

Relation of Private Fixed Investment in Intellectual Property Products (by type) in the Fixed Assets Accounts  
to the Corresponding Items in the National Income and Product Accounts  
[Billions of dollars]  
Bureau of Economic Analysis  
Last Revised: September 7, 2016

Asset Type	Line	1998						1999						2000					
		NIPA			FAA			NIPA			FAA			NIPA			FAA		
		Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7) equals	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7) equals	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7) equals
			<i>minus</i>	<i>equals</i>	<i>plus</i>	<i>plus</i>			<i>minus</i>	<i>equals</i>	<i>plus</i>	<i>plus</i>			<i>minus</i>	<i>equals</i>	<i>plus</i>	<i>plus</i>	
Total Nonresidential IPP	1	317.7	0.0	317.7	0.0	0.0	317.7	364.0	0.0	364.0	0.0	0.0	364.0	409.5	0.0	409.5	0.0	0.0	409.6
Software	2	126.0	0.0	126.0	0.0	0.0	126.0	157.3	0.0	157.3	0.0	0.0	157.3	184.5	0.0	184.5	0.0	0.0	184.5
Prepackaged <sup>3</sup>	3	42.9	0.0	42.9	0.0	0.0	42.9	49.7	0.0	49.7	0.0	0.0	49.7	54.7	0.0	54.7	0.0	0.0	54.7
Custom	4	45.2	0.0	45.2	0.0	0.0	45.2	53.6	0.0	53.6	0.0	0.0	53.6	63.9	0.0	63.9	0.0	0.0	63.9
Own-account	5	37.9	0.0	37.9	0.0	0.0	37.9	54.1	0.0	54.1	0.0	0.0	54.1	65.8	0.0	65.8	0.0	0.0	65.8
Research and development <sup>4,5</sup>	6	143.3	0.0	143.3	0.0	0.0	143.3	155.7	0.0	155.7	0.0	0.0	155.7	169.5	0.0	169.5	0.0	0.0	169.5
Business	7	134.2	0.0	134.2	0.0	0.0	134.2	146.2	0.0	146.2	0.0	0.0	146.2	159.7	0.0	159.7	0.0	0.0	159.7
Manufacturing	8	107.7	0.0	107.7	0.0	0.0	107.7	114.2	0.0	114.2	0.0	0.0	114.2	126.2	0.0	126.2	0.0	0.0	126.2
Pharmaceutical and medicine manufacturing	9	21.6	0.0	21.6	0.0	0.0	21.6	24.2	0.0	24.2	0.0	0.0	24.2	28.1	0.0	28.1	0.0	0.0	28.1
Chemical manufacturing, excl. pharmaceutical and medicine	10	7.8	0.0	7.8	0.0	0.0	7.8	8.0	0.0	8.0	0.0	0.0	7.9	8.2	0.0	8.2	0.0	0.0	8.2
Semiconductor and other electronic component manufacturing	11	10.8	0.0	10.8	0.0	0.0	10.8	11.4	0.0	11.4	0.0	0.0	11.4	12.6	0.0	12.6	0.0	0.0	12.6
Other computer and electronic product manufacturing	12	20.5	0.0	20.5	0.0	0.0	20.5	20.9	0.0	20.9	0.0	0.0	20.9	27.0	0.0	27.0	0.0	0.0	27.0
Motor vehicles, bodies and trailers, and parts manufacturing	13	14.9	0.0	14.9	0.0	0.0	14.9	16.4	0.0	16.4	0.0	0.0	16.4	16.4	0.0	16.4	0.0	0.0	16.4
Aerospace products and parts manufacturing	14	6.5	0.0	6.5	0.0	0.0	6.5	6.9	0.0	6.9	0.0	0.0	6.9	6.7	0.0	6.7	0.0	0.0	6.7
Other manufacturing	15	25.6	0.0	25.6	0.0	0.0	25.6	26.4	0.0	26.4	0.0	0.0	26.4	27.2	0.0	27.2	0.0	0.0	27.2
Nonmanufacturing	16	26.6	0.0	26.6	0.0	0.0	26.5	32.0	0.0	32.0	0.0	0.0	32.0	33.5	0.0	33.5	0.0	0.0	33.5
Scientific research and development services	17	3.6	0.0	3.6	0.0	0.0	3.6	4.0	0.0	4.0	0.0	0.0	4.0	5.1	0.0	5.1	0.0	0.0	5.1
All other nonmanufacturing	18	23.0	0.0	23.0	0.0	0.0	23.0	28.0	0.0	28.0	0.0	0.0	28.0	28.4	0.0	28.4	0.0	0.0	28.4
Nonprofit institutions serving households (NPISHs)	19	9.1	0.0	9.1	0.0	0.0	9.1	9.5	0.0	9.5	0.0	0.0	9.5	9.8	0.0	9.8	0.0	0.0	9.8
University and colleges	20	0.9	0.0	0.9	0.0	0.0	0.9	0.9	0.0	0.9	0.0	0.0	0.9	1.1	0.0	1.1	0.0	0.0	1.0
Other nonprofit institutions <sup>6</sup>	21	8.2	0.0	8.2	0.0	0.0	8.2	8.5	0.0	8.5	0.0	0.0	8.5	8.8	0.0	8.8	0.0	0.0	8.8
Entertainment, literary, and artistic originals	22	48.3	0.0	48.3	0.0	0.0	48.3	51.0	0.0	51.0	0.0	0.0	51.0	55.6	0.0	55.6	0.0	0.0	55.6
Theatrical movies	23	13.5	0.0	13.5	0.0	0.0	13.5	12.8	0.0	12.8	0.0	0.0	12.8	16.1	0.0	16.1	0.0	0.0	16.1
Long-lived television programs	24	19.1	0.0	19.1	0.0	0.0	19.1	20.4	0.0	20.4	0.0	0.0	20.4	21.1	0.0	21.1	0.0	0.0	21.1
Books	25	6.5	0.0	6.5	0.0	0.0	6.5	6.9	0.0	6.9	0.0	0.0	6.9	7.2	0.0	7.2	0.0	0.0	7.2
Music	26	6.5	0.0	6.5	0.0	0.0	6.5	8.1	0.0	8.1	0.0	0.0	8.1	8.2	0.0	8.2	0.0	0.0	8.2
Other	27	2.7	0.0	2.7	0.0	0.0	2.7	2.8	0.0	2.8	0.0	0.0	2.8	3.0	0.0	3.0	0.0	0.0	3.0

1. Used IPP transactions are zero in these estimates.  
2. Consists primarily of statistical revisions to new investment from the NIPAs that have not been incorporated into the FAAs.  
3. Excludes software "embedded," or bundled, in computers and other equipment.  
4. Research and development (R&D) asset types are defined by the type of funder.  
5. R&D investment excludes expenditures for software development. Software development expenditures are included in software investment on line 2.  
6. Includes R&D investment by private universities and colleges. R&D investment by public universities and colleges is included in state and local government investment.

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Asset Type	Line	2001						2002						2003					
		NIPA			FAA			NIPA			FAA			NIPA			FAA		
		Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)
		<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>
Total Nonresidential IPP	1	412.6	0.0	412.6	0.0	0.0	412.6	406.4	0.0	406.4	0.0	0.0	406.4	420.9	0.0	420.9	0.0	0.0	420.9
Software	2	186.6	0.0	186.6	0.0	0.0	186.6	183.0	0.0	183.0	0.0	0.0	183.0	191.0	0.0	191.0	0.0	0.0	191.0
Prepackaged <sup>3</sup>	3	55.9	0.0	55.9	0.0	0.0	55.9	60.3	0.0	60.3	0.0	0.0	60.3	63.3	0.0	63.3	0.0	0.0	63.3
Custom	4	63.4	0.0	63.4	0.0	0.0	63.4	56.5	0.0	56.5	0.0	0.0	56.5	56.1	0.0	56.1	0.0	0.0	56.1
Own-account	5	67.3	0.0	67.3	0.0	0.0	67.3	66.3	0.0	66.3	0.0	0.0	66.3	71.7	0.0	71.7	0.0	0.0	71.7
Research and development <sup>4,5</sup>	6	171.3	0.0	171.3	0.0	0.0	171.3	165.7	0.0	165.7	0.0	0.0	165.7	167.2	0.0	167.2	0.0	0.0	167.2
Business	7	161.3	0.0	161.3	0.0	0.0	161.3	155.0	0.0	155.0	0.0	0.0	155.0	156.2	0.0	156.2	0.0	0.0	156.2
Manufacturing	8	131.7	0.0	131.7	0.0	0.0	131.7	124.2	0.0	124.2	0.0	0.0	124.2	127.2	0.0	127.2	0.0	0.0	127.2
Pharmaceutical and medicine manufacturing	9	29.5	0.0	29.5	0.0	0.0	29.5	32.4	0.0	32.4	0.0	0.0	32.4	33.5	0.0	33.5	0.0	0.0	33.5
Chemical manufacturing, excl. pharmaceutical and medicine	10	8.1	0.0	8.1	0.0	0.0	8.1	6.8	0.0	6.8	0.0	0.0	6.8	7.4	0.0	7.4	0.0	0.0	7.4
Semiconductor and other electronic component manufacturing	11	14.8	0.0	14.8	0.0	0.0	14.8	14.5	0.0	14.5	0.0	0.0	14.5	15.1	0.0	15.1	0.0	0.0	15.1
Other computer and electronic product manufacturing	12	31.5	0.0	31.5	0.0	0.0	31.5	23.1	0.0	23.1	0.0	0.0	23.1	21.2	0.0	21.2	0.0	0.0	21.2
Motor vehicles, bodies and trailers, and parts manufacturing	13	15.7	0.0	15.7	0.0	0.0	15.7	15.6	0.0	15.6	0.0	0.0	15.6	16.3	0.0	16.3	0.0	0.0	16.3
Aerospace products and parts manufacturing	14	7.1	0.0	7.1	0.0	0.0	7.1	6.7	0.0	6.7	0.0	0.0	6.7	6.5	0.0	6.5	0.0	0.0	6.5
Other manufacturing	15	25.0	0.0	25.0	0.0	0.0	25.0	25.2	0.0	25.2	0.0	0.0	25.2	27.2	0.0	27.2	0.0	0.0	27.2
Nonmanufacturing	16	29.6	0.0	29.6	0.0	0.0	29.6	30.8	0.0	30.8	0.0	0.0	30.8	29.0	0.0	29.0	0.0	0.0	29.0
Scientific research and development services	17	5.3	0.0	5.3	0.0	0.0	5.3	4.7	0.0	4.7	0.0	0.0	4.7	4.3	0.0	4.3	0.0	0.0	4.3
All other nonmanufacturing	18	24.3	0.0	24.3	0.0	0.0	24.3	26.1	0.0	26.1	0.0	0.0	26.1	24.7	0.0	24.7	0.0	0.0	24.7
Nonprofit institutions serving households (NPISHs)	19	10.0	0.0	10.0	0.0	0.0	10.0	10.7	0.0	10.7	0.0	0.0	10.7	11.0	0.0	11.0	0.0	0.0	11.0
University and colleges	20	1.1	0.0	1.1	0.0	0.0	1.1	1.3	0.0	1.3	0.0	0.0	1.3	1.4	0.0	1.4	0.0	0.0	1.4
Other nonprofit institutions <sup>6</sup>	21	8.9	0.0	8.9	0.0	0.0	8.9	9.5	0.0	9.5	0.0	0.0	9.5	9.6	0.0	9.6	0.0	0.0	9.6
Entertainment, literary, and artistic originals	22	54.7	0.0	54.7	0.0	0.0	54.7	57.6	0.0	57.6	0.0	0.0	57.6	62.7	0.0	62.7	0.0	0.0	62.7
Theatrical movies	23	15.4	0.0	15.4	0.0	0.0	15.4	15.9	0.0	15.9	0.0	0.0	15.9	17.7	0.0	17.7	0.0	0.0	17.7
Long-lived television programs	24	21.1	0.0	21.1	0.0	0.0	21.1	23.5	0.0	23.5	0.0	0.0	23.5	25.9	0.0	25.9	0.0	0.0	25.9
Books	25	7.3	0.0	7.3	0.0	0.0	7.3	7.6	0.0	7.6	0.0	0.0	7.6	7.8	0.0	7.8	0.0	0.0	7.8
Music	26	7.9	0.0	7.9	0.0	0.0	7.9	7.7	0.0	7.7	0.0	0.0	7.7	8.2	0.0	8.2	0.0	0.0	8.2
Other	27	3.0	0.0	3.0	0.0	0.0	3.0	3.0	0.0	3.0	0.0	0.0	3.0	3.1	0.0	3.1	0.0	0.0	3.1

1. Used IPP transactions are zero in these estimates.  
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3. Excludes software "embedded," or bundled, in computers and other equipment.  
4. Research and development (R&D) asset types are defined by the type of funder.  
5. R&D investment excludes expenditures for software development. Software development expenditures are included in software investment on line 2.  
6. Includes R&D investment by private universities and colleges. R&D investment by public universities and colleges is included in state and local government investment.

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Asset Type	Line	2004						2005						2006					
		NIPA			FAA			NIPA			FAA			NIPA			FAA		
		Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)
		<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>
Total Nonresidential IPP	1	442.1	0.0	442.1	0.0	0.0	442.2	475.1	0.0	475.1	0.0	0.0	475.1	504.6	0.0	504.6	0.0	0.0	504.6
Software	2	205.1	0.0	205.1	0.0	0.0	205.1	217.2	0.0	217.2	0.0	0.0	217.2	228.9	0.0	228.9	0.0	0.0	228.9
Prepackaged <sup>3</sup>	3	67.0	0.0	67.0	0.0	0.0	67.0	69.2	0.0	69.2	0.0	0.0	69.2	69.1	0.0	69.1	0.0	0.0	69.1
Custom	4	58.5	0.0	58.5	0.0	0.0	58.5	65.5	0.0	65.5	0.0	0.0	65.5	72.8	0.0	72.8	0.0	0.0	72.8
Own-account	5	79.6	0.0	79.6	0.0	0.0	79.6	82.5	0.0	82.5	0.0	0.0	82.5	87.1	0.0	87.1	0.0	0.0	87.1
Research and development <sup>4,5</sup>	6	173.0	0.0	173.0	0.0	0.0	173.0	188.1	0.0	188.1	0.0	0.0	188.1	204.5	0.0	204.5	0.0	0.0	204.5
Business	7	161.7	0.0	161.7	0.0	0.0	161.7	176.5	0.0	176.5	0.0	0.0	176.5	192.5	0.0	192.5	0.0	0.0	192.5
Manufacturing	8	134.2	0.0	134.2	0.0	0.0	134.2	144.7	0.0	144.7	0.0	0.0	144.7	159.6	0.0	159.6	0.0	0.0	159.6
Pharmaceutical and medicine manufacturing	9	37.4	0.0	37.4	0.0	0.0	37.4	40.5	0.0	40.5	0.0	0.0	40.5	45.6	0.0	45.6	0.0	0.0	45.6
Chemical manufacturing, excl. pharmaceutical and medicine	10	7.6	0.0	7.6	0.0	0.0	7.6	8.0	0.0	8.0	0.0	0.0	8.0	8.5	0.0	8.5	0.0	0.0	8.5
Semiconductor and other electronic component manufacturing	11	17.0	0.0	17.0	0.0	0.0	17.0	18.3	0.0	18.3	0.0	0.0	18.3	18.0	0.0	18.0	0.0	0.0	18.0
Other computer and electronic product manufacturing	12	20.7	0.0	20.7	0.0	0.0	20.7	21.7	0.0	21.7	0.0	0.0	21.7	27.0	0.0	27.0	0.0	0.0	27.0
Motor vehicles, bodies and trailers, and parts manufacturing	13	16.6	0.0	16.6	0.0	0.0	16.6	17.0	0.0	17.0	0.0	0.0	17.0	17.5	0.0	17.5	0.0	0.0	17.5
Aerospace products and parts manufacturing	14	7.6	0.0	7.6	0.0	0.0	7.6	8.5	0.0	8.5	0.0	0.0	8.5	9.8	0.0	9.8	0.0	0.0	9.8
Other manufacturing	15	27.3	0.0	27.3	0.0	0.0	27.3	30.7	0.0	30.7	0.0	0.0	30.7	33.3	0.0	33.3	0.0	0.0	33.3
Nonmanufacturing	16	27.5	0.0	27.5	0.0	0.0	27.5	31.8	0.0	31.8	0.0	0.0	31.8	32.9	0.0	32.9	0.0	0.0	32.9
Scientific research and development services	17	5.3	0.0	5.3	0.0	0.0	5.3	5.7	0.0	5.7	0.0	0.0	5.7	6.3	0.0	6.3	0.0	0.0	6.3
All other nonmanufacturing	18	22.2	0.0	22.2	0.0	0.0	22.2	26.1	0.0	26.1	0.0	0.0	26.1	26.6	0.0	26.6	0.0	0.0	26.6
Nonprofit institutions serving households (NPISHs)	19	11.3	0.0	11.3	0.0	0.0	11.3	11.6	0.0	11.6	0.0	0.0	11.6	12.0	0.0	12.0	0.0	0.0	12.0
University and colleges	20	1.5	0.0	1.5	0.0	0.0	1.5	1.7	0.0	1.7	0.0	0.0	1.7	1.9	0.0	1.9	0.0	0.0	1.9
Other nonprofit institutions <sup>6</sup>	21	9.8	0.0	9.8	0.0	0.0	9.8	10.0	0.0	10.0	0.0	0.0	10.0	10.1	0.0	10.1	0.0	0.0	10.1
Entertainment, literary, and artistic originals	22	64.1	0.0	64.1	0.0	0.0	64.1	69.8	0.0	69.8	0.0	0.0	69.8	71.2	0.0	71.2	0.0	0.0	71.2
Theatrical movies	23	18.0	0.0	18.0	0.0	0.0	18.0	18.9	0.0	18.9	0.0	0.0	18.9	20.1	0.0	20.1	0.0	0.0	20.1
Long-lived television programs	24	26.1	0.0	26.1	0.0	0.0	26.1	30.5	0.0	30.5	0.0	0.0	30.5	31.1	0.0	31.1	0.0	0.0	31.1
Books	25	8.2	0.0	8.2	0.0	0.0	8.2	8.7	0.0	8.7	0.0	0.0	8.7	8.6	0.0	8.6	0.0	0.0	8.6
Music	26	8.7	0.0	8.7	0.0	0.0	8.7	8.4	0.0	8.4	0.0	0.0	8.4	8.1	0.0	8.1	0.0	0.0	8.1
Other	27	3.2	0.0	3.2	0.0	0.0	3.2	3.3	0.0	3.3	0.0	0.0	3.3	3.3	0.0	3.3	0.0	0.0	3.3

1. Used IPP transactions are zero in these estimates.

2. Consists primarily of statistical revisions to new investment from the NIPAs that have not been incorporated into the FAAs.

3. Excludes software "embedded," or bundled, in computers and other equipment.

4. Research and development (R&D) asset types are defined by the type of funder.

5. R&D investment excludes expenditures for software development. Software development expenditures are included in software investment on line 2.

6. Includes R&D investment by private universities and colleges. R&D investment by public universities and colleges is included in state and local government investment.

Relation of Private Fixed Investment in Intellectual Property Products (by type) in the Fixed Assets Accounts  
to the Corresponding Items in the National Income and Product Accounts  
[Billions of dollars]  
Bureau of Economic Analysis  
Last Revised: September 7, 2016

Asset Type	Line	2007						2008						2009					
		NIPA			FAA			NIPA			FAA			NIPA			FAA		
		Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)
		<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>
Total Nonresidential IPP	1	537.9	0.0	537.9	0.0	0.0	537.9	563.4	0.0	563.4	0.0	0.0	563.4	550.9	0.0	550.9	0.0	0.0	550.9
Software	2	244.2	0.0	244.2	0.0	0.0	244.2	258.5	0.0	258.5	0.0	0.0	258.5	256.8	0.0	256.8	0.0	0.0	256.8
Prepackaged <sup>3</sup>	3	70.3	0.0	70.3	0.0	0.0	70.3	72.8	0.0	72.8	0.0	0.0	72.8	71.3	0.0	71.3	0.0	0.0	71.3
Custom	4	81.7	0.0	81.7	0.0	0.0	81.7	88.5	0.0	88.5	0.0	0.0	88.5	86.5	0.0	86.5	0.0	0.0	86.5
Own-account	5	92.2	0.0	92.2	0.0	0.0	92.2	97.2	0.0	97.2	0.0	0.0	97.2	99.0	0.0	99.0	0.0	0.0	99.0
Research and development <sup>4,5</sup>	6	223.3	0.0	223.3	0.0	0.0	223.3	237.7	0.0	237.7	0.0	0.0	237.7	229.0	0.0	229.0	0.0	0.0	229.0
Business	7	210.8	0.0	210.8	0.0	0.0	210.8	224.5	0.0	224.5	0.0	0.0	224.5	214.0	0.0	214.0	0.0	0.0	214.0
Manufacturing	8	175.4	0.0	175.4	0.0	0.0	175.4	184.0	0.0	184.0	0.0	0.0	184.0	177.5	0.0	177.5	0.0	0.0	177.5
Pharmaceutical and medicine manufacturing	9	56.8	0.0	56.8	0.0	0.0	56.8	61.2	0.0	61.2	0.0	0.0	61.2	56.9	0.0	56.9	0.0	0.0	56.9
Chemical manufacturing, excl. pharmaceutical and medicine	10	8.9	0.0	8.9	0.0	0.0	8.9	11.3	0.0	11.3	0.0	0.0	11.3	10.4	0.0	10.4	0.0	0.0	10.4
Semiconductor and other electronic component manufacturing	11	18.9	0.0	18.9	0.0	0.0	18.9	22.4	0.0	22.4	0.0	0.0	22.4	20.9	0.0	20.9	0.0	0.0	20.9
Other computer and electronic product manufacturing	12	27.9	0.0	27.9	0.0	0.0	27.9	30.6	0.0	30.6	0.0	0.0	30.6	27.9	0.0	27.9	0.0	0.0	27.9
Motor vehicles, bodies and trailers, and parts manufacturing	13	16.9	0.0	16.9	0.0	0.0	16.9	14.0	0.0	14.0	0.0	0.0	14.0	12.2	0.0	12.2	0.0	0.0	12.2
Aerospace products and parts manufacturing	14	10.7	0.0	10.7	0.0	0.0	10.7	11.1	0.0	11.1	0.0	0.0	11.1	11.7	0.0	11.7	0.0	0.0	11.7
Other manufacturing	15	35.3	0.0	35.3	0.0	0.0	35.3	33.3	0.0	33.3	0.0	0.0	33.3	37.4	0.0	37.4	0.0	0.0	37.4
Nonmanufacturing	16	35.4	0.0	35.4	0.0	0.0	35.4	40.6	0.0	40.6	0.0	0.0	40.6	36.5	0.0	36.5	0.0	0.0	36.5
Scientific research and development services	17	7.3	0.0	7.3	0.0	0.0	7.3	9.2	0.0	9.2	0.0	0.0	9.2	9.1	0.0	9.1	0.0	0.0	9.1
All other nonmanufacturing	18	28.1	0.0	28.1	0.0	0.0	28.1	31.4	0.0	31.4	0.0	0.0	31.4	27.4	0.0	27.4	0.0	0.0	27.4
Nonprofit institutions serving households (NPISHs)	19	12.5	0.0	12.5	0.0	0.0	12.5	13.2	0.0	13.2	0.0	0.0	13.2	15.1	0.0	15.1	0.0	0.0	15.1
University and colleges	20	2.1	0.0	2.1	0.0	0.0	2.1	2.3	0.0	2.3	0.0	0.0	2.3	2.5	0.0	2.5	0.0	0.0	2.5
Other nonprofit institutions <sup>6</sup>	21	10.4	0.0	10.4	0.0	0.0	10.4	11.0	0.0	11.0	0.0	0.0	10.9	12.5	0.0	12.5	0.0	0.0	12.5
Entertainment, literary, and artistic originals	22	70.4	0.0	70.4	0.0	0.0	70.4	67.2	0.0	67.2	0.0	0.0	67.2	65.1	0.0	65.1	0.0	0.0	65.1
Theatrical movies	23	20.0	0.0	20.0	0.0	0.0	20.0	18.3	0.0	18.3	0.0	0.0	18.3	17.0	0.0	17.0	0.0	0.0	17.0
Long-lived television programs	24	30.4	0.0	30.4	0.0	0.0	30.4	28.6	0.0	28.6	0.0	0.0	28.6	28.4	0.0	28.4	0.0	0.0	28.4
Books	25	9.1	0.0	9.1	0.0	0.0	9.1	9.2	0.0	9.2	0.0	0.0	9.2	8.9	0.0	8.9	0.0	0.0	8.9
Music	26	7.8	0.0	7.8	0.0	0.0	7.8	7.9	0.0	7.9	0.0	0.0	7.9	7.9	0.0	7.9	0.0	0.0	7.9
Other	27	3.2	0.0	3.2	0.0	0.0	3.2	3.3	0.0	3.3	0.0	0.0	3.3	3.0	0.0	3.0	0.0	0.0	3.0

1. Used IPP transactions are zero in these estimates.

2. Consists primarily of statistical revisions to new investment from the NIPAs that have not been incorporated into the FAAs.

3. Excludes software "embedded," or bundled, in computers and other equipment.

4. Research and development (R&D) asset types are defined by the type of funder.

5. R&D investment excludes expenditures for software development. Software development expenditures are included in software investment on line 2.

6. Includes R&D investment by private universities and colleges. R&D investment by public universities and colleges is included in state and local government investment.

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to the Corresponding Items in the National Income and Product Accounts  
[Billions of dollars]  
Bureau of Economic Analysis  
Last Revised: September 7, 2016

Asset Type	Line	2010						2011						2012					
		NIPA			FAA			NIPA			FAA			NIPA			FAA		
		Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)
		<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>
Total Nonresidential IPP	1	564.3	0.0	564.3	0.0	0.0	564.4	592.2	0.0	592.2	0.0	0.0	592.2	621.7	0.0	621.7	0.0	0.0	621.7
Software	2	252.0	0.0	252.0	0.0	0.0	252.0	269.8	0.0	269.8	0.0	0.0	269.8	284.3	0.0	284.3	0.0	0.0	284.3
Prepackaged <sup>3</sup>	3	62.0	0.0	62.0	0.0	0.0	62.0	68.2	0.0	68.2	0.0	0.0	68.1	73.6	0.0	73.6	0.0	0.0	73.6
Custom	4	93.7	0.0	93.7	0.0	0.0	93.7	101.1	0.0	101.1	0.0	0.0	101.1	107.0	0.0	107.0	0.0	0.0	107.0
Own-account	5	96.3	0.0	96.3	0.0	0.0	96.3	100.6	0.0	100.6	0.0	0.0	100.6	103.7	0.0	103.7	0.0	0.0	103.7
Research and development <sup>4,5</sup>	6	240.2	0.0	240.2	0.0	0.0	240.2	250.0	0.0	250.0	0.0	0.0	250.0	263.0	0.0	263.0	0.0	0.0	263.0
Business	7	223.5	0.0	223.5	0.0	0.0	223.6	231.5	0.0	231.5	0.0	0.0	231.5	243.5	0.0	243.5	0.0	0.0	243.5
Manufacturing	8	185.0	0.0	185.0	0.0	0.0	185.0	191.5	0.0	191.5	0.0	0.0	191.5	203.2	0.0	203.2	0.0	0.0	203.2
Pharmaceutical and medicine manufacturing	9	63.6	0.0	63.6	0.0	0.0	63.6	60.2	0.0	60.2	0.0	0.0	60.2	63.6	0.0	63.6	0.0	0.0	63.6
Chemical manufacturing, excl. pharmaceutical and medicine	10	11.5	0.0	11.5	0.0	0.0	11.5	10.7	0.0	10.7	0.0	0.0	10.7	11.3	0.0	11.3	0.0	0.0	11.3
Semiconductor and other electronic component manufacturing	11	22.9	0.0	22.9	0.0	0.0	22.9	25.5	0.0	25.5	0.0	0.0	25.5	28.7	0.0	28.7	0.0	0.0	28.7
Other computer and electronic product manufacturing	12	28.2	0.0	28.2	0.0	0.0	28.2	29.8	0.0	29.8	0.0	0.0	29.8	29.7	0.0	29.7	0.0	0.0	29.7
Motor vehicles, bodies and trailers, and parts manufacturing	13	12.3	0.0	12.3	0.0	0.0	12.3	14.4	0.0	14.4	0.0	0.0	14.4	16.8	0.0	16.8	0.0	0.0	16.8
Aerospace products and parts manufacturing	14	9.2	0.0	9.2	0.0	0.0	9.2	7.8	0.0	7.8	0.0	0.0	7.8	7.9	0.0	7.9	0.0	0.0	7.9
Other manufacturing	15	37.3	0.0	37.3	0.0	0.0	37.3	43.2	0.0	43.2	0.0	0.0	43.2	45.2	0.0	45.2	0.0	0.0	45.2
Nonmanufacturing	16	38.6	0.0	38.6	0.0	0.0	38.6	39.9	0.0	39.9	0.0	0.0	39.9	40.4	0.0	40.4	0.0	0.0	40.4
Scientific research and development services	17	7.7	0.0	7.7	0.0	0.0	7.7	8.0	0.0	8.0	0.0	0.0	8.0	9.1	0.0	9.1	0.0	0.0	9.1
All other nonmanufacturing	18	30.9	0.0	30.9	0.0	0.0	30.9	32.0	0.0	32.0	0.0	0.0	32.0	31.2	0.0	31.2	0.0	0.0	31.2
Nonprofit institutions serving households (NPISHs)	19	16.6	0.0	16.6	0.0	0.0	16.6	18.5	0.0	18.5	0.0	0.0	18.5	19.4	0.0	19.4	0.0	0.0	19.4
University and colleges	20	2.8	0.0	2.8	0.0	0.0	2.8	3.1	0.0	3.1	0.0	0.0	3.1	3.3	0.0	3.3	0.0	0.0	3.3
Other nonprofit institutions <sup>6</sup>	21	13.8	0.0	13.8	0.0	0.0	13.8	15.5	0.0	15.5	0.0	0.0	15.5	16.2	0.0	16.2	0.0	0.0	16.2
Entertainment, literary, and artistic originals	22	72.2	0.0	72.2	0.0	0.0	72.2	72.4	0.0	72.4	0.0	0.0	72.4	74.5	0.0	74.5	0.0	0.0	74.5
Theatrical movies	23	21.3	0.0	21.3	0.0	0.0	21.3	21.4	0.0	21.4	0.0	0.0	21.4	20.8	0.0	20.8	0.0	0.0	20.8
Long-lived television programs	24	30.5	0.0	30.5	0.0	0.0	30.5	31.5	0.0	31.5	0.0	0.0	31.5	34.3	0.0	34.3	0.0	0.0	34.3
Books	25	10.3	0.0	10.3	0.0	0.0	10.3	10.1	0.0	10.1	0.0	0.0	10.1	10.0	0.0	10.0	0.0	0.0	10.0
Music	26	7.6	0.0	7.6	0.0	0.0	7.6	6.8	0.0	6.8	0.0	0.0	6.8	6.7	0.0	6.7	0.0	0.0	6.7
Other	27	2.5	0.0	2.5	0.0	0.0	2.5	2.6	0.0	2.6	0.0	0.0	2.6	2.7	0.0	2.7	0.0	0.0	2.7

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4. Research and development (R&D) asset types are defined by the type of funder.

5. R&D investment excludes expenditures for software development. Software development expenditures are included in software investment on line 2.

6. Includes R&D investment by private universities and colleges. R&D investment by public universities and colleges is included in state and local government investment.

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Asset Type	Line	2013						2014						2015					
		NIPA			FAA			NIPA			FAA			NIPA			FAA		
		Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)	Published Investment (Table 5.6.5)	Used <sup>1</sup>	New	Used <sup>1</sup>	Other <sup>2</sup>	Published Investment (Table 2.7)
		<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>	<i>minus</i>	<i>equals</i>		<i>plus</i>	<i>plus</i>	<i>equals</i>
Total Nonresidential IPP	1	647.9	0.0	647.9	0.0	0.0	647.9	679.6	0.0	679.6	0.0	0.0	679.6	717.9	0.0	717.9	0.0	0.0	717.9
Software	2	294.6	0.0	294.6	0.0	0.0	294.6	311.1	0.0	311.1	0.0	0.0	311.1	326.6	0.0	326.6	0.0	0.0	326.6
Prepackaged <sup>3</sup>	3	77.6	0.0	77.6	0.0	0.0	77.6	82.9	0.0	82.9	0.0	0.0	82.9	89.9	0.0	89.9	0.0	0.0	89.9
Custom	4	108.6	0.0	108.6	0.0	0.0	108.6	112.6	0.0	112.6	0.0	0.0	112.6	112.8	0.0	112.8	0.0	0.0	112.8
Own-account	5	108.5	0.0	108.5	0.0	0.0	108.5	115.5	0.0	115.5	0.0	0.0	115.5	123.9	0.0	123.9	0.0	0.0	123.9
Research and development <sup>4,5</sup>	6	278.5	0.0	278.5	0.0	0.0	278.5	293.2	0.0	293.2	0.0	0.0	293.2	312.4	0.0	312.4	0.0	0.0	312.4
Business	7	255.4	0.0	255.4	0.0	0.0	255.4	270.2	0.0	270.2	0.0	0.0	270.2	288.9	0.0	288.9	0.0	0.0	288.9
Manufacturing	8	213.2	0.0	213.2	0.0	0.0	213.2	225.0	0.0	225.0	0.0	0.0	225.0	238.2	0.0	238.2	0.0	0.0	238.2
Pharmaceutical and medicine manufacturing	9	65.8	0.0	65.8	0.0	0.0	65.8	69.3	0.0	69.3	0.0	0.0	69.3	77.4	0.0	77.4	0.0	0.0	77.4
Chemical manufacturing, excl. pharmaceutical and medicine	10	11.5	0.0	11.5	0.0	0.0	11.5	12.4	0.0	12.4	0.0	0.0	12.4	12.2	0.0	12.2	0.0	0.0	12.2
Semiconductor and other electronic component manufacturing	11	31.9	0.0	31.9	0.0	0.0	31.9	32.5	0.0	32.5	0.0	0.0	32.5	33.6	0.0	33.6	0.0	0.0	33.6
Other computer and electronic product manufacturing	12	29.7	0.0	29.7	0.0	0.0	29.7	33.7	0.0	33.7	0.0	0.0	33.7	36.1	0.0	36.1	0.0	0.0	36.1
Motor vehicles, bodies and trailers, and parts manufacturing	13	17.4	0.0	17.4	0.0	0.0	17.4	19.3	0.0	19.3	0.0	0.0	19.3	19.3	0.0	19.3	0.0	0.0	19.3
Aerospace products and parts manufacturing	14	9.0	0.0	9.0	0.0	0.0	9.0	9.1	0.0	9.1	0.0	0.0	9.1	9.4	0.0	9.4	0.0	0.0	9.4
Other manufacturing	15	47.8	0.0	47.8	0.0	0.0	47.8	48.7	0.0	48.7	0.0	0.0	48.7	50.2	0.0	50.2	0.0	0.0	50.2
Nonmanufacturing	16	42.2	0.0	42.2	0.0	0.0	42.2	45.2	0.0	45.2	0.0	0.0	45.2	50.7	0.0	50.7	0.0	0.0	50.7
Scientific research and development services	17	7.5	0.0	7.5	0.0	0.0	7.5	7.0	0.0	7.0	0.0	0.0	7.0	7.1	0.0	7.1	0.0	0.0	7.1
All other nonmanufacturing	18	34.7	0.0	34.7	0.0	0.0	34.7	38.1	0.0	38.1	0.0	0.0	38.1	43.6	0.0	43.6	0.0	0.0	43.6
Nonprofit institutions serving households (NPISHs)	19	23.1	0.0	23.1	0.0	0.0	23.1	23.0	0.0	23.0	0.0	0.0	23.0	23.5	0.0	23.5	0.0	0.0	23.5
University and colleges	20	4.0	0.0	4.0	0.0	0.0	4.0	4.1	0.0	4.1	0.0	0.0	4.1	4.2	0.0	4.2	0.0	0.0	4.2
Other nonprofit institutions <sup>6</sup>	21	19.1	0.0	19.1	0.0	0.0	19.1	18.9	0.0	18.9	0.0	0.0	18.9	19.3	0.0	19.3	0.0	0.0	19.3
Entertainment, literary, and artistic originals	22	74.9	0.0	74.9	0.0	0.0	74.9	75.3	0.0	75.3	0.0	0.0	75.3	79.0	0.0	79.0	0.0	0.0	79.0
Theatrical movies	23	21.0	0.0	21.0	0.0	0.0	21.0	18.6	0.0	18.6	0.0	0.0	18.6	19.7	0.0	19.7	0.0	0.0	19.7
Long-lived television programs	24	34.7	0.0	34.7	0.0	0.0	34.7	37.3	0.0	37.3	0.0	0.0	37.3	39.1	0.0	39.1	0.0	0.0	39.1
Books	25	10.0	0.0	10.0	0.0	0.0	10.0	10.1	0.0	10.1	0.0	0.0	10.1	10.1	0.0	10.1	0.0	0.0	10.1
Music	26	6.5	0.0	6.5	0.0	0.0	6.5	6.6	0.0	6.6	0.0	0.0	6.6	7.3	0.0	7.3	0.0	0.0	7.3
Other	27	2.7	0.0	2.7	0.0	0.0	2.7	2.7	0.0	2.7	0.0	0.0	2.7	2.9	0.0	2.9	0.0	0.0	2.9

1. Used IPP transactions are zero in these estimates.

2. Consists primarily of statistical revisions to new investment from the NIPAs that have not been incorporated into the FAAs.

3. Excludes software "embedded," or bundled, in computers and other equipment.

4. Research and development (R&D) asset types are defined by the type of funder.

5. R&D investment excludes expenditures for software development. Software development expenditures are included in software investment on line 2.

6. Includes R&D investment by private universities and colleges. R&D investment by public universities and colleges is included in state and local government investment.