

Prospects for Growth and Change: U.S. Metro Area Forecast 2022-2032

For REMI User's Conference 2022

Frederick Treyz, Ph.D.
CEO, Chief Economist

Agenda



National Economic Context

Regional Demographics and Economics

Economic Modeling as a Framework

Policy Challenges

*what does **REMI** say?sm*

REMI is a *Top-Down/Bottom-Up* Methodology

BLS: I-O Tables projected 2031, Employment by Industry Projection 2031, Labor Force Participation Rates 2031

Census: Fertility rates, survival rates, international migration

RSQE: short-term (GDP, Personal Income, Employment) and long-term forecast (Congressional Budget Office (CBO) and Energy Information Administration (EIA))

Table 1: US Economic Forecast Summary 2022-32

Category	Units	2022	2032	2022-2032 % Change
Total Employment	Thousands (Jobs)	205,289	212,296	3%
Population	Thousands	332,960	350,338	5%
Labor Force	Thousands	164,280	174,421	6%
Gross Domestic Product	Billions of Fixed (2012) Dollars	\$25,110	\$29,553	18%

Table 2: US Employment Forecast by Industry 2022-32

Industry	2022*	2032*	2022-2032 Change (Difference in Employment)*	2022-2032 Change (%)
All Industries	205,289	212,296	7,007	3.4%
Forestry, fishing, and hunting	1,024	1,073	49	4.8%
Mining	966	998	31	3.3%
Utilities	605	545	-61	-10.0%
Construction	10,951	11,353	401	3.7%
Manufacturing	14,514	14,637	123	0.8%
Wholesale trade	6,624	6,442	-182	-2.7%
Retail trade	18,968	17,114	-1,853	-9.8%
Transportation and warehousing	10,066	10,551	485	4.8%
Information	3,495	3,404	-91	-2.6%
Finance and insurance	10,985	10,779	-206	-1.9%
Real estate and rental and leasing	9,418	9,689	271	2.9%
Professional, scientific, and technical services	15,569	16,859	1,290	8.3%
Management of companies and enterprises	2,917	2,825	-92	-3.2%
Administrative, support, waste management, and remediation services	12,682	13,403	721	5.7%
Educational services; private	4,911	5,299	388	7.9%
Health care and social assistance	23,731	26,124	2,393	10.1%
Arts, entertainment, and recreation	4,340	5,261	921	21.2%
Accommodation and food services	14,533	15,380	847	5.8%
Other services (except public administration)	11,445	12,185	740	6.5%
State and Local Government	19,799	20,619	820	4.1%
Federal Civilian	3,073	3,133	60	2.0%
Federal Military	1,854	1,874	20	1.1%
Farm	2,820	2,750	-70	-2.5%

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Regional Demographics and Economics



Demographics: age structure; amenities/quality of life; international migration; cost of living

Employment/GDP: industry mix; growing, productive industries; strong industry clusters

Demographics: labor supply; Interacts with Employment: Labor Demand

Figure 1: Metropolitan Population Forecast (2022-2032 % Change)

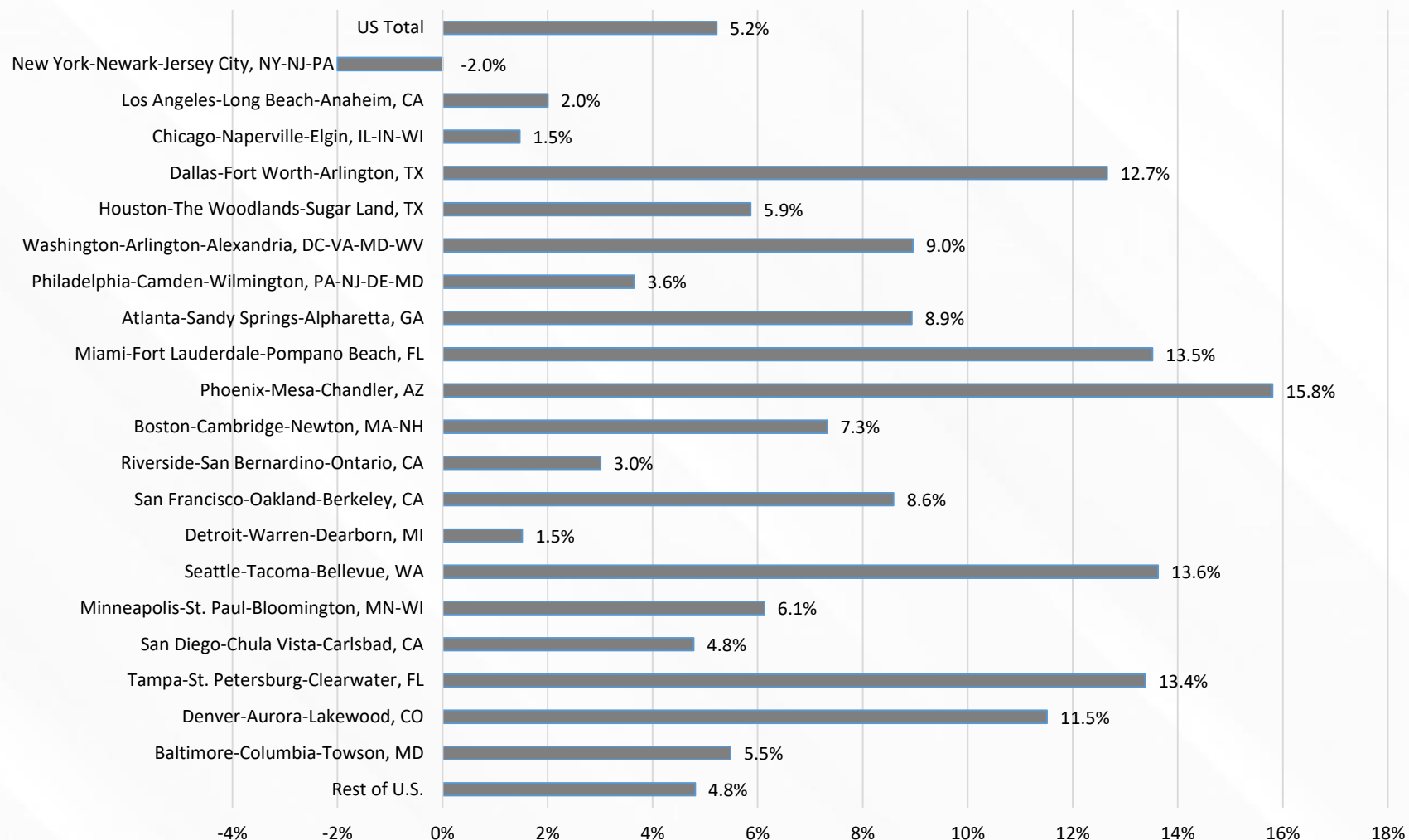


Figure 2: Metropolitan Employment Forecast (2022-2032 % Change)

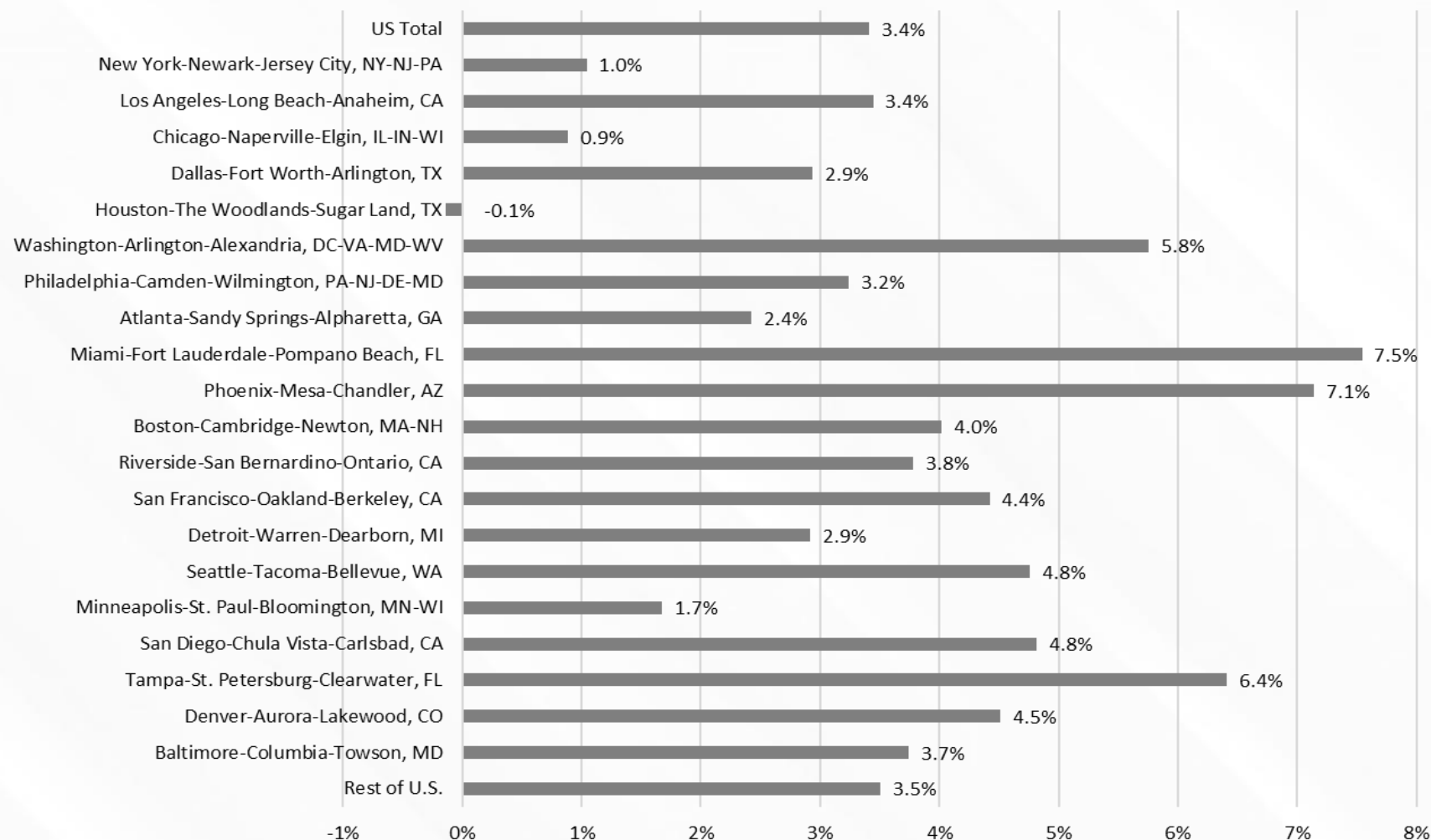


Figure 3: Metropolitan Real Disposable Income per Capita Forecast (2022-2032 % Change)

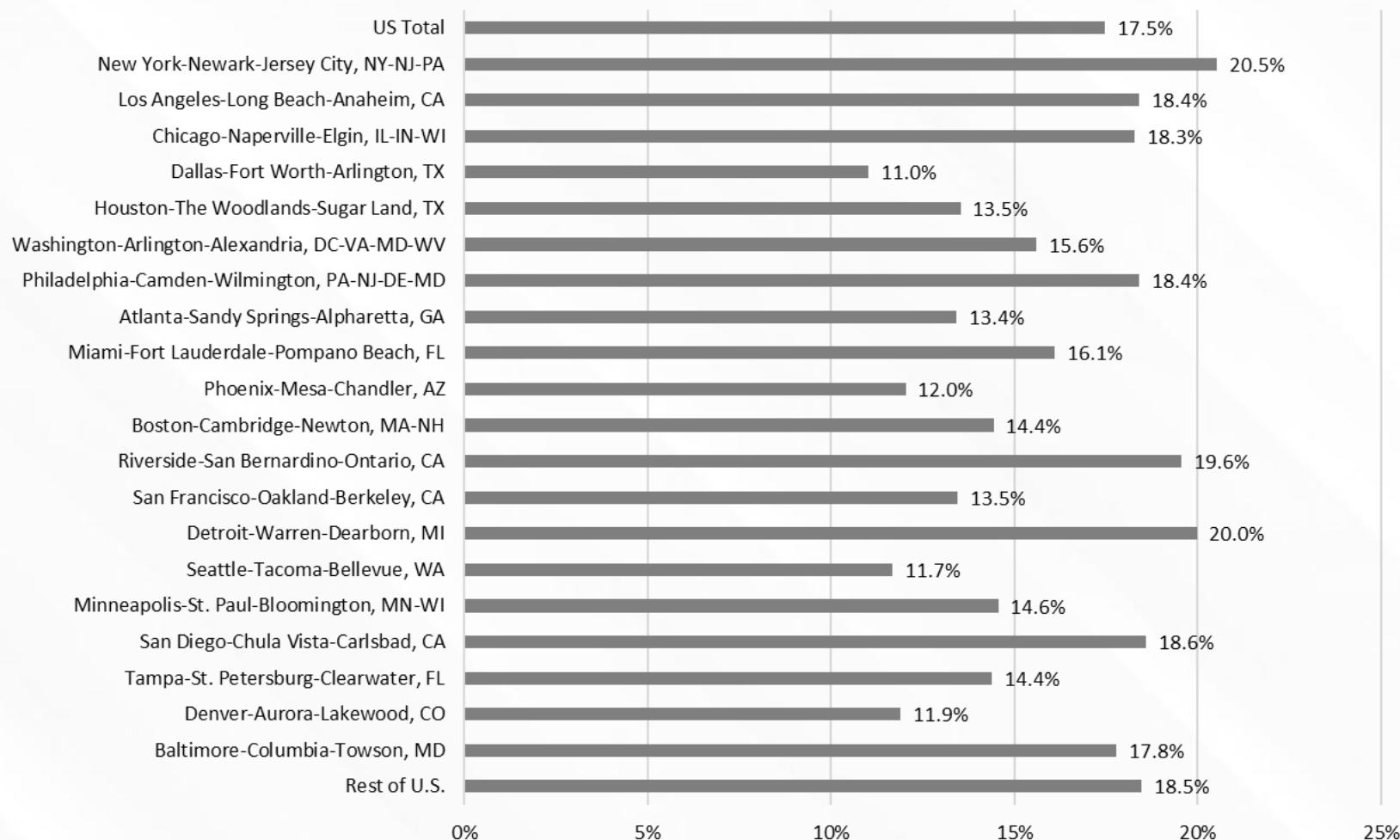


Figure 4: Metropolitan Growth Matrix: GDP vs. Population Growth (2022-2023)

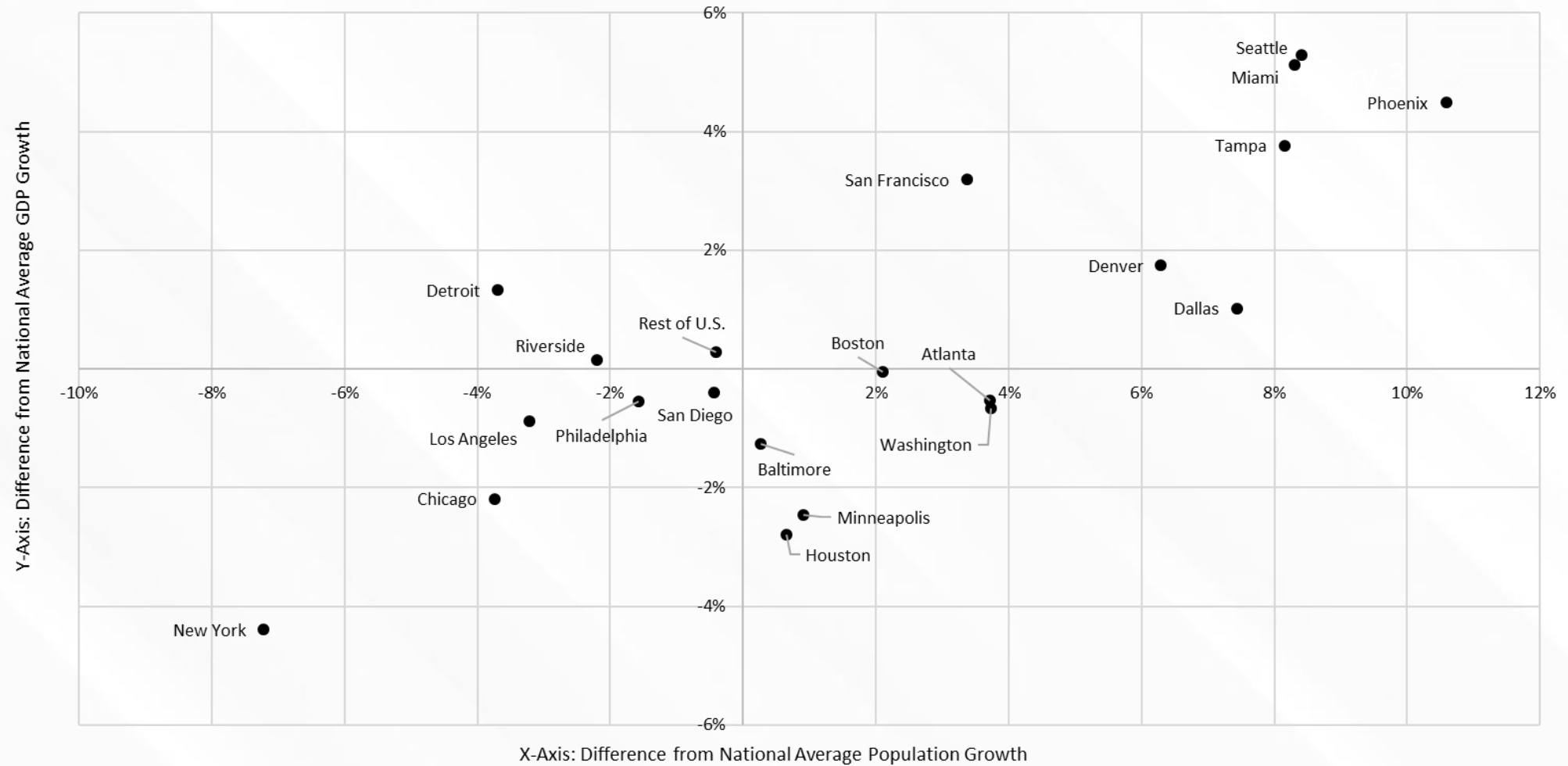
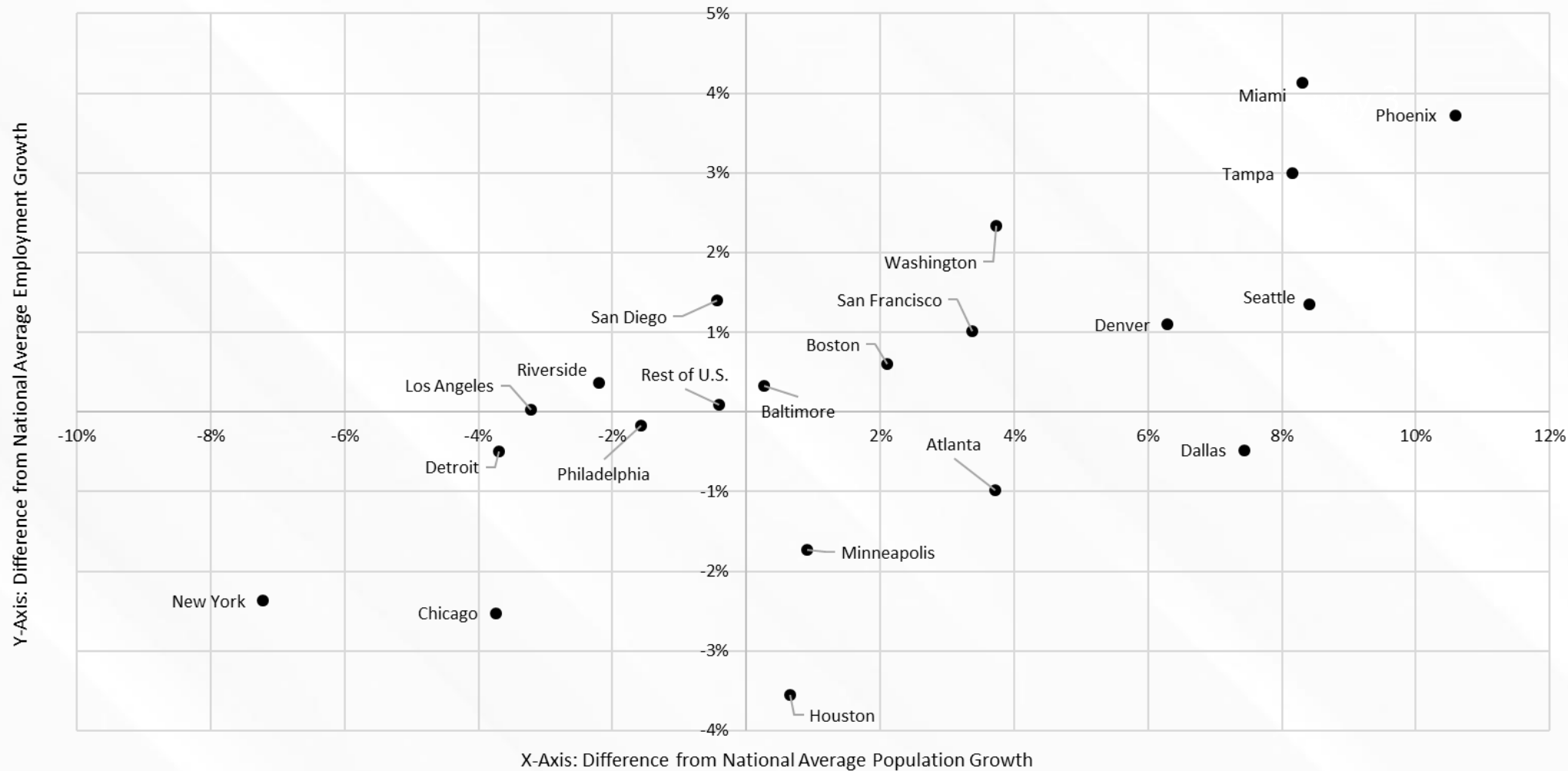


Figure 5: Metropolitan Growth Matrix: Employment vs. Population Growth (2022-2023)



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National Forecast Assumptions

Productivity: double-edged sword, national growth and industry-specific

Demographics: Immigration and birth rates

Regional

- Housing Price and Land-Use Constraint Assumptions

- Amenities and Quality of Life

- Urban Hierarchy

- Future of Work

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Political Economic Context

Aging and slowing population growth

U.S. debt at 120% of GDP; hard to sustain (if $r > g$)

Zero Sum Game and Populism

Potential Trade-Off: growth and resiliency; growth and distribution

Government spending 36% of GDP

Economic growth 1.8% depends on public sector and private sector

Good economic decisions and policy analysis is essential to meet present and future challenges

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Thank you for attending!

For more information, please contact
info@remi.com