# Real Gross Domestic Product

[Billions of chained (2009) dollars; quarterly data at seasonally adjusted annual rates]

| Period | Gross domestic product | Personal consumption expenditures | Gross private domestic investment | | | Exports and imports of goods and services | | | Government consumption expenditures and gross investment | | | | | Final sales of domestic product | Gross domestic purchases [1] | Addendum: Gross national product |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Nonresidential fixed investment | Residential fixed investment | Change in private inventories | Net exports | Exports | Imports | Total | Federal | | | State and local | | | |
| | | | | | | | | | | Total | National defense | Non-defense | | | | |
| 2007 | 14,873.7 | 10,041.6 | 1,948.4 | 654.8 | 35.5 | –712.6 | 1,646.4 | 2,359.0 | 2,914.4 | 1,078.7 | 695.6 | 383.1 | 1,836.1 | 14,836.2 | 15,606.8 | 15,005.7 |
| 2008 | 14,830.4 | 10,007.2 | 1,934.4 | 497.7 | –33.7 | –557.8 | 1,740.8 | 2,298.6 | 2,994.8 | 1,152.3 | 748.1 | 404.2 | 1,842.4 | 14,865.7 | 15,399.9 | 15,004.8 |
| 2009 | 14,418.7 | 9,847.0 | 1,633.4 | 392.2 | –147.6 | –395.4 | 1,587.7 | 1,983.2 | 3,089.1 | 1,217.7 | 788.3 | 429.4 | 1,871.4 | 14,566.3 | 14,814.2 | 14,569.8 |
| 2010 | 14,783.8 | 10,036.3 | 1,673.8 | 382.4 | 58.2 | –458.8 | 1,776.6 | 2,235.4 | 3,091.4 | 1,270.7 | 813.5 | 457.1 | 1,820.8 | 14,722.2 | 15,244.9 | 14,970.8 |
| 2011 | 15,020.6 | 10,263.5 | 1,802.3 | 384.5 | 37.6 | –459.4 | 1,898.3 | 2,357.7 | 2,997.4 | 1,236.4 | 795.0 | 441.4 | 1,761.0 | 14,979.0 | 15,483.9 | 15,241.0 |
| 2012 | 15,354.6 | 10,413.2 | 1,964.1 | 436.5 | 54.7 | –447.1 | 1,963.2 | 2,410.2 | 2,941.6 | 1,213.5 | 768.2 | 445.3 | 1,728.1 | 15,292.3 | 15,804.3 | 15,562.1 |
| 2013 | 15,612.2 | 10,565.4 | 2,032.9 | 488.3 | 78.7 | –404.9 | 2,031.5 | 2,436.4 | 2,857.6 | 1,142.8 | 715.7 | 427.0 | 1,714.1 | 15,521.1 | 16,016.9 | 15,822.2 |
| 2014 | 15,982.3 | 10,868.9 | 2,155.6 | 505.4 | 57.7 | –425.7 | 2,118.3 | 2,544.0 | 2,833.0 | 1,113.8 | 686.3 | 427.3 | 1,718.1 | 15,912.9 | 16,408.9 | 16,192.5 |
| 2015 | 16,397.2 | 11,214.7 | 2,200.2 | 564.5 | 84.0 | –540.0 | 2,120.6 | 2,660.5 | 2,883.7 | 1,113.8 | 672.0 | 441.3 | 1,768.2 | 16,300.6 | 16,937.8 | 16,570.4 |
| 2016 | 16,662.1 | 11,522.2 | 2,188.6 | 591.9 | 22.0 | –563.0 | 2,128.2 | 2,691.2 | 2,907.0 | 1,120.5 | 667.0 | 452.6 | 1,784.8 | 16,626.1 | 17,225.8 | 16,835.2 |
| 2014: I | 15,747.0 | 10,712.8 | 2,111.8 | 489.4 | 31.7 | –412.0 | 2,074.1 | 2,486.1 | 2,824.3 | 1,118.6 | 692.5 | 425.9 | 1,704.8 | 15,703.8 | 16,159.6 | 15,961.5 |
| II | 15,900.8 | 10,813.3 | 2,143.4 | 503.1 | 55.2 | –427.5 | 2,118.0 | 2,545.5 | 2,825.1 | 1,110.8 | 686.8 | 423.8 | 1,713.2 | 15,833.0 | 16,329.7 | 16,106.1 |
| III | 16,094.5 | 10,912.9 | 2,186.7 | 507.6 | 66.8 | –409.4 | 2,128.7 | 2,538.1 | 2,842.6 | 1,121.5 | 693.5 | 427.8 | 1,720.1 | 16,015.6 | 16,504.1 | 16,316.0 |
| IV | 16,186.7 | 11,036.4 | 2,180.6 | 521.4 | 76.9 | –454.0 | 2,152.3 | 2,606.2 | 2,840.0 | 1,104.4 | 672.5 | 431.6 | 1,734.1 | 16,099.3 | 16,642.1 | 16,386.4 |
| 2015: I | 16,269.0 | 11,102.4 | 2,187.9 | 538.0 | 114.4 | –521.2 | 2,120.6 | 2,641.8 | 2,858.0 | 1,109.6 | 671.8 | 437.3 | 1,746.9 | 16,140.9 | 16,791.3 | 16,453.3 |
| II | 16,374.2 | 11,181.3 | 2,196.6 | 556.9 | 93.8 | –524.9 | 2,135.5 | 2,660.5 | 2,880.7 | 1,110.1 | 671.0 | 438.6 | 1,768.9 | 16,267.5 | 16,900.1 | 16,545.7 |
| III | 16,454.9 | 11,255.9 | 2,217.5 | 573.7 | 70.9 | –547.1 | 2,120.4 | 2,667.6 | 2,894.4 | 1,112.7 | 669.0 | 443.1 | 1,779.9 | 16,371.7 | 17,002.6 | 16,614.0 |
| IV | 16,490.7 | 11,319.3 | 2,198.8 | 589.5 | 56.9 | –566.6 | 2,105.8 | 2,672.4 | 2,901.7 | 1,123.0 | 676.3 | 446.2 | 1,777.1 | 16,422.4 | 17,057.2 | 16,668.4 |
| 2016: I | 16,525.0 | 11,365.2 | 2,179.7 | 600.7 | 40.7 | –566.3 | 2,102.0 | 2,668.2 | 2,913.2 | 1,118.7 | 670.9 | 447.2 | 1,792.6 | 16,473.5 | 17,091.5 | 16,668.3 |
| II | 16,583.1 | 11,484.9 | 2,185.0 | 588.7 | –9.5 | –558.5 | 2,111.3 | 2,669.7 | 2,900.9 | 1,117.7 | 665.5 | 451.4 | 1,781.4 | 16,579.5 | 17,142.6 | 16,757.6 |
| III | 16,727.0 | 11,569.0 | 2,192.5 | 582.5 | 7.1 | –522.2 | 2,162.0 | 2,684.3 | 2,906.4 | 1,124.4 | 668.9 | 454.7 | 1,780.4 | 16,703.6 | 17,252.6 | 16,897.4 |
| IV | 16,813.3 | 11,669.8 | 2,197.2 | 596.0 | 49.6 | –605.0 | 2,137.4 | 2,742.4 | 2,907.6 | 1,121.0 | 662.8 | 457.3 | 1,784.9 | 16,747.7 | 17,416.4 | 17,017.6 |
| 2017: I [r] | 16,861.6 | 11,688.5 | 2,257.2 | 615.5 | 4.3 | –599.9 | 2,168.0 | 2,767.9 | 2,899.3 | 1,115.2 | 656.2 | 458.0 | 1,782.3 | 16,840.8 | 17,459.4 | 17,059.4 |

[1] GDP less exports of goods and services plus imports of goods and services.

Note: Because of the formula used for calculating real GDP, the chained (2009) dollar estimates for the detailed components *do not add* to the chained-dollar value of GDP or to any intermediate aggregates.

Source: Department of Commerce (Bureau of Economic Analysis).

# Chained Price Indexes For Gross Domestic Product

[Index numbers, 2009=100; quarterly data are seasonally adjusted]

| Period | Gross domestic product | Personal consumption expenditures | | | Gross private domestic investment | | Exports and imports of goods and services | | Government consumption expenditures and gross investment | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total | Goods | Services | Nonresidential fixed | Residential fixed | Exports | Imports | Federal | | | State and local |
| | | | | | | | | | Total | National defense | Non-defense | |
| 2007 | 97.340 | 97.102 | 99.403 | 95.981 | 98.574 | 105.176 | 101.107 | 101.024 | 97.319 | 97.572 | 96.849 | 95.426 |
| 2008 | 99.218 | 100.065 | 102.362 | 98.947 | 100.337 | 103.647 | 105.809 | 111.588 | 100.286 | 100.809 | 99.321 | 100.279 |
| 2009 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| 2010 | 101.226 | 101.653 | 101.637 | 101.661 | 99.070 | 99.645 | 104.263 | 105.800 | 102.614 | 102.365 | 103.064 | 102.714 |
| 2011 | 103.315 | 104.149 | 105.413 | 103.524 | 100.545 | 100.395 | 110.960 | 113.942 | 105.422 | 105.274 | 105.691 | 105.923 |
| 2012 | 105.220 | 106.121 | 106.701 | 105.840 | 102.216 | 101.324 | 111.970 | 114.671 | 106.512 | 106.466 | 106.600 | 107.985 |
| 2013 | 106.917 | 107.532 | 106.116 | 108.276 | 103.023 | 106.393 | 112.064 | 113.634 | 107.581 | 107.167 | 108.296 | 110.063 |
| 2014 | 108.838 | 109.150 | 105.727 | 110.946 | 104.423 | 112.795 | 112.134 | 113.368 | 109.431 | 108.699 | 110.668 | 112.522 |
| 2015 | 109.999 | 109.532 | 102.680 | 113.149 | 105.051 | 115.479 | 106.778 | 104.726 | 109.979 | 108.923 | 111.724 | 112.732 |
| 2016 | 111.451 | 110.721 | 101.237 | 115.752 | 105.489 | 119.303 | 104.899 | 101.569 | 111.069 | 109.768 | 113.186 | 113.864 |
| 2014: I | 108.140 | 108.621 | 106.047 | 109.969 | 103.920 | 111.212 | 112.767 | 114.517 | 108.888 | 108.310 | 109.879 | 111.773 |
| II | 108.714 | 109.133 | 106.111 | 110.716 | 104.303 | 111.575 | 112.755 | 114.064 | 109.320 | 108.619 | 110.509 | 112.349 |
| III | 109.178 | 109.425 | 105.845 | 111.303 | 104.618 | 113.517 | 112.483 | 113.462 | 109.726 | 108.941 | 111.050 | 112.999 |
| IV | 109.321 | 109.422 | 104.905 | 111.797 | 104.853 | 114.874 | 110.529 | 111.429 | 109.790 | 108.927 | 111.235 | 112.966 |
| 2015: I | 109.307 | 108.979 | 102.728 | 112.275 | 105.014 | 114.920 | 107.885 | 106.829 | 109.845 | 108.853 | 111.493 | 111.969 |
| II | 109.922 | 109.472 | 103.043 | 112.863 | 104.932 | 114.898 | 107.639 | 105.520 | 110.093 | 109.062 | 111.800 | 112.787 |
| III | 110.268 | 109.784 | 102.806 | 113.469 | 105.141 | 115.726 | 106.548 | 104.304 | 110.096 | 109.010 | 111.888 | 113.003 |
| IV | 110.498 | 109.892 | 102.144 | 113.990 | 105.116 | 116.371 | 105.039 | 102.252 | 109.881 | 108.765 | 111.717 | 113.169 |
| 2016: I | 110.635 | 109.969 | 101.109 | 114.663 | 105.172 | 116.952 | 103.669 | 100.675 | 110.286 | 109.015 | 112.356 | 112.715 |
| II | 111.268 | 110.519 | 101.301 | 115.405 | 105.476 | 118.553 | 104.671 | 101.211 | 110.869 | 109.585 | 112.961 | 113.570 |
| III | 111.662 | 110.921 | 101.083 | 116.142 | 105.532 | 120.070 | 105.292 | 101.933 | 111.331 | 110.034 | 113.443 | 114.254 |
| IV | 112.238 | 111.477 | 101.454 | 116.798 | 105.778 | 121.637 | 105.965 | 102.459 | 111.791 | 110.438 | 113.983 | 114.916 |
| 2017: I [r] | 112.859 | 112.150 | 102.125 | 117.472 | 106.127 | 122.167 | 106.745 | 103.753 | 113.012 | 111.574 | 115.330 | 116.016 |

Source: Department of Commerce (Bureau of Economic Analysis).

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