Table B–13. Real private fixed investment by type, 2002–2020

[Billions of chained (2012) dollars; quarterly data at seasonally adjusted annual rates]

Year or quarter	Private 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								
2002	2,183.4	1,472.7	473.5	607.8	133.3	35.9	98.3	181.4	162.4	421.5	125.5	244.1	692.6	685.1	327.1
2003	2,280.6	1,509.4	456.6	634.3	150.4	40.2	111.1	182.2	150.3	437.7	133.5	246.1	755.5	747.7	362.0
2004	2,440.7	1,594.0	456.3	688.6	169.4	45.7	124.7	178.8	171.2	459.2	149.3	248.1	830.9	822.1	405.4
2005	2,618.7	1,716.4	466.1	760.0	187.6	51.8	136.5	194.2	192.1	493.1	163.4	261.6	885.4	876.3	432.8
2006	2,686.8	1,854.2	501.7	832.6	217.0	64.7	152.4	210.6	206.4	521.5	173.5	279.6	818.9	809.5	390.4
2007	2,653.5	1,982.1	568.6	865.8	247.2	73.9	173.3	217.3	197.7	554.3	191.1	296.1	665.8	656.6	283.5
2008	2,499.4	1,994.2	605.4	824.4	260.6	79.7	180.9	208.3	155.0	575.3	206.7	304.8	504.6	495.7	178.1
2009	2,099.8	1,704.3	492.2	649.7	247.5	81.1	166.5	162.7	72.5	572.4	212.9	297.4	395.3	386.9	105.3
2010	2,164.2	1,781.0	412.8	781.2	289.1	94.1	195.1	162.5	141.5	588.1	220.9	298.5	383.0	373.8	114.3
2011	2,317.8	1,935.4	424.1	886.2	303.2	93.9	209.3	194.9	181.8	624.8	245.2	311.0	382.5	372.4	109.1
2012	2,550.5	2,118.5	479.4	983.4	331.2	103.5	227.7	211.2	215.3	655.7	272.1	313.4	432.0	421.5	132.0
2013	2,692.1	2,206.0	485.5	1,029.2	351.8	103.0	248.8	208.4	238.5	691.4	287.2	333.8	485.5	474.1	161.8
2014	2,869.2	2,365.3	538.8	1,101.1	370.2	102.9	267.7	216.5	265.0	724.8	305.3	346.9	504.1	491.8	171.8
2015	2,979.0	2,420.3	534.1	1,134.6	393.3	103.4	291.0	216.7	292.8	752.4	320.2	357.1	555.4	542.0	191.5
2016	3,032.2	2,433.0	510.5	1,115.1	410.8	102.6	310.1	213.7	275.7	809.8	345.9	386.7	592.1	577.6	201.3
2017	3,147.4	2,524.2	531.7	1,150.3	441.2	110.5	332.7	225.4	271.4	844.2	374.6	392.3	615.7	600.3	214.8
2018	3,310.4	2,698.9	551.1	1,242.2	479.3	124.0	356.6	243.9	287.0	910.2	416.4	416.0	612.0	596.6	220.7
2019	3,371.7	2,776.8	547.7	1,267.7	493.9	130.7	363.8	249.1	285.7	968.2	449.3	440.5	601.5	586.0	206.8
2017: I	3,115.5	2,492.6	538.5	1,121.5	425.1	105.0	322.4	218.0	269.3	832.6	363.0	391.7	614.4	599.2	209.0
II	3,127.7	2,507.3	537.6	1,135.5	438.1	109.7	330.4	223.3	264.6	834.8	369.8	388.0	612.7	597.5	212.9
III	3,137.1	2,520.3	522.3	1,152.6	442.8	114.6	329.4	226.4	271.8	848.4	379.3	392.4	610.1	594.8	216.2
IV	3,209.2	2,576.4	528.4	1,191.4	458.9	112.6	348.8	233.9	279.8	860.9	386.5	397.1	625.5	609.7	221.1
2018: I	3,275.2	2,651.5	554.8	1,220.3	474.2	121.5	354.3	239.6	284.0	879.3	399.0	403.1	620.3	604.6	225.4
II	3,310.6	2,691.9	561.6	1,227.7	474.1	124.6	350.3	240.0	281.8	905.2	413.2	414.4	617.6	602.0	225.3
III	3,317.0	2,709.5	553.2	1,245.9	484.8	126.1	359.9	244.2	284.1	914.9	420.8	416.5	609.1	593.8	220.6
IV	3,338.7	2,742.6	534.9	1,274.8	483.9	123.8	361.8	251.7	298.0	941.5	432.6	430.0	601.0	585.9	211.6
2019: I	3,362.3	2,770.8	545.5	1,281.1	493.5	126.4	368.6	249.7	299.1	951.9	438.8	434.4	598.4	583.2	204.7
II	3,358.6	2,771.0	547.8	1,268.6	494.8	132.6	362.4	250.2	283.7	961.5	443.6	439.4	595.2	580.0	203.9
III	3,378.9	2,783.9	552.6	1,263.3	494.3	129.5	365.7	251.4	277.1	974.0	452.9	442.7	601.9	586.4	206.3
IV	3,387.2	2,781.5	545.1	1,258.0	492.9	134.4	358.3	245.3	283.0	985.2	461.8	445.3	610.5	594.6	212.3
2020: I	3,375.4	2,733.8	540.0	1,207.1	475.8	127.9	348.1	241.8	257.8	991.1	472.5	443.6	637.6	621.4	222.5
II	3,096.3	2,525.5	487.5	1,080.1	507.4	149.1	355.8	226.5	160.6	961.5	465.4	428.3	571.3	555.7	194.3
III [p]	3,308.6	2,653.4	467.0	1,227.1	559.1	162.5	394.3	236.0	218.3	975.7	474.5	436.3	644.8	627.8	202.3

[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 includes expenditures for software.

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