



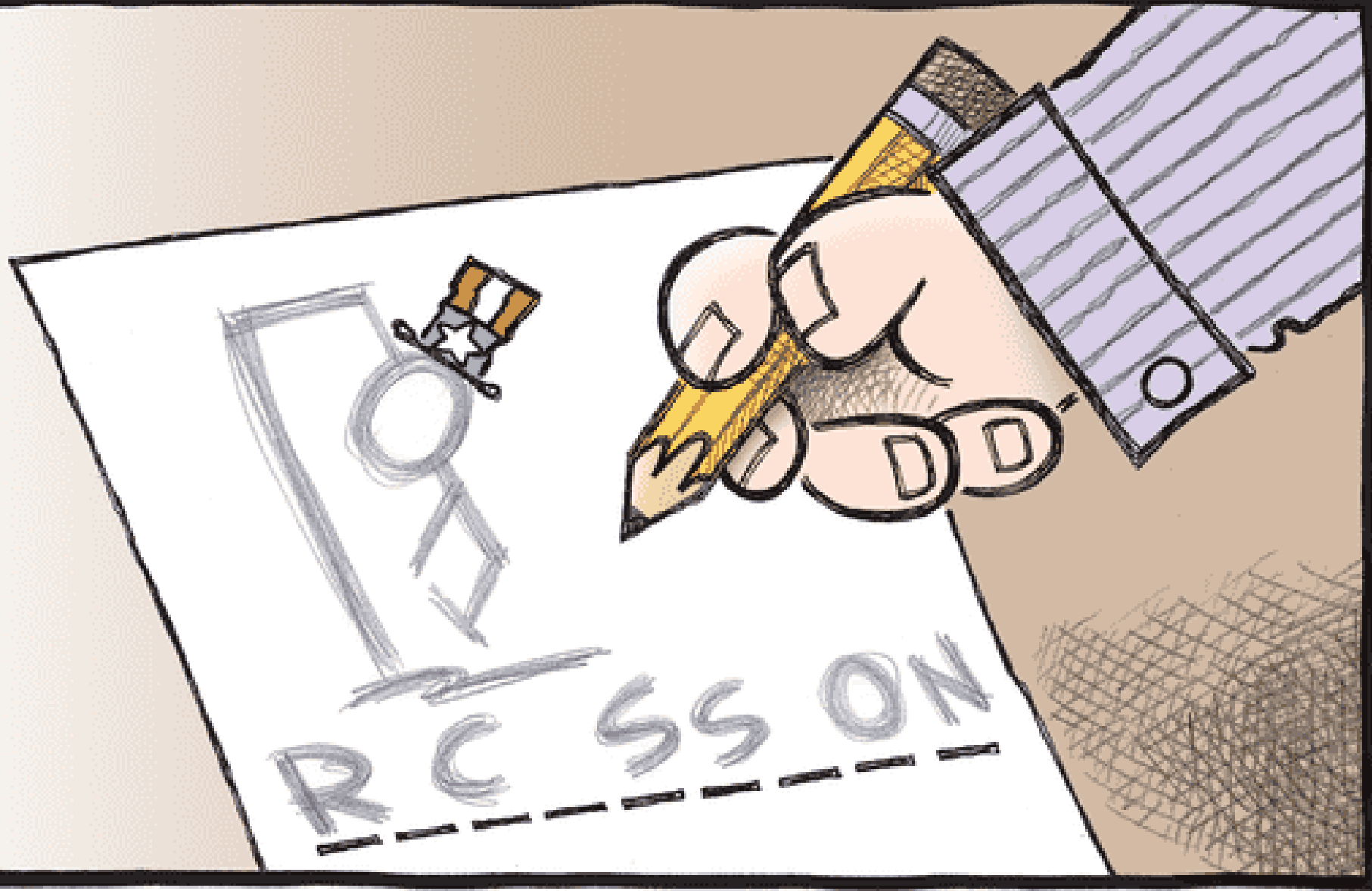
Economic Overview: Fall 2025 Apartment Report Luncheon

Michael Wilkerson, Ph.D.

October 16, 2025

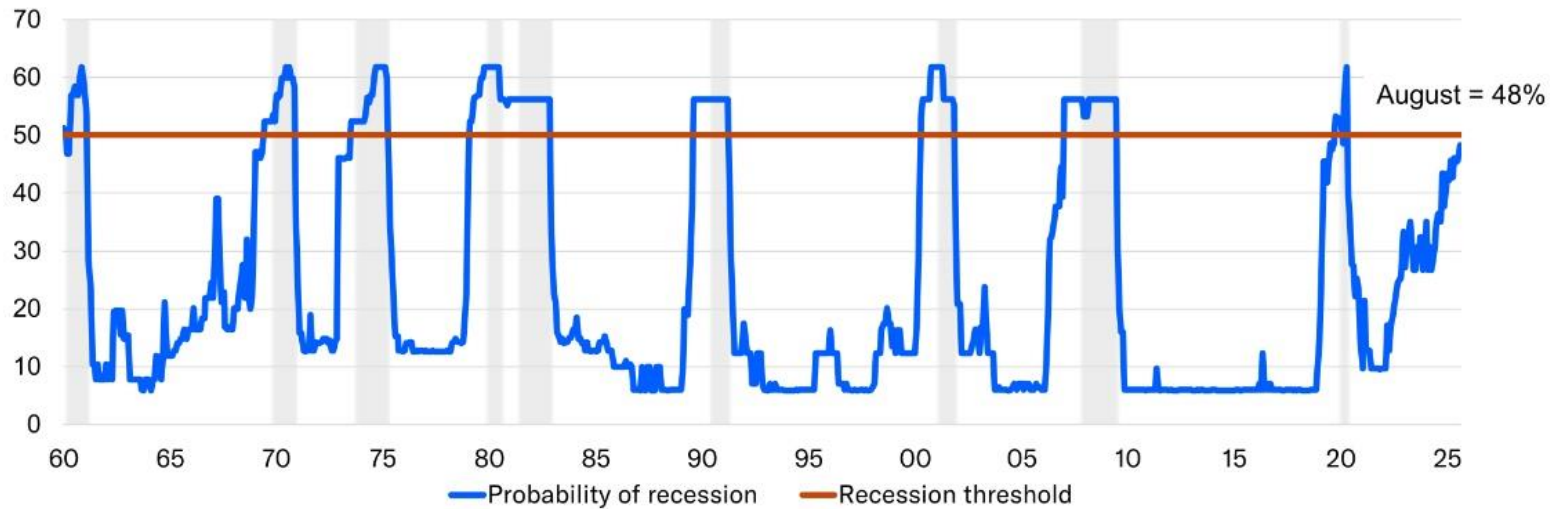


B. Kieh — HEDGEYE



Recession probability of 48%, this level has always predicted a recession

Probability of recession in the next 12 months, %, based on a machine learning model



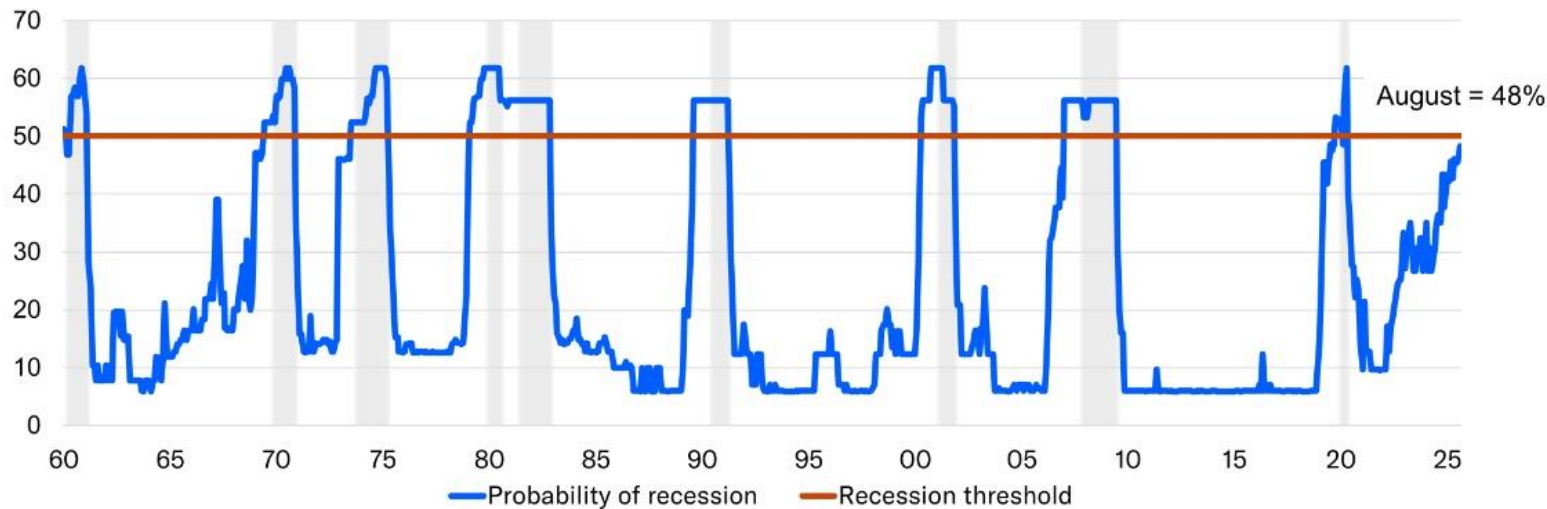
Source: Moody's Analytics

Recession probability of 48%, this level has always predicted a recession

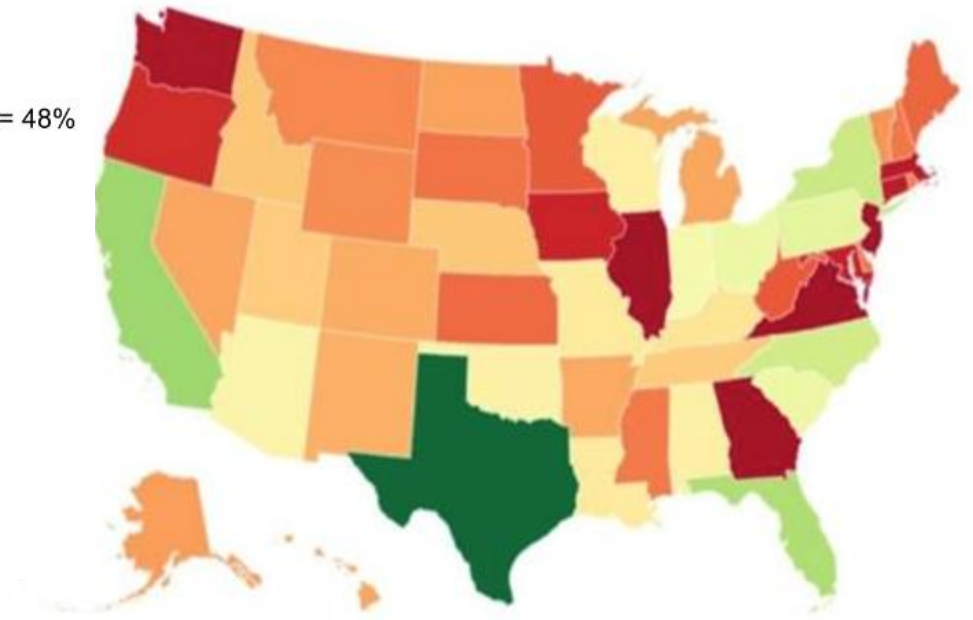
Moody's Analytics' coincident economic indicator for each state, weighted by share of US GDP

Recession  Expansion

Probability of recession in the next 12 months, %, based on a machine learning model



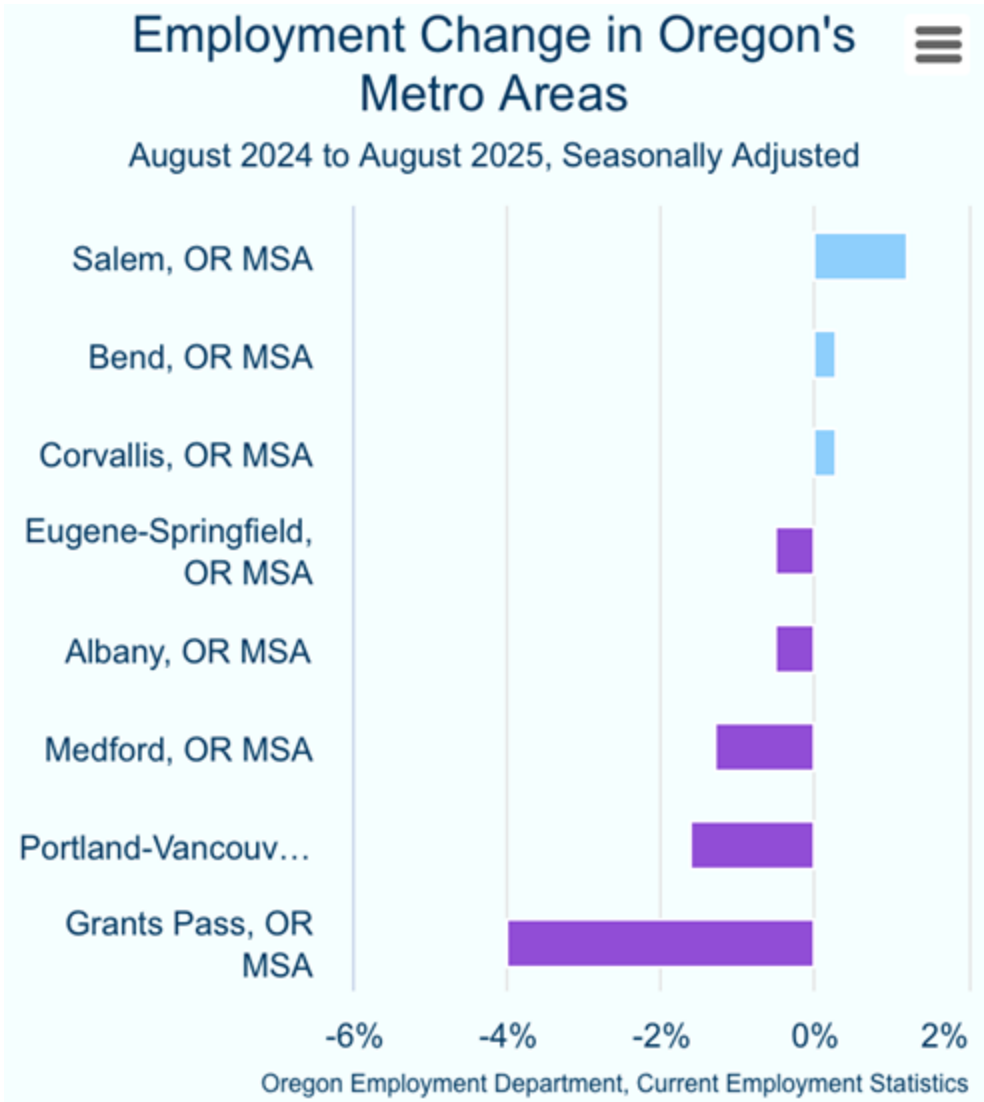
Source: Moody's Analytics



©FT Source: Moody's Analytics



3 county PDX metro lost 16,400 jobs, rest of state lost 1,900 in last year



NEWS

FOR IMMEDIATE RELEASE: October 15, 2025

CONTACT INFORMATION:

[Gail Krumenauer](#), State Employment Economist
(971) 301-3771
[Video](#) and [Audio](#) available at 10 a.m. PT
[David Cooke](#), Economist (971) 375-5288

Federal Government Shutdown Pauses Employment Reports

The U.S. Bureau of Labor Statistics (BLS) suspended the monthly employment and unemployment reports for the nation, states, and metropolitan areas as of Oct. 1, 2025. Oregon's monthly jobs and unemployment rate for September are unavailable at this time.

18,300 jobs lost statewide in past year

Takeaways from the latest state economic forecast



Oregon Economic and Revenue Forecast

September 2025

Volume XLV, No. 3
Release Date: August 27th, 2025

“An ongoing deceleration in the national economy is imposing a dominant set of conditions on the state economic and revenue outlook.

History shows (particularly recent history) that Oregon’s economic fortunes are increasingly bound by prevailing national trends.”

Takeaways from the latest state economic forecast



Oregon Economic and Revenue Forecast

September 2025

Volume XLV, No. 3
Release Date: August 27th, 2025

“A cooler outlook for labor-generated income taxes is offset by firmer expectations related to capital gains.”

Takeaways from the latest state economic forecast



Oregon Economic and Revenue Forecast

September 2025

Volume XLV, No. 3
Release Date: August 27th, 2025

“The unemployment rate has risen by nearly a full percentage point, and perhaps most alarming, recent revisions show sharply deteriorating employment conditions across a broad array of industries.”

Takeaways from the latest state economic forecast



Oregon Economic and Revenue Forecast

September 2025

Volume XLV, No. 3
Release Date: August 27th, 2025

“The broader state economy is likely to avoid recession so long as the national economy holds up, but the state-level employment declines—should they persist through the second half of the year—warrant attention as potential warning flags of sector-specific recessions.”

Takeaways from the latest state economic forecast



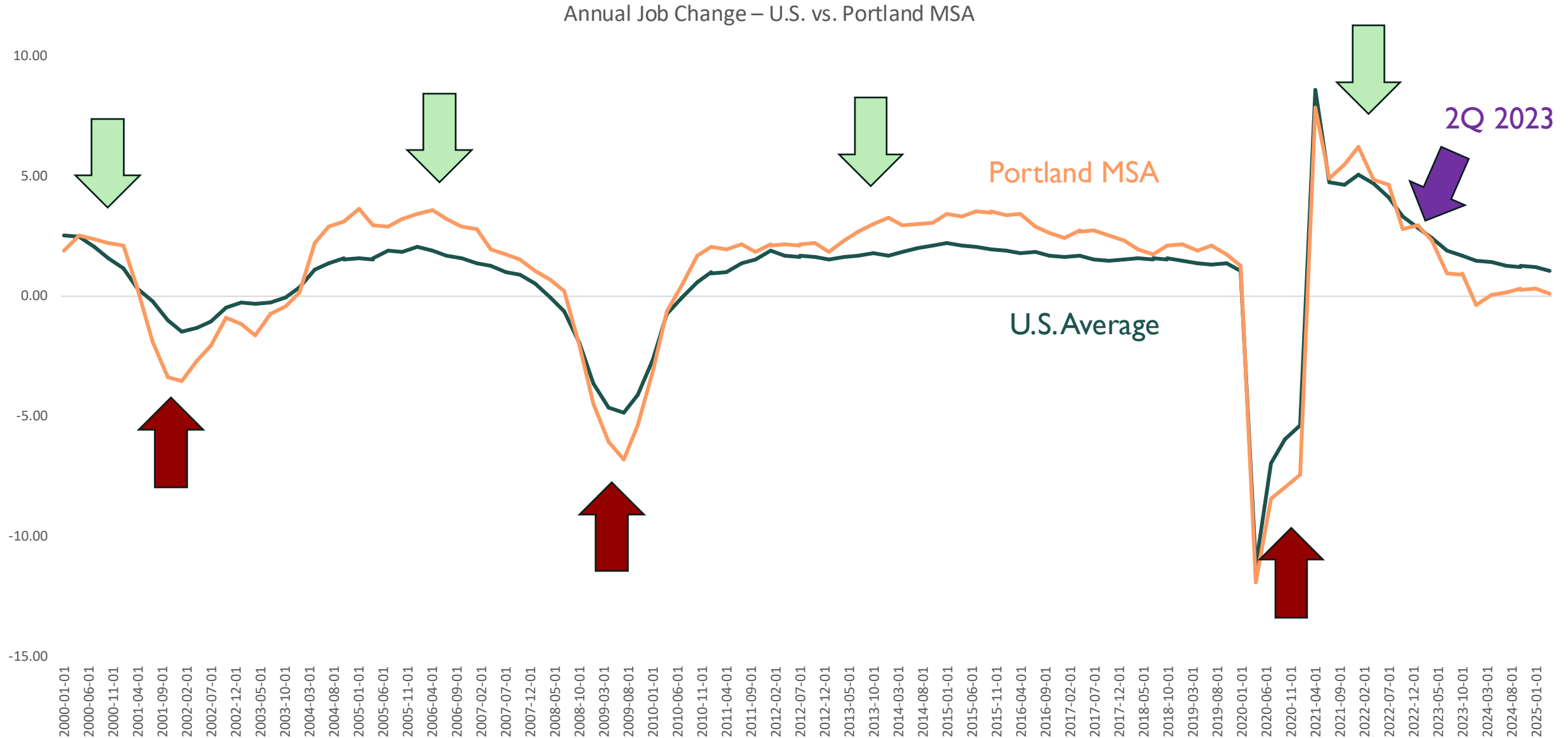
Oregon Economic and Revenue Forecast

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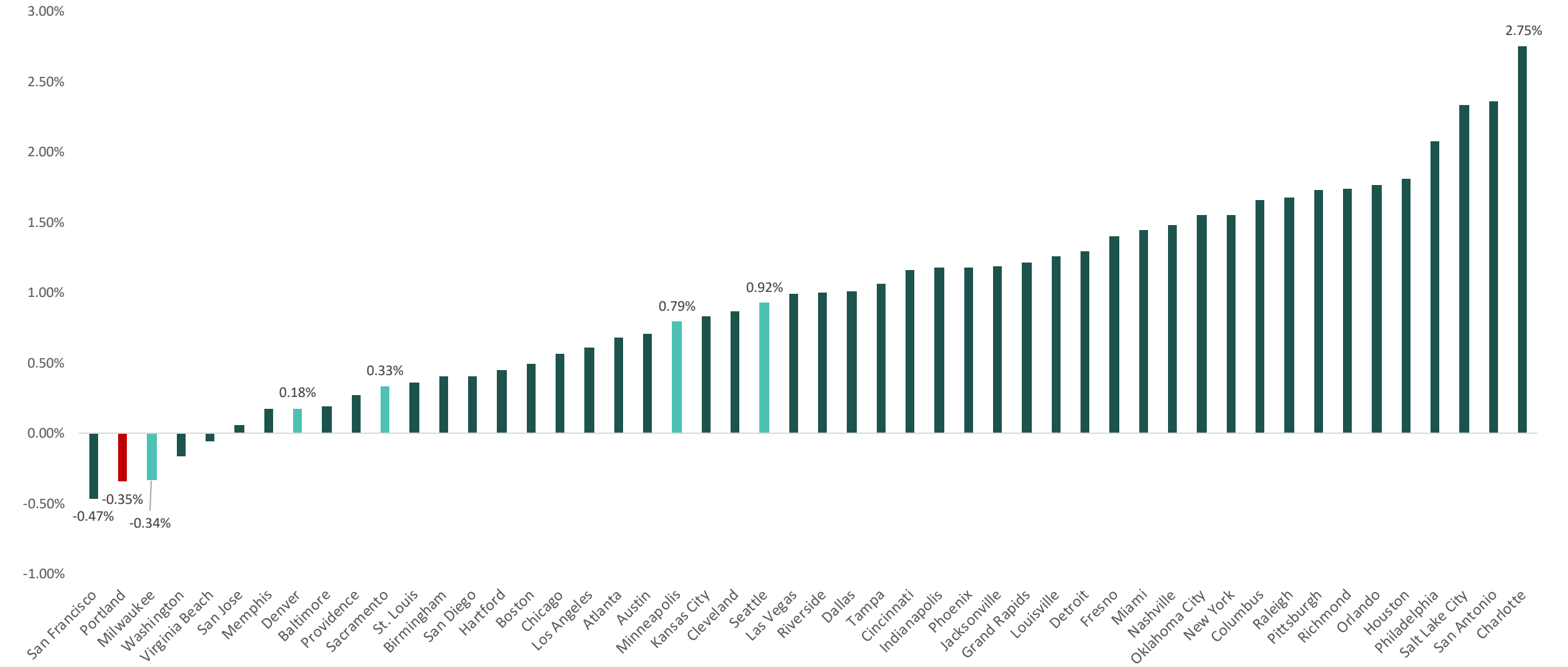
“Population growth for Oregon has been revised lower. The population is expected to grow by an annual average of 0.4% through the forecast horizon (down from 0.5% in previous forecast)”

Portland grows faster and falls harder.... Until the last 9 quarters



Only 5 of the top 50 metros have lost jobs over the past year

Metro Annual Change in Jobs - July 2025



Source: BEA

Job growth almost entirely in private education and health services

Growth rates for all MSAs, by sector

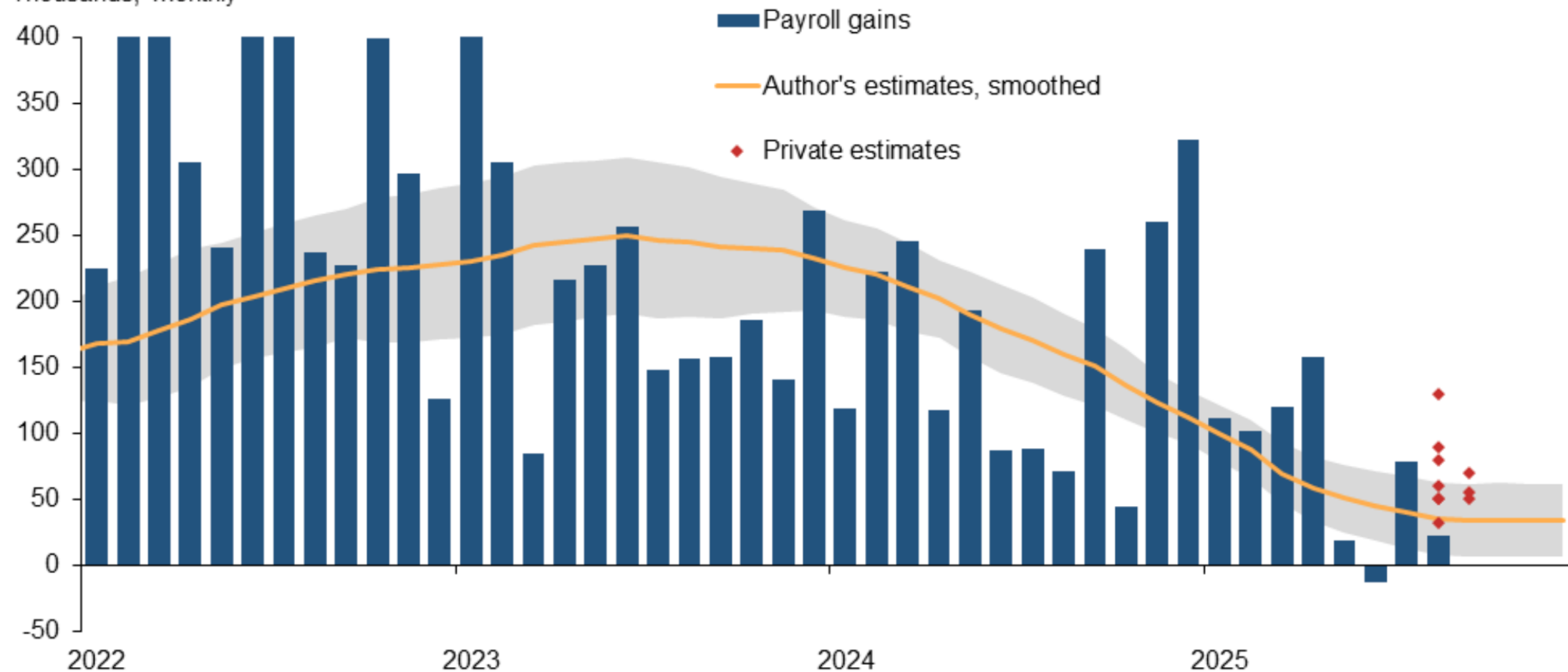
Point-In-Time, July 2024-July 2025, Seasonally unadjusted



Current estimate of national breakeven employment is 30k annually

Breakeven estimate and recent payrolls trend lower

Thousands, monthly



NOTE: Gray area illustrates estimate range.

SOURCES: Bureau of Labor Statistics; author's calculations.

WHAT
HAPPENED
TO THE JOBS
NUMBERS?



~~THE
TRUTH.~~

*Known knows &
Known unknowns*

HEDGEYE

B. K. H.

Known demographic change plus unknown impact to international immigration

The US Population Could Shrink in 2025, For the First Time Ever

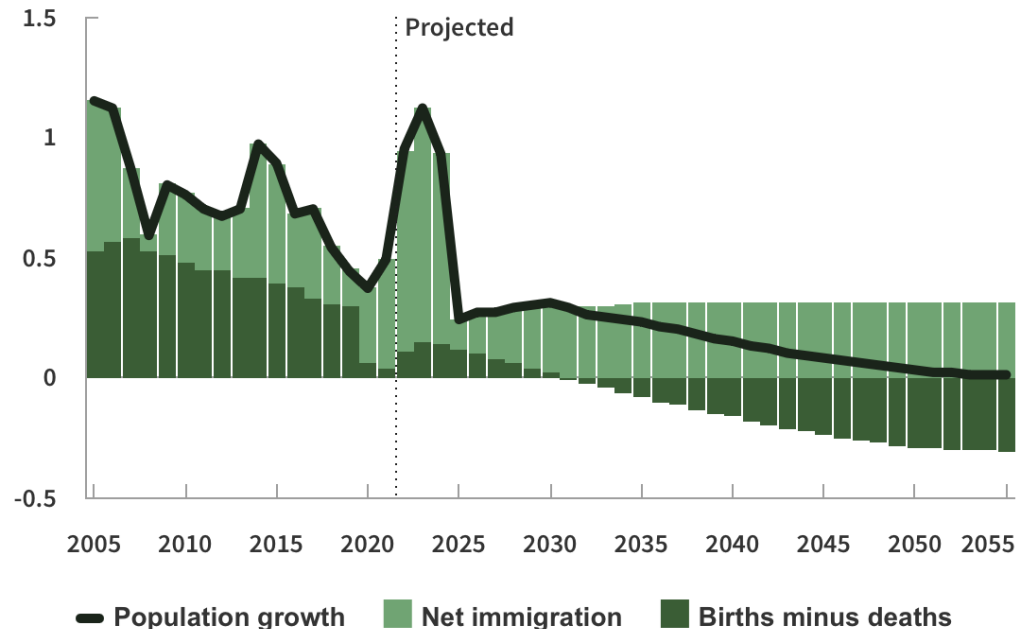
It's a story with massive economic and political significance. But it's receiving strangely little attention.



DEREK THOMPSON
SEP 02, 2025

Population Growth and Contributing Factors

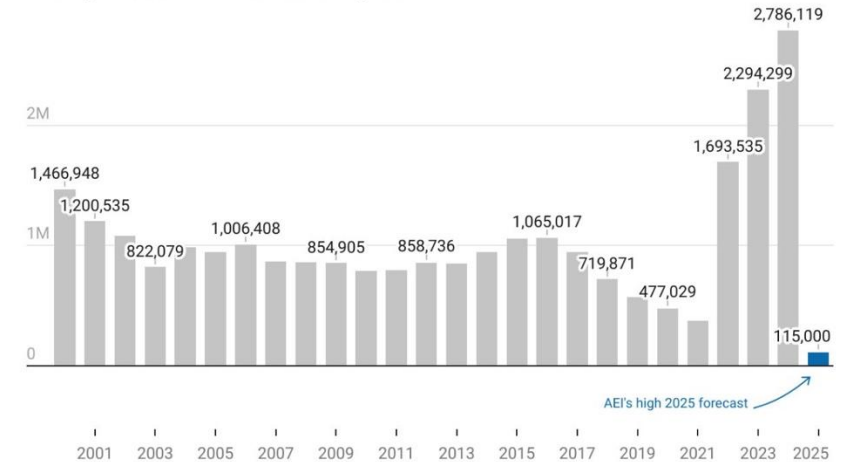
Percent



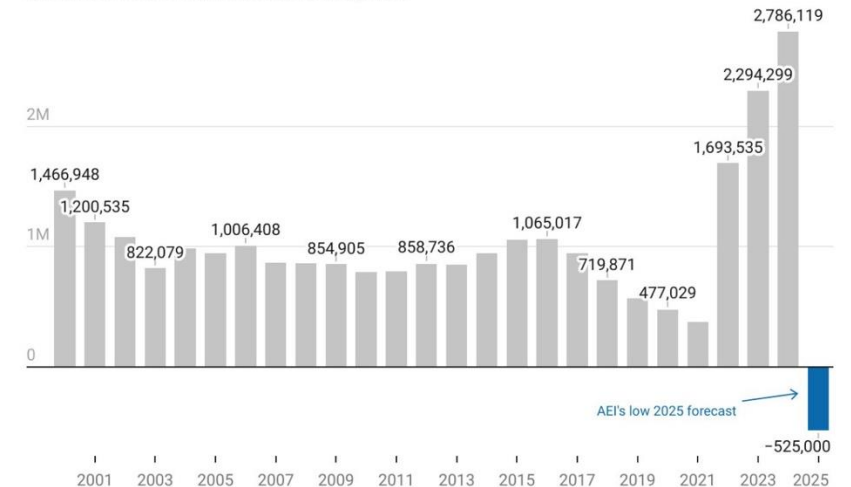
AEI's forecast range for net international migration in 2025

The shifts are from July to July. For example, 2024 = shift between July 2023 and July 2024.

AEI's high forecast for net international migration



AEI's low forecast for net international migration



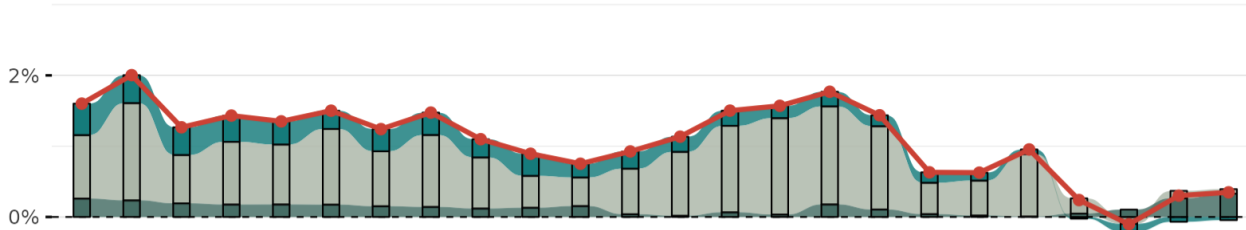
Net international migration is calculated as the difference between the number of people moving into the United States from abroad (in-migration) and the number of people leaving the United States to live in another country (out-migration) over a specific period.

Chart: Lance Lambert • Source: ResiClub analysis of U.S. Census Bureau data • Created with Datawrapper

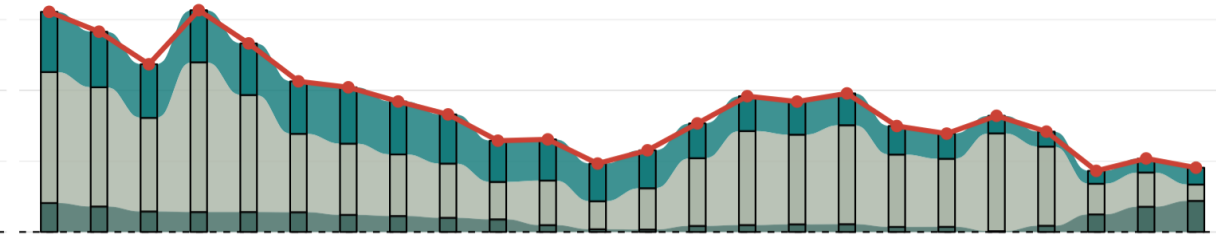


Without international immigration, population is decreasing except in Clark

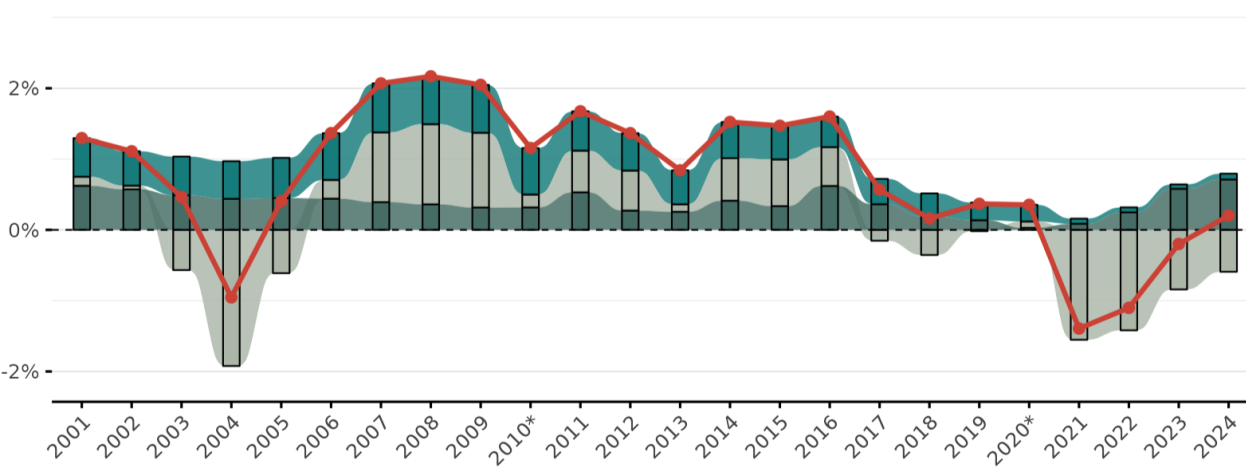
Clackamas



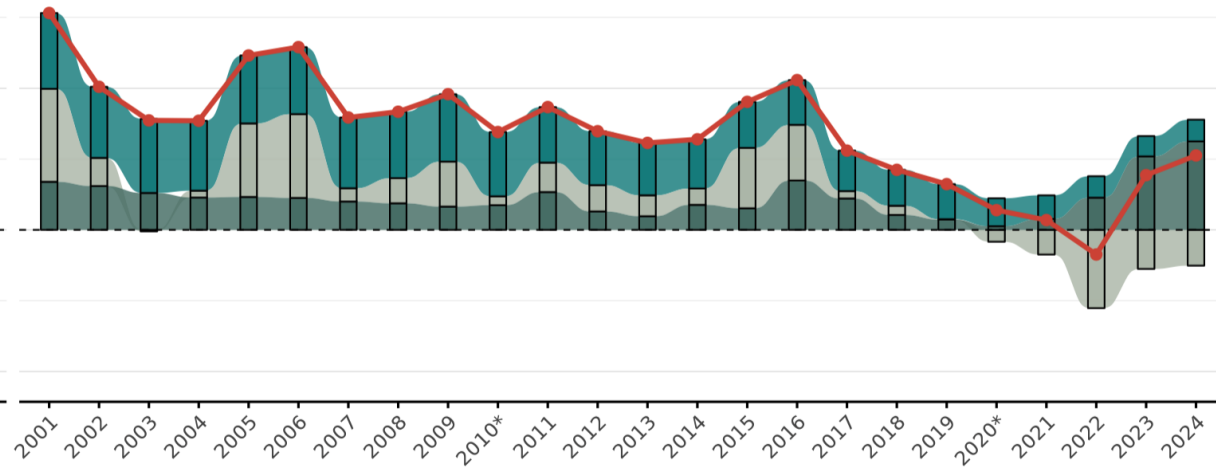
Clark



Multnomah



Washington

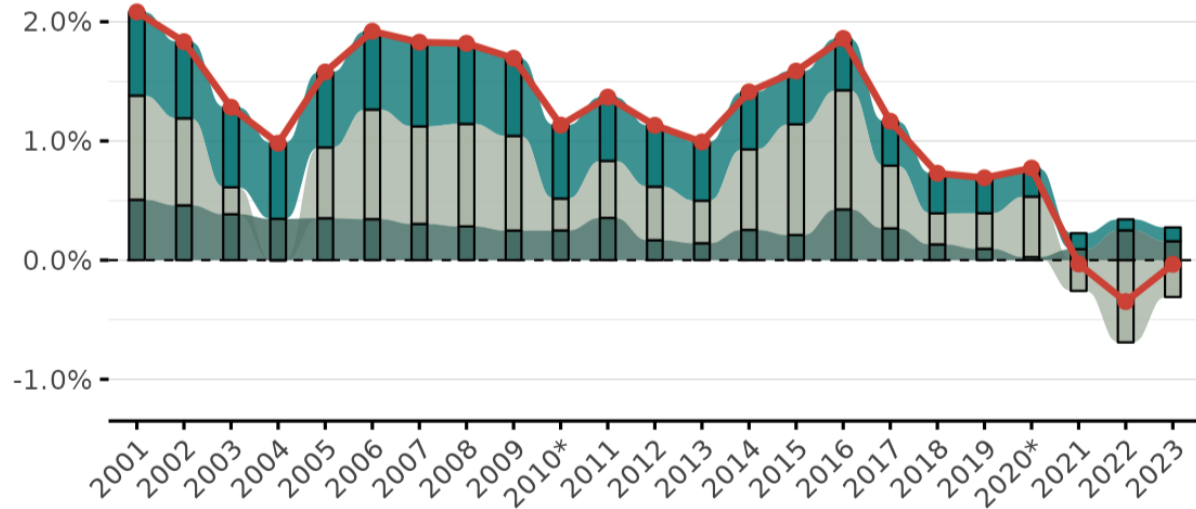


 Total net change  Natural increase  Net domestic migration  Net international migration

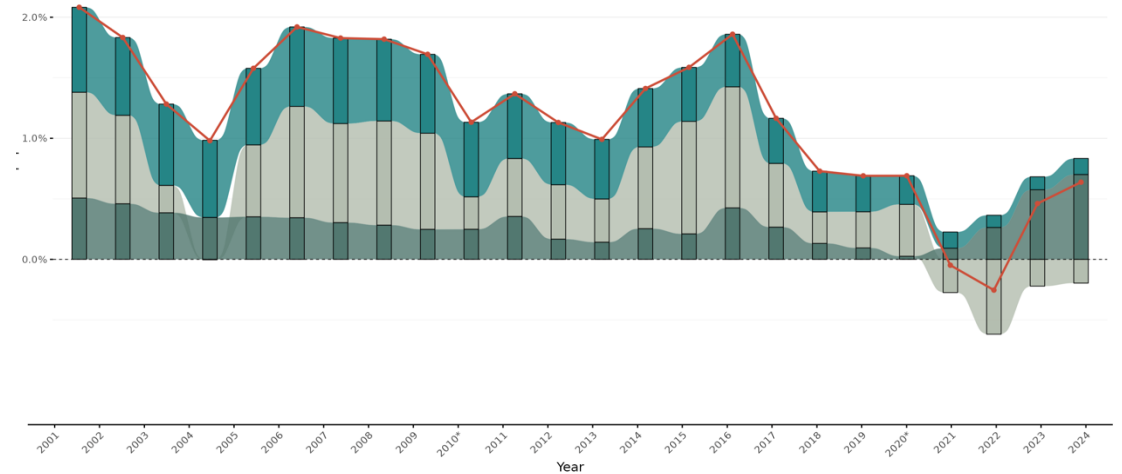
Census changed methodology that more than doubled count of immigrants

Portland Metro

2023 Vintage



2024 Vintage



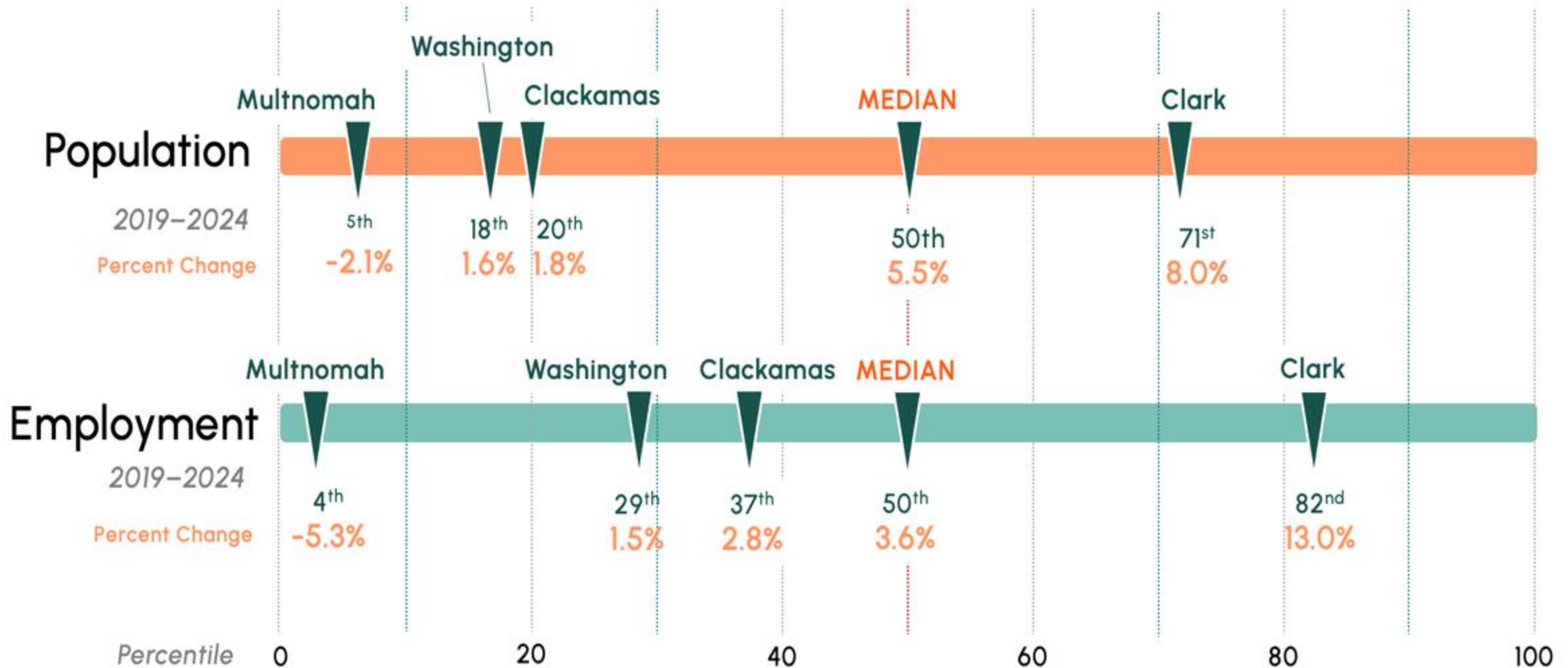
Average annual international immigration from 2001 to 2022 = 6k

Average annual international immigration from 2023 to 2024 = 16k



Disparity within the region is unlike other metro areas

Rank of Portland Metro within all Counties in top 50 Metros (220 Counties)



Population growth is not a sustainable economic development strategy... now what?

IT'S THE ECONOMY

Will Portland Always Be a Retirement Community for the Young?



Share full article



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Illustration by Kelsey Dake

By Claire Cain Miller

Sept. 16, 2014

Population growth is not a sustainable economic development strategy... now what?

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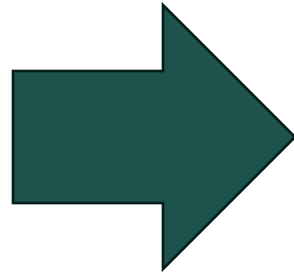


Illustration by Kelsey Dake

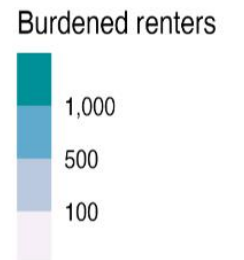
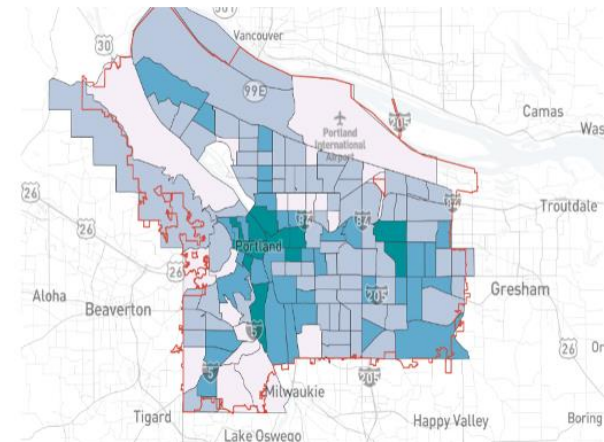
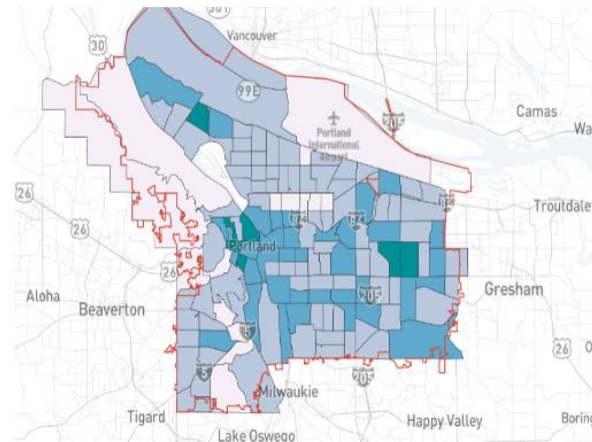
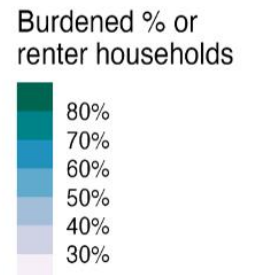
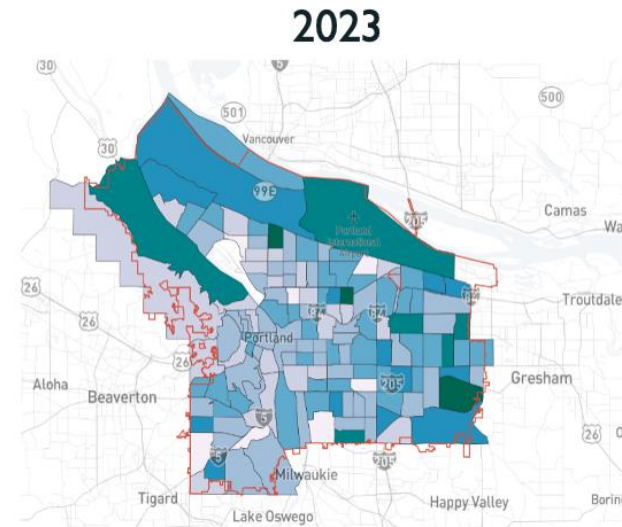
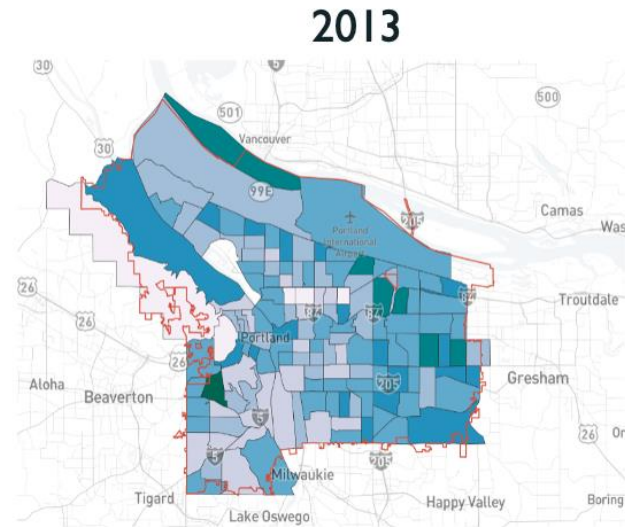
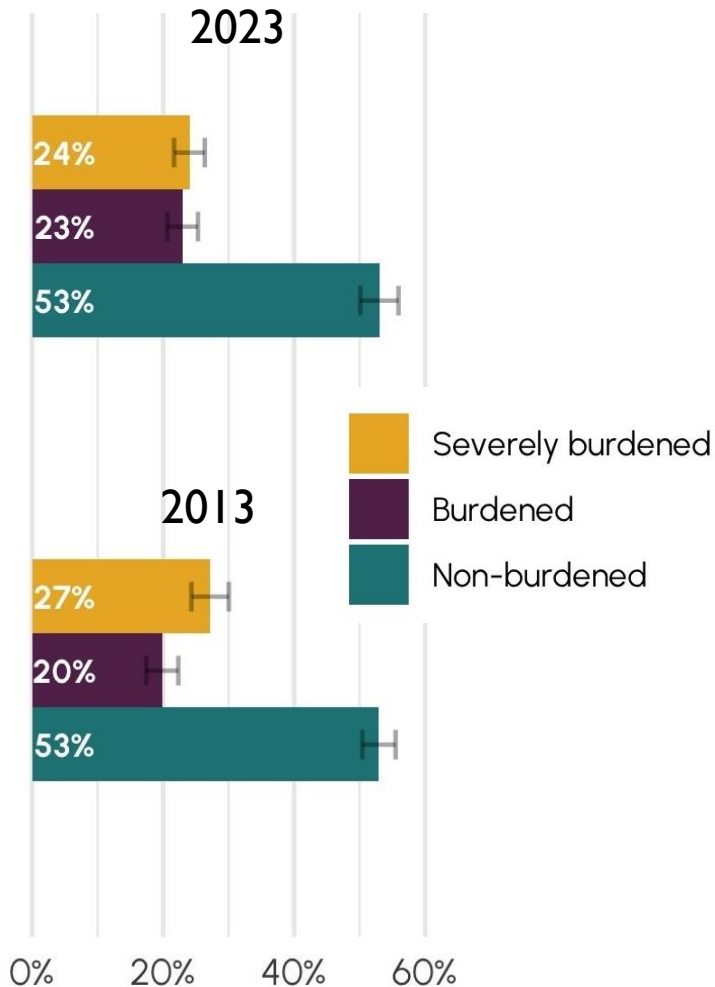
By Claire Cain Miller

Sept. 16, 2014

Current state of the housing market

No change in renter cost burdening rate, but change in location concentration

Renter Household Cost Burdening in the City of Portland



2019 Housing Affordability in Vancouver and Gresham

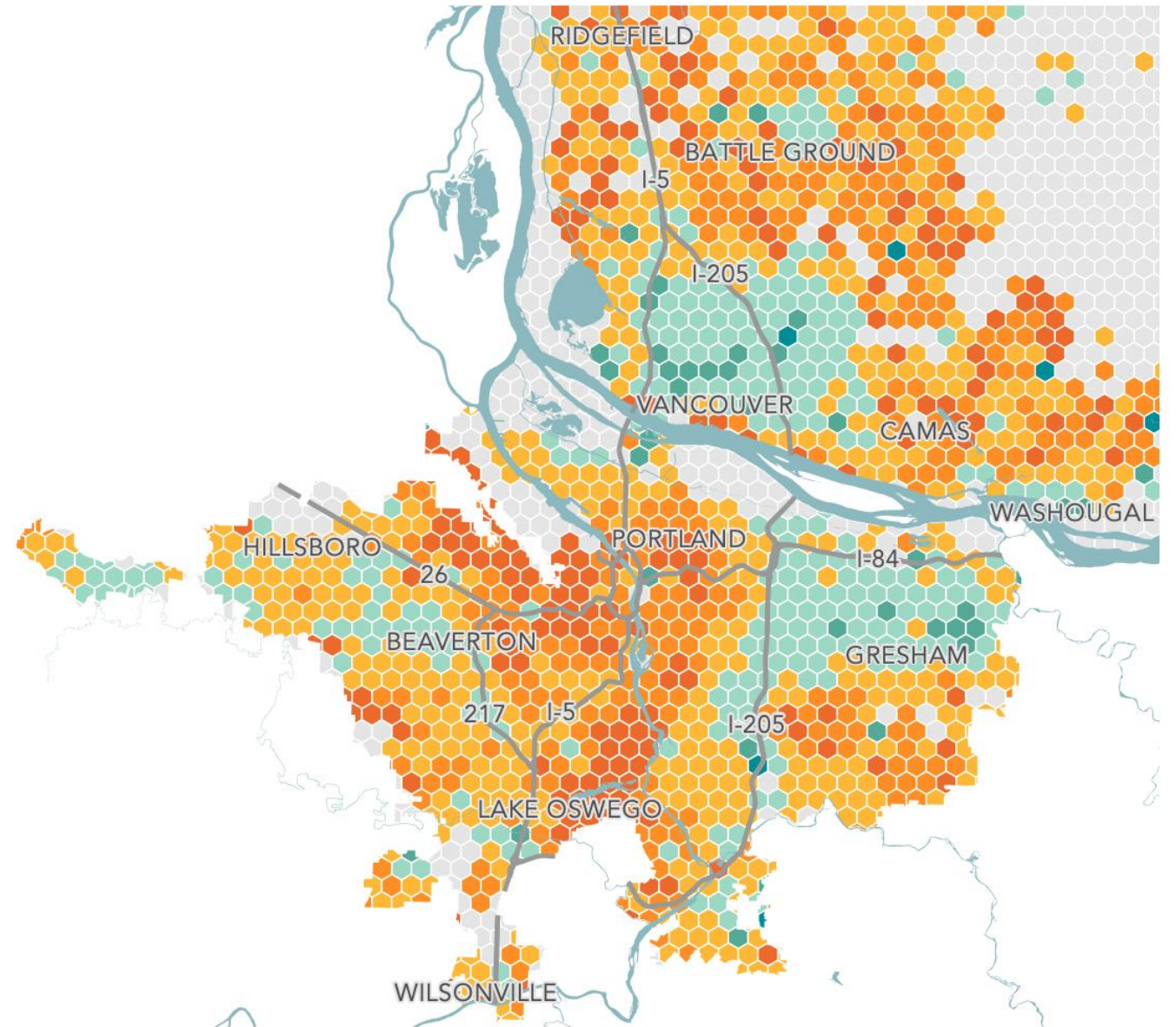
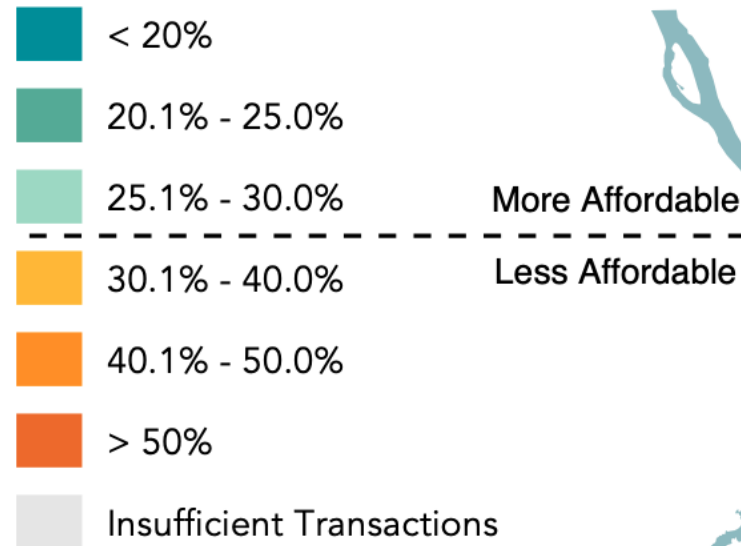
Assuming:

20% down payment

4% mortgage rates

Median Family Income of \$89,700

Percent of Income Spent on Housing



Housing unaffordable to purchase in most of the region

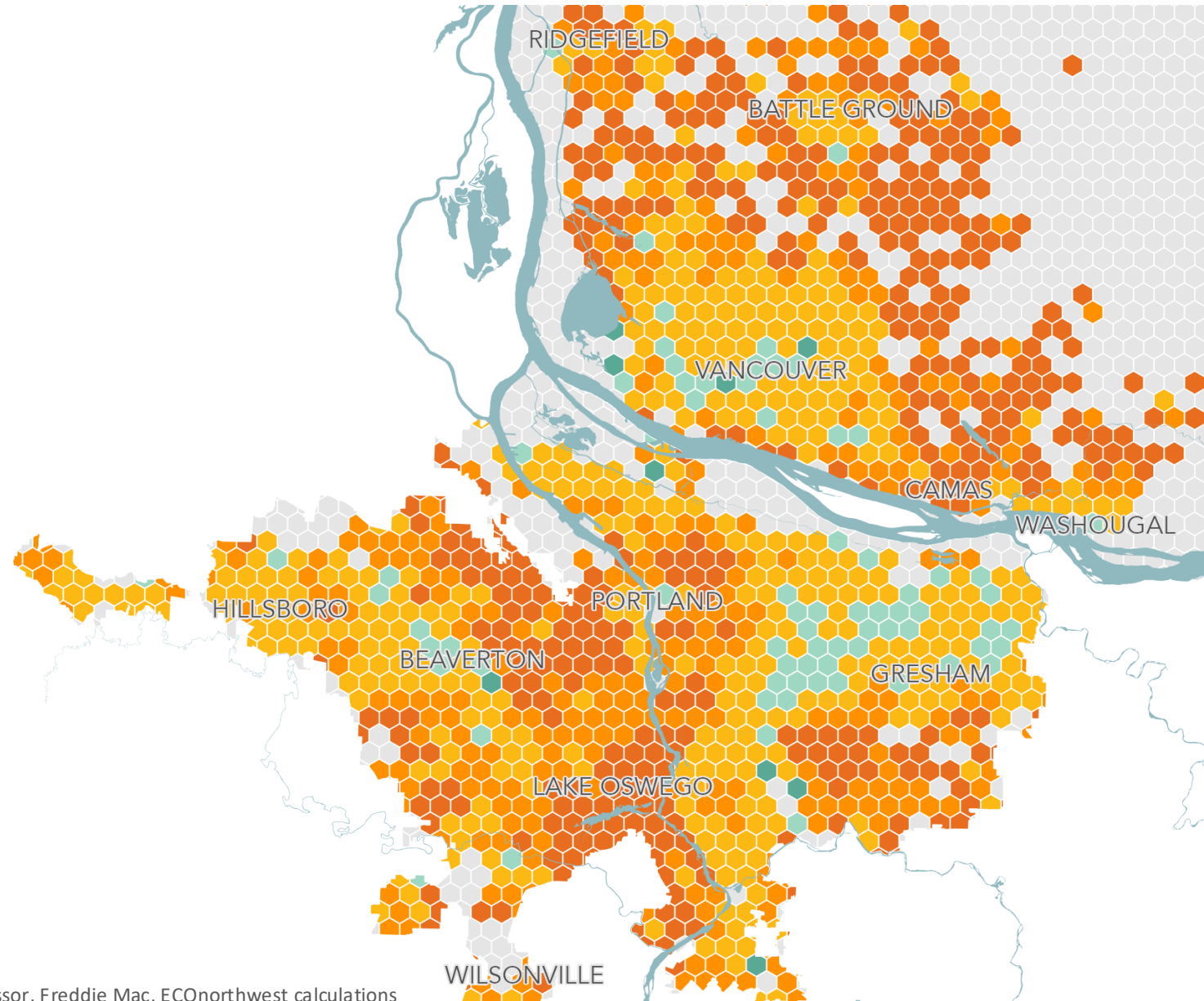
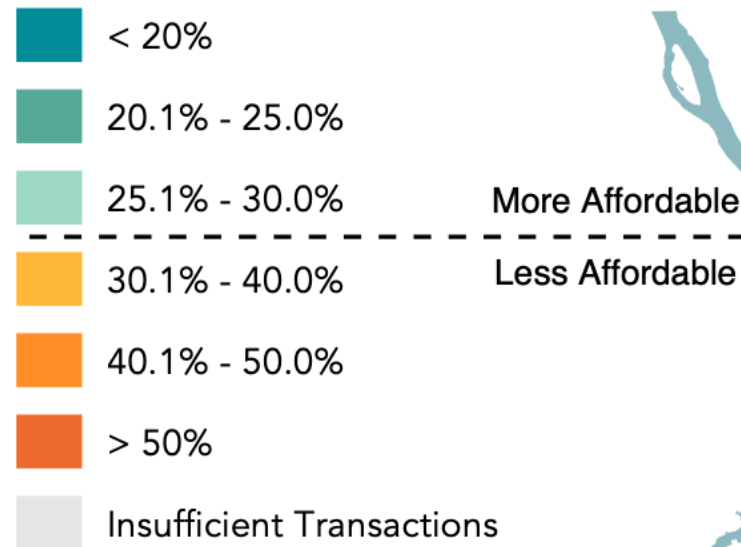
Assuming:

20% down payment

6.5% mortgage rates

Median Family Income of **\$116,900**

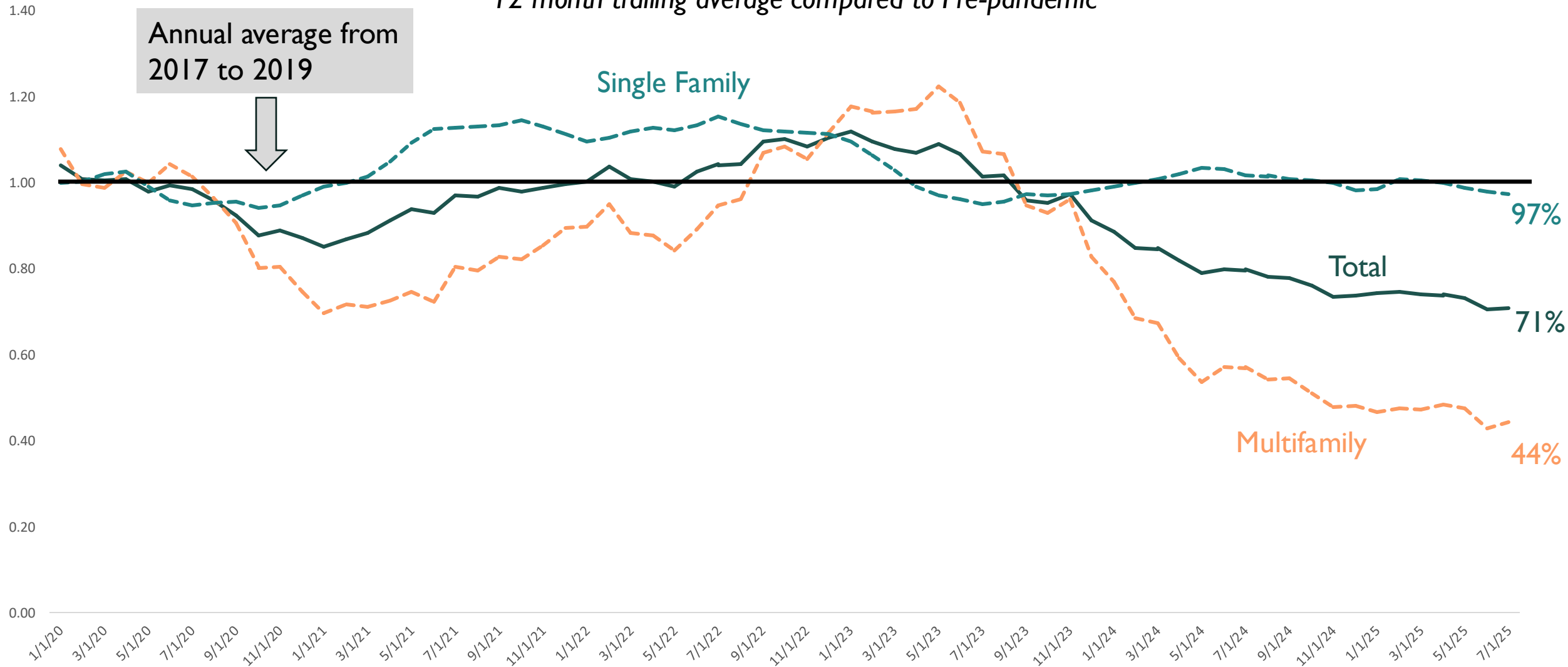
Percent of Income Spent on Housing



Single family permitting statewide unchanged from pre-pandemic

Oregon Statewide Permitting *12 month trailing average compared to Pre-pandemic*

Annual average from
2017 to 2019

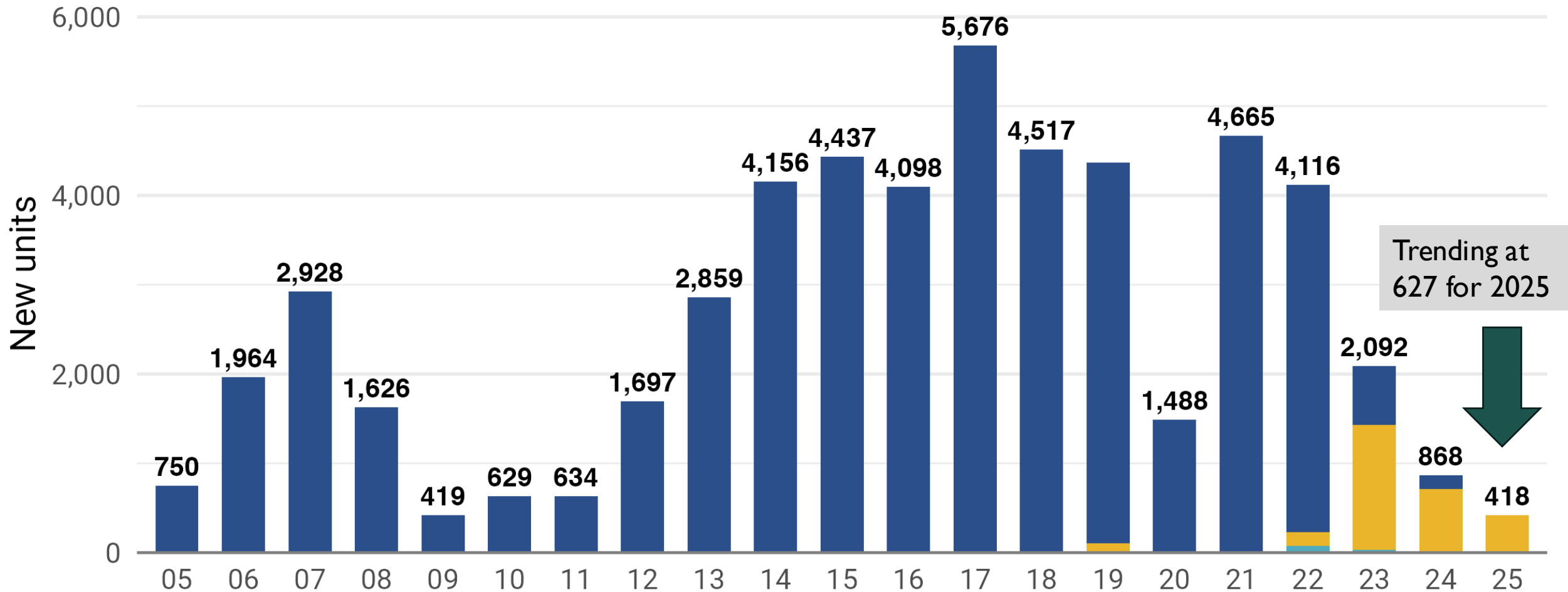


City of Portland trending to lowest apartment permitting since 2009

Multifamily housing permit activity, 2005-2025

New unit issued permit activity only - Through end of August 2025

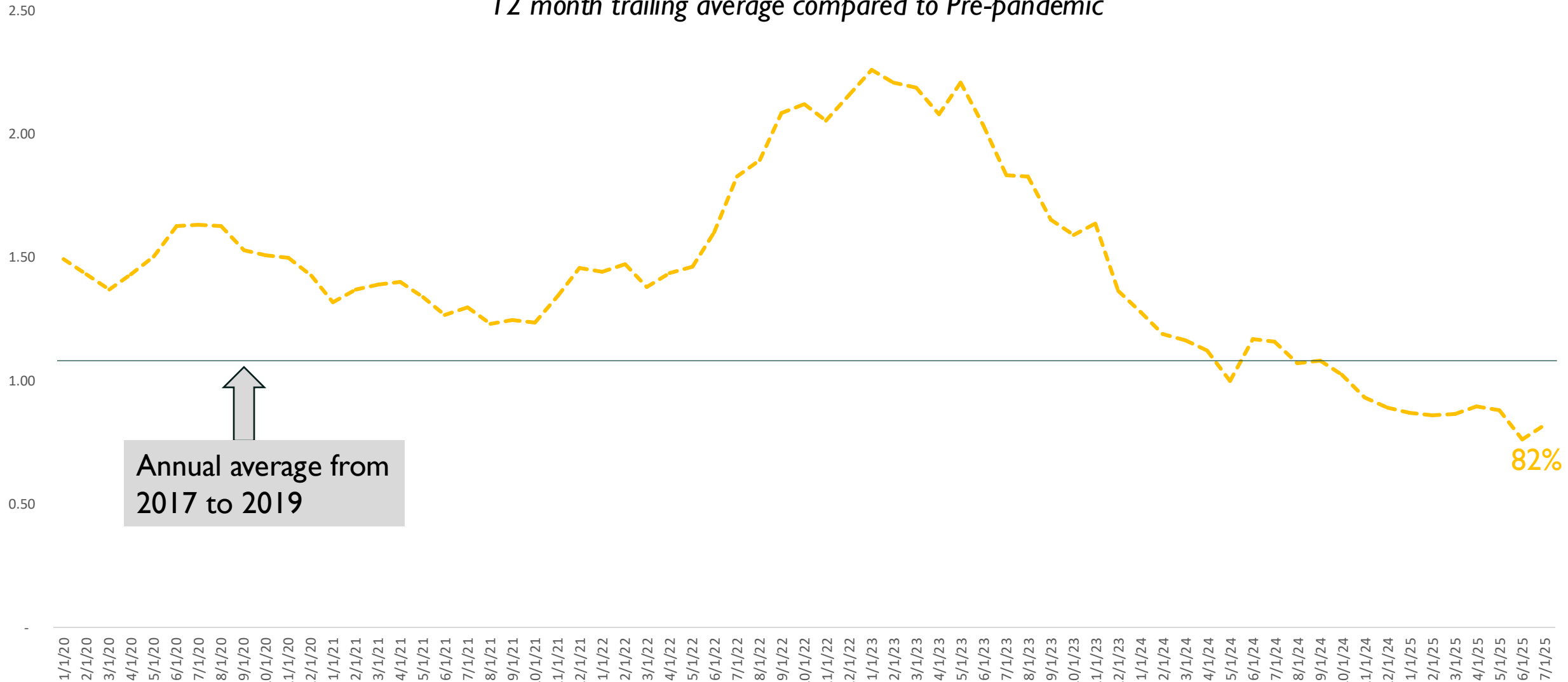
Final Under Inspection



Removing Portland from multifamily trends paints a different picture

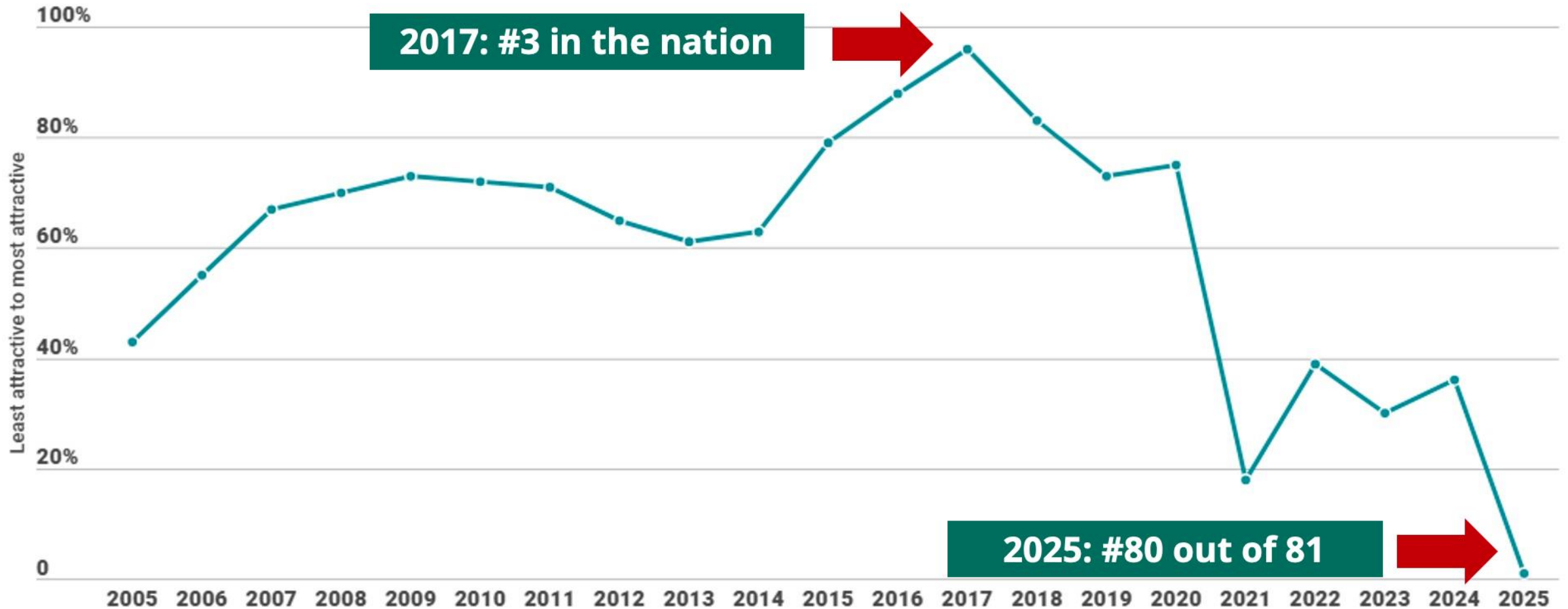
Oregon Statewide (without Portland) Multifamily Permitting

12 month trailing average compared to Pre-pandemic



Many reasons why construction is anemic... This is at the top of the list

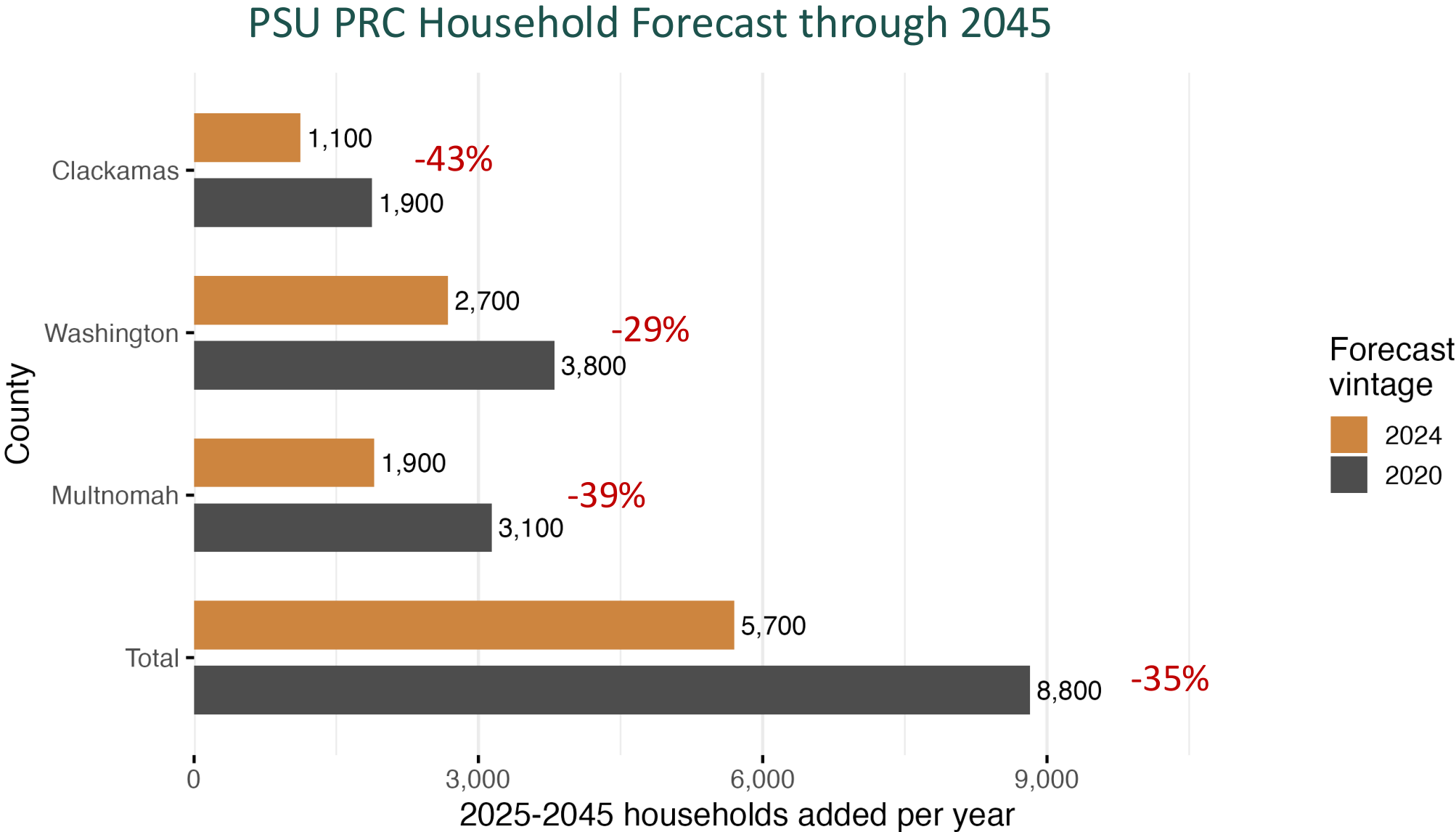
ULI Emerging Trends – Development Opportunity Ranking for Portland



Urban Land Institute (ranking in Emerging Trends in Real Estate), Oregon Office of Economic Analysis.

Takeaways

In last 4 years, PRC has reduced household forecast by 35%



2025-2045 households added per year

Assumes 2.39 regional average household size

There is still a need to produce housing even without any population growth

30k units of underproduction needed as of 2023

2025 People per Household = 2.39  2045 People per Household = 2.25

We will need 6% more housing units to accommodate demographic change over 20 years

Currently about 780k households in the Metro x 6% = 47k units over 20 years

Demographic change requires building 2,300 units annually (plus solving underproduction)

Wilkerson@econw.com



Los Angeles



Portland



Seattle



Boise