



PWBM Economic Outlook

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<https://budgetmodel.wharton.upenn.edu/estimates/2021/5/5/pwbm-economic-outlook>

Summary: The PWBM Economic Outlook projects that the pace of economic growth this year remains closely tied to the spread of the virus, evolution of variants, and distribution of vaccines, as reflected in our estimates for the year 2021 and part of 2022. Over time, we project that economic growth will stabilize to its pre-pandemic level with demographic changes playing a larger role.

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[Table 1. Economic Outlook](#)



Table 1. Economic Outlook

Year-over-year percent change unless otherwise indicated

	2021	2022	2023	2024	2025	2030	2040	2050
Gross Domestic Product								
Real	6.1%	3.0%	1.0%	1.4%	1.7%	2.1%	2.1%	1.6%
Nominal	8.4%	5.2%	3.2%	3.6%	3.8%	4.3%	4.2%	3.8%
<i>Contribution from</i>								
Capital Services			0.8%	1.5%	2.1%	2.5%	2.4%	1.7%
Labor			0.0%	0.3%	0.3%	0.8%	0.8%	0.5%
Total Factor Productivity			0.7%	0.7%	0.7%	0.7%	0.7%	0.7%
Debt-to-GDP Ratio	99%	107%	108%	109%	110%	117%	150%	196%
Indices								
GDP Price Index	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%
Employment Cost Index	2.9%	3.0%	3.2%	3.4%	3.4%	3.5%	3.5%	3.4%