

News Release

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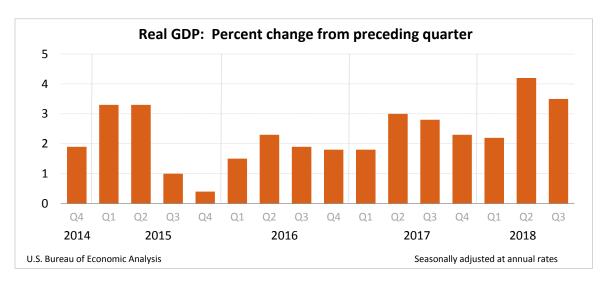
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Gross Domestic Product, Third Quarter 2018 (Advance Estimate)

Real gross domestic product (GDP) increased at an annual rate of 3.5 percent in the third quarter of 2018 (table 1), according to the "advance" estimate released by the Bureau of Economic Analysis. In the second quarter, real GDP increased 4.2 percent.

The Bureau emphasized that the third-quarter advance estimate released today is based on source data that are incomplete or subject to further revision by the source agency (see "Source Data for the Advance Estimate" on page 2). The "second" estimate for the third quarter, based on more complete data, will be released on November 28, 2018.



The increase in real GDP in the third quarter reflected positive contributions from personal consumption expenditures (PCE), private inventory investment, state and local government spending, federal government spending, and nonresidential fixed investment that were partly offset by negative contributions from exports and residential fixed investment. Imports, which are a subtraction in the calculation of GDP, increased (table 2).



The deceleration in real GDP growth in the third quarter reflected a downturn in exports and a deceleration in nonresidential fixed investment. Imports increased in the third quarter after decreasing in the second. These movements were partly offset by an upturn in private inventory investment.

Current-dollar GDP increased 4.9 percent, or \$247.1 billion, in the third quarter to a level of \$20.66 trillion. In the second quarter, current-dollar GDP increased 7.6 percent, or \$370.9 billion (table 1 and table 3).

The **price index for gross domestic purchases** increased 1.7 percent in the third quarter, compared with an increase of 2.4 percent in the second quarter (table 4). **The PCE price index** increased 1.6 percent, compared with an increase of 2.0 percent. Excluding food and energy prices, the PCE price index increased 1.6 percent, compared with an increase of 2.1 percent.

Personal Income (table 8)

Current-dollar personal income increased \$180.4 billion in the third quarter, compared with an increase of \$180.7 billion in the second quarter. Accelerations in rental income, wages and salaries, and nonfarm proprietors' income were offset by a downturn in farm proprietors' income and a slowdown in dividend income.

Disposable personal income increased \$155.0 billion, or 4.1 percent, in the third quarter, compared with an increase of \$168.9 billion, or 4.5 percent, in the second quarter. **Real disposable personal income** increased 2.5 percent, the same increase as in the second quarter.

Personal saving was \$999.6 billion in the third quarter, compared with \$1,054.3 billion in the second quarter. The **personal saving rate** -- personal saving as a percentage of disposable personal income -- was 6.4 percent in the third quarter, compared with 6.8 percent in the second quarter.

Source Data for the Advance Estimate

Information on the source data and key assumptions used for unavailable source data in the advance estimate is provided in a <u>Technical Note</u> that is posted with the news release on BEA's Web site. A detailed "<u>Key Source Data and Assumptions</u>" file is also posted for each release. For information on updates to GDP, see the "Additional Information" section that follows.

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Next release, November 28, 2018 at 8:30 A.M. EST Gross Domestic Product, Third Quarter 2018 (Second Estimate) Corporate Profits, Third Quarter 2018 (Preliminary Estimate)



Release Dates in 2019

	2018 Q4 and			
Estimate	2018 annual	2019 Q1	2019 Q2	2019 Q3
Gross Domestic Product				
Advance Estimate	January 30, 2019	April 26, 2019	July 26, 2019	October 30, 2019
Second Estimate	February 28, 2019	May 30, 2019	August 29, 2019	November 27, 2019
Third Estimate	March 28, 2019	June 27, 2019	September 26, 2019	December 20, 2019
Corporate Profits				
Preliminary Estimate		May 30, 2019	August 29, 2019	November 27, 2019
Revised Estimate	March 28, 2019	June 27, 2019	September 26, 2019	December 20, 2019



Additional Information

Resources

Additional resources available at www.bea.gov:

- Stay informed about BEA developments by reading the BEA <u>blog</u>, signing up for BEA's <u>email</u> <u>subscription service</u>, or following BEA on Twitter <u>@BEA News</u>.
- Historical time series for these estimates can be accessed in BEA's interactive data application.
- Access BEA data by registering for BEA's data application programming interface (API).
- For more on BEA's statistics, see our monthly online journal, the <u>Survey of Current Business</u>.
- BEA's news release schedule
- NIPA Handbook: Concepts and Methods of the U.S. National Income and Product Accounts

Definitions

Gross domestic product (GDP) is the value of the goods and services produced by the nation's economy less the value of the goods and services used up in production. GDP is also equal to the sum of personal consumption expenditures, gross private domestic investment, net exports of goods and services, and government consumption expenditures and gross investment.

Gross domestic income (GDI) is the sum of incomes earned and costs incurred in the production of GDP. In national economic accounting, GDP and GDI are conceptually equal. In practice, GDP and GDI differ because they are constructed using largely independent source data. Real GDI is calculated by deflating gross domestic income using the GDP price index as the deflator and is therefore conceptually equivalent to real GDP.

Current-dollar estimates are valued in the prices of the period when the transactions occurred—that is, at "market value." Also referred to as "nominal estimates" or as "current-price estimates."

Real values are inflation-adjusted estimates—that is, estimates that exclude the effects of price changes.

The *gross domestic purchases price index* measures the prices of final goods and services purchased by U.S. residents.

The *personal consumption expenditure price index* measures the prices paid for the goods and services purchased by, or on the behalf of, "persons."

Personal income is the income received by, or on behalf of, all persons from all sources: from participation as laborers in production, from owning a home or business, from the ownership of financial assets, and from government and business in the form of transfers. t includes income from domestic sources as well as the rest of world. It does not include realized or unrealized capital gains or losses.

Disposable personal income is the income available to persons for spending or saving. It is equal to personal income less personal current taxes.

Personal outlays is the sum of personal consumption expenditures, personal interest payments, and personal current transfer payments.

Personal saving is personal income less personal outlays and personal current taxes.

The *personal saving rate* is personal saving as a percentage of disposable personal income.

Profits from current production, referred to as corporate profits with inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj) in the National Income and Product Accounts (NIPAs), is a measure of the net income of corporations before deducting income taxes that is consistent with the value of goods and services measured in GDP. The IVA and CCAdj are adjustments that convert inventory withdrawals and depreciation of fixed assets reported on a tax-return, historical-cost basis to the current-cost economic measures used in the national income and product accounts. Profits for domestic industries reflect profits for all corporations located within the geographic borders of the United States. The rest-ofthe-world (ROW) component of profits is measured as the difference between profits received from ROW and profits paid to ROW.

For more definitions, see the <u>Glossary: National Income and</u> Product Accounts.

Statistical conventions

Annual-vs-quarterly rates. Quarterly seasonally adjusted values are expressed at annual rates, unless otherwise specified. This convention is used for BEA's featured, seasonally adjusted measures to facilitate comparisons with related and historical data. For details, see the FAQ "Why does BEA publish estimates at annual rates?" Quarterly not seasonally adjusted values are expressed only at quarterly rates.



Percent changes. Percent changes in quarterly seasonally adjusted series are displayed at annual rates, unless otherwise specified. For details, see the FAQ "How is average annual growth calculated?" Percent changes in quarterly not seasonally adjusted values are calculated from the same quarter one year ago. All published percent changes are calculated from unrounded data.

Calendar years and quarters. Unless noted otherwise, annual and quarterly data are presented on a calendar basis.

Quantities and prices. Quantities, or "real" volume measures, and prices are expressed as index numbers with a specified reference year equal to 100 (currently 2012). Quantity and price indexes are calculated using a Fisher-chained weighted formula that incorporates weights from two adjacent periods (quarters for quarterly data and annuals for annual data). For details on the calculation of quantity and price indexes, see Chapter 4: Estimating Methods in the NIPA Handbook.

Chained-dollar values are calculated by multiplying the quantity index by the current dollar value in the reference year (2012) and then dividing by 100. Percent changes calculated from real quantity indexes and chained-dollar levels are conceptually the same; any differences are due to rounding. Chained-dollar values are not additive because the relative weights for a given period differ from those of the reference year. In tables that display chained-dollar values, a "residual" line shows the difference between the sum of detailed chained-dollar series and its corresponding aggregate.

Updates to GDP

BEA releases three vintages of the current quarterly estimate for GDP: "Advance" estimates are released near the end of the first month following the end of the quarter and are based on source data that are incomplete or subject

to further revision by the source agency; "second" and "third" estimates are released near the end of the second and third months, respectively, and are based on more detailed and more comprehensive data as they become available.

Annual and comprehensive updates are typically released in late July. Annual updates generally cover at least the 5 most recent calendar years (and their associated quarters) and incorporate newly available major annual source data as well as some changes in methods and definitions to improve the accounts. Comprehensive (or benchmark) updates are carried out at about 5-year intervals and incorporate major periodic source data, as well as major conceptual improvements.

The table below shows the average revisions to the quarterly percent changes in real GDP between different estimate vintages, without regard to sign.

	Average Revision Without Regard to Sign
Vintage	(percentage points, annual rates)
Advance to second	0.5
Advance to third	0.6
Second to third	0.2
Advance to latest	1.2

Note - Based on estimates from 1993 through 2017. For more information on GDP updates, see <u>Revision Information</u> on the BEA Web site.

The larger average revision from the advance to the latest estimate reflects the fact that periodic comprehensive updates include major statistical and methodological improvements.

Unlike GDP, an advance current quarterly estimate of GDI is not released because data on domestic profits and on net interest of domestic industries are not available. For fourth quarter estimates, these data are not available until the third estimate.



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	Ago

Table 1. Real Gross Domestic Product and Related Measures: Percent Change From Preceding Period

	Table 1. Real Gross	טוווטם	ะรถเบ	rioui	uct ai	iu Ke	iateu	iviea	Suies							eumg	Penc	Ju			
										Seas	onally	adjuste	ed at a	nnual r	ates						I
Line		2015	2016	2017	2014		20	15			20	16			201	17			2018		Line
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	<u></u>
1	Gross domestic product (GDP)	2.9	1.6	2.2	1.9	3.3	3.3	1.0	0.4	1.5	2.3	1.9	1.8	1.8	3.0	2.8	2.3	2.2	4.2	3.5	1
2	Personal consumption expenditures	3.7	2.7	2.5	4.7	3.5	3.4	2.9	2.3	2.4	3.4	2.7	2.6	1.8	2.9	2.2	3.9	0.5	3.8	4.0	2
3	Goods	4.7	3.6	3.7	5.5	4.4	4.8	4.3	2.4	3.4	4.8	3.3	2.7	1.9	5.6	4.1	6.8	-0.6	5.5	5.8	3
4	Durable goods	7.6	5.5	6.8	8.1	6.6	9.4	5.0	2.9	3.2	6.6	10.4	7.1	1.9	8.7	7.7	12.7	-2.0	8.6	6.9	4
5	Nondurable goods	3.4	2.7	2.1	4.3	3.4	2.6	4.0	2.1	3.5	3.9	-0.1	0.6	1.9	4.0	2.3	4.0	0.1	4.0	5.2	5
6	Services	3.2	2.3	2.0	4.3	3.1	2.7	2.2	2.2	2.0	2.8	2.4	2.5	1.7	1.7	1.4	2.6	1.0	3.0	3.2	6
7	Gross private domestic investment	4.8	-1.3	4.8	-0.3	12.8	2.0	-1.2	-5.8	-1.8	-1.0	-0.4	8.1	4.9	5.7	8.8	0.8	9.6	-0.5	12.0	7
8	Fixed investment	3.4	1.7	4.8	4.3	0.0	3.7	3.1	-1.9	1.9	2.8	3.2	1.7	9.9	4.3	2.6	6.2	8.0	6.4	-0.3	8
9	Nonresidential	1.8	0.5	5.3	2.0	-1.8	2.0	1.1	-3.9	-1.2	3.8	4.6	0.0	9.6	7.3	3.4	4.8	11.5	8.7	0.8	9
10	Structures	-3.0	-5.0	4.6	6.7	-8.7	1.7	-13.9	-20.6	-4.0	3.3	12.6	-1.2	12.8	3.8	-5.7	1.3	13.9	14.5	-7.9	10
11	Equipment	3.1	-1.5	6.1	-5.6	4.4	0.8	7.3	-4.4	-6.4	0.1	0.1	0.9	9.1	9.7	9.8	9.9	8.5	4.6	0.4	11
12	Intellectual property products	3.7	7.5	4.6	10.4	-5.0	4.0	4.6	11.1	8.7	9.6	5.5	-0.4	8.0	6.6	1.7	0.7	14.1	10.5	7.9	12
13	Residential	10.1	6.5	3.3	14.9	7.5	11.0	11.4	5.8	13.7	-1.0	-1.7	7.7	11.1	-5.5	-0.5	11.1	-3.4	-1.3	-4.0	13
14	Change in private inventories																				14
15	Net exports of goods and services																				15
16	Exports	0.6	-0.1	3.0	4.7	-4.2	3.8	-3.5	-2.2	-2.4	3.4	6.1	-3.6	5.0	3.6	3.5	6.6	3.6	9.3	-3.5	16
17	Goods	-0.3	0.3	3.3	4.6	-9.4	6.5	-4.6	-4.8	0.2	3.6	7.7	-3.1	4.2	4.2	2.1	10.9	3.2	13.5	-7.0	17
18	Services	2.4	-0.9	2.5	5.0	7.4	-1.3	-1.3	2.8	-7.2	3.1	3.2	-4.6	6.4	2.6	6.3	-1.0	4.2	1.5	3.5	18
19	Imports	5.5	1.9	4.6	11.0	6.6	3.2	4.1	-0.4	0.5	0.8	4.9	6.2	4.8	2.5	2.8	11.8	3.0	-0.6	9.1	19
20	Goods	5.8	1.4	4.6	11.7	7.8	3.6	3.1	-1.3	-0.4	1.1	4.2	6.4	4.9	2.4	2.5	14.2	2.4	-0.4	10.3	20
21	Services	4.0	4.2	4.4	8.1	1.3	1.9	8.9	3.8	4.4	-0.7	7.9	5.7	4.5	3.1	4.4	2.0	5.5	-1.4	3.8	21
22	Government consumption																				
	expenditures and gross investment	1.9	1.4	-0.1	-0.4	2.3	4.0	1.9	0.7	3.4	-0.8	1.0	0.2	-0.8	0.0	-1.0	2.4	1.5	2.5	3.3	22
23	Federal	0.0	0.4	0.7	-5.9	2.2	1.0	-0.6	2.3	0.2	-1.6	1.6	0.5	0.0	2.4	-1.3	4.1	2.6	3.7	3.3	23
24	National defense	-2.0	-0.6	0.7	-11.0	0.0	0.8	-4.0	2.6	-1.1	-3.3	2.8	-1.2	-0.3	5.6	-2.9	2.9	3.0	5.9	4.6	24
25	Nondefense	3.1	1.9	0.8	2.5	5.5	1.4	4.6	1.9	2.1	1.0	-0.1	3.0	0.4	-2.0	1.1	5.7	2.1	0.5	1.5	25
26	State and local	3.0	2.0	-0.5	3.2	2.3	5.8	3.4	-0.3	5.4	-0.4	0.6	0.0	-1.2	-1.3	-0.9	1.4	0.9	1.8	3.2	26
	Addenda:																				l
27	Gross domestic income (GDI) ¹	2.6	0.8	2.3	2.9	2.9	1.3	1.0	0.3	1.5	-0.9	2.0	2.4	3.5	2.8	1.3	1.5	3.9	1.6		27
28	Average of GDP and GDI	2.7	1.2	2.2	2.4	3.1	2.3	1.0	0.3	1.5	0.6	2.0	2.1	2.6	2.9	2.0	1.9	3.1	2.9		28
29	Final sales of domestic product	2.6	2.1	2.2	2.7	1.2	3.7	1.7	1.1	2.2	2.9	2.5	0.7	2.6	2.8	1.8	3.2	1.9	5.4	1.4	29
30	Gross domestic purchases	3.6	1.8	2.5	2.9	4.8	3.3	2.0	0.6	1.9	1.9	1.9	3.0	1.9	2.8	2.7	3.1	2.2	2.8	5.2	30
31	Final sales to domestic purchasers	3.3	2.3	2.5	3.7	2.7	3.6	2.7	1.3	2.5	2.6	2.4	2.0	2.6	2.6	1.7	4.0	1.9	4.0	3.1	31
32	Final sales to private domestic																				
	purchasers	3.7	2.5	3.0	4.6	2.8	3.5	2.9	1.4	2.3	3.3	2.8	2.4	3.3	3.2	2.3	4.4	2.0	4.3	3.1	32
33	Gross national product (GNP)	2.8	1.5	2.3	1.1	3.5	3.0	0.9	0.7	0.9	2.4	1.6	2.8	1.5	2.6	3.6	2.6	2.2	4.0		33
34	Disposable personal income	4.1	1.7	2.6	5.0	5.0	3.1	3.4	0.9	2.7	-0.6	1.5	2.7	4.5	2.2	2.2	2.3	4.4	2.5	2.5	34
	Current-dollar measures:																				
35	GDP	4.0	2.7	4.2	2.7	3.0	5.7	2.4	0.5	1.2	5.1	3.5	3.9	3.9	4.2	4.8	5.1	4.3	7.6	4.9	35
36	GDI	3.7	1.9	4.2	3.7	2.6	3.7	2.5	0.4	1.1	1.8	3.5	4.5	5.6	4.0	3.2	4.2	6.0			36
37	Average of GDP and GDI	3.8	2.3	4.2	3.2	2.8	4.7	2.5	0.4	1.2	3.4	3.5	4.2	4.8	4.1	4.0	4.7	5.1	6.3		37
38	Final sales of domestic product	3.7	3.2	4.2	3.0	1.2	6.2	3.0	1.3	2.0	5.7	4.0	3.0	4.7	4.0	4.0	5.8	4.0	8.6	3.1	38
39	Gross domestic purchases	3.9	2.6	4.3	3.3	3.1	4.8	3.2	0.2	1.2	4.4	3.5	5.0	4.2	3.9	4.4	6.0	4.8	5.6	6.7	39
40	Final sales to domestic purchasers	3.7	3.2	4.4	3.6	1.3	5.3	3.7	0.9	2.0	4.9	4.1	4.1	4.9	3.8	3.6	6.7	4.5	6.5	4.9	40
41	Final sales to private domestic																				
	purchasers	4.1	3.4	4.8	4.5	1.6	5.1	4.0	1.2	2.2	5.6	4.3	4.4	5.3	4.2	4.0	6.9	4.5	6.6	4.8	
42	GNP	3.8	2.6	4.3	1.9	3.1	5.3	2.4	0.9	0.5	5.3	3.1	4.9	3.6	3.8	5.6	5.3	4.2			42
43	Disposable personal income	4.4	2.8	4.4	4.6	3.2	5.1	4.7	0.7	3.0	1.7	3.3	4.7	6.6	3.0	3.9	5.1	7.0	4.5	4.1	43

^{1.} Gross domestic income deflated by the implicit price deflator for gross domestic product. Source: U.S. Bureau of Economic Analysis

Table 2. Contributions to Percent Change in Real Gross Domestic Product

		Table 2	2. Cor	ntribu	tions t	o Per	cent (Chang	je in F												
Lino		2015	2017	2017	2014		201	1 E		Sea	asonally		ed at an	nual rat		17			2010		Lino
Line		2015	2016	2017	2014 Q4	Q1	20°	Q3	Q4	Q1	20°	Q3	Q4	Q1	20°	Q3	Q4	Q1	2018 Q2	Q3	Line
	Percent change at annual rate:				Q1	Q.I	QZ	20	۷.	۷.	QZ	20	۷.	Q.I	QZ	20	Q 1	Q.I	QZ		
1	Gross domestic product	2.9	1.6	2.2	1.9	3.3	3.3	1.0	0.4	1.5	2.3	1.9	1.8	1.8	3.0	2.8	2.3	2.2	4.2	3.5	1
2	Percentage points at annual rates:	2.50	1.85	1.73	3.10	2.36	2.28	1.91	1.52	1.62	2.30	1.79	1.75	1.22	1.95	1.52	2.64	0.36	2.57	2.69	2
3	Personal consumption expenditures Goods	1.02	0.77	0.78	1.18	0.94	1.02	0.91	0.51	0.72	1.01	0.70	0.58	0.40	1.95	0.86	1.42	-0.13	1.16	1.20	3
4	Durable goods	0.53	0.39	0.48	0.55	0.46	0.65	0.35	0.21	0.23	0.46	0.71	0.50	0.13	0.60	0.54	0.87	-0.15	0.60	0.48	4
5	Motor vehicles and parts	0.18	0.08	0.11	0.17	0.21	0.33	-0.02		-0.01	0.13	0.34	0.25	-0.22	0.08	0.21	0.40	-0.35	0.16	0.09	5
6	Furnishings and durable																				
	household equipment	0.12	0.11	0.12	0.09	0.09	0.12	0.15	0.11	0.11	0.11	0.13	0.05	0.13	0.14	0.14	0.18	0.03	0.10	0.12	6
7	Recreational goods and vehicles	0.15	0.17	0.19	0.19	0.09	0.11	0.18	0.13	0.17	0.20	0.19	0.16	0.19	0.29	0.05	0.22	0.13	0.18	0.23	
8	Other durable goods	0.08	0.02	0.07	0.10	0.07	0.09	0.05	0.06	-0.05	0.01	0.06	0.05	0.04	0.10	0.14	0.07	0.04	0.17	0.04	8
9	Nondurable goods	0.49	0.38	0.30	0.63	0.48	0.37	0.56	0.30	0.49	0.55	-0.01	0.08	0.27	0.56	0.32	0.55	0.02	0.56	0.72	9
10	Food and beverages purchased	0.07	0.40	0.40	0.07	0.40	0.04	0.07	0.07	0.07	0.07	0.44	0.40	0.07	0.05	0.47	0.00	0.44	0.44	0.40	1 40
11	for off-premises consumption	0.07	0.18	0.12	0.07 0.14	0.12	0.04	0.06	0.06	0.27	0.36	0.11	-0.04	0.06	0.05	0.16	0.29	0.11	0.14	0.19	10 11
12	Clothing and footwear Gasoline and other energy goods	0.07	0.04	-0.02	0.14	0.03	0.00	0.08	-0.03	0.04	-0.12	-0.04	-0.04	-0.01	0.13	-0.05	-0.02	-0.15	0.16	-0.05	12
13	Other nondurable goods	0.07	0.15	0.15	0.17	0.17	0.01	0.33	0.24	0.05	0.12	-0.15	0.05	0.25	0.26	0.17	0.12	0.11	0.07	0.37	13
14	Services	1.48	1.08	0.95	1.91	1.41	1.26	1.00	1.02	0.90	1.29	1.09	1.17	0.82	0.79	0.65	1.22	0.49	1.42	1.49	14
15	Household consumption																				
	expenditures (for services)	1.55	1.01	0.96	2.12	1.67	1.30	0.83	0.83	0.93	1.34	0.78	1.26	0.89	0.82	0.77	1.14	0.24	1.11	1.38	15
16	Housing and utilities	0.27	0.16	0.08	0.55	0.51	0.01	0.28	-0.03	0.17	0.35	0.26	-0.17	-0.13	0.36	0.04	0.27	0.07	0.29	0.22	16
17	Health care	0.64	0.46	0.36	0.86	0.65	0.41	0.48	0.35	0.48	0.84	-0.19	0.87	0.25	0.04	0.60	0.28	0.16	0.25	0.52	17
18	Transportation services	0.09	0.08	0.07	0.00	0.11	0.12	0.04	0.10	0.08	0.05	0.11	0.16	-0.04	0.07	0.07	0.23	-0.02	-0.10	0.01	18
19	Recreation services	0.11	0.06	0.06	0.17	0.11	0.11	-0.01	0.26	-0.04	-0.10	0.15	0.19	0.08	0.01	-0.05	-0.05	0.05	0.11	-0.02	19
20	Food services and	0.19	0.10	0.03	0.26	0.10	0.31	0.07	0.15	0.06	0.16	0.05	-0.06	0.10	-0.05	0.04	-0.01	0.10	0.36	0.31	20
21	accommodations Financial services and insurance	0.19	-0.09	0.03	0.20	0.10	0.31	-0.13	0.00	-0.28	-0.19	0.05	-0.00	0.12	0.05	0.04	0.11	-0.06	-0.01	0.09	21
22	Other services	0.10	0.23	0.23	0.18	-0.10	0.15	0.13	0.00	0.48	0.22	0.25	0.02	0.24	0.33	-0.10	0.31	-0.06	0.21	0.25	22
23	Final consumption expenditures of	01.0	0.20	0120	0.10	0110	0110	0107	0.00	0110	O.LL	0.20	O.L.	0.2.	0.00	0110	0.0.	0.00	0.2.	0.20	
20	nonprofit institutions serving																				
	households	-0.07	0.07	-0.01	-0.21	-0.26	-0.04	0.17	0.19	-0.03	-0.05	0.31	-0.09	-0.07	-0.03	-0.11	0.07	0.25	0.31	0.11	23
24	Gross output of nonprofit	0.07	0.07	0.0.	0.21	0.20	0101	0117	0117	0100	0.00	0.0.	0107	0.07	0100	0111	0.07	0.20	0.0.	0111	
- 1	institutions	0.13	0.27	0.13	0.25	-0.02	-0.06	0.06	0.31	0.31	0.44	0.27	0.26	0.07	-0.19	0.25	0.08	0.09	0.44	0.35	24
25	Less: Receipts from sales of	0.13	0.27	0.15	0.23	0.02	0.00	0.00	0.01	0.01	0.11	0.27	0.20	0.07	0.17	0.20	0.00	0.07	0.11	0.55	27
23	goods and services by nonprofit																				
	institutions	0.21	0.20	0.14	0.46	0.24	-0.02	-0.11	0.12	0.35	0.49	-0.04	0.35	0.14	-0.16	0.36	0.00	-0.17	0.13	0.24	25
26	Gross private domestic investment	0.83	-0.24	0.81	-0.05	2.15	0.37	-0.22	-1.04	-0.31	-0.17	-0.07	1.30	0.80	0.95	1.47	0.14	1.61	-0.07	2.03	26
27	Fixed investment	0.57	0.29	0.81	0.72	-0.01	0.63	0.51	-0.33	0.31	0.46	0.52	0.28	1.60	0.72	0.44	1.04	1.34	1.10	-0.04	27
28	Nonresidential	0.24	0.06	0.68	0.26	-0.25	0.27	0.14	-0.53	-0.16	0.50	0.59	0.00	1.20	0.94	0.45	0.63	1.47	1.15	0.12	28
29	Structures	-0.10	-0.16	0.13	0.21	-0.31	0.05	-0.48	-0.70	-0.12	0.09	0.35	-0.04	0.36	0.11	-0.18	0.04	0.40	0.43	-0.26	29
30	Equipment	0.19	-0.09	0.35	-0.36	0.27	0.05	0.43	-0.27	-0.40	0.01	0.01	0.05	0.50	0.55	0.56	0.56	0.49	0.27	0.03	30
31	Information processing	0.10	0.00	0.00	0.11	0.00	0.10	0.00	0.00	0.10	0.10	0.17	0.14	0.00	0.07	0.00	0.10	0.00	0.00	0.07	0.1
32	equipment	0.13	0.08	0.22	0.11 -0.16	0.08	0.13	0.28	0.09	-0.12 -0.12	0.12	0.17	0.14	0.30	0.27	0.20	0.18	0.22	0.20	0.07	31
33	Industrial equipment Transportation equipment	0.00	-0.10	-0.06	-0.16	0.02	0.05	0.28		-0.12		-0.21	-0.17		-0.07	0.08	0.00	0.00		-0.14	33
34	Other equipment	-0.10	-0.06	0.11	-0.14	-0.23	-0.19	-0.06	-0.13	-0.04	-0.06	0.03	0.02	0.16	0.19	0.15	0.19	0.00	0.02	-0.02	34
35	Intellectual property products	0.15	0.31	0.20	0.41	-0.21	0.17	0.18	0.44	0.36	0.39	0.23	-0.02	0.33	0.28	0.08	0.03	0.58	0.45	0.35	35
36	Software	0.08	0.14	0.17	0.02	0.10	0.07	0.02	0.12	0.18	0.18	0.14	0.13	0.20	0.22	0.20	-0.05	0.31	0.22	0.23	36
37	Research and development	0.04	0.17	0.03	0.35	-0.34	0.07	0.14	0.31	0.18	0.23	0.07	-0.16	0.13	0.06	-0.12	0.06	0.27	0.22	0.10	37
38	Entertainment, literary, and																				
	artistic originals	0.03	0.01	0.01	0.04	0.03	0.03	0.03		-0.01	-0.01	0.03	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	38
39	Residential	0.33	0.23	0.13	0.45	0.24	0.35	0.37	0.20	0.47	-0.04	-0.06	0.28		-0.22	-0.02	0.41	-0.14	-0.05	-0.16	39
40	Change in private inventories	0.25	-0.53 -0.03	0.00	-0.77 -0.03	2.16 0.15	-0.25 -0.06	-0.73 -0.03	-0.70 -0.03	-0.62 -0.18	-0.62 0.16	-0.59 0.02	1.03	-0.80 -0.02	0.23	1. 04 0.02	-0.91 -0.01	0.27 -0.01	-1.17 0.00	2.07	40 41
42	Farm Nonfarm	0.03	-0.03	0.00	-0.03	2.02	-0.00	-0.03	-0.03	-0.16	-0.78	-0.62	1.14	-0.02	0.03	1.02	-0.89	0.28	-1.17	2.09	42
	Net exports of goods and services	-0.78	-0.30	-0.31		-1.58	-0.01			-0.36	0.29		-1.32		0.08		-0.89	-0.02		-1.78	43
44	Exports	0.08	-0.01	0.36	0.62	-0.56	0.48	-0.44	-0.28	-0.31	0.39	0.71	-0.44	0.59	0.44	0.42	0.79	0.43	1.12	-0.45	44
45	Goods	-0.03	0.03	0.26		-0.86		-0.39	-0.40	0.00	0.26		-0.24	0.33	0.33	0.17	0.83	0.26		-0.59	45
46	Services	0.10	-0.04	0.10	0.21	0.30	-0.06	-0.05		-0.31	0.13	0.13	-0.20	0.26	0.11	0.25	-0.04	0.18	0.07	0.15	46
47	Imports	-0.85	-0.28	-0.67	-1.70		-0.49			-0.06		-0.68			-0.36		-1.68	-0.45		-1.34	47
48	Goods	-0.74	-0.17 -0.11	-0.55 -0.12	-1.48	-0.99 -0.03	-0.44	-0.38 -0.23	0.17	0.06	-0.11	-0.47		-0.57		-0.29 -0.12	-1.62	-0.30 -0.15		-1.23 -0.11	48 49
	Services	-0.11	-0.11	-0.12	-0.22	-0.03	-0.05	-0.23	-0.10	-0.12	0.02	-0.21	-0.15	-0.12	-0.09	-0.12	-0.00	-0.13	0.04	-0.11	47
50	Government consumption expenditures and gross investment	0.33	0.25	-0.01	-0.07	0.40	0.70	0.33	0.12	በ ሉበ	-0.15	0.17	0.03	-0.13	0.01	-0.18	0.41	0.27	0.43	0.56	50
51	Federal Federal	0.00	0.23	0.05	-0.07	0.40	0.70	-0.04	0.12	0.00	-0.10	0.17	0.03	0.00	0.01	-0.16	0.41	0.27	0.43	0.30	51
52	National defense	-0.08	-0.02	0.03	-0.49	0.00	0.07	-0.16		-0.04	-0.13	0.11	-0.05	-0.01	0.10	-0.11	0.20	0.17	0.22	0.21	52
53	Consumption expenditures	-0.07	-0.01	-0.02	-0.48	0.11	-0.05	-0.11		-0.01	-0.07	0.11	-0.06	-0.10	0.07	-0.08	0.09	0.12	0.20	0.16	53
54	Gross investment	-0.01	-0.01	0.05	-0.01	-0.11	0.08	-0.05		-0.03	-0.06	0.00	0.01	0.09	0.14	-0.03	0.02	0.00	0.02	0.01	54
55	Nondefense	0.08	0.05	0.02	0.07	0.15	0.04	0.12	0.05	0.06	0.03	0.00	0.08		-0.05	0.03	0.15	0.06	0.01	0.04	55
56	Consumption expenditures	0.07	0.04	0.01	0.03	0.14	0.02	0.11	0.06	0.04	0.00	0.00	0.07		-0.07	0.04	0.11	0.08	0.00	0.01	56
57	Gross investment	0.02	0.01	0.01	0.04	0.00	0.02	0.01	0.00	0.02	0.02	0.00	0.01	0.01		-0.01	0.03	-0.03	0.01	0.03	57
58 59	State and local	0.34	0.22 0.18	-0.06 0.00	0.35 0.26	0.26 0.30	0.63	0.37	-0.03 0.19	0.58 0.21	-0.04 0.14	0.07 0.14	0.00	-0.13 -0.07		-0.10 -0.01	0.15 -0.01	0.10	0.20	0.35	58 59
60	Consumption expenditures Gross investment	0.23	0.16	-0.06	0.20	-0.05	0.30	0.27	-0.22	0.21	-0.18	-0.08	0.02	-0.07	-0.04	-0.01	0.16	0.02	0.00	0.12	60
	5.055 invodution	1		2.55				•			0				•		•			0	

Table 3. Gross Domestic Product: Level and Change From Preceding Period--Continues

Part	_	Tabl	e 3. Gro	ss Dom			_evel an	id Chan	ge Fron	n Prece	ding Per	iodCon	tinues	d-II				_
Part															Ch	ange fro	ım	
Consist Comment product (GDP) Substitution Su	Line		0047	Se	easonally a	djusted at	annual rat	es	0047	Se	easonally a	djusted at	annual rat	es		0		Line
Gress administer product (GOP) 79.866.9 1988.19 1988.18 200410 071 077 078 08891 1288.18			2017	20	17		2018		2017	20	17				•			
Second consemption expenditures 13,214 13,991 13,979 13,979 13,979 13,970 13,							_											
3	1	•				•												
5 Motor-whice and puris 1,000 1,411 1,467 1,4815 1,4831 1,4831 1,473 1,471 1,475 1,4815 1,4831 1,473 1,471 1,4									-									_
Monte vertices and parties Monte vertices Monte vert																		
Embrying and durable household explanered 3154 316.3 397.6 392.6 3		<u> </u>																_
Recrusional goods and services 381 382 325 324 331 3351 3304 3402 3388 373 375 3811 3802 327 57 6.9 6.9			470.2	477.7	310.4	470.5	304.0	313.0	307.2	300.4	320.3	310.7	310.0	323.3	20.7	0.0	4.7	J
Noncariable goods		ŭ	315.4	316.3	322.6	324.1	331.3	335.1	360.4	363.8	373.9	375.5	381.1	388.0	25.7	5.7	6.9	6
Non-funching poors 1,70% 2,758 2,886 2,832 2,830 2,907 3,907 3,827 2,836 2,886 2,937 2,938 3,938	7	Recreational goods and vehicles	378.1	379.9	386.3	388.5	392.6	401.4	476.2	478.4	492.2	500.6	512.0	527.2	43.8	11.4	15.2	7
Food and beverages purchased for for formises consumption 99.8 90.7 99.2 98.3 99.8 99.8 99.9 99.7 95.15 95.6 99.5 97.6 90.8 79.7 71.0 71		Other durable goods	214.7	217.3		223.4	230.2	229.8	239.9	243.9	247.8	249.9	259.4	261.8	13.8	9.5	2.4	8
For of performance consumption 96.8 67.9 98.2 98.3 98.0 10.08 98.0 98.7 98.5 98.6 96.2 97.4 92.2 6.6 94. 10		ů .	2,749.6	2,754.8	2,805.2	2,833.2	2,870.8	2,907.3	2,822.0	2,829.9	2,857.7	2,858.6	2,886.7	2,923.7	58.0	28.1	37.1	9
Clothing and fonoleward and shard carry goods 3070 3070 3070 3070 3070 3070 3070 307	10		0/50	0/70	000 (000.0	000.0	4 000 0	000.0	000.7	050.5	050 /	0/5.0	0747	00.0	, ,		40
Casonine and other energy groods 1,079 1,016 1	11																	_
Other monduralle goods		-																
February																		
Household consumption expenditures for services 2,711 2,724 2,725 2,		· · · · · · · · · · · · · · · · · · ·																
Housing and utilities 2 44718 2 4592 2 4926 2 5156 2 5496 2 5215 2 5296 2 1296 2 1314 2 1450 2 1451 1 1675 1 33 1 22 9 4 1 78 Heathcare 2271 2 2424 4 2218 1 34 1 24 0 1 34 1 18 1 19 Recreation services 4370 435 4523 4501 4491 453.6 417.6 417.6 417.6 417.6 426 3 427.2 422.4 422.8 13.4 4.8 0.4 18 19 Recreation services 6 418 543.3 543.6 549.0 555.6 538.6 4991 480.5 486.3 480.5 493.4 492.6 101 5.0 -0.8 19 19 Recreation services 6 418 543.3 543.6 549.0 555.6 538.6 4991 480.5 486.3 480.5 480.3 480.5 493.4 492.6 101 5.0 -0.8 19 19 Recreation services 6 418.8 543.3 543.6 549.0 555.6 538.6 4991 480.5 486.3 480.5 480.3 480.5 493.4 492.6 101 5.0 -0.8 19 19 Recreation services 6 418.8 543.3 543.6 5490.4 411.0 52 5 1.11.4 1.128.1 886.4 851.0 8551 652.7 852 657.7 10 0.5 5.3 52 10 1 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.6 5 1.0 10.0 1 10.0 10.0	15	Household consumption	,					·	·									
Health care 1,271,2 1,284,6 2,313,2 2,315,0 2,357,8 2,391,3 2,145,8 2,165,8 2,1667,2 2,173,2 2,188,9 2,2113,5 64,1 11,6 2,46 17,7 17,8 17,9		expenditures (for services)	8,761.9	8,791.9	8,924.9	8,992.5		9,233.9	7,842.2	7,855.0	7,904.9	7,915.2	7,963.5	8,024.8	164.9	48.4	61.2	15
Transportation services 4370 4355 4523 4591 4491 4536 417.6 417.4 428.3 427.4 422.4 422.4 422.4 422.6 420.4 420.5 42									·		,							
Prod services and insurance S418 S433 S436 S490 S556 S586 4891 4885 4863 4885 4934 4926 10.1 5.0 0.8 19											, .		,					
Food services and accommodations 897.3 898.8 904.6 914.2 940.9 940.3 795.3 795.8 795.2 799.5 815.2 829.0 4.8 157 138 20 21 Financial services and insurance 1,060.4 1,066.9 1,094.4 1,102.5 1,114.4 1,128.1 848.4 851.0 855.1 852.7 852.2 855.7 21.0 40.5 3.5 21 21.0 40.5 3.5 22 23 23 23 23 23 23 2		·																
			541.8	543.3	543.6	549.0	555.6	558.6	489.1	488.5	486.3	488.5	493.4	492.6	10.1	5.0	-0.8	19
Financial services and insurance	20		897 3	898 8	904 6	914 2	940 9	960.3	795.3	795.8	795 2	799 5	815.2	829 0	4.8	15.7	13.8	20
Other services 1,106.5 1,104.6 1,124.3 1,130.1 1,145.5 1,166.5 1,027.0 1,024.9 1,039.1 1,036.4 1,046.0 1,057.6 40.5 9,6 11.5 22	21																	
of nonprofil institutions serving households																		
Nouseholds 403.4 401.2 403.4 419.4 434.3 446.8 343.1 339.7 342.7 353.3 366.4 370.9 -2.4 13.1 4.5 23	23	Final consumption expenditures																
Gross output of nonprofit institutions									0.00		0.40 =	050.0		070.0				
Institutions 1,511.5 1,517.0 1,530.0 1,544.6 1,573.0 1,503.2 1,357.2 1,359.7 1,363.1 1,366.9 1,386.3 1,401.8 21.9 19.4 15.5 24	2.4		403.4	401.2	403.4	419.4	434.3	446.8	343.1	339.7	342.7	353.3	366.4	3/0.9	-2.4	13.1	4.5	23
Less: Receipts from sales of goods and services by nonprofit institutions 1,108.1 1,115.8 1,126.6 1,125.2 1,138.7 1,156.4 1,015.3 1,021.6 1,021.8 1,014.3 1,020.1 1,031.0 24,9 5.8 10.9 25 26 Gross private domestic investment 3,368.0 3,413.9 3,441.4 3,543.8 3,579.5 3,685.9 3,196.6 3,239.8 3,246.0 3,321.0 3,316.7 3,412.1 146.1 -4.3 95.4 26 27 Fixed investment 3,362.5 3,358.5 3,402.0 3,507.4 3,589.9 3,605.5 3,155.1 3,161.2 3,209.3 3,271.3 3,322.3 3,202.1 146.1 -4.3 95.4 26 28 Norresidential 2,587.9 2,607.0 2,642.6 2,727.0 3,2791.4 2,807.4 2,585.2 2,525.2 3,525.2 2,527.2 2,640.0 2,710.1 2,715.7 126.8 56.1 56.2 28 29 Structures 585.4 585.3 590.6 614.9 644.1 635.8 517.5 514.5 516.2 533.3 551.7 540.5 22.8 18.4 -11.2 29 30 Equipment 381.9 386.5 393.7 401.9 410.2 412.1 459.8 466.8 477.5 490.5 502.9 1502.9 1,264.9 1,266.2 67.6 140.0 1.3 30 1nformation processing equipment 231.3 234.6 238.5 243.9 243.4 250.6 228.6 231.6 231.6 231.6 238.5 236.6 242.4 14.2 -1.9 5.8 31 31 Information equipment 232.3 3 Transportation equipment 238.3 17 ansportation equipment 248.3 285.0 290.4 300.7 303.5 298.2 264.2 264.7 270.9 280.3 381.3 247.7 10.1 1.0 -6.6 33 34 Other equipment 252.9 256.8 266.4 266.1 271.7 272.7 241.0 244.4 253.0 252.8 257.0 256.0 20.0 4.1 -1.0 34 35 Intellectual property products 852.0 859.9 862.9 892.7 918.6 930.0 841.1 845.9 847.3 875.7 897.9 915.1 37.3 22.2 172.3 36 36 Software 37 Research and development 417.9 417.8 425.0 439.7 453.1 461.3 386.8 384.0 386.8 398.8 408.6 413.4 48.9 9.8 48.8 37 38 Entertainment, literary, and artistic originals 812.8 81.4 82.0 82.7 83.8 84.9 77.7 77.5 78.2 78.2 78.4 79.1 79.8 1.1 0.7 0.8 38 39 Residential 475.4 675.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 6.3 39 40 Change in private inventories 255. 55.4 275.3 60.7 9.6 639.2 -499.8 646.5 887.7 84.9 899.2 990.2 484.0 9.0 -0.1 0.5 -10.6 41.1 1.0 4.1 6.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	24	·	1 511 5	1 517 0	1 530 0	1 544 6	1 573 0	1 603 2	1 357 2	1 350 7	1 363 1	1 366 9	1 386 3	1 401 8	21 0	10 4	15.5	24
goods and services by nonprofile institutions	25		1,511.5	1,517.0	1,550.0	1,544.0	1,373.0	1,003.2	1,007.2	1,557.7	1,505.1	1,300.7	1,300.3	1,401.0	21.7	17.4	13.3	24
Institutions 1,108,1 1,115,8 1,126,6 1,125,2 1,138,7 1,156,4 1,015,3 1,021,6 1,021,8 1,014,3 1,020,1 1,031,0 24,9 5,8 10,9 25 25 25 25 25 25 25 2	20																	
Pixed investment 3,342.5 3,358.5 3,420.0 3,507.4 3,589.9 3,605.5 3,155.1 3,161.2 3,209.3 3,271.3 3,322.3 3,301.1 145.3 51.0 -2.2 2.2			1,108.1	1,115.8	1,126.6	1,125.2	1,138.7	1,156.4	1,015.3	1,021.6	1,021.8	1,014.3	1,020.1	1,031.0	24.9	5.8	10.9	25
Nonresidential Series Se		· ·							-					-				
Structures S85.4 S85.3 S90.6 614.9 644.1 635.8 S17.5 S14.5 S16.2 S33.3 S51.7 S40.5 22.8 18.4 -11.2 29.8 S17.5 S1				-,	-,					- 1	.,							
Equipment 1,150.4 1,162.8 1,189.1 1,212.6 1,228.8 1,233.6 1,183.7 1,197.1 1,225.6 1,250.9 1,264.9 1,264.2 67.6 14.0 1.3 30 1,160									·									
Information processing equipment 381.9 386.5 393.7 401.9 410.2 412.1 459.8 466.8 477.5 490.5 502.9 507.2 48.9 12.4 4.3 31 32.3 1.5 32.3 1.5 32.3 1.5 32.3 1.5 32.3 2.3																		
equipment 381-9 386.5 393.7 401.9 410.2 412.1 459.8 466.8 477.5 490.5 502.9 507.2 48.9 12.4 4.3 31 32 Industrial equipment 231.3 234.6 238.5 243.9 243.4 250.6 228.6 231.6 234.6 238.5 236.0 243.4 250.9 280.2 264.2 264.7 270.9 280.3 281.3 274.7 10.1 1.0 -6.8 33 34 Other equipment 252.9 256.8 266.4 266.1 271.7 272.7 241.0 244.4 253.0 252.8 257.0 256.0 20.0 4.1 1.0 -6.8 33 Intellectual property products 852.0 858.9 862.9 892.7 918.6 938.0 841.1 845.9 87.3 387.3 402.1 414.2 426.7 33.4 12.0 12.6 36 36 Software 352.9 359.7 355.9			1,130.4	1,102.0	1,107.1	1,212.0	1,220.0	1,233.0	1,103.7	1,177.1	1,223.0	1,230.7	1,204.7	1,200.2	07.0	14.0	1.5	30
Transportation equipment 284.3 285.0 290.4 300.7 303.5 298.2 264.2 264.7 270.9 280.3 281.3 274.7 -10.1 1.0 -6.6 33 34 Other equipment 252.9 256.8 266.4 266.1 271.7 272.7 241.0 244.4 253.0 252.8 257.0 256.0 20.0 4.1 -1.0 34 35 intellectual property products 852.0 858.9 862.9 892.7 918.6 938.0 841.1 845.9 847.3 875.7 897.9 915.1 37.3 22.2 17.2 35 36 Software 352.9 359.7 355.9 370.3 381.6 391.7 379.3 387.9 385.3 402.1 414.2 426.7 33.4 12.0 12.6 36 37 Research and development 417.9 417.8 425.0 439.7 453.1 461.3 386.8 384.0 386.8 398.8 408.6 413.4 4.8 9.8 4.8 37 Entertainment, literary, and artistic originals 81.2 81.4 82.0 82.7 83.8 84.9 77.7 77.5 78.2 78.4 791. 79.8 1.1 0.7 0.8 38 39 Residential 754.6 751.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 -6.3 39 40 Change in private inventories 25.5 55.4 21.5 36.3 -10.4 80.4 22.5 64.4 16.1 30.3 -36.8 76.3 -0.9 -67.2 113.1 40 41 Farm -5.0 -3.6 -4.2 -1.9 -1.5 -2.7 -5.9 -4.9 -6.2 -6.9 -6.4 -8.0 -0.1 0.5 -1.6 41 42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42 43 Net exports of goods and services -578.4 -557.3 -607.9 -639.2 2,474.4 2,568.7 -845.9 -899.2 -902.4 -841.0 -939.0 -72.5 61.4 -98.1 44 Exports Goods 1,535.9 1,536.7 1,598.8 1,628.1 1,706.4 1,674.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 56.5 -23.0 44 1mports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,112.7 3,308.7 3,302.0 3,395.1 3,420.1 3,415.2 3,400.2 14.4 -4.9 75.0 47 1mports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,112.7 3,308.7 3,302.0 3,395.1 3,420.1 3,415.2 3,400.2 14.4 -4.9 75.0 47 1mports 2,338.9 3.0 40.5 2,378.5	0.		381.9	386.5	393.7	401.9	410.2	412.1	459.8	466.8	477.5	490.5	502.9	507.2	48.9	12.4	4.3	31
34 Other equipment 252.9 256.8 266.4 266.1 271.7 272.7 241.0 244.4 253.0 252.8 257.0 256.0 20.0 4.1 -1.0 34 35 Intellectual property products 852.0 858.9 862.9 892.7 918.6 938.0 841.1 845.9 847.3 875.7 897.9 915.1 37.3 22.2 17.2 35 36 Software 352.9 359.7 355.9 370.3 381.6 391.7 379.3 385.3 402.1 414.2 426.7 33.4 12.0 12.6 36 37 Research and development 417.9 417.8 425.0 439.7 453.1 461.3 386.8 384.0 386.8 398.8 408.6 413.4 4.8 9.8 48.8 37 38 Entertainment, literary, and artistic originals 81.2 81.4 82.0 82.7 788.8 784.9 77.7 77.5 78.2 78.4		Industrial equipment	231.3	234.6	238.5	243.9		250.6		231.6			236.6	242.4	14.2		5.8	_
Second																		
Software 352.9 359.7 355.9 370.3 381.6 391.7 379.3 387.9 385.3 402.1 414.2 426.7 33.4 12.0 12.6 36 37 Research and development 417.9 417.8 425.0 439.7 453.1 461.3 386.8 384.0 386.8 388.0 408.6 413.4 4.8 9.8 4.8 37 Entertainment, literary, and artistic originals 81.2 81.4 82.0 82.7 83.8 84.9 77.7 77.5 78.2 78.4 79.1 79.8 1.1 0.7 0.8 38 39 Residential 754.6 751.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 -6.3 39 40 Change in private inventories 25.5 55.4 21.5 36.3 -10.4 80.4 22.5 64.4 16.1 30.3 -36.8 76.3 -0.9 -67.2 113.1 40 41 Farm 5.0 -5.0 -3.6 -4.2 -1.9 -1.5 -2.7 -5.9 -4.9 -6.2 -6.9 -6.4 -8.0 -0.1 0.5 -1.6 41 41 Resports of goods and services -578.4 -557.3 -607.9 -639.2 -549.8 -646.5 -858.7 -845.9 -899.2 -902.4 -841.0 -939.0 -72.5 61.4 -98.1 43 44 Exports 2,350.2 2,358.3 2,432.0 2,477.4 2,568.7 2,546.2 2,450.1 2,456.1 2,495.9 2,517.8 2,574.2 2,551.2 71.9 56.5 -23.0 44 5 Goods 2,378.5 2,388.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48																		_
Research and development Entertainment, literary, and artistic originals 81.2 81.4 82.0 82.7 83.8 84.9 77.7 77.5 78.2 78.4 79.1 79.8 1.1 0.7 0.8 38 39 Residential 754.6 751.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 -6.3 39 Change in private inventories 25.5 55.4 21.5 36.3 -10.4 80.4 22.5 64.4 16.1 30.3 -36.8 76.3 -0.9 -67.2 113.1 40 41 Farm -5.0 -3.6 -4.2 -1.9 -1.5 -2.7 -5.9 -4.9 -6.2 -6.9 -6.4 -8.0 -0.1 0.5 -1.6 41 42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42 44 Exports of goods and services -578.4 -557.3 -607.9 -639.2 -549.8 -646.5 -858.7 -845.9 -899.2 -902.4 -841.0 -939.0 -72.5 61.4 -98.1 43 44 Exports -500.5 1.53.9 1,536.7 1,598.8 1,628.1 1,706.4 1,674.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 54.6 56.3 -32.3 45 500ds 2,378.5 2,358.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48																		
81.2 81.4 82.0 82.7 83.8 84.9 77.7 77.5 78.2 78.4 79.1 79.8 1.1 0.7 0.8 38 88.9 Residential 754.6 751.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 -6.3 39 62.4 87.8 88.8 88.9 88.9 88.9 88.9 88.9 88.9																		_
artistic originals 81.2 81.4 82.0 82.7 83.8 84.9 77.7 77.5 78.2 78.4 79.1 79.8 1.1 0.7 0.8 38 39 Residential 754.6 751.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 -6.3 39 40 Change in private inventories 25.5 55.4 21.5 36.3 -10.4 80.4 22.5 64.4 16.1 30.3 -36.8 76.3 -0.9 -67.2 113.1 40 41 Farm -5.0 -3.6 -4.2 -1.9 -1.5 -2.7 -5.9 -4.9 -6.2 -6.9 -6.4 -8.0 -0.1 0.5 -1.6 41 42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42			417.7	417.0	423.0	437.7	433.1	401.3	300.0	304.0	300.0	370.0	400.0	413.4	4.0	7.0	4.0	31
39 Residential 754.6 751.5 777.4 787.2 798.5 798.1 611.1 604.5 620.7 615.3 613.2 607.0 19.8 -2.1 -6.3 39 40 Change in private inventories 25.5 55.4 21.5 36.3 -10.4 80.4 22.5 64.4 16.1 30.3 -36.8 76.3 -0.9 -67.2 113.1 40 41 Farm -5.0 -3.6 -4.2 -1.9 -1.5 -2.7 -5.9 -4.9 -6.2 -6.9 -6.4 -8.0 -0.1 0.5 -1.6 41 42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42 40 Net exports of goods and services -578.4 -557.3 -607.9 -639.2 -549.8 -646.5 -858.7 -845.9 -899.2 -902.4 -841.0	00		81.2	81.4	82.0	82.7	83.8	84.9	77.7	77.5	78.2	78.4	79.1	79.8	1.1	0.7	0.8	38
41 Farm -5.0 -3.6 -4.2 -1.9 -1.5 -2.7 -5.9 -4.9 -6.2 -6.9 -6.4 -8.0 -0.1 0.5 -1.6 41 42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42 43 Net exports of goods and services -578.4 -557.3 -607.9 -639.2 -549.8 -646.5 -858.7 -845.9 -899.2 -902.4 -841.0 -939.0 -72.5 61.4 -98.1 43 44 Exports 2,350.2 2,358.3 2,432.0 2,477.4 2,568.7 2,450.1 2,495.9 2,517.8 2,574.2 2,551.2 71.9 56.5 -33.0 44 45 Goods 1,535.9 1,536.7 1,598.8 1,628.1 1,706.4 1,674.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 <td>39</td> <td><u> </u></td> <td>754.6</td> <td>751.5</td> <td>777.4</td> <td>787.2</td> <td>798.5</td> <td>798.1</td> <td>611.1</td> <td>604.5</td> <td></td> <td></td> <td></td> <td>607.0</td> <td>19.8</td> <td></td> <td>-6.3</td> <td>39</td>	39	<u> </u>	754.6	751.5	777.4	787.2	798.5	798.1	611.1	604.5				607.0	19.8		-6.3	39
42 Nonfarm 30.5 59.0 25.7 38.2 -8.8 83.1 27.4 67.8 21.1 35.9 -31.0 81.4 -1.0 -66.9 112.3 42 43 Net exports of goods and services -578.4 -557.3 -607.9 -639.2 -549.8 -646.5 -888.7 -885.9 -899.2 -902.4 -841.0 -939.0 -72.5 61.4 -981.1 43 44 Exports 2,350.2 2,358.3 2,432.0 2,477.4 2,568.7 2,456.1 2,495.9 2,517.8 2,574.2 2,551.2 71.9 56.5 -33.0 4 45 Goods 1,535.9 1,536.7 1,598.8 1,628.1 1,706.4 1,674.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 54.6 56.3 -32.3 45 46 Services 814.3 821.6 833.2 849.3 862.4 872.2 753.4 760.8 759.0 760.9 769.8	40	Change in private inventories	25.5	55.4	21.5	36.3	-10.4	80.4	22.5	64.4	16.1	30.3	-36.8	76.3	-0.9		113.1	40
43 Net exports of goods and services -578.4 -557.3 -607.9 -639.2 -549.8 -646.5 -858.7 -845.9 -899.2 -902.4 -841.0 -939.0 -72.5 61.4 -98.1 43 44 Exports 2,350.2 2,358.3 2,432.0 2,477.4 2,568.7 2,546.2 2,450.1 2,456.1 2,495.9 2,517.8 2,574.2 2,551.2 71.9 56.5 -23.0 44 45 Goods 1,535.9 1,536.7 1,598.8 1,628.1 1,706.4 1,674.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 54.6 56.5 -32.0 44 46 Services 814.3 821.6 833.2 849.3 862.4 872.2 753.4 760.8 759.0 766.9 769.8 776.5 18.1 3.0 6.7 46 47 Imports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,192.7 3,308.7 3,302.0																		
44 Exports 2,350.2 2,358.3 2,432.0 2,477.4 2,568.7 2,546.2 2,456.1 2,495.9 2,517.8 2,574.2 2,551.2 71.9 56.5 -23.0 44 45 Goods 1,535.9 1,536.7 1,598.8 1,628.1 1,706.4 1,674.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 54.6 56.3 -32.3 45 46 Services 814.3 821.6 833.2 849.3 862.4 872.2 753.4 760.8 759.0 769.8 776.5 18.1 3.0 67. 46 47 Imports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,192.7 3,308.7 3,302.0 3,395.1 3,420.1 3,415.2 3,490.2 14.4 -4.9 75.0 47 48 Goods 2,378.5 2,358.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48																		
45 Goods 1,535.9 1,536.7 1,598.8 1,628.1 1,706.4 1,697.0 1,697.3 1,694.8 1,739.2 1,753.0 1,809.2 1,776.9 54.6 56.3 -32.3 45 46 Services 814.3 821.6 833.2 849.3 862.4 872.2 753.4 760.8 759.0 766.9 769.8 776.5 18.1 3.0 6.7 46 47 Imports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,192.7 3,308.7 3,302.0 3,395.1 3,420.1 3,415.2 3,490.2 144.4 -4.9 75.0 47 48 Goods 2,378.5 2,358.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48																		
46 Services 814.3 821.6 833.2 849.3 862.4 872.2 753.4 760.8 759.0 766.9 769.8 776.5 18.1 3.0 6.7 46 47 Imports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,192.7 3,308.7 3,302.0 3,395.1 3,420.1 3,415.2 3,490.2 144.4 -4.9 75.0 47 48 Goods 2,378.5 2,358.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48		•							-									_
47 Imports 2,928.6 2,915.5 3,039.9 3,116.6 3,118.5 3,192.7 3,308.7 3,302.0 3,395.1 3,420.1 3,415.2 3,490.2 144.4 -4.9 75.0 47 48 Goods 2,378.5 2,358.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48																		
48 Goods 2,378.5 2,358.9 2,474.6 2,537.1 2,536.5 2,603.5 2,773.5 2,762.6 2,855.6 2,872.7 2,870.0 2,941.3 122.1 -2.7 71.3 48																		_
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																		49

^{1.} Real gross domestic income is gross domestic income deflated by the implicit price deflator for gross domestic product.

Note. Users are cautioned that particularly for components that exhibit rapid change in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series. For accurate estimates of the contributions to percent changes in real gross domestic product, use table 2. Source: U.S. Bureau of Economic Analysis

Table 3. Gross Domestic Product: Level and Change From Preceding Period--Table Ends

	Tab	le 3. Gro	SS Dom	estic Pr	oduct: L	evel an	d Chang	ge From	Precedi								
				Billions of	of dollars					Billio	ns of chair	ed (2012)	dollars				
			Se	asonally a	djusted at	annual rat	es		Se	asonally a	djusted at	annual rat	es		ange fro		
Line		2017		,	ajuotou ut			2017		,	ajuotou ut			prece	eding pe		Line
			20		01	2018	00		20	• •	01	2018	00	2017	20		
	C		Q3	Q4	Q1	Q2	Q3		Q3	Q4	Q1	Q2	Q3		Q2	Q3	<u> </u>
50	Government consumption	2 274 4	3.372.3	2 410 1	2.457.0	2 50/ /	2 552 2	2 120 4	2 121 0	2 1 4 0 2	2 152 2	2 171 0	2 107 5	-2.1	19.6	25.7	50
51	expenditures and gross investment Federal	3,374.4	-,-	3,419.1	3,456.8	3,506.6		3,130.4	3,121.8 1,193.2	3,140.2				-2.1 8.6	10.9	10.1	
-	National defense	1,265.2	1,263.8	1,280.6	1,294.8	1,313.0	1,328.8	1,196.4	, , , ,	1,205.2	1,213.1	1,224.0					51
52		743.9	743.1	750.7	759.0	772.6	783.6	713.8	712.3	717.5	722.8	733.3	741.7	4.6	10.5	8.3	52
53	Consumption expenditures	594.0	592.3	598.5	606.6	618.4	627.9	566.9	564.7	568.9	574.4	583.7	591.3	-3.7	9.3	7.6	53
54	Gross investment	149.9	150.8	152.3	152.4	154.2	155.7	147.0	147.8	148.7	148.6	149.8	150.4	8.5	1.2	0.7	54
55	Nondefense	521.3	520.7	529.8	535.8	540.4	545.2	481.9	480.3	487.0	489.5	490.1	492.0	3.9	0.6	1.9	55
56	Consumption expenditures	392.8	392.4	399.5	406.0	409.5	412.2	358.6	357.5	362.6	366.3	366.4	366.9	2.0	0.2	0.5	56
57	Gross investment	128.5	128.3	130.4	129.8	131.0	133.1	123.3	122.8	124.4	123.2	123.6	125.0	1.9	0.4	1.4	57
58	State and local	2,109.2	2,108.5	2,138.5	2,162.0	2,193.5	2,223.6	1,932.3	1,926.9	1,933.5	1,937.7	1,946.6		-10.5	8.8	15.6	58
59	Consumption expenditures	1,744.5	1,747.5	1,768.0	1,784.4	1,803.1	1,818.8	1,595.4	1,594.9	1,594.5	1,595.3	1,597.9		-0.8	2.5	5.3	59
60	Gross investment	364.8	361.1	370.5	377.6	390.5	404.7	336.8	331.9	339.0	342.4	348.7	359.1	-9.7	6.3	10.3	60
61	Residual							-1.4	-13.6	-5.1	-10.3	-19.5	-28.9				61
	Addenda:																
62	Gross domestic income (GDI) ¹	19,628.6	19,702.5	19,908.5	20,201.0	20,448.4		18,183.3	18,226.7	18,294.2	18,470.2	18,544.6		404.3	74.4		62
63	Average of GDP and GDI	19,557.0	19,645.3	19,870.2	20,121.0	20,430.1		18,117.0	18,173.8	18,259.0	18,397.1	18,528.1		397.9	131.0		63
64	Final sales of domestic product	19,459.9	19,532.7	19,810.4	20,004.7	20,422.3	20,578.6	18,008.7	18,042.6	18,186.5	18,274.4	18,515.9	18,580.6	391.1	241.6	64.7	64
65	Gross domestic purchases	20,063.8	20,145.3	20,439.7	20,680.2	20,961.7	21,305.5	18,881.0	18,941.2	19,087.4	19,190.2	19,324.8	19,571.7	453.0	134.6	246.9	65
66	Final sales to domestic purchasers	20,038.3	20,089.9	20,418.3	20,643.9	20,972.1	21,225.1	18,839.8	18,863.3	19,051.0	19,141.3	19,330.8	19,480.8	452.6	189.5	149.9	66
67	Final sales to private domestic																
	purchasers	16,663.9	16,717.6	16,999.2	17,187.0	17,465.5	17,672.8	15,713.5	15,745.8	15,915.4	15,993.7	16,163.9	16,288.2	455.8	170.2	124.3	67
68	Gross domestic product	19,485.4	19,588.1	19,831.8	20,041.0	20,411.9	20,659.0	18,050.7	18,120.8	18,223.8	18,324.0	18,511.6	18,671.5	391.5	187.6	159.9	68
69	Plus: Income receipts from the rest																
	of the world	957.1	979.6	1,024.5	1,063.2	1,078.6		900.8	920.7	957.2	989.6	998.1		77.2	8.5		69
70	Less: Income payments to the rest																
	of the world	713.4	724.6	753.7	794.4			667.5	677.2	699.6	731.3			52.0			70
71	Equals: Gross national product	19,729.1			20,309.8			18,284.0						416.3	184.9		71
72	Net domestic product	16,369.2	16,453.3	16,667.9	16,837.6	17,158.1	17,362.7	15,092.0	15,150.1	15,230.7	15,309.0	15,472.0	15,607.4	301.9	163.0	135.3	72

 $^{1. \} Real\ gross\ domestic\ income\ deflated\ by\ the\ implicit\ price\ deflator\ for\ gross\ domestic\ product.$

Note. Users are cautioned that particularly for components that exhibit rapid change in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series. For accurate estimates of the contributions to percent changes in real gross domestic product, use table 2.

Source: U.S. Bureau of Economic Analysis

Table 4. Price Indexes for Gross Domestic Product and Related Measures: Percent Change From Preceding Period

Personal consumption expenditures 0.3		Table 4. Price Indexe	5 101 (055	וווטע	esile i	riouu	ct and	i Kela	tea M					_		ecea	nig Pe	HOU			
Fixed Interesting product (GDP)			0045	001/	0047						Sea	,		at an	nuai rate							l
Street departs product (GDP)	Line		2015	2016	2017		0.1	-			0.1				0.1				0.1	-		Line
Personal consumption expenditures 0.3		Over a demonstrative and total (ODD)	1.0	11	1.0																	1
Second S																						1
Durable goods		· ·																				2
Services																						3
6 Services private domestic investment 0,7 00 15 17, 01 03 03 04 06 16 17 0.6 21 10 20 19 13 25 3.1 20 2 18 Fixed investment 0,7 00 15 17 1.0 1.0 30 3 0.6 0.6 1.8 17 0.6 21 10 20 19 13 25 3.1 20 2 19 Norresidential 0.5 0.8 0.7 1.1 0,9 0.3 0.3 1.4 22 0.5 0.6 1.3 15 0.7 11 0.6 1.0 1.3 0.7 0.7 2.0 15 3.2 2.0 19 Norresidential 0.5 0.8 0.7 1.1 0,9 0.3 0.3 1.4 22 0.5 0.7 1.0 0.6 1.0 1.3 0.7 0.7 2.0 15 1.3 11 11 Equipment 1.0 5 1.0 1.0 1.3 0.7 0.7 2.0 15 1.3 11 12 12 Intellectual property products 0.8 1.3 1.1 0.6 0.0 0.3 0.9 1.5 1.4 1.0 0.6 0.0 0.3 0.5 1.2 0.3 0.3 0.5 0.5 0.3 0.8 1.2 11 12 Intellectual property products 0.8 1.3 1.1 0.4 0.4 35 1.3 1.0 1.2 4 4.1 0.0 0.6 0.5 1.2 0.3 0.3 0.5 0.5 0.3 0.8 1.2 11 12 Intellectual property products 0.8 1.3 1.1 0.4 0.4 35 1.3 1.0 1.2 4 4.1 0.0 0.6 0.5 1.2 0.3 0.3 0.5 1.2 0.4 1.0 0.8 1.2 11 12 Intellectual property products 0.8 1.3 1.1 0.4 0.4 35 1.3 1.0 1.2 4 4.1 0.0 0.6 0.5 1.0 2.0 1.2 0.4 1.0 0.8 1.2 12 11 11 0.0 1.0 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0																					-	4
Final Process private domestic investment 0.7		· ·			-																	5
Ref Fixed investment																						6
Nonresidential					-																	
Structures			-		-																	8
Equipment																						
Intellectual property products 0.8																						
Residential Residential Privale inventories																						
14 Change in private inventories																						
15 Net exports of goods and services				3.0		0.7	2.5	2.0	3.5			5.4	0.0	5.1	3.0	5. I	4.5	3. I	8.8	1.3	4.0	
Exports -5.0 -2.0 2.9 -7.2 -9.7 -0.8 -4.1 -6.1 -5.7 -4.2 2.3 2.5 3.8 0.3 3.8 6.1 4.0 5.8 0.1 10 10 10 10 10 10 1																						
17		-		2.0		7.2	0.7	0.0							າ ດ		2.0		4.0	E 0	0.1	-
Services		'																				
Imports																						
Goods																						
Services			-		-																	
Covernment consumption expenditures and gross investment																						
expenditures and gross investment 0.3 0.3 2.6 0.2 2.2 2.2 0.6 1.1 2.2 2.8 1.7 2.5 3.7 1.6 2.5 3.2 2.9 3.3 2.0 2.2 2.8 2.5		11 111	-1.0	-0.0	1.9	-Z. I	-4.2	0.4	-2.3	-2.3	-0.2	1.4	-0.3	-0.1	1.1	3.0	3.4	4.3	4.0	3.3	1.2	
Federal 0.6 0.5 1.9 0.5 0.5 1.1 0.8 0.6 1.2 2.2 1.8 2.2 2.7 1.3 1.2 1.3 1.8 2.0 1.5 2.2 1.4 National defense 0.3 0.3 1.6 0.1 0.7 0.9 0.7 0.9 0.7 0.9 1.6 2.1 1.7 1.8 2.3 0.9 1.0 1.2 1.4 1.3 1.1 2.2 Nondefense 1.0 0.9 2.4 1.3 0.2 1.4 0.8 0.2 0.7 2.5 2.0 2.9 3.4 2.0 1.5 1.4 2.4 3.0 2.0 2.5 State and local National defense 0.1 0.1 0.2 3.0 0.0 0.3 2.2 2.9 0.4 1.3 0.2 0.1 1.7 2.7 4.3 1.7 3.4 4.4 3.6 4.1 2.3 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	22		0.3	0.3	2.6	0.2	-22	2.2	0.6	-1.1	-2.2	2.8	1.7	2.5	3.7	1.6	2.5	3.2	2.9	3.3	2.0	22
National defense	23	, ,																			-	
Nondefense 1.0 0.9 2.4 1.3 -0.2 1.4 0.8 -0.2 -0.7 2.5 2.0 2.9 3.4 2.0 1.5 1.4 2.4 3.0 2.0 2.5																						24
State and local Addenda: 27 Final sales of domestic product 1.1 1.1 1.9 0.3 0.0 2.5 1.2 0.2 -0.1 2.7 1.4 2.2 2.0 1.2 2.2 2.5 2.0 3.1 1.7 2.7 2.8 Gross domestic purchases 0.3 0.8 1.9 0.0 -1.5 1.6 0.9 0.4 -0.5 2.3 1.5 2.1 2.2 1.1 1.8 2.6 2.5 2.4 1.7 2.8 Gross domestic purchases 0.4 0.8 1.9 0.1 -1.3 1.7 1.0 -0.4 -0.5 2.3 1.5 2.1 2.2 1.1 1.8 2.6 2.5 2.4 1.7 2.8 Final sales to forward domestic purchasers 0.4 0.9 1.7 -0.1 -1.2 1.6 1.1 -0.3 -0.1 2.2 1.5 1.9 1.9 1.0 1.7 2.4 2.5 2.2 1.7 3.0 Gross national product (GNP) 1.0 1.1 1.9 0.4 -0.3 2.4 1.2 0.1 -0.2 2.7 1.4 2.3 1.9 1.0 1.7 2.4 2.5 2.2 1.7 3.0 Gross domestic purchases excluding food and energy 1.3 1.4 1.9 1.1 0.4 1.9 1.1 0.4 1.9 1.4 0.5 0.6 2.3 2.0 2.1 2.2 1.3 1.8 2.4 2.4 2.9 1.8 3.3 Gross domestic purchases excluding food and energy 1.3 1.3 1.7 1.6 1.1 0.7 1.8 1.5 1.1 0.4 0.4 2.1 1.7 1.8 1.9 1.5 1.7 2.1 2.4 2.5 1.7 3.3 Market-based PCE excluding food and energy 1.3 1.3 1.4 1.3 0.8 0.5 1.6 1.3 1.0 0.3 0.3 0.3 0.3 0.0 0.3 0.3 0.3 0.4 0.5 0.3 0.3 0.3 0.0 0.0 0.3 0.3 0.3 0.0 0.0																						
Addenda: 27 Final sales of domestic product 1.1 1.1 1.9 0.3 0.0 2.5 1.2 0.2 -0.1 2.7 1.4 2.2 2.0 1.2 2.2 2.5 2.0 3.1 1.7 2.5 2.5 2.2 1.7 3.5 2.5 2.0 3.1 1.7 2.5 2.5 2.2 1.7 3.5 2.5 2.0 3.1 1.7 2.5 2.5 2.2 1.7 3.5 2.5 2.0 3.1 1.7 2.5 2.5 2.0 3.1 1.7 2.5 2.5 2.0 3.1 1.7 2.5 2.5 2.0 3.1 1.7 2.5 2.5 2.2 1.7 3.5 2.5 2.0 3.1 1.7 2.5 2.5 2.2 1.7 3.5 2.5 2.0 3.1 1.7 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5																						26
Final sales of domestic product 1.1 1.1 1.9 0.3 0.0 2.5 1.2 0.2 -0.1 2.7 1.4 2.2 2.0 1.2 2.2 2.5 2.0 3.1 1.7 2.2 8 Gross domestic purchases 0.3 0.8 1.9 0.0 -1.5 1.6 0.9 -0.4 -0.5 2.3 1.5 2.1 2.2 1.1 1.8 2.6 2.5 2.4 1.7 2.5 9 Final sales to domestic purchasers 0.4 0.8 1.9 -0.1 -1.3 1.7 1.0 -0.4 -0.5 2.3 1.6 2.0 2.2 1.1 1.8 2.6 2.5 2.4 1.7 2.5 9 Final sales to private domestic purchasers 0.4 0.8 1.9 -0.1 -1.2 1.6 1.1 -0.3 -0.1 2.2 1.5 1.9 1.9 1.0 1.7 2.4 2.5 2.5 2.2 1.7 3.0 9 Final sales to private domestic purchasers 0.4 0.8 1.9 -0.1 -1.2 1.6 1.1 -0.3 -0.1 2.2 1.5 1.9 1.9 1.0 1.7 2.4 2.5 2.2 2.5 1.9 3.0	20		0.1	0.2	3.0	0.0	5.2	2.7	0.7	1.5	2.7	5.1	1.7	2.1	4.5	1.7	5.7	7.7	5.0	7.1	2.0	1
Gross domestic purchases 0.3 0.8 1.9 0.0 -1.5 1.6 0.9 -0.4 -0.5 2.3 1.5 2.1 2.2 1.1 1.8 2.6 2.5 2.4 1.7 2.5 1.	27		11	11	19	0.3	0.0	25	12	0.2	-0.1	27	1 4	22	2.0	12	22	25	2.0	3.1	17	27
Final sales to domestic purchasers 0.4 0.8 1.9 0.1 -1.3 1.7 1.0 -0.4 -0.5 2.3 1.6 2.0 2.2 1.1 1.8 2.6 2.5 2.4 1.7 2.6 30 Final sales to private domestic purchasers 0.4 0.9 1.7 -0.1 -1.2 1.6 1.1 0.4 -0.3 2.4 1.2 0.1 -0.2 2.7 1.4 2.3 1.9 1.9 1.0 1.7 2.4 2.5 2.2 2.5 1.9 3.0 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1																						28
Final sales to private domestic purchasers Out of the purchaser of		•																				29
purchasers			0.1	0.0		011	110		110	0.1	0.0	2.0	110	2.0			110	2.0	2.0		,	
32 GDP excluding food and energy¹ 1.3 1.4 1.9 1.1 0.4 1.9 1.4 0.5 0.6 2.3 2.0 2.1 2.2 1.3 1.8 2.4 2.4 2.9 1.8 3.3 Gross domestic purchases excluding food and energy¹ 1.0 1.1 1.8 1.0 0.1 1.5 1.1 0.4 0.4 2.1 1.7 1.8 1.9 1.5 1.7 2.1 2.4 2.5 1.7 3.3 4 PCE excluding food and energy¹ 1.3 1.7 1.6 1.1 0.7 1.8 1.5 1.0 1.7 2.1 2.0 1.5 1.6 1.3 1.4 2.1 2.2 2.1 1.6 3.4 Market-based PCE² -0.1 0.8 1.5 -0.9 -2.3 1.8 1.0 -0.3 -0.3 2.0 1.4 1.7 2.1 0.0 1.4 2.5 2.3 2.0 1.2 3.5 Implicit price deflators: 37 GDP 1.1 1.1 1.9 0.8 -0.3 2.3 1.5 0.1 -0.3 2.8 1.5 2.1 2.1 1.1 1.9 2.7 2.0 3.3 1.4 3.3 3.8 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5			0.4	0.9	1.7	-0.1	-1.2	1.6	1.1	-0.3	-0.1	2.2	1.5	1.9	1.9	1.0	1.7	2.4	2.5	2.2	1.7	30
32 GDP excluding food and energy¹ 1.3 1.4 1.9 1.1 0.4 1.9 1.1 0.4 0.5 0.6 2.3 2.0 2.1 2.2 1.3 1.8 2.4 2.4 2.9 1.8 32 33 Gross domestic purchases excluding food and energy¹ 1.0 1.1 1.8 1.0 0.1 1.5 1.1 0.4 0.4 2.1 1.7 1.8 1.9 1.5 1.7 2.1 2.4 2.5 1.7 3.3 4 PCE excluding food and energy¹ 1.3 1.7 1.6 1.1 0.7 1.8 1.5 1.0 1.7 2.1 2.0 1.5 1.6 1.3 1.4 2.1 2.2 2.1 1.6 34 35 Market-based PCE² -0.1 0.8 1.5 -0.9 -2.3 1.8 1.0 -0.3 -0.3 2.0 1.4 1.7 2.1 0.0 1.4 2.5 2.3 2.0 1.2 35 Market-based PCE excluding food and energy¹ 1.1 1.1 1.4 1.3 0.8 0.5 1.6 1.3 1.0 1.4 1.6 1.7 1.1 1.5 0.5 1.1 1.7 2.0 2.2 2.1 2.3 2.0 1.2 35 Implicit price deflators: 37 GDP 1.1 1.1 1.1 1.9 0.8 -0.3 2.3 1.5 0.1 -0.3 2.8 1.5 2.1 2.1 1.1 1.9 2.7 2.0 3.3 1.4 3.3 38 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 36	31	Gross national product (GNP)	1.0	1.1	1.9	0.4	-0.3	2.4	1.2	0.1	-0.2	2.7	1.4	2.3	1.9	1.2	2.2	2.5	1.9	3.0		31
Gross domestic purchases excluding food and energy 1 1.0 1.1 1.8 1.0 0.1 1.5 1.1 0.4 0.4 2.1 1.7 1.8 1.9 1.5 1.7 2.1 2.4 2.5 1.7 3.3 4 PCE excluding food and energy 1 1.3 1.7 1.6 1.1 0.7 1.8 1.5 1.0 1.7 2.1 2.0 1.5 1.6 1.3 1.4 2.1 2.2 2.1 1.6 3.4 Market-based PCE excluding food and energy 1 1.1 1.4 1.3 0.8 0.5 1.6 1.3 1.0 1.4 1.6 1.7 1.1 1.5 0.5 1.1 1.7 2.1 2.0 2.2 1.2 1.6 3.4 Implicit price deflators: 37 GDP 1.1 1.1 1.9 0.8 1.8 0.4 -1.6 1.5 1.5 1.5 0.1 -0.3 2.8 1.5 2.1 2.1 1.1 1.9 2.7 2.0 3.3 1.4 3.3 3.5 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 3.5 1.7 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	32		1.3	1.4	1.9	1.1	0.4	1.9	1.4	0.5	0.6	2.3	2.0	2.1	2.2	1.3	1.8	2.4	2.4	2.9	1.8	32
34 PCE excluding food and energy ¹ 1.3 1.7 1.6 1.1 0.7 1.8 1.5 1.0 1.7 2.1 2.0 1.5 1.6 1.3 1.4 2.1 2.2 2.1 1.6 34 35 Market-based PCE 2 -0.1 0.8 1.5 -0.9 -2.3 1.8 1.0 -0.3 -0.3 2.0 1.4 1.7 2.1 0.0 1.4 2.5 2.3 2.0 1.2 38 36 Market-based PCE excluding food and energy ¹² 1.1 1.4 1.3 0.8 0.5 1.6 1.3 1.0 1.4 1.6 1.7 1.1 1.5 0.5 1.1 1.7 2.0 2.2 1.2 38 37 GDP 1.1 1.1 1.9 0.8 -0.3 2.3 1.5 0.1 -0.3 2.8 1.5 2.1 2.1 1.1 1.9 2.7 2.0 3.3 1.4 3.3 38 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 38	33																					
35 Market-based PCE ²		food and energy ¹	1.0	1.1	1.8	1.0	0.1	1.5	1.1	0.4	0.4	2.1	1.7	1.8	1.9	1.5	1.7	2.1	2.4	2.5	1.7	33
35 Market-based PCE ² -0.1 0.8 1.5 -0.9 -2.3 1.8 1.0 -0.3 -0.3 2.0 1.4 1.7 2.1 0.0 1.4 2.5 2.3 2.0 1.2 38 36 Market-based PCE excluding food and energy ^{1,2} 1.1 1.4 1.3 0.8 0.5 1.6 1.3 1.0 1.4 1.6 1.7 1.1 1.5 0.5 1.1 1.7 2.0 2.2 1.2 38 37 GDP 1.1 1.1 1.9 0.8 -0.3 2.3 1.5 0.1 -0.3 2.8 1.5 2.1 2.1 1.1 1.9 2.7 2.0 3.3 1.4 3.3 38 38 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 38	34	PCE excluding food and energy ¹	1.3	1.7	1.6	1.1	0.7	1.8	1.5	1.0	1.7	2.1	2.0	1.5	1.6	1.3	1.4	2.1	2.2	2.1	1.6	34
energy ^{1,2}	35		-0.1	0.8	1.5	-0.9	-2.3	1.8	1.0	-0.3	-0.3	2.0	1.4	1.7	2.1	0.0	1.4	2.5	2.3	2.0	1.2	35
Implicit price deflators:	36	Market-based PCE excluding food and																				
37 GDP 1.1 1.1 1.9 0.8 -0.3 2.3 1.5 0.1 -0.3 2.8 1.5 2.1 2.1 1.1 1.9 2.7 2.0 3.3 1.4 3.3 38 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 38		energy ^{1,2}	1.1	1.4	1.3	0.8	0.5	1.6	1.3	1.0	1.4	1.6	1.7	1.1	1.5	0.5	1.1	1.7	2.0	2.2	1.2	36
38 Gross domestic purchases 0.4 0.8 1.8 0.4 -1.6 1.5 1.2 -0.4 -0.6 2.4 1.6 1.9 2.3 1.1 1.6 2.8 2.6 2.6 1.4 38		Implicit price deflators:																				I
	37	GDP	1.1	1.1	1.9	0.8	-0.3	2.3	1.5	0.1	-0.3	2.8	1.5	2.1	2.1	1.1	1.9	2.7	2.0	3.3	1.4	37
·	38	Gross domestic purchases	0.4	0.8	1.8	0.4	-1.6	1.5	1.2	-0.4	-0.6	2.4	1.6	1.9	2.3	1.1	1.6	2.8	2.6	2.6	1.4	38
39 GNP 1.0 1.1 1.9 0.8 -0.4 2.3 1.5 0.1 -0.3 2.8 1.5 2.1 2.0 1.1 1.9 2.7 1.9 3.3	39		1.0	1.1	1.9	0.8	-0.4	2.3	1.5	0.1	-0.3	2.8	1.5	2.1	2.0	1.1	1.9	2.7	1.9	3.3		39

 $^{1.} Food \ excludes \ personal \ consumption \ expenditures \ for \ purchased \ meals \ and \ beverages, \ which \ are \ classified \ in \ food \ services.$

Source: U.S. Bureau of Economic Analysis

^{2.} This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Table 5. Real Gross Domestic Product: Annual Percent Change

	Table	e 5. Re	ai Gro	SS DC	mesti	c Pro	auct:	Annu	ai Per									
										Perce	nt char	nge fro			er to fo	urth qu	arter	1
Line					inge fro								one ye					Line
		2010	2011	2012	2013	2014	2015	2016	2017	2010	2011	2012	2013	2014	2015	2016	2017	
1	Gross domestic product (GDP)	2.6	1.6	2.2	1.8	2.5	2.9	1.6	2.2	2.6	1.6	1.5	2.6	2.7	2.0	1.9	2.5	1
2	Personal consumption expenditures (PCE)	1.7	1.9	1.5	1.5	2.9	3.7	2.7	2.5	2.7	1.2	1.6	1.9	3.8	3.0	2.8	2.7	2
3	Goods	2.8	2.2	2.1	3.1	4.0	4.7	3.6	3.7	4.3	0.9	2.4	3.5	5.0	4.0	3.6	4.6	3
4	Durable goods	5.6	5.1	6.0	6.1	7.2	7.6	5.5	6.8	9.0	3.5	6.3	5.0	9.2	6.0	6.8	7.7	4
5	Nondurable goods	1.6	0.9	0.4	1.8	2.6	3.4	2.7	2.1	2.2	-0.2	0.7	2.8	3.0	3.0	2.0	3.0	5
6	Services	1.2	1.7	1.2	0.6	2.4	3.2	2.3	2.0	1.9	1.4	1.2	1.1	3.2	2.6	2.4	1.8	6
7	Gross private domestic investment	14.1	6.6	11.0	6.9	5.4	4.8	-1.3	4.8	12.1	10.4	4.0	9.3	4.7	1.7	1.1	5.0	7
8	Fixed investment	3.1	7.1	10.0	5.6	6.3	3.4	1.7	4.8	6.1	9.2	7.2	5.7	6.6	1.2	2.4	5.7	8
9	Nonresidential	4.5	8.7	9.5	4.1	6.9	1.8	0.5	5.3	8.9	10.0	5.6	5.4	6.4	-0.7	1.8	6.3	9
10	Structures	-16.1	2.7	13.0	1.3	10.6	-3.0	-5.0	4.6	-3.6	8.6	4.0	6.7	8.8	-10.7	2.5	2.9	10
11	Equipment	20.2	13.4	11.0	4.7	6.7	3.1	-1.5	6.1	22.6	12.7	7.8	5.4	5.1	2.0	-1.4	9.6	11
12	Intellectual property products	2.7	6.2	5.0	5.4	4.3	3.7	7.5	4.6	1.6	7.2	3.7	4.5	6.4	3.5	5.8	4.2	12
13	Residential	-3.1	-0.1	13.0	12.4	3.9	10.1	6.5	3.3	-5.7	5.3	15.4	7.1	7.8	8.9	4.5	3.8	13
14	Change in private inventories																	14
15	Net exports of goods and services																	15
16	Exports	12.1	7.1	3.4	3.6	4.3	0.6	-0.1	3.0	9.9	4.6	2.1	6.0	3.0	-1.6	0.8	4.7	16
17	Goods	15.0	7.1	3.8	3.2	4.6	-0.3	0.3	3.3	11.1	5.5	1.4	7.1	2.8	-3.2	2.0	5.3	17
18	Services	6.3	7.3	2.4	4.5	3.6	2.4	-0.9	2.5	7.2	2.8	3.8	3.7	3.5	1.8	-1.5	3.6	18
19	Imports	13.1	5.6	2.7	1.5	5.1	5.5	1.9	4.6	12.0	3.8	0.6	3.0	6.7	3.4	3.1	5.4	19
20	Goods	15.4	6.1	2.6	1.8	5.6	5.8	1.4	4.6	13.9	3.9	0.5	3.4	7.2	3.2	2.8	5.9	20
21	Services	3.6	3.2	3.1	0.5	2.6	4.0	4.2	4.4	3.7	3.2	1.4	1.1	4.0	3.9	4.3	3.5	21
22		3.0	3.2	3.1	0.5	2.0	4.0	4.2	4.4	3.1	3.2	1.4	1.1	4.0	3.9	4.3	3.5	21
22	expenditures and gross investment	0.0	-3.1	-2.1	-2.4	-0.9	1.9	1.4	-0.1	-1.3	-3.4	-2.1	-2.4	0.2	2.2	0.9	0.1	22
23	Federal	4.1	-2.6	-1.9	-5.5	-2.6	0.0	0.4	0.7	1.9	-3.5	-2.6	-6.1	-1.2	1.2	0.7	1.3	23
24	National defense	2.9	-2.0	-3.4	-6.7	-4.2	-2.0	-0.6	0.7	1.3	-3.6	-4.7	-6.5	-3.6	-0.2	-0.7	1.3	24
25	Nondefense	6.2	-3.4	0.9	-3.5	-0.1	3.1	1.9	0.7	3.0	-3.2	1.2	-5.5	2.7	3.4	1.5	1.3	25
26	State and local	-2.7	-3.4	-2.2	-0.3	0.1	3.0	2.0	-0.5	-3.5	-3.2	-1.7	0.2	1.1	2.8	1.3	-0.5	26
20		-2.1	-3.3	-2.2	-0.3	U. I	3.0	2.0	-0.5	-3.3	-3.3	-1.7	0.2	1.1	2.0	1.4	-0.5	20
27	Addenda:	2.5	2.2	2.4	1 0	2.2	2 /	0.0	2.2	2.5	2.1	2.0	1 [4.0	1 /	1.0	2.2	27
27	Gross domestic income (GDI) ¹	3.5	2.3	3.4	1.3	3.2	2.6	0.8	2.3	3.5	2.1	2.9	1.5	4.0	1.4	1.2	2.3	27
28	Average of GDP and GDI	3.0	1.9	2.8	1.6	2.8	2.7	1.2	2.2	3.0	1.9	2.2	2.1	3.3	1.7	1.5	2.4	28
29	Final sales of domestic product	1.1	1.6	2.1	1.6	2.6	2.6	2.1	2.2	1.8	1.4	1.9	2.0	3.0	1.9	2.1	2.6	29
30	Gross domestic purchases	3.0	1.5	2.2	1.6	2.6	3.6	1.8	2.5	3.1	1.6	1.2	2.2	3.3	2.7	2.2	2.6	30
31	Final sales to domestic purchasers	1.6	1.6	2.0	1.3	2.8	3.3	2.3	2.5	2.3	1.4	1.7	1.7	3.6	2.6	2.4	2.8	31
32	Final sales to private domestic purchasers	2.0	2.8	3.0	2.2	3.6	3.7	2.5	3.0	3.3	2.6	2.6	2.6	4.3	2.7	2.7	3.3	32
33	Gross national product	2.9	1.8	2.2	1.8	2.5	2.8	1.5	2.3	2.8	1.9	1.2	2.6	2.6	2.0	1.9	2.6	33
34	Real disposable personal income	2.0	2.3	3.3	-1.3	4.0	4.1	1.7	2.6	3.5	1.6	4.9	-2.5	5.2	3.1	1.6	2.8	34
	Price indexes:																	
35	Gross domestic purchases	1.4	2.4	1.8	1.5	1.7	0.3	0.8	1.9	1.4	2.4	1.8	1.5	1.4	0.1	1.3	1.9	35
36	Gross domestic purchases excluding																	I
	food and energy ²	1.2	1.8	1.8	1.6	1.8	1.0	1.1	1.8	1.2	1.9	1.8	1.7	1.6	0.8	1.5	1.8	36
37	GDP	1.2	2.1	1.9	1.8	1.9	1.0	1.1	1.9	1.6	2.0	2.1	1.8	1.6	0.9	1.5	2.0	37
38	GDP excluding food and energy ²	1.4	1.9	1.9	1.9	2.0	1.3	1.4	1.9	1.4	2.0	2.0	2.1	1.7	1.1	1.8	1.9	38
39	PCE	1.7	2.5	1.9	1.3	1.5	0.3	1.1	1.8	1.2	2.7	1.8	1.2	1.2	0.3	1.6	1.8	39
40	PCE excluding food and energy ²	1.4	1.6	1.9	1.5	1.6	1.3	1.7	1.6	0.9	1.9	1.8	1.6	1.5	1.2	1.8	1.6	40
41	Market-based PCE ³	1.5	2.5	1.8	1.0	1.1	-0.1	0.8	1.5	1.1	2.8	1.5	0.8	0.8	0.0	1.2	1.5	41
42	Market-based PCE excluding food and																	
	energy ^{2,3}	1.1	1.4	1.8	1.2	1.2	1.1	1.4	1.3	0.7	1.9	1.5	1.1	1.2	1.1	1.5	1.2	42
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^{1.} Gross domestic income deflated by the implicit price deflator for gross domestic product.

^{2.} Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

^{3.} This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Note. Estimates under the Percent change from the preceding year columns are calculated from annual data. Estimates under the Percent change fourth quarter to fourth quarter columns are calculated from fourth quarter values relative to the same quarter one year prior.

Source: U.S. Bureau of Economic Analysis

Table 6. Real Gross Domestic Product: Percent Change From Quarter One Year Ago

	Table 6. Real Gross D	г т	STIC P			ercen	t Cna			Quar	ter C			go				
Line		2014		20			-	20				20			1	2018		Line
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	Gross domestic product (GDP)	2.7	3.8	3.4	2.4	2.0	1.6	1.3	1.5	1.9	1.9	2.1	2.3	2.5	2.6	2.9	3.0	1
2	Personal consumption expenditures (PCE)	3.8	4.3	4.0	3.6	3.0	2.7	2.7	2.7	2.8	2.6	2.5	2.4	2.7	2.4	2.6	3.0	2
3	Goods	5.0	5.4	4.8	4.8	4.0	3.7	3.7	3.5	3.6	3.2	3.4	3.6	4.6	3.9	3.9	4.3	3
4	Durable goods	9.2	9.3	7.9	7.3	6.0	5.1	4.4	5.7	6.8	6.4	7.0	6.3	7.7	6.6	6.6	6.4	4
5	Nondurable goods	3.0	3.6	3.4	3.6	3.0	3.0	3.4	2.4	2.0	1.6	1.6	2.2	3.0	2.6	2.6	3.3	5
6	Services	3.2	3.7	3.6	3.1	2.6	2.3	2.3	2.3	2.4	2.3	2.1	1.8	1.8	1.7	2.0	2.5	6
7	Gross private domestic investment	4.7	9.0	5.4	3.2	1.7	-1.7	-2.5	-2.3	1.1	2.8	4.5	6.8	5.0	6.2	4.6	5.3	7
8	Fixed investment	6.6	5.7	4.0	2.8	1.2	1.7	1.4	1.5	2.4	4.3	4.7	4.6	5.7	5.2	5.8	5.0	8
9	Nonresidential	6.4	4.5	2.7	0.8	-0.7	-0.5	-0.1	0.8	1.8	4.4	5.3	5.0	6.3	6.7	7.1	6.4	9
10	Structures	8.8	2.9	0.0		-10.7	-9.6	-9.3	-3.0	2.5	6.7	6.8	2.2	2.9	3.1	5.7	5.1	10
11	Equipment	5.1	5.5	3.4	1.6	2.0	-0.8	-1.0	-2.7	-1.4	2.5	4.8	7.3	9.6	9.5	8.2	5.8	11
12	Intellectual property products	6.4	4.3	3.7	3.3	3.5	7.1	8.5	8.7	5.8	5.6	4.9	3.9	4.2	5.6	6.6	8.2	12
13	Residential	7.8	10.7	9.9	11.1	8.9	10.4	7.3	4.0	4.5	3.9	2.7	3.0	3.8	0.2	1.3	0.4	13
14	Change in private inventories																	14
15	Net exports of goods and services																	15
16	Exports	3.0	2.4	1.4	0.1	-1.6	-1.1	-1.2	1.2	0.8	2.6	2.7	2.1	4.7	4.3	5.7	3.9	16
17	Goods	2.8	1.9	1.1	-0.9	-3.2	-0.8	-1.5	1.6	2.0	3.0	3.2	1.8	5.3	5.0	7.3	4.8	17
18	Services	3.5	3.5	2.0	2.4	1.8	-1.8	-0.7	0.3	-1.5	1.9	1.8	2.6	3.6	3.0	2.7	2.1	18
19	Imports	6.7	7.1	5.3	6.2	3.4	1.9	1.2	1.4	3.1	4.1	4.6	4.1	5.4	5.0	4.2	5.7	19
20	Goods	7.2	7.7	5.8	6.5	3.2	1.2	0.6	0.9	2.8	4.1	4.4	4.0	5.9	5.2	4.5	6.5	20
21	Services	4.0	4.3	3.0	5.0	3.9	4.7	4.0	3.8	4.3	4.3	5.3	4.4	3.5	3.8	2.6	2.4	21
22	Government consumption																	
	expenditures and gross investment	0.2	1.1	2.2	1.9	2.2	2.5	1.3	1.1	0.9	-0.1	0.1	-0.4	0.1	0.7	1.3	2.4	22
23	Federal	-1.2	-0.8	0.4	-0.9	1.2	0.7	0.1	0.6	0.2	0.1	1.1	0.4	1.3	1.9	2.3	3.4	23
24	National defense	-3.6	-2.7	-1.4	-3.7	-0.2	-0.4	-1.5	0.2	-0.7	-0.5	1.7	0.2	1.3	2.1	2.2	4.1	24
25	Nondefense	2.7	2.3	3.2	3.5	3.4	2.5	2.4	1.2	1.5	1.1	0.3	0.6	1.3	1.7	2.3	2.4	25
26	State and local	1.1	2.4	3.2	3.7	2.8	3.5	2.0	1.3	1.4	-0.3	-0.5	-0.9	-0.5	0.0	8.0	1.8	26
	Addenda:																	
27	Gross domestic income (GDI) ¹	4.0	3.9	3.0	2.1	1.4	1.0	0.4	0.7	1.2	1.7	2.7	2.5	2.3	2.4			27
28	Average of GDP and GDI	3.3	3.9	3.2	2.2	1.7	1.3	0.9	1.1	1.5	1.8	2.4	2.4	2.4	2.5	2.5		28
29	Final sales of domestic product	3.0	3.2	3.1	2.3	1.9	2.2	2.0	2.2	2.1	2.2	2.1	2.0	2.6	2.4	3.1	3.0	29
30	Gross domestic purchases	3.3	4.5	3.9	3.2	2.7	1.9	1.6	1.6	2.2	2.2	2.4	2.6	2.6	2.7	2.7	3.3	30
31	Final sales to domestic purchasers	3.6	3.9	3.7	3.2	2.6	2.5	2.3	2.2	2.4	2.4	2.4	2.2	2.8	2.6	2.9	3.3	31
32	Final sales to private domestic purchasers	4.3	4.5	4.0	3.4	2.7	2.5	2.5	2.4	2.7	2.9	2.9	2.8	3.3	2.9	3.2	3.4	32
33	Gross national product	2.6	3.7	3.2	2.1	2.0	1.4	1.2	1.4	1.9	2.1	2.1	2.6	2.6	2.7	3.1		33
34	Real disposable personal income	5.2	4.9	4.4	4.1	3.1	2.5	1.6	1.1	1.6	2.0	2.7	2.9	2.8	2.8	2.9	2.9	34
	Price indexes:																	
35	Gross domestic purchases	1.4	0.5	0.4	0.3	0.1	0.4	0.6	0.7	1.3	2.0	1.7	1.8	1.9	2.0	2.3	2.3	35
36	Gross domestic purchases excluding																	
	food and energy ²	1.6	1.2	1.1	0.9	0.8	0.9	1.0	1.2	1.5	1.9	1.7	1.7	1.8	1.9	2.2	2.2	36
37	GDP	1.6	1.2	1.1	0.9	0.9	0.9	0.9	1.0	1.5	2.1	1.7	1.9	2.0	2.0	2.4	2.3	37
38	GDP excluding food and energy ²	1.7	1.4	1.4	1.2	1.1	1.1	1.2	1.4	1.8	2.1	1.9	1.8	1.9	2.0	2.3	2.4	38
39	PCE	1.2	0.2	0.2	0.2	0.3	8.0	0.9	1.0	1.6	2.0	1.6	1.6	1.8	1.9	2.2	2.2	39
40	PCE excluding food and energy ²	1.5	1.4	1.3	1.3	1.2	1.5	1.6	1.7	1.8	1.8	1.6	1.5	1.6	1.7	1.9	2.0	40
41	Market-based PCE ³	0.8	-0.2	-0.1	-0.1	0.0	0.6	0.6	0.7	1.2	1.8	1.3	1.3	1.5	1.5	2.1	2.0	41
42	Market-based PCE excluding food and																	
	energy ^{2,3}	1.2	1.1	1.1	1.0	1.1	1.3	1.4	1.5	1.5	1.5	1.2	1.1	1.2	1.3	1.7	1.8	42

^{1.} Gross domestic income deflated by the implicit price deflator for gross domestic product.

^{2.} Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

^{3.} This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Source: U.S. Bureau of Economic Analysis

Table 7. Relation of Gross Domestic Product, Gross National Product, and National Income [Billions of dollars]

Seasonally adjusted at annual rates Line 2015 2016 2017 Line 2017 2018 Q3 Q4 01 Q2 031 Gross domestic product (GDP) 18,219.3 18,707.2 19,485.4 19,588.1 19,831.8 20,041.0 20,411.9 20,659.0 1 2 Plus: Income receipts from the rest of the world 839.3 859.1 957.1 979.6 1,024.5 1,063.2 1,078.6 2 3 Less: Income payments to the rest of the world 613.1 643.8 713.4 724.6 753.7 794.4 811.6 3 4 Equals: Gross national product 18,445.5 18,922.5 19,729.1 19,843.0 20,102.6 20,309.8 20,678.9 5 Less: Consumption of fixed capital 2,917.5 2,990.5 3,116.2 3,134.8 3,163.9 3,203.4 3,253.8 3,296.4 5 6 Less: Statistical discrepancy -254.9 -126.9 -143.2 -114.4 -76.6 -159.9 -36.4 15,783.0 16,058.9 16,756.1 7 Equals: National income 16,822.6 17,015.3 17,266.2 17,461.5 7 8 Compensation of employees 9,696.8 9,956.2 10,407.2 10,471.2 10,568.6 10,710.1 10,820.7 10,934.8 9 7,854.4 8,080.7 8,453.8 8,506.6 8,588.1 8,710.6 8,806.2 Wages and salaries 10 Supplements to wages and salaries 1,953.4 1,964.6 1,980.5 1,999.4 2,014.5 10 1,842.4 1,875.6 2,029.8 11 Proprietors' income with inventory valuation and capital 1,421.9 1,419.3 1,500.9 1,507.5 1,526.1 1,549.9 1,568.5 1.580.5 11 consumption adjustments 12 Rental income of persons with capital consumption adjustment 651.8 694.8 730.2 732.0 745.3 754.2 12 749.3 767.5 13 Corporate profits with inventory valuation and capital 2,057.3 2,035.0 2,099.3 2,101.1 13 consumption adjustments 2,150.7 2,177.3 2,242.3

591.8

1,212.6

156.7

-5.8

-1.4

546.0

1,241.9

168.1

-2.3

-0.7

576.4

1,285.9

161.2

-4.9

-0.7

561.5

164.0

-5.4

18,474.2 18,834.1 19,628.6 19,702.5 19,908.5 20,201.0 20,448.4

18,346.8 18,770.7 19,557.0 19,645.3 19,870.2 20,121.0 20,430.1

-0.6

1,290.7

580.1

147.0

-8.2

-0.4

1,305.8

591.9

1,337.4

161.2

-10.8

-0.8

583.8

150.8

-12.9

-0.2

1,354.2

560.7 14

1,375.2

164.8 16

-12.9 17

15

18

19

20

Source: U.S. Bureau of Economic Analysis

Average of GDP and GDI

Gross domestic income (GDI)

Net interest and miscellaneous payments

Business current transfer payments (net)

Current surplus of government enterprises

Taxes on production and imports less subsidies

Statistical discrepancy as a percentage of GDP

14

16

18

19

20

Table 8. Personal Income and Its Disposition

[Rillions of dollars]

		[Billions o	f dollars]							
					Se	easonally a	idjusted at	annual rat	es	
Line		2015	2016	2017	20	17		2018		Line
					Q3	Q4	Q1	Q2	Q3	
1	Personal income ¹	15,719.5	16,125.1	16,830.9	16,895.1	17,103.1	17,319.2	17,499.8	17,680.2	1
2	Compensation of employees	9,696.8	9,956.2	10,407.2	10,471.2	10,568.6	10,710.1	10,820.7	10,934.8	
3	Wages and salaries	7,854.4	8,080.7	8,453.8	8,506.6	8,588.1	8,710.6	8,806.2	8,905.0	3
4	Supplements to wages and salaries	1,842.4	1,875.6	1,953.4	1,964.6	1,980.5	1,999.4	2,014.5	2,029.8	4
5	Proprietors' income with inventory valuation and									
	capital consumption adjustments	1,421.9	1,419.3	1,500.9	1,507.5	1,526.1	1,549.9	1,568.5	1,580.5	5
6	Farm	56.4	37.5	38.9	36.4	35.4	35.2	37.0	29.0	6
7		1,365.5	1,381.8	1,462.0	1,471.1	1,490.6	1,514.7	1,531.5	1,551.5	7
8	Rental income of persons with capital consumption									
	adjustment	651.8	694.8	730.2	732.0	745.3	749.3	754.2	767.5	_
9	Personal income receipts on assets	2,471.3	2,516.6	2,631.6	2,615.1	2,692.9	2,719.5	2,747.8	2,770.3	
10		1,438.1	1,440.9	1,523.0	1,500.1	1,577.2	1,597.6	1,606.5	1,615.2	10
11		1,033.3	1,075.7	1,108.6		1,115.7	1,121.9	1,141.2	1,155.1	11
12		2,683.0	2,778.1	2,859.7	2,875.3	2,887.6	2,933.9	2,965.8	2,998.1	12
13	J									
	domestic	1,205.3	1,239.9	1,298.6		1,317.3	1,343.6	1,357.1	1,370.9	-
	Less: Personal current taxes	1,935.2	1,954.3	2,034.6	2,048.5	2,070.9	2,030.0	2,041.7	2,067.1	14
	Equals: Disposable personal income				-			15,458.1		
	Less: Personal outlays							14,403.8		
	Equals: Personal saving	1,044.2	948.2	986.8	993.4	948.9	1,094.3	1,054.3	999.6	17
18	9									
	personal income	7.6	6.7	6.7	6.7	6.3	7.2	6.8	6.4	18
	Addenda:									
19										
	billions of chained (2012) dollars ²	12,641.3	12,804.8	13,171.4	13,207.3	13,301.7	13,379.1	13,451.4	13,535.3	19
20	, , , , , , , , , , , , , , , , , , , ,	40.044.	40 505 5	40040-	40.007.				44000:	
	dollars ²	13,366.5	13,595.2	13,949.2	13,986.2	14,065.9	14,219.8	14,306.6	14,393.6	20

^{1.} Personal income is also equal to national income less corporate profits with inventory valuation and capital consumption adjustments, taxes on production and imports less subsidies, contributions for government social insurance, net interest and miscellaneous payments, business current transfer payments (net), and current surplus of government enterprises, plus personal income receipts on assets, and personal current transfer receipts.

2. The current-dollar measure is deflated by the implicit price deflator for personal consumption expenditures.

Source: U.S. Bureau of Economic Analysis

Appendix Table A. Real Gross Domestic Product and Related Aggregates:

Percent Change From Preceding Period and Contributions to Percent Change

	reit	ent C	Harry	erio	IIIFIC	ceuiii	y r ci	iou ai	iu Co												_
									T	Sea	isonally	adjuste	ed at an	inual ra	ites		T				
ine		2015	2016	2017	2014		20	15			20	16			20	17			2018		Lin
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
					Per	rcent cl	hange	from pi	recedin	g perio	od										
	Gross domestic product (GDP) and																				
	related aggregates:																				
1	GDP	2.9	1.6	2.2	1.9	3.3	3.3	1.0	0.4	1.5	2.3	1.9	1.8	1.8	3.0	2.8	2.3	2.2	4.2	3.5	-
2	Goods	2.9	1.2	3.8	-1.8	4.0	3.9	0.1	-0.7	0.5	3.1	1.6	2.3	1.2	8.6	8.4	1.1	4.1	6.5	6.5	2
3	Services	2.8	1.8	1.5	2.8	3.6	2.3	1.6	2.2	1.1	2.4	2.0	1.3	1.3	1.2	1.2	2.1	1.2	2.9	2.9	3
4	Structures	3.6	1.0	2.2	9.3	-1.5	9.4	-0.6	-8.6	8.6	-1.7	2.4	3.4	7.8	-2.5	-3.7	7.9	3.4	5.5	-2.4	4
5	Motor vehicle output	6.3	1.8	-1.3	-4.4	1.5	17.6	20.9	-22.8	10.4	2.8	4.0	-2.9	-7.3	-2.2	-3.8	23.2	9.5	-5.8	7.4	5
6	GDP excluding motor vehicle output	2.8	1.6	2.3	2.1	3.4	2.9	0.4	1.2	1.3	2.3	1.9	1.9	2.1	3.1	3.0	1.8	2.0	4.5	3.4	6
7	Nonfarm business gross value added ¹	3.5	1.6	2.7	2.2	4.1	4.1	0.6	0.1	1.6	2.5	2.2	2.3	1.9	3.8	3.6	3.0	2.6	5.0	4.1	7
			C	ontribu	itions to	o perce	nt cha	nge in	real gro	oss dor	nestic	produc	t								
	Percent change at annual rate:																				
8	Gross domestic product	2.9	1.6	2.2	1.9	3.3	3.3	1.0	0.4	1.5	2.3	1.9	1.8	1.8	3.0	2.8	2.3	2.2	4.2	3.5	8
	Percentage points at annual rates:																				
9	Goods	0.88	0.35	1.11	-0.54	1.23	1.19	0.05	-0.19	0.17	0.92	0.47	0.69	0.37	2.43	2.40	0.34	1.20	1.91	1.89	ç
10	Services	1.71	1.13	0.92	1.71	2.23	1.41	0.98	1.33	0.71	1.51	1.27	0.80	0.79	0.77	0.74	1.32	0.73	1.78	1.82	10
11	Structures	0.29	0.08	0.19	0.72	-0.13	0.73	-0.06	-0.74	0.67	-0.14	0.19	0.28	0.63	-0.21	-0.32	0.64	0.28	0.47	-0.21	11
12	Motor vehicle output	0.18	0.05	-0.04	-0.13	0.04	0.48	0.58	-0.78	0.29	0.08	0.12	-0.08	-0.22	-0.06	-0.10	0.58	0.26	-0.17	0.20	12

^{1.} Consists of GDP less gross value added of farm, of households and institutions, and of general government. Source: U.S. Bureau of Economic Analysis

October 26, 2018

			Billions of chained (2012) dollars at quarterly rates									Percent change from quarter one year ago									ı
Line		2016			2017				2018			2016		2017				2018			Lin
		Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	Gross Domestic Product (GDP)	4,402.4	4,448.4	4,526.6	4,338.6	4,500.6	4,562.1	4,649.4	4,483.0	4,638.1	4,686.3	1.4	2.0	1.3	2.2	2.6	2.7	3.3	3.1	2.7	
2	Personal consumption																			1	1
	expenditures	3,052.5	3,059.6	3,185.3	3,014.3	3,135.8	3,136.2	3,272.4	3,097.6	3,221.2	3,232.4	2.6	2.7	2.1	2.7	2.5	2.7	2.8	2.7	3.1	
3	Gross private domestic investment	763.7	799.0	756.3	733.4	796.2	859.2	807.8	796.0	842.5	888.4	-2.2	1.0	0.3	4.3	7.5	6.8	8.5	5.8	3.4	
4	Net exports of goods and services	-203.1	-207.3	-207.7	-182.5	-226.3	-223.5	-226.4	-197.5	-229.4	-248.2										
5	Exports	591.8	601.8	604.9	594.2	607.9	616.0	632.0	619.0	636.9	636.5	0.5	0.8	2.5	2.7	2.4	4.5	4.2	4.8	3.3	
6	Imports	794.9	809.1	812.6	776.7	834.2	839.5	858.3	816.5	866.3	884.8	1.3	2.4	3.9	4.9	3.8	5.6	5.1	3.9	5.4	
7	Government consumption expenditures and gross investment	784.6	792.0	788.1	770.8	787.1	783.9	788.6	782.7	796.1	804.0	0.9	1.3	0.4	0.3	-1.0	0.1	1.5	1.1	2.6	
	Addenda:																				Π
	Current dollar measures: (Billions of dollars)																				
8	GDP	4,670.2	4,728.1	4,814.8	4,652.8	4,856.4	4,933.7	5,042.5	4,901.5	5,133.5	5,192.8	2.6	3.3	3.5	4.0	4.3	4.7	5.3	5.7	5.3	
9	Gross Domestic Income	4,626.0	4,735.9	4,837.4	4,888.9	4,838.9	4,852.8	5,047.9	5,117.1	5,064.7		3.8	1.3	5.5	4.6	2.5	4.3	4.7	4.7		

Source: U.S. Bureau of Economic Analysis