



Accounting for potential output

- Potential output: What output would be at "full employment"
 Depends on full-employment labor as well as potential labor productivity (output per hour)
- Paper discusses full-employment labor. The apparent pandemic shortfall in labor supply is an adverse level effect on potential output
- Rest of this talk focuses on understanding the labor productivity side
 - -In the short run, a particular challenge is that productivity is affected by the business cycle
 - In the longer run, labor productivity driven mainly by innovation as well as the education/experience of workers

Longer-run growth of GDP: A pre-pandemic perspective













Longer-run growth prospects





Extra slides



$\Delta \ln y - \Delta \ln h = \sum_i w_i (\Delta \ln y_i - \Delta \ln h_i) + \sum_i (w_i - s_i) \Delta \ln h_i$, where $\Delta \ln y$ is output growth, $\Delta \ln h$ is nours growth, and <i>i</i> indexes industries. w_i is nominal industry GDP share and s_i is hours share. Decomposition of labor productivity growth for nonfarm private industries					
1.2006 - 2019	1.74	0.88	0.86	0.98	-0.13
2. 2020 – 2022	1.27	0.18	1.10	0.91	0.18
3. 2020	-2.61	-5.13	2.52	1.33	1.19
4. 2021 – 2022	4.38	4.43	-0.04	0.58	-0.63

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Notes: Units are percent changes, or percentage point contributions, at annual rates using quarterly data over the periods shown. Col. 4 (within) is contribution of $\sum_i w_i (\Delta \ln y_i - \Delta \ln h_i)$. Col. 5 (reallocation) is $\sum_i (w_i - s_i) \Delta \ln h_i$

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