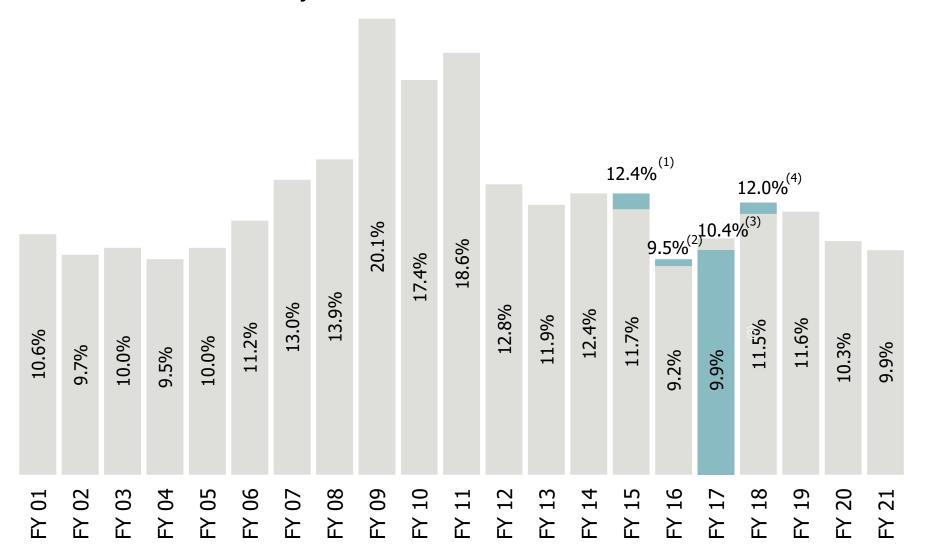


(1) Adjusted homebuilding gross margin percentage is before interest expense and land charges included in cost of sales. Please see appendix for reconciliation.

### Total SG&A as a Percentage of Total Revenues



■ Actual Total SG&A ■ Adjusted Total SG&A (1),(2),(3),(4)



Note: Total SG&A includes homebuilding selling, general and administrative costs and corporate general and administrative costs.

<sup>(1) 2015</sup> excludes \$15.2 million of benefit due to a substantial reduction in our construction defect reserve based on our annual actuarial study.

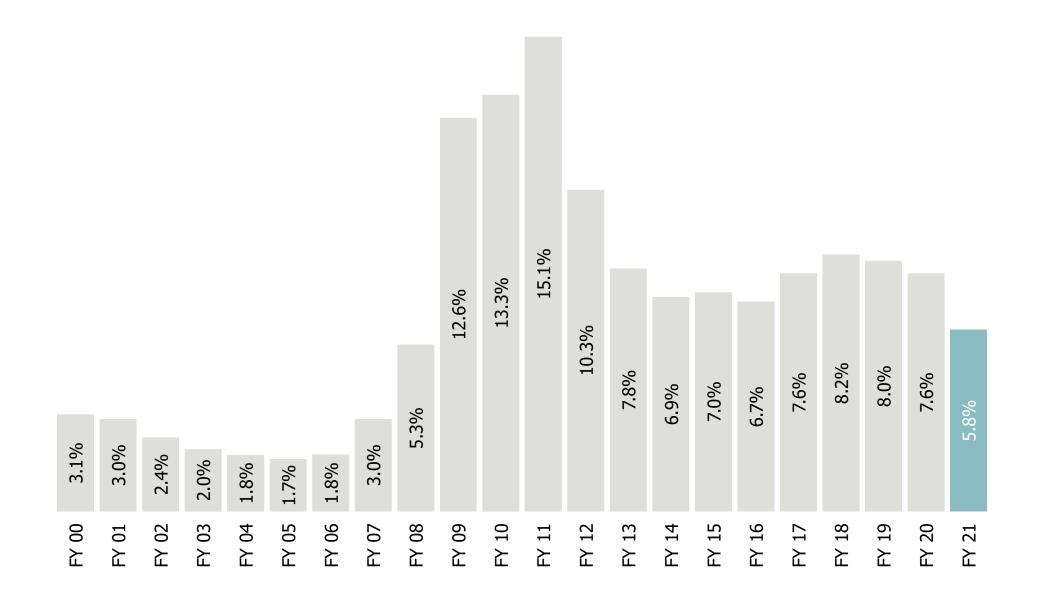
<sup>(2) 2016</sup> excludes \$9.2 million of benefit due to a substantial reduction in our construction defect reserve based on our annual actuarial study.

<sup>(3) 2017</sup> includes a \$12.5 million adjustment to construction defect reserves related to litigation for two closed communities.

<sup>(4) 2018</sup> excludes \$10.0 million of benefit due to a substantial reduction in our construction defect reserve based on our annual actuarial study.

### Total Interest as a Percentage of Total Revenues





## Homebuilding Costs as a % of Revenue



	<u>2001</u>	2002	2003	2004	2005	2006	2007	2008	2009	<u>2010</u>	<u>2011</u>	2012	2013	<u>2014</u>	2015	<u>2016</u>	2017	2018	<u>2019</u>	2020	2021	Avg.
Land (Developed Lot) <sup>1</sup> :	25.2%	25.8%	25.5%	25.2%	24.0%	21.9%	23.1%	26.8%	23.2%	21.4%	22.3%	25.9%	25.8%	26.2%	26.5%	29.2%	30.4%	28.7%	28.9%	30.3%	28.5%	25.9%
Direct Construction Costs:	46.3%	44.8%	41.6%	41.3%	41.6%	46.7%	51.2%	55.3%	52.7%	48.5%	49.6%	45.2%	44.2%	44.1%	45.5%	44.0%	42.7%	43.2%	43.2%	41.8%	41.2%	45.5%
Other: Comissions Financing concessions Overheads	2.3% 1.0% 4.6%	2.2% 1.0% 4.2%	2.1% 0.9% 4.4%	2.2% 1.0% 4.8%	2.3% 1.0% 4.7%		2.8% 1.4% 6.4%	2.7% 1.7% 6.8%	3.3% 2.4% 9.2%	3.3% 2.2% 7.8%	3.5% 2.0% 7.0%	3.4% 1.7% 6.0%	3.3% 1.4% 5.2%	3.4% 1.3% 5.1%	3.6% 1.4% 5.4%	3.5% 1.3% 5.1%	1.2%	3.6% 1.2% 4.9%	3.7% 1.4% 4.7%	3.7% 1.4% 4.4%	3.7% 1.1% 3.7%	3.1% 1.4% 5.4%
Adjusted Homebuilding Gross Margin <sup>2</sup> :	20.6%	22.0%	25.5%	25.5%	26.4%	23.1%	15.1%	6.7%	9.2%	16.8%	15.6%	17.8%	20.1%	19.9%	17.6%	16.9%	17.2%	18.4%	18.1%	18.4%	21.8%	
Per Lot Cost (in 000s):	\$62.8	\$66.8	\$69.2	\$70.5	\$76.4	\$72.1	\$78.0	\$80.5	\$65.9	\$60.1	\$62.4	\$77.9	\$87.4	\$95.9	\$100.5	\$117.5	\$127.0	\$112.9	\$113.9	\$120.2	\$122.8	
Average Sales Price (In 000s):	\$249.4	\$258.8	\$271.4	\$279.9	\$318.2	\$329.1	\$337.8	\$300.4	\$283.9	\$280.7	\$279.9	\$300.6	\$338.8	\$366.2	\$379.2	\$402.4	\$417.7	\$393.3	\$394.2	\$396.1	\$431.0	

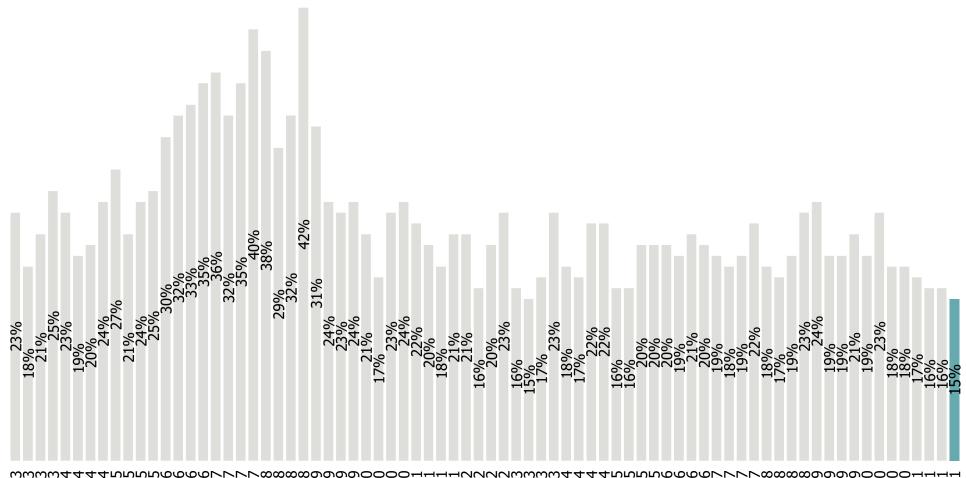
 $<sup>^{\,1}</sup>$  Includes the reversal of land impairments taken in prior periods.

<sup>&</sup>lt;sup>2</sup> Adjusted homebuilding gross margin percentage is before cost of sales interest expense and land charges. See appendix for a reconciliation to the most directly comparable GAAP measure.

### **Cancellation Rates**



#### **Calculated as a % of Gross Contracts**

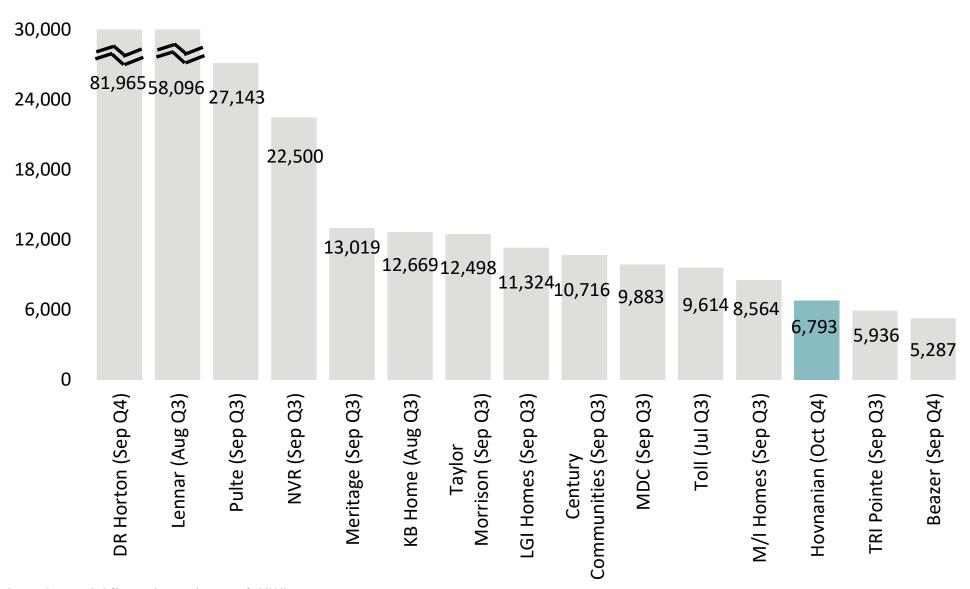




### Total Deliveries, Last Twelve Months



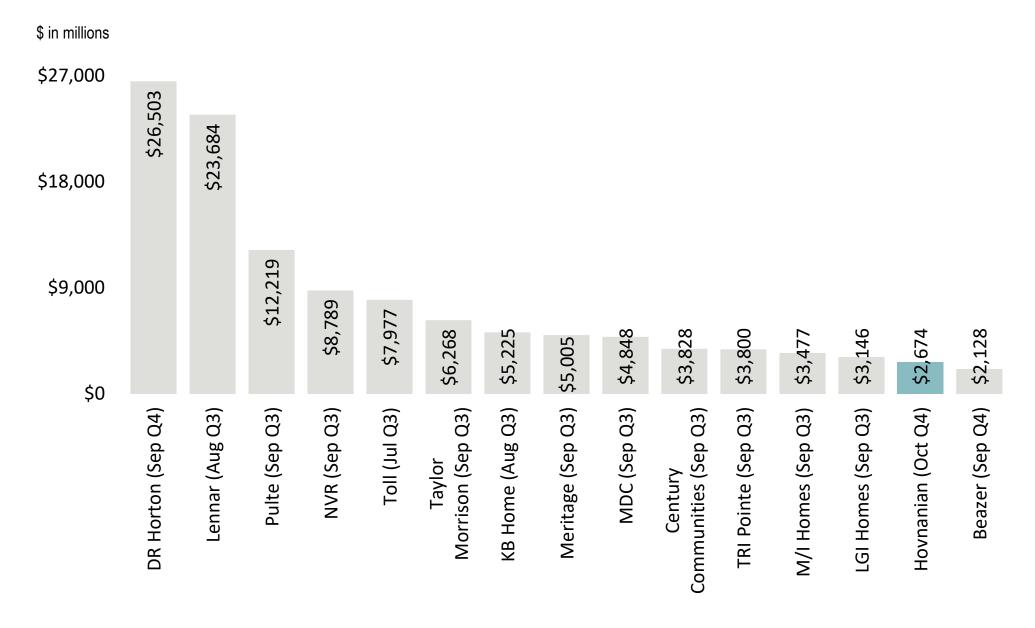




Source: Company SEC filings and press releases as of 12/09/21. Note: Excludes unconsolidated joint ventures.

### LTM Homebuilding Revenue





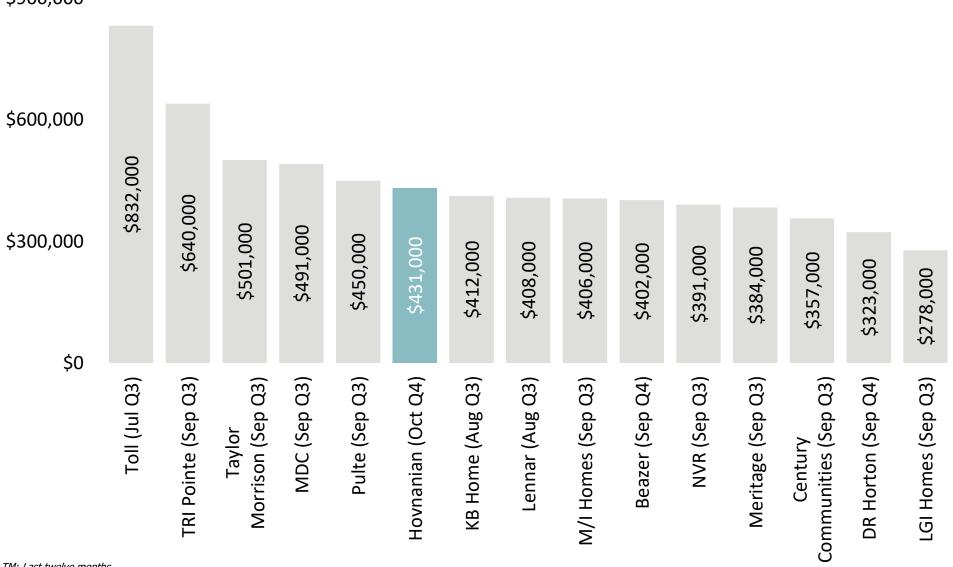
LTM: Last twelve months. Source: Company SEC filings and press releases as of 12/09/21. Note: Excludes unconsolidated joint ventures.

### LTM Average Selling Price





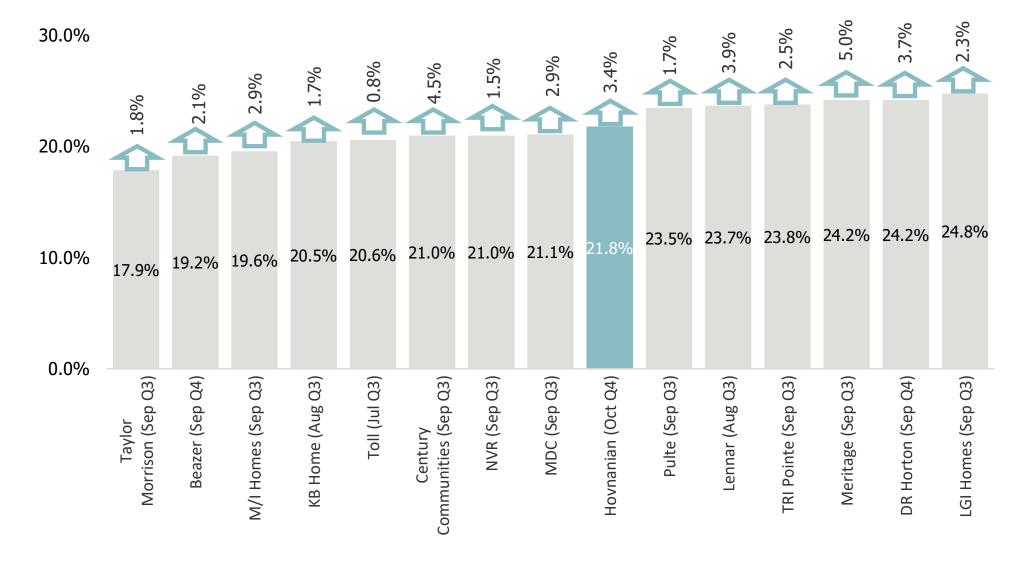




LTM: Last twelve months. Source: Company SEC filings and press releases as of 12/09/21. Note: Excludes unconsolidated joint ventures.

## Adjusted Gross Margin Percentage, Last Twelve Months





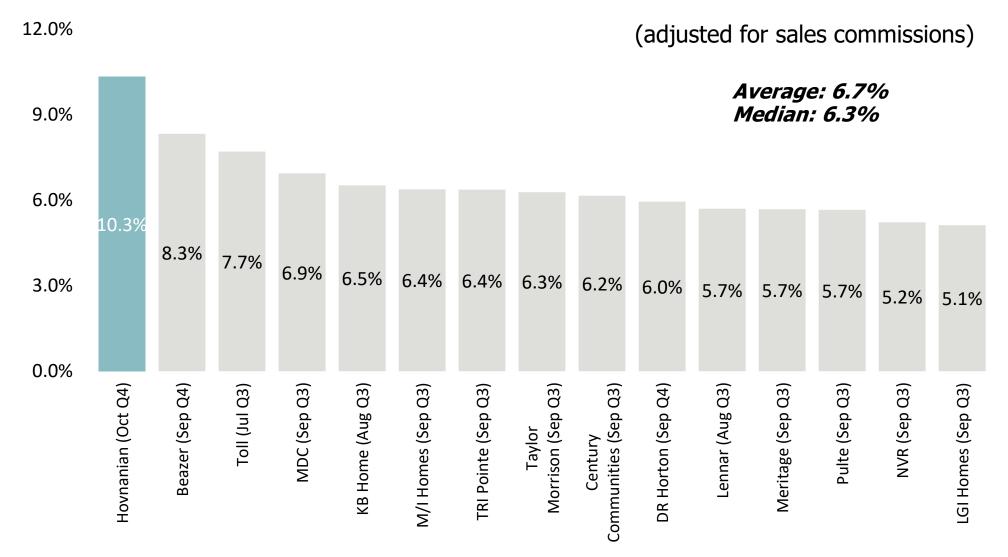
Note: Hovnanian sales commission was 3.6% in the last twelve months. Reduced Century Communities, KB Home, Lennar, LGI Homes, MDC, Meritage, M/I Homes, Pulte, Taylor Morrison, Toll and Tri Pointe publicly reported results by full 3.6% because all of their sales commissions are reported in SG&A. Reduced DR Horton's publicly reported results by 1.8% because only some of their sales commissions were reported in SG&A. Beazer and MDC report commissions separately and are reduced by 3.8% and 3.1%, respectively.

Source: Company SEC filings and press releases as of 12/09/21.

Note: Excluding interest and impairments.

# Adjusted Homebuilding SG&A as a % of Homebuilding Revenue, Last Twelve Months





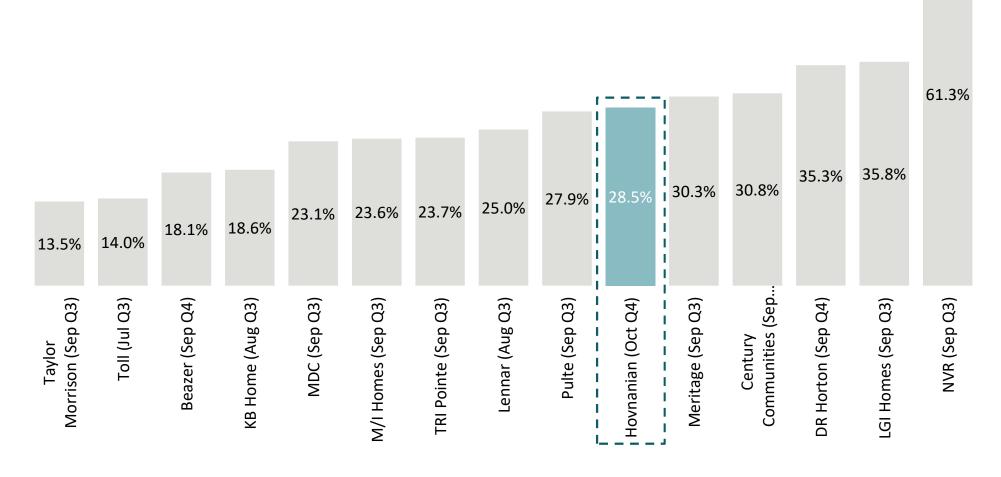
Note: Hovnanian sales commission was 3.6% in the last twelve months. Reduced Century Communities, KB Home, Lennar, LGI Homes, MDC, Meritage, M/I Homes, Pulte, Taylor Morrison, Toll and Tri Pointe publicly reported results by full 3.6% because all of their sales commissions are reported in SG&A. Reduced DR Horton's publicly reported results by 1.8% because only some of their sales commissions were reported in SG&A. Beazer and MDC report commissions separately and are reduced by 3.8% and 3.1%, respectively.

Source: Company SEC filings and press releases as of 12/09/21.

Note: Excluding interest and impairments.

## Adjusted Homebuilding EBIT to Inventory, Last Twelve Months<sup>(1)</sup>



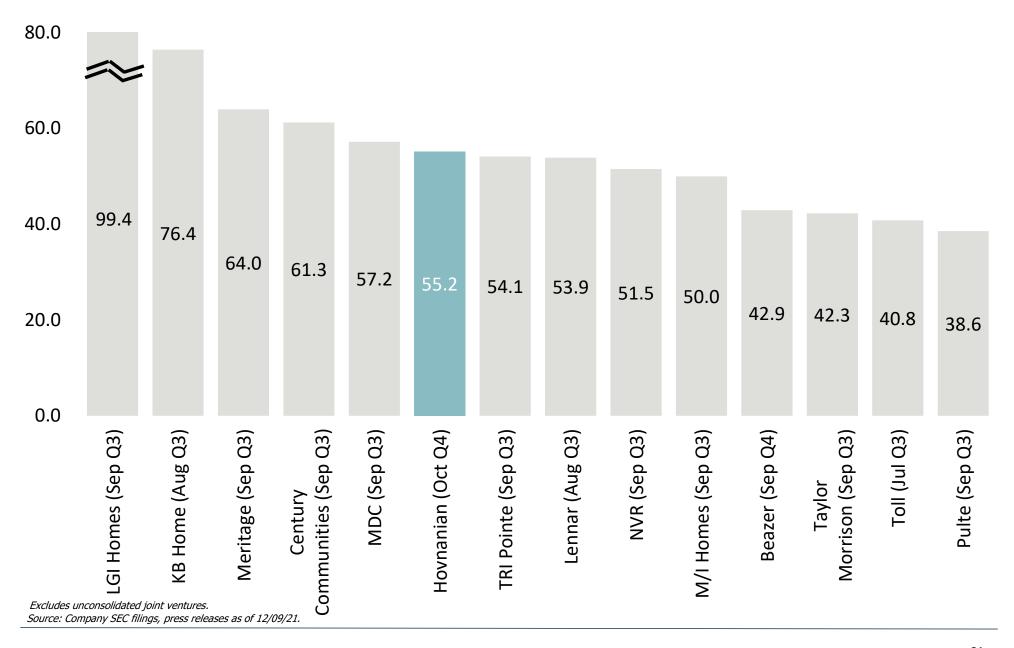


Source: Company SEC filings and press releases as of 12/09/21. See appendix for a reconciliation to the most directly comparable GAAP measure.

(1) Defined as LTM Homebuilding EBIT before land-related charges divided by five quarter average inventory, excluding capitalized interest and inventory not owned, and including liabilities from inventory not owned.

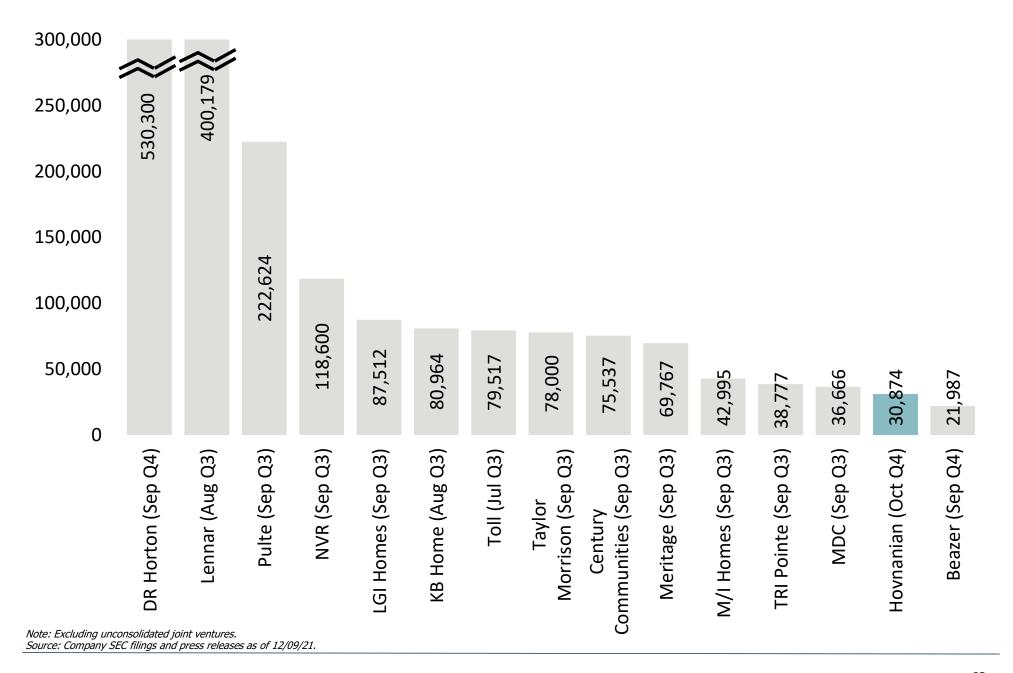
## Net Contracts per Community, Last Twelve Months





### **Total Lots Controlled**

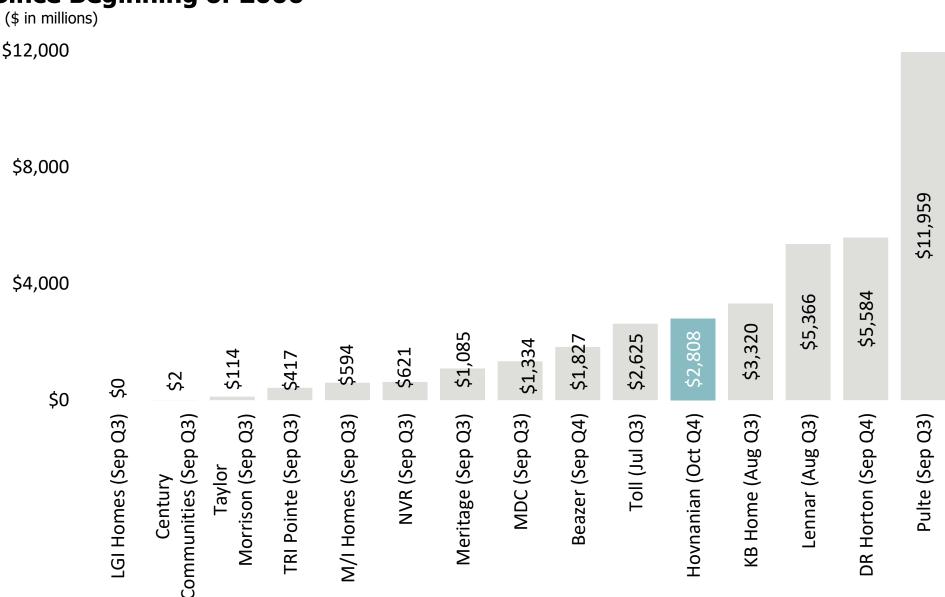




### Total Charges\*



### **Since Beginning of 2006**



<sup>\*</sup>Includes all reported land related charges, goodwill/intangible impairments and joint venture related impairments. Source: Company SEC filings and press releases as of 12/09/21.

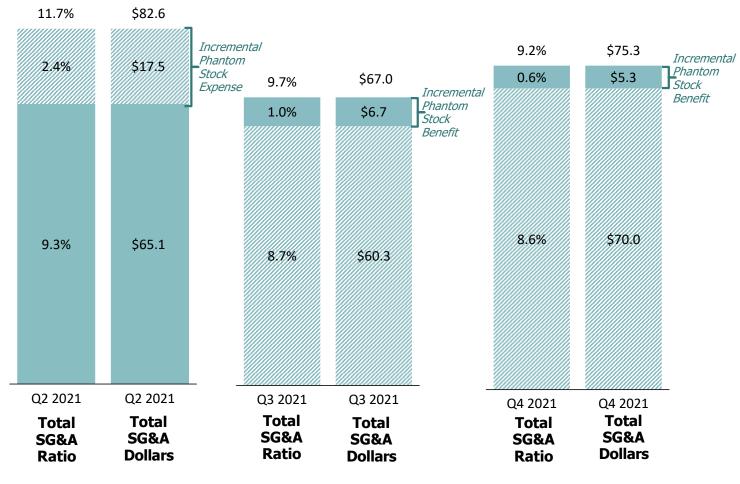


### Phantom stock expense



#### **Total SG&A Expense**

(\$ in millions)



- In 2019, we granted phantom stock awards in lieu of actual equity under our long-term incentive plan ("LTIP")
- This was done in the best interest of shareholders to avoid dilution concerns associated with our low stock price of \$14.50 at the time of grant
- Expense related to the phantom stock varies depending upon our common stock price at quarter end, is a noncash expense through fiscal 2021, and is reflected in our total SG&A expenses
- SG&A expenses in the second quarter of fiscal 2021 included \$17.5 million of incremental expense due to the phantom stock awards, which is solely related to our common stock price increasing from \$51.16 at the end of the first quarter to \$132.59 at the end of the second quarter
- SG&A expenses in the third quarter of fiscal 2021 included \$6.7 million of incremental benefit due to the phantom stock awards, which is solely related to our common stock price decreasing from \$132.59 at the end of the second quarter to \$104.39 at the end of the third quarter.
- SG&A expenses in the fourth quarter of fiscal 2021 included \$5.3 million of incremental benefit due to the phantom stock awards, which is solely related to our common stock price decreasing from \$104.39 at the end of the third quarter to \$84.26 at the end of the fourth quarter.

## FAS 144 Trigger Calculation



	<u>Lots</u> <u>Remaining</u>	<u>Cur</u>	rent Selling Price	<u>Total</u>
Total Remaining Housing Revenue	102	\$	534,000	\$ 54,468,000
Book Value (inventory as of analysis date)				\$18,500,000
Remaining Cost to Build (Including future capped interest)				\$36,300,000
Cost to Sell				\$1,500,000
Trigger (If "negative" then "yes")				-\$1,832,000

### Lot Option Position



October 31, 2021	Lots Optioned	Total Deposit (\$ millions)	Per Lot Deposit (\$)	Purchase Value (\$ billions)	Per Lot Purchase Value (\$)	% Deposit
Total	20,423	\$100.1	\$4,900	\$1.5	\$73,000	6.7%

■ \$17 million invested in pre-development expenses as of October 31, 2021

### Credit Quality of Homebuyers



### Fiscal Year 2021

Average LTV: 85%

Average CLTV: 86%

ARMs: 0.0%

FICO Score: 743

Capture Rate: 68%

### Fiscal Year 2020

Average LTV: 86%

Average CLTV: 86%

ARMs: 0.4%

FICO Score: 741

Capture Rate: 69%

<sup>\*</sup>Loans originated by our wholly-owned mortgage banking subsidiary.

#### Reconciliation of Income Before Income Taxes Excluding Land-Related Charges and Loss (Gain) on Extinguishment of Debt to Income Before Income Taxes



#### **Hovnanian Enterprises, Inc.**

October 31, 2021

Reconciliation of income before income taxes excluding land-related charges and loss (gain) on extinguishment of debt to income before income taxes

(In thousands)

	Th	ree Months End	led		Year Ended			
		October 31,		October 31,				
	2021	2020	2019	2021	2020	2019		
		(Unaudited)			(Unaudited)			
Income before income taxes	\$77,445	\$42,444	\$(586)	\$189,861	\$55,403	\$(39,668)		
Inventory impairment loss and land option write-offs	363	2,611	2,687	3,630	8,813	6,288		
Loss (gain) on extinguishment of debt	3,442			3,748	(13,337)	42,436		
Income before income taxes excluding land-related charges and loss (gain) on extinguishment of debt (1)	\$81,250	\$45,055	\$44,537	\$197,239	\$50,879	\$9,910		

<sup>(1)</sup> Income before income taxes excluding land-related charges and loss (gain) on extinguishment of debt is a non-GAAP financial measure. The most directly comparable GAAP financial measure is income before income taxes.

### Reconciliation of Gross Margin



Hovnanian Enterprises, Inc. October 31, 2021

Gross margin

(In thousands)						
	Home	Homebuilding Gross Margin Homebuilding Gross Marg				
	Th	ree Months Ende	ed		Year Ended	
		October 31,			October 31,	
	2021	2020	2019	2021	2020	2019
		(Unaudited)			(Unaudited)	
Sale of homes	\$779,551	\$643,516	\$692,146	\$2,673,710	\$2,252,029	\$1,949,682
Cost of sales, excluding interest expense and land charges (1)	602,097	513,416	561,284	2,091,016	1,837,332	1,596,237
Homebuilding gross margin, before cost of sales interest expense and						
land charges (2)	177,454	130,100	130,862	582,694	414,697	353,445
Cost of sales interest expense, excluding land sales interest expense	25,939	15,707	27,556	82,181	74,174	70,520
Homebuilding gross margin, after cost of sales interest expense, before						
land charges (2)	151,515	114,393	103,306	500,513	340,523	282,925
Land charges	363	2,611	2,687	3,630	8,813	6,288
Homebuilding gross margin	\$151,152	\$111,782	\$100,619	\$496,883	\$331,710	\$276,637
	10.101	.=	4.4 = 0.4	10.00	4.4 = 0.4	4.4.00
Homebuilding Gross margin percentage	19.4%	17.4%	14.5%	18.6%	14.7%	14.2%
Homebuilding Gross margin percentage, before cost of sales interest	22.00/	20.20/	10.00/	24.00/	10.40/	10.10/
expense and land charges (2)	22.8%	20.2%	18.9%	21.8%	18.4%	18.1%
Homebuilding Gross margin percentage, after cost of sales interest	10.40/	17.00/	14.00/	10.70/	15 10/	14 50/
expense, before land charges (2)	19.4%	17.8%	14.9%	18.7%	15.1%	14.5%
	Lane	d Sales Gross Ma	rain	Land	d Sales Gross Mar	ain
		ree Months Ende		Lanc	Year Ended	yırı
	111	October 31,	tu		October 31,	
	2021	2020	2019	2021	2020	2019
		(Unaudited)			(Unaudited)	
Land and lot sales	\$13,634	\$16,805	\$1,161	\$25,364	<b>\$16,905</b>	\$9,211
Land and lot sales cost of sales, excluding interest and land charges (1)	10,059	10,993	1,150	19,180	11,154	8,540
Land and lot sales gross margin, excluding interest and land charges	3,575	5,812	11	6,184	5,751	671
Land and lot sales interest	31	84		1,919	156	205
Land and lot sales gross margin, including interest and excluding land						
charges	\$3,544	\$5,728	\$11	\$4,265	\$5,595	\$466

<sup>(1)</sup> Does not include cost associated with walking away from land options or inventory impairment losses which are recorded as Inventory impairment loss and land option write-offs in the Consolidated Statements of Operations.

<sup>(2)</sup> Homebuilding gross margin, before cost of sales interest expense and land charges, and homebuilding gross margin percentage, before cost of sales interest expense and land charges, are non-GAAP financial measures. The most directly comparable GAAP financial measures are homebuilding gross margin and homebuilding gross margin percentage, respectively.

### Reconciliation of Adjusted EBITDA to Net Income Hovnanian



#### **Hovnanian Enterprises, Inc.**

October 31, 2021

Reconciliation of adjusted EBITDA to net income (loss)

(In thousands)

	T	hree Months Ende	d		Year Ended	
		October 31,			October 31,	
	2021	2020	2019	2021	2020	2019
		(Unaudited)			(Unaudited)	
Net income	\$52,480	\$40,634	\$(1,807)	\$607,817	\$50,928	\$(42,117)
Income tax provision (benefit)	24,965	1,810	1,221	(417,956)	4,475	2,449
Interest expense	38,520	40,648	50,299	161,816	178,131	160,781
EBIT (1)	115,965	83,092	49,713	351,677	233,534	121,113
Depreciation and amortization	1,189	1,407	1,230	5,280	5,304	4,172
EBITDA (2)	117,154	84,499	50,943	356,957	238,838	125,285
Inventory impairment loss and land option write-offs	363	2,611	2,687	3,630	8,813	6,288
Loss (gain) on extinguishment of debt	3,442		42,436	3,748	(13,337)	42,436
Adjusted EBITDA (3)	<u>\$120,959</u>	\$87,110	\$96,066	\$364,335	\$234,314	\$174,009
Interest incurred	\$33,006	\$41,660	\$43,566	\$155,514	\$176,457	\$165,906
Adjusted EBITDA to interest incurred	3.66	2.09	2.21	2.34	1.33	1.05

<sup>(1)</sup> EBIT is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net income. EBIT represents earnings before interest expense and income taxes.

<sup>(2)</sup> EBITDA is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net income. EBITDA represents earnings before interest expense, income taxes, depreciation and amortization.

<sup>(3)</sup> Adjusted EBITDA is a non-GAAP financial measure. The most directly comparable GAAP financial measure is net income. Adjusted EBITDA represents earnings before interest expense, income taxes, depreciation, amortization, inventory impairment loss and land option write-offs and (loss) gain on extinguishment of debt.

# Key credit and balance sheet metrics reconciliations



		October 31,	
	<u>2021</u>	<u>2020</u>	<u>2019</u>
Nonrecourse mortgages secured by inventory, net of debt issuance costs	\$125,089	\$135,122	\$203,585
Senior notes and credit facilities (net of discounts, premiums and debt issuance costs)	<u>\$1,248,373</u>	<u>\$1,431,110</u>	<u>\$1,479,990</u>
Total debt	\$1,373,462	\$1,566,232	\$1,683,575
Cash and cash equivalents	<u>\$245,970</u>	<u>\$262,489</u>	<u>\$130,976</u>
Net Debt	<u>\$1,127,492</u>	<u>\$1,303,743</u>	<u>\$1,552,599</u>
Adjusted EBITDA	\$364,335	\$234,314	\$174,009
Total Debt to Adjusted EBITDA	3.8	6.7	9.7
Net Debt to Adjsuted EBITDA	3.1	5.6	8.9
Interest Incurred	\$155,514	\$176,457	\$165,906
Adjsted EBITDA to Interest Incurred	2.3	1.3	1.0
Net Debt	\$1,127,492	\$1,303,743	\$1,552,599
Total equity (deficit)	<u>\$175,384</u>	<u>\$(436,094)</u>	<u>\$(489,776)</u>
Net capitalization	<u>\$1,302,876</u>	<u>\$867,649</u>	\$1,062,823
Net debt to net capitalization	86.54%	150.26%	146.08%

### Reconciliation Of Adjusted Homebuilding **EBIT To Inventory**



**Hovnanian Enterprises, Inc.** October 31, 2021 (\$ in thousands)

(Unaudited)

			For the	Three Months E	inded	
	<u>LTM(a)</u>	10/31/2021	7/31/2021	4/30/2021	1/31/2021	10/31/2020
Homebuilding:						
Net loss (income)	\$607,817	\$52,480	\$47,702	\$488,676	\$18,959	\$40,634
Income tax benefit (provision)	(417,956)	24,965	14,097	(457,644)	626	1,810
Interest expense	161,816	38,520	38,398	43,758	41,140	40,648
EBIT (b)	351,677	115,965	100,197	74,790	60,725	83,092
Financial services revenue	(81,692)	(20,622)	(19,845)	(21,728)	(19,497)	(22,492)
Financial services expense	44,129	11,176	11,238	11,361	10,354	10,383
Homebuilding EBIT (b)	314,114	106,519	91,590	64,423	51,582	70,983
Inventory impairment loss and land option write-offs	3,630	363	1,309	81	1,877	2,611
Other operations	1,740	507	504	451	278	422
Loss (gain) on extinguishment of debt	3,748	3,442	306	0	0	0
Loss (income) from unconsolidated joint ventures	(8,849)	719	(5,011)	(2,641)	(1,916)	(3,146)
Adjusted homebuilding EBIT (b)	\$314,383	\$111,550	\$88,698	\$62,314	\$51,821	\$70,870
	_	As of	As of	As of	As of	As of
		<u>10/31/2021</u>	<u>7/31/2021</u>	<u>4/30/2021</u>	<u>1/31/2021</u>	<u>10/31/2020</u>
Total inventories		\$1,254,260	\$1,313,345	\$1,256,873	\$1,281,149	\$1,195,775
Less capitalized interest		58,159	63,673	59,772	65,327	65,010
Less liabilities from inventory not owned, net of debt issuance costs		62,762	69,627	90,430	119,432	131,204
	Five Quarter Average					
Inventories less capitalized interest and liabilities from inventory not owned	\$1,103,201	\$1,133,339	\$1,180,045	\$1,106,671	\$1,096,390	\$999,561
Adicated beneate siding CDIT to inventors	20.407240/					
Adjusted homebuilding EBIT to inventory	28.49734%					

<sup>(</sup>a) Represents the aggregation of each of the prior four fiscal quarters.

<sup>(</sup>b) EBIT, homebuilding EBIT and adjusted homebuilding EBIT are non-GAAP financial measures. The most directly comparable GAAP financial measure is net (income) loss.

### Reconciliation of Inventory Turnover



#### **Hovnanian Enterprises, Inc.**

October 31, 2021

Calculation of Inventory Turnover <sup>(1)</sup>						
						TTM
			For the qua	ter ended		ended
(Dollars in thousands)		1/31/2021	4/30/2021	7/31/2021	10/31/2021	10/31/2021
Cost of sales, excluding interest		\$439,638	\$536,534	\$521,868	\$612,156	\$2,110,196
			As of			
	10/31/2020	1/31/2021	4/30/2021	7/31/2021	10/31/2021	
Total inventories	\$1,195,775	\$1,281,149	\$1,256,873	\$1,313,345	\$1,254,260	
Less liabilities from inventory not owned, net of debt						Five
issuance costs	131,204	119,432	90,430	69,627	62,762	Quarter
Less capitalized interest	65,010	65,327	59,772	63,673	58,159	Average
Inventories less capitalized interest and liabilities from						
inventory not owned	\$999,561	\$1,096,390	\$1,106,671	\$1,180,045	\$1,133,339	\$1,103,201
Inventory turnover						1.9x

<sup>(1)</sup> Derived by dividing cost of sales, excluding cost of sales interest, by the five quarter average inventory, excluding liabilities from inventory not owned and capitalized interest. The Company's calculation of Inventory Turnover may be different than the calculation used by other companies and, therefore, comparability may be affected.

<sup>(1)</sup> Derived by dividing cost of sales, excluding cost of sales interest, by the five quarter average inventory, excluding inventory not owned and capitalized interest. The Company's calculation of Inventory Turnover may be different than the calculation used by other companies and, therefore, comparability may be affected.

