Keal

For 2019 real GDP we use prices paid in base year

2019 Real GDP use
quantities purchased in
2019 but uses prices paid in
the base year

Since prices are fixed at base year prices, we know changes in Real GDP are due to a change in quantities not prices

= \$11,000B

2019 Dase year) apples X papples

base year \ -computers X computers

2019 Naircuts X Phaircuts Phaircuts

$+(O_{cars}^{2019}, P_{cars}^{base year})$

base year \ houses X) Houses

• • •

For 2019 real GDP we use prices paid in base year

$$(Q_{\text{apples}}^{2019} \times P_{\text{apples}}^{\text{base year}}) + (Q_{\text{computers}}^{2019} \times P_{\text{computers}}^{\text{base year}}) + (Q_{\text{haircuts}}^{2019} \times P_{\text{haircuts}}^{\text{base year}}) + (Q_{\text{haircuts}}^{2019} \times P_{\text{haircuts}}^{\text{base year}}) + (Q_{\text{houses}}^{2019} \times P_{\text{Houses}}^{\text{base year}}) + \dots = $11,000B$$

2019 Real GDP use
quantities purchased in
2019 but uses prices paid in
the base year

Real GDP

Since prices are fixed at base year prices, we know changes in Real GDP are due to a change in quantities not prices

Nominal GDP

Real GDP