

**2017:Q4 (Second Estimate) Comparisons -- Percent Change From Preceding Period in
Real Gross Domestic Product and Related Measures
[Percent] Seasonally adjusted at annual rates**

	2017:Q4 % change	Last period with equal value		Last period with larger value		Last period with smaller value	
Gross domestic product (GDP)	2.5	2010Q4	2.5	2017Q3	3.2	2017Q1	1.2
Personal consumption expenditures (PCE)	3.8	2016Q2	3.8	2014Q4	5.1	2017Q3	2.2
Goods	7.5			2010Q4	7.6	2017Q3	4.5
Durable goods	13.8	1966Q3	13.8	2009Q3	20.6	2017Q3	8.6
Nondurable goods	4.3	1994Q4	4.3	2016Q2	4.7	2017Q3	2.3
Services	2.1	2016Q4	2.1	2017Q2	2.3	2017Q3	1.1
Gross private domestic investment	3.5			2017Q3	7.3	2017Q1	-1.2
Fixed investment	8.1	2017Q1	8.1	2014Q3	9.2	2017Q3	2.4
Nonresidential	6.6			2017Q2	6.7	2017Q3	4.7
Structures	2.5	1986Q4	2.5	2017Q2	7.0	2017Q3	-7.0
Equipment	11.8	2010Q4	11.8	2014Q3	19.2	2017Q3	10.8
Intellectual property products	2.4	1993Q3	2.4	2017Q3	5.2	2016Q4	-0.4
Residential	13.0	1962Q2	13.0	2016Q1	13.4	2017Q3	-4.7
Change in private inventories							
Net exports of goods and services							
Exports	7.1			2017Q1	7.3	2017Q3	2.1
Goods	12.0	2010Q4	12.0	2013Q4	15.7	2017Q3	1.8
Services	-1.9			2017Q3	2.5	2016Q4	-4.6
Imports	14.0			2010Q3	14.9	2017Q3	-0.7
Goods	16.9			2010Q2	23.9	2017Q3	-0.2
Services	1.9	2010Q4	1.9	2017Q2	2.2	2017Q3	-2.6
Government consumption expenditures and gross investment	2.9	2010Q2	2.9	2015Q2	3.4	2017Q3	0.7
Federal	3.2	2001Q4	3.2	2010Q3	3.7	2017Q3	1.3
National defense	5.6	1992Q3	5.6	2011Q2	6.7	2017Q3	2.4
Nondefense	0.0			2016Q4	3.6	2017Q3	-0.2
State and local	2.7	2006Q2	2.7	2016Q1	3.9	2017Q3	0.2
Addenda:							
Gross domestic income (GDI)							
Average of GDP and GDI							
Final sales of domestic product	3.3	2012Q1	3.3	2015Q2	3.4	2017Q3	2.4
Gross domestic purchases	3.6	1996Q1	3.6	2015Q1	4.8	2017Q3	2.7
Final sales to domestic purchasers	4.3	1996Q1	4.3	2014Q3	4.4	2017Q3	1.9
Final sales to private domestic purchasers	4.6	1999Q1	4.6	2014Q3	4.9	2017Q3	2.2
Gross national product (GNP)							
Disposable personal income	1.1	2007Q3	1.1	2017Q2	2.7	2017Q3	0.7
Current-dollar measures:							
GDP	4.9	2012Q1	4.9	2017Q3	5.3	2017Q2	4.1
GDI							
Average of GDP and GDI							
Final sales of domestic product	5.7	2015Q2	5.7	2014Q3	6.8	2017Q3	4.5
Gross domestic purchases	6.2	1999Q2	6.2	2014Q3	6.4	2017Q3	4.5
Final sales to domestic purchasers	6.9			2006Q1	8.0	2017Q3	3.7
Final sales to private domestic purchasers	7.1	1989Q3	7.1	2006Q1	7.9	2017Q3	3.8
GNP							
Disposable personal income	3.9	2013Q3	3.9	2017Q1	5.2	2017Q3	2.2
Chain-type price measures:							
Gross domestic purchases	2.5	2002Q2	2.5	2017Q1	2.6	2017Q3	1.7
Gross domestic purchases excluding food and energy	1.9	2007Q3	1.9	2017Q1	2.3	2017Q3	1.6
GDP	2.3	2011Q3	2.3	2016Q2	2.4	2017Q3	2.1
GDP excluding food and energy	2.2	2016Q2	2.2	2017Q1	2.4	2017Q3	1.6
GDP implicit price deflator	2.3	2014Q2	2.3	2016Q2	2.4	2017Q3	2.1
PCE	2.7	2005Q2	2.7	2011Q2	4.1	2017Q3	1.5
PCE excluding food and energy	1.9	2012Q2	1.9	2016Q3	2.0	2017Q3	1.3
Market-based PCE	2.5	2005Q2	2.5	2011Q2	4.2	2017Q3	1.2
Market-based PCE excluding food and energy	1.5	2016Q2	1.5	2017Q1	1.9	2017Q3	1.0

Source: U.S. Bureau of Economic Analysis

2017:Q4 (Second Estimate) Comparisons -- Contributions to Percent Change in Real Gross Domestic Product

	2017:Q4 contribution	Last period with equal value		Last period with larger value		Last period with smaller value	
Percent change at annual rate:							
Gross domestic product	2.5	2010Q4	2.5	2017Q3	3.2	2017Q1	1.2
Percentage points at annual rates:							
Personal consumption expenditures	2.58	.....	.....	2014Q4	3.36	2017Q3	1.49
Goods	1.61	1994Q1	1.61	2010Q4	1.66	2017Q3	0.97
Durable goods	0.99	.....	.....	2009Q3	1.35	2017Q3	0.63
Nondurable goods	0.62	1993Q3	0.62	2016Q2	0.68	2017Q3	0.34
Services	0.97	2016Q4	0.97	2017Q2	1.08	2017Q3	0.52
Gross private domestic investment	0.59	1964Q4	0.59	2017Q3	1.19	2017Q1	-0.20
Fixed investment	1.29	1997Q1	1.29	2014Q3	1.45	2017Q3	0.40
Nonresidential	0.82	2017Q2	0.82	2017Q1	0.86	2017Q3	0.58
Structures	0.07	2001Q2	0.07	2017Q2	0.20	2017Q3	-0.21
Equipment	0.64	1994Q3	0.64	2014Q3	1.07	2017Q3	0.58
Intellectual property products	0.10	2004Q2	0.10	2017Q3	0.21	2016Q4	-0.02
Residential	0.47	2016Q1	0.47	2012Q4	0.57	2017Q3	-0.18
Change in private inventories	-0.70	1995Q1	-0.70	2017Q3	0.79	2017Q1	-1.46
Net exports of goods and services	-1.13	1997Q1	-1.13	2017Q3	0.36	2016Q4	-1.61
Exports	0.84	.....	.....	2017Q1	0.85	2017Q3	0.25
Goods	0.92	2010Q1	0.92	2014Q2	0.97	2017Q3	0.15
Services	-0.08	1982Q3	-0.08	2017Q3	0.10	2016Q4	-0.19
Imports	-1.97	2000Q3	-1.97	2017Q3	0.11	2010Q3	-2.20
Goods	-1.92	.....	.....	2017Q3	0.03	2010Q2	-2.74
Services	-0.05	2015Q4	-0.05	2017Q3	0.07	2017Q2	-0.06
Government consumption expenditures and gross investment	0.49	.....	.....	2015Q2	0.60	2017Q3	0.12
Federal	0.21	2001Q3	0.21	2014Q3	0.22	2017Q3	0.09
National defense	0.21	.....	.....	2011Q2	0.36	2017Q3	0.09
Nondefense	0.00	2016Q1	0.00	2016Q4	0.10	2017Q3	-0.01
State and local	0.28	2015Q3	0.28	2016Q1	0.42	2017Q3	0.03

Source: U.S. Bureau of Economic Analysis

**2017 (Second Estimate) Comparisons -- Percent Change From Preceding Period in
Real Gross Domestic Product and Related Measures**

[Percent]

	2017 % change	Last period with equal value		Last period with larger value		Last period with smaller value	
Gross domestic product (GDP)	2.3	.....	.....	2015	2.9	2016	1.5
Personal consumption expenditures (PCE)	2.7	2016	2.7	2015	3.6	2013	1.5
Goods	3.8	.....	.....	2015	4.6	2016	3.7
Durable goods	6.7	.....	.....	2015	7.7	2016	5.5
Nondurable goods	2.4	.....	.....	2016	2.8	2013	1.7
Services	2.2	2003	2.2	2016	2.3	2013	0.6
Gross private domestic investment	3.2	1995	3.2	2015	5.2	2016	-1.6
Fixed investment	4.0	2003	4.0	2014	6.2	2016	0.7
Nonresidential	4.7	.....	.....	2014	6.9	2016	-0.6
Structures	5.4	1969	5.4	2014	10.5	2016	-4.1
Equipment	4.8	.....	.....	2014	6.6	2016	-3.4
Intellectual property products	4.0	1994	4.0	2016	6.3	2015	3.8
Residential	1.8	.....	.....	2016	5.5	2011	0.5
Change in private inventories	.....	.....	.....	.....	.....	.....	.....
Net exports of goods and services	.....	.....	.....	.....	.....	.....	.....
Exports	3.4	2012	3.4	2014	4.3	2016	-0.3
Goods	4.5	.....	.....	2014	4.6	2016	0.3
Services	1.2	.....	.....	2015	2.1	2016	-1.5
Imports	3.9	1988	3.9	2015	5.0	2016	1.3
Goods	4.3	1989	4.3	2015	5.2	2016	0.9
Services	2.6	2014	2.6	2016	3.1	2013	0.6
Government consumption expenditures and gross investment	0.1	2010	0.1	2016	0.8	2014	-0.6
Federal	0.2	1976	0.2	2010	4.4	2016	0.0
National defense	0.2	.....	.....	2010	3.2	2016	-0.7
Nondefense	0.1	.....	.....	2016	1.2	2013	-4.1
State and local	0.1	1982	0.1	2016	1.2	2013	-0.8
Addenda:	.....	.....	.....	.....	.....	.....	.....
Gross domestic income (GDI)	.....	.....	.....	.....	.....	.....	.....
Average of GDP and GDI	.....	.....	.....	.....	.....	.....	.....
Final sales of domestic product	2.4	1956	2.4	2015	2.6	2016	1.9
Gross domestic purchases	2.4	.....	.....	2015	3.5	2016	1.7
Final sales to domestic purchasers	2.5	.....	.....	2015	3.3	2016	2.1
Final sales to private domestic purchasers	3.0	1989	3.0	2015	3.7	2016	2.3
Gross national product (GNP)	.....	.....	.....	.....	.....	.....	.....
Disposable personal income	1.2	.....	.....	2016	1.4	2013	-1.4
Current-dollar measures:	.....	.....	.....	.....	.....	.....	.....
GDP	4.1	2012	4.1	2014	4.4	2016	2.8
GDI	.....	.....	.....	.....	.....	.....	.....
Average of GDP and GDI	.....	.....	.....	.....	.....	.....	.....
Final sales of domestic product	4.2	2001	4.2	2014	4.5	2016	3.2
Gross domestic purchases	4.2	.....	.....	2014	4.4	2016	2.7
Final sales to domestic purchasers	4.4	.....	.....	2014	4.5	2016	3.1
Final sales to private domestic purchasers	4.7	.....	.....	2014	5.2	2016	3.5
GNP	.....	.....	.....	.....	.....	.....	.....
Disposable personal income	2.9	.....	.....	2015	4.5	2016	2.6
Chain-type price measures:	.....	.....	.....	.....	.....	.....	.....
Gross domestic purchases	1.8	2012	1.8	2011	2.4	2016	1.0
Gross domestic purchases excluding food and energy	1.7	.....	.....	2014	1.8	2016	1.4
GDP	1.8	2014	1.8	2011	2.1	2016	1.3
GDP excluding food and energy	1.8	2012	1.8	2014	1.9	2016	1.6
GDP implicit price deflator	1.8	2014	1.8	2011	2.1	2016	1.3
PCE	1.7	2010	1.7	2012	1.9	2016	1.2
PCE excluding food and energy	1.5	2013	1.5	2016	1.8	2015	1.3
Market-based PCE	1.5	2010	1.5	2012	1.8	2016	0.8
Market-based PCE excluding food and energy	1.3	.....	.....	2016	1.4	2015	1.1

Source: U.S. Bureau of Economic Analysis

2017 (Second Estimate) Comparisons -- Contributions to Percent Change in Real Gross Domestic Product

	2017 contribution	Last period with equal value		Last period with larger value		Last period with smaller value	
Percent change at annual rate:							
Gross domestic product	2.3	.....	.....	2015	2.9	2016	1.5
Percentage points at annual rates:							
Personal consumption expenditures	1.88	.....	.....	2015	2.47	2016	1.86
Goods	0.84	.....	.....	2015	1.03	2016	0.81
Durable goods	0.50	2014	0.50	2015	0.57	2016	0.41
Nondurable goods	0.35	.....	.....	2016	0.40	2013	0.27
Services	1.04	.....	.....	2016	1.05	2013	0.28
Gross private domestic investment	0.53	1987	0.53	2015	0.87	2016	-0.28
Fixed investment	0.65	.....	.....	2014	0.97	2016	0.12
Nonresidential	0.58	.....	.....	2014	0.86	2016	-0.08
Structures	0.15	1998	0.15	2014	0.30	2016	-0.12
Equipment	0.27	.....	.....	2014	0.39	2016	-0.20
Intellectual property products	0.16	2006	0.16	2016	0.25	2015	0.15
Residential	0.07	.....	.....	2016	0.20	2011	0.01
Change in private inventories	-0.12	1964	-0.12	2015	0.23	2016	-0.40
Net exports of goods and services	-0.18	1971	-0.18	2014	-0.16	2016	-0.23
Exports	0.40	.....	.....	2014	0.58	2016	-0.04
Goods	0.35	1955	0.35	2014	0.42	2016	0.02
Services	0.05	1985	0.05	2015	0.09	2016	-0.06
Imports	-0.58	.....	.....	2016	-0.19	2015	-0.78
Goods	-0.51	.....	.....	2016	-0.11	2015	-0.67
Services	-0.07	2014	-0.07	2013	-0.02	2016	-0.09
Government consumption expenditures and gross investment	0.02	2010	0.02	2016	0.13	2014	-0.12
Federal	0.01	.....	.....	2010	0.37	2016	0.00
National defense	0.01	1931	0.01	2010	0.18	2016	-0.03
Nondefense	0.00	1995	0.00	2016	0.03	2013	-0.12
State and local	0.01	1982	0.01	2016	0.13	2013	-0.09

Source: U.S. Bureau of Economic Analysis