Real Private Fixed Investment by Type

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

Period	Total fixed investment	Nonresidential											Residential		
		Total nonresidential	Structures	Equipment						Intellectual property products			Total residential [2]	Structures	
				Total [2]	Information processing equipment			Industrial equipment	Transportation equipment	Total [2]	Software	Research and development [3]		Total [2]	Single family
					Total	Computers and peripheral equipment [1]	Other								
2007	2,609.6	1,948.4	509.0	898.3	279.9	.....	207.9	205.3	203.6	542.4	244.2	227.9	654.8	644.9	283.7
2008	2,432.6	1,934.4	540.2	836.1	281.0	.....	204.2	195.5	156.9	558.8	256.2	235.5	497.7	488.4	178.2
2009	2,025.7	1,633.4	438.2	644.3	256.1	.....	179.3	152.1	70.6	550.9	256.8	229.0	392.2	383.9	105.3
2010	2,056.2	1,673.8	366.3	746.7	281.4	.....	196.8	151.3	136.9	561.3	254.2	234.4	382.4	373.6	114.4
2011	2,186.7	1,802.3	374.7	847.9	285.9	.....	202.8	183.3	183.0	581.3	271.8	236.7	384.5	375.3	109.2
2012	2,400.4	1,964.1	423.1	939.2	303.1	.....	214.5	199.8	218.9	603.8	286.6	242.9	436.5	427.1	132.1
2013	2,521.4	2,032.9	428.8	982.3	317.7	.....	228.9	196.7	243.0	624.5	295.5	254.1	488.3	478.1	161.9
2014	2,660.6	2,155.6	472.9	1,035.7	326.0	.....	236.3	203.5	270.9	648.6	313.1	261.2	505.4	494.5	170.9
2015	2,767.8	2,200.2	452.1	1,072.5	338.7	.....	249.2	207.3	302.2	680.0	333.1	270.2	564.5	552.8	200.7
2016	2,785.9	2,188.6	439.2	1,041.4	346.9	.....	258.2	212.9	283.9	711.9	348.1	285.5	591.9	579.5	201.9
2014: I	2,600.5	2,111.8	467.0	1,011.3	318.9	.....	231.8	199.2	258.3	634.7	303.5	256.9	489.4	478.9	165.8
II	2,646.1	2,143.4	475.4	1,027.4	332.0	.....	242.2	204.4	263.6	641.7	309.5	258.3	503.1	492.3	170.1
III	2,693.4	2,186.7	472.2	1,064.4	320.7	.....	230.2	208.2	283.7	652.8	316.8	262.0	507.6	496.6	169.1
IV	2,702.3	2,180.6	477.0	1,039.9	332.4	.....	241.0	202.4	278.1	665.1	322.5	267.5	521.4	510.2	178.6
2015: I	2,727.2	2,187.9	461.5	1,063.2	332.1	.....	244.6	202.7	298.2	666.5	329.2	262.4	538.0	526.5	185.7
II	2,756.0	2,196.6	458.4	1,062.3	327.7	.....	237.4	208.9	297.5	679.5	334.0	269.5	556.9	545.2	196.0
III	2,794.5	2,217.5	453.4	1,085.7	347.1	.....	253.8	206.3	308.9	683.1	333.3	272.4	573.7	561.8	207.2
IV	2,793.3	2,198.8	435.1	1,078.6	348.1	.....	261.1	211.5	304.0	690.7	336.0	276.6	589.5	577.4	214.1
2016: I	2,786.7	2,179.7	435.2	1,052.0	345.5	.....	257.6	209.4	293.7	697.1	342.2	277.5	600.7	588.3	211.0
II	2,778.8	2,185.0	432.9	1,044.1	341.2	.....	251.2	214.2	289.7	712.2	346.0	288.6	588.7	576.3	201.3
III	2,779.3	2,192.5	445.3	1,032.2	348.7	.....	259.3	212.8	276.5	717.9	351.6	287.6	582.5	570.1	195.3
IV	2,798.9	2,197.2	443.2	1,037.2	352.3	.....	264.8	215.3	275.7	720.2	352.4	288.3	596.0	583.3	200.0
2017: I [r]	2,879.0	2,257.2	471.7	1,055.4	362.8	.....	272.0	219.4	278.2	732.0	358.5	292.9	615.5	602.6	206.4

[1] Because computers exhibit rapid changes 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. The quantity index for computers can be used to accurately measure the real growth rate of this series. For information on this component, see *Survey of Current Business* Table 5.3.1 (for growth rates), Table 5.3.2 (for contributions), and Table 5.3.3 (for quantity indexes).

[2] Includes other items, not shown separately.

[3] Research and development investment excludes expenditures for software development.

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).

Business Investment

[Billions of dollars]

Period	Capital expenditures																For companies without employees
	Total capital expenditures	By industry															
		Total by industry	Forestry, fishing, and agricultural services	Mining	Utilities	Construction	Manufacturing	Wholesale trade	Retail trade	Transportation and warehousing	Information	Finance and insurance	Real estate and rental and leasing	Professional, scientific, and technical services	Health care and social assistance	Other [1]	
		For companies with employees															
2001	1,109.0	1,052.3	1.5	51.3	82.8	24.8	192.8	30.0	66.9	57.8	144.8	131.1	82.7	30.5	52.9	102.5	56.7
2002	997.9	917.5	1.9	42.5	65.5	24.8	157.2	26.8	59.3	47.1	88.2	128.4	94.5	25.9	59.3	96.1	80.4
2003	975.0	886.8	1.9	50.5	54.6	23.2	149.1	26.0	65.9	44.5	80.5	120.8	88.0	24.7	61.2	96.2	88.2
2004	1,042.1	953.2	2.1	51.3	50.4	28.6	156.7	32.3	72.2	46.1	83.5	153.6	91.6	26.7	64.6	93.6	88.9
2005	1,144.8	1,062.5	2.7	66.7	58.0	30.1	165.6	40.6	73.5	56.9	91.4	161.4	103.0	33.1	73.8	105.6	82.2
2006	1,309.9	1,217.1	2.7	99.3	69.8	30.3	192.4	36.6	86.7	68.0	104.4	163.1	132.1	30.3	75.3	126.3	92.8
2007	1,354.7	1,270.5	2.1	120.7	85.4	36.7	197.3	30.8	82.5	67.4	106.1	173.4	117.5	31.8	84.2	134.8	84.2
2008	1,374.2	1,294.5	2.3	149.3	98.7	40.8	213.1	32.4	73.2	79.6	103.3	132.9	106.9	33.0	90.2	138.7	79.7
2009	1,090.7	1,015.3	2.2	100.6	103.0	19.8	155.2	25.3	58.4	55.7	88.4	99.5	72.9	28.2	79.4	127.0	75.4
2010	1,105.7	1,036.2	3.3	115.7	94.5	17.9	160.8	31.1	65.3	59.0	97.2	103.1	81.3	28.2	78.4	100.6	69.5
2011	1,243.0	1,169.6	3.1	165.7	98.0	21.8	192.4	35.7	68.1	72.7	100.1	109.2	91.1	28.1	83.1	100.4	73.4
2012	1,423.6	1,334.4	3.1	196.7	125.0	23.6	203.1	40.9	77.6	81.8	106.5	130.2	115.7	31.6	88.9	110.0	89.2
2013	1,491.3	1,400.9	3.0	202.2	111.3	27.6	221.3	37.5	77.5	92.6	123.9	137.8	114.2	35.7	94.2	122.1	90.4
2014	1,597.9	1,506.6	4.0	230.8	118.9	30.3	231.1	44.8	82.4	111.0	132.0	153.3	121.9	30.4	89.0	126.8	91.3
2015 [p]	1,638.6	1,544.7	3.4	174.7	130.2	33.5	239.6	42.8	85.8	116.7	135.6	164.5	152.3	33.6	93.6	138.3	93.9

[1] Includes the following industries: Management of companies and enterprises; administrative and support and waste management; educational services; arts, entertainment, and recreation; accommodation and food services; and other services (except public administration). Also includes an item for structure and equipment expenditures serving multiple industry categories.

Note: Data from *Annual Capital Expenditures*. Industry data are based on the North American Industry Classification System (NAICS).
Data shown in this table are capital expenditures for both new and used structures and equipment.

Source: Department of Commerce (Bureau of the Census).

AUTHENTICATED U.S. GOVERNMENT INFORMATION GPO