

## Real Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade, 2000:III

TABLES 1, 2, AND 3 SHOW quarterly and monthly estimates of real inventories, sales, and inventory-sales ratios, respectively. Table 4 shows real manufacturing inventories by stage of fabrication. Real estimates are in chained (1996) dollars.

### Data availability

Quarterly estimates for 1996:IV–2000:I of real manufacturing and trade inventories, sales, and inventory-sales ratios and of real manufacturing inventories by stage of fabrication were published in the October 2000 SURVEY OF CURRENT BUSINESS.

The estimates for 1967–99 are available as downloadable files on BEA's Web site at <www.bea.doc.gov>; click on "GDP and related data" and look under "Supplementary estimates," underlying detail estimates for change in private inventories, historical file.

The most recent estimates are also available by subscription from BEA: On diskette as part of the NIPA monthly update (product number NDS-0171, price \$204.00) and as separate monthly printouts (product number NLS-0166, price \$108.00). To order, call the BEA Order Desk at 1-800-704-0415 (outside the United States, 202-606-9666).

**Table 1.—Real Manufacturing and Trade Inventories, Seasonally Adjusted, End of Period**  
[Billions of chained (1996) dollars]

	2000		2000					
	II	III	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>
<b>Manufacturing and trade</b> .....	<b>1,186.3</b>	<b>1,200.9</b>	<b>1,178.7</b>	<b>1,186.3</b>	<b>1,192.3</b>	<b>1,199.0</b>	<b>1,200.9</b>	<b>1,207.5</b>
<b>Manufacturing</b> .....	<b>477.9</b>	<b>483.5</b>	<b>475.9</b>	<b>477.9</b>	<b>481.8</b>	<b>482.9</b>	<b>483.5</b>	<b>485.9</b>
Durable goods .....	298.5	302.3	297.5	298.5	301.0	302.5	302.3	304.7
Primary metal industries .....	25.3	25.4	25.2	25.3	25.5	25.4	25.4	25.4
Fabricated metal products .....	31.0	31.3	30.8	31.0	31.3	31.5	31.3	31.3
Industrial machinery and equipment .....	63.7	65.2	63.3	63.7	64.6	65.1	65.2	66.1
Electronic and other electric equipment .....	50.4	51.3	50.1	50.4	51.2	51.6	51.3	52.3
Transportation equipment .....	63.3	63.3	63.3	63.3	63.4	63.3	63.3	63.6
Motor vehicles and equipment .....	17.8	18.2	17.7	17.8	18.0	18.1	18.2	18.2
Other transportation equipment .....	45.6	45.2	45.8	45.6	45.5	45.4	45.2	45.5
Other durable goods <sup>1</sup> .....	65.3	66.5	65.1	65.3	65.7	66.3	66.5	66.9
Nondurable goods .....	179.4	181.2	178.4	179.4	180.8	180.4	181.2	181.2
Food and kindred products .....	41.8	41.1	41.8	41.8	41.8	41.6	41.1	41.0
Paper and allied products .....	17.2	17.4	17.2	17.2	17.5	17.4	17.4	17.3
Chemicals and allied products .....	49.1	50.6	48.4	49.1	50.0	50.1	50.6	50.6
Petroleum and coal products .....	12.0	11.9	11.9	12.0	12.0	11.8	11.9	12.0
Rubber and miscellaneous plastic products .....	17.4	17.5	17.4	17.4	17.5	17.5	17.5	17.6
Other nondurable goods <sup>2</sup> .....	41.5	42.1	41.2	41.5	41.5	41.6	42.1	42.1
<b>Merchant wholesalers</b> .....	<b>336.0</b>	<b>340.0</b>	<b>333.1</b>	<b>336.0</b>	<b>337.0</b>	<b>339.5</b>	<b>340.0</b>	<b>340.9</b>
Durable goods .....	217.4	218.7	215.0	217.4	217.7	218.7	218.7	219.2
Nondurable goods .....	118.6	121.3	118.1	118.6	119.3	120.8	121.3	121.6
Groceries and farm products .....	40.7	41.9	40.8	40.7	40.9	41.7	41.9	41.6
Other nondurable goods .....	78.1	79.6	77.5	78.1	78.5	79.3	79.6	80.2
<b>Retail trade</b> .....	<b>372.2</b>	<b>377.2</b>	<b>369.7</b>	<b>372.2</b>	<b>373.4</b>	<b>376.4</b>	<b>377.2</b>	<b>380.5</b>
Durable goods .....	208.2	211.7	205.8	208.2	209.9	211.5	211.7	213.6
Motor vehicle dealers <sup>3</sup> .....	106.4	109.0	104.8	106.4	107.9	108.6	109.0	110.2
Other durable goods <sup>3</sup> .....	101.8	102.6	101.0	101.8	102.0	102.9	102.6	103.4
Nondurable goods .....	164.2	165.7	163.9	164.2	163.7	165.1	165.7	167.1
Food stores .....	31.8	31.9	32.3	31.8	31.7	31.7	31.9	31.9
Other nondurable goods .....	132.4	134.0	131.7	132.4	132.1	133.4	134.0	135.3

<sup>p</sup> Preliminary.

<sup>r</sup> Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

3. Prior to 1981, inventories and sales of auto and home supply stores are included in motor vehicle dealers. Beginning with 1981, these inventories are included in "other durable goods."

NOTE.—Manufacturing inventories are classified by the type of product produced by the establishment holding the inventory. Trade inventories are classified by the type of product sold by the establishment holding the inventory.

Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

**Table 2.—Real Manufacturing and Trade Sales, Seasonally Adjusted at Monthly Rate**  
[Billions of chained (1996) dollars]

	2000		2000					
	II	III	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>
<b>Manufacturing and trade</b> .....	<b>906.3</b>	<b>911.5</b>	<b>907.0</b>	<b>911.5</b>	<b>907.7</b>	<b>915.4</b>	<b>911.5</b>	<b>909.4</b>
<b>Manufacturing</b> .....	<b>377.9</b>	<b>376.8</b>	<b>379.5</b>	<b>381.2</b>	<b>374.7</b>	<b>379.4</b>	<b>376.3</b>	<b>374.7</b>
Durable goods .....	224.7	224.5	225.6	228.7	222.9	225.4	225.3	223.2
Primary metal industries .....	16.6	16.4	16.6	16.7	16.5	16.4	16.2	16.0
Fabricated metal products .....	20.0	19.7	20.1	20.0	19.8	19.9	19.6	19.4
Industrial machinery and equipment .....	54.1	56.1	54.1	53.8	56.4	56.2	55.8	56.7
Electronic and other electric equipment .....	42.5	43.6	42.8	43.7	43.1	43.6	44.0	43.6
Transportation equipment .....	49.5	47.4	49.8	52.1	46.4	47.5	48.3	46.0
Motor vehicles and equipment .....	34.0	32.9	33.9	35.4	33.3	32.4	33.1	32.4
Other transportation equipment .....	15.5	14.5	15.8	16.6	13.2	15.1	15.2	13.6
Other durable goods <sup>1</sup> .....	43.8	43.6	44.1	44.0	43.1	44.1	43.7	43.9
Nondurable goods .....	154.0	153.1	154.6	153.6	152.7	154.8	152.0	152.3
Food and kindred products .....	42.5	42.8	42.3	42.3	42.2	43.2	42.9	42.9
Paper and allied products .....	13.8	13.6	13.8	13.7	13.7	13.5	13.6	13.5
Chemicals and allied products .....	34.1	34.0	34.5	34.0	33.9	34.3	33.9	33.9
Petroleum and coal products .....	15.0	14.8	14.8	15.1	14.9	15.4	14.3	14.8
Rubber and miscellaneous plastic products .....	14.5	14.2	14.7	14.6	14.2	14.3	14.0	14.0
Other nondurable goods <sup>2</sup> .....	34.3	33.9	34.6	34.1	33.9	34.2	33.7	33.5
<b>Merchant wholesalers</b> .....	<b>250.3</b>	<b>252.8</b>	<b>249.2</b>	<b>251.8</b>	<b>252.1</b>	<b>253.9</b>	<b>252.5</b>	<b>251.9</b>
Durable goods .....	137.3	137.8	137.5	137.6	137.0	138.5	137.8	137.7
Nondurable goods .....	113.0	115.0	111.8	114.2	115.0	115.4	114.7	114.2
Groceries and farm products .....	45.2	46.8	44.4	46.2	46.9	47.2	46.3	45.8
Other nondurable goods .....	67.8	68.4	67.4	68.1	68.2	68.5	68.5	68.4
<b>Retail trade</b> .....	<b>278.0</b>	<b>281.8</b>	<b>278.2</b>	<b>278.4</b>	<b>280.8</b>	<b>282.0</b>	<b>282.5</b>	<b>282.6</b>
Durable goods .....	123.6	125.3	123.4	123.5	125.0	124.9	126.1	125.2
Motor vehicle dealers <sup>3</sup> .....	65.2	66.0	64.9	65.3	66.0	66.6	66.4	65.7
Other durable goods <sup>3</sup> .....	56.1	56.8	56.3	56.0	56.5	56.8	56.9	56.8
Nondurable goods .....	157.8	160.4	158.2	158.4	159.7	160.8	160.6	161.4
Food stores .....	38.1	37.8	37.9	38.1	37.8	37.8	37.9	38.2
Other nondurable goods .....	119.1	121.7	119.6	119.5	121.1	122.3	121.9	122.5

<sup>p</sup> Preliminary.

<sup>r</sup> Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

3. Prior to 1981, inventories and sales of auto and home supply stores are included in motor vehicle dealers. Beginning with 1981, these inventories are included in "other durable goods."

NOTE.—Chained (1996) dollar sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

**Table 3.—Real Inventory-Sales Ratios for Manufacturing and Trade, Seasonally Adjusted**  
[Ratio, based on chained (1996) dollars]

	2000		2000					
	II	III	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>
<b>Manufacturing and trade</b> .....	<b>1.31</b>	<b>1.32</b>	<b>1.30</b>	<b>1.30</b>	<b>1.31</b>	<b>1.31</b>	<b>1.32</b>	<b>1.33</b>
<b>Manufacturing</b> .....	<b>1.26</b>	<b>1.28</b>	<b>1.25</b>	<b>1.25</b>	<b>1.29</b>	<b>1.27</b>	<b>1.29</b>	<b>1.30</b>
Durable goods .....	1.33	1.35	1.32	1.31	1.35	1.34	1.34	1.37
Primary metal industries .....	1.53	1.55	1.52	1.51	1.55	1.55	1.56	1.58
Fabricated metal products .....	1.55	1.59	1.53	1.55	1.59	1.58	1.60	1.61
Industrial machinery and equipment .....	1.18	1.16	1.17	1.18	1.15	1.16	1.17	1.16
Electronic and other electric equipment .....	1.19	1.18	1.17	1.18	1.19	1.18	1.17	1.20
Transportation equipment .....	1.28	1.34	1.28	1.22	1.36	1.33	1.31	1.38
Motor vehicles and equipment .....	.52	.55	.52	.50	.54	.56	.55	.56
Other transportation equipment .....	2.95	3.13	2.90	2.75	3.46	3.01	2.97	3.34
Other durable goods <sup>1</sup> .....	1.49	1.53	1.48	1.48	1.53	1.50	1.52	1.52
Nondurable goods .....	1.16	1.18	1.15	1.17	1.18	1.17	1.19	1.19
Food and kindred products .....	.98	.96	.99	.99	.99	.96	.96	.96
Paper and allied products .....	1.25	1.28	1.24	1.26	1.28	1.29	1.28	1.28
Chemicals and allied products .....	1.44	1.49	1.40	1.44	1.48	1.46	1.50	1.50
Petroleum and coal products .....	.80	.80	.80	.80	.80	.77	.84	.81
Rubber and miscellaneous plastic products .....	1.19	1.24	1.18	1.19	1.23	1.22	1.25	1.25
Other nondurable goods <sup>2</sup> .....	1.21	1.24	1.19	1.22	1.22	1.22	1.25	1.26
<b>Merchant wholesalers</b> .....	<b>1.34</b>	<b>1.35</b>	<b>1.34</b>	<b>1.34</b>	<b>1.34</b>	<b>1.34</b>	<b>1.35</b>	<b>1.35</b>
Durable goods .....	1.58	1.59	1.56	1.58	1.59	1.58	1.59	1.59
Nondurable goods .....	1.05	1.05	1.06	1.04	1.04	1.05	1.06	1.07
Groceries and farm products .....	.90	.90	.92	.88	.87	.88	.91	.91
Other nondurable goods .....	1.15	1.16	1.15	1.15	1.15	1.16	1.16	1.17
<b>Retail trade</b> .....	<b>1.34</b>	<b>1.34</b>	<b>1.33</b>	<b>1.34</b>	<b>1.33</b>	<b>1.34</b>	<b>1.34</b>	<b>1.35</b>
Durable goods .....	1.68	1.69	1.67	1.69	1.68	1.69	1.68	1.71
Motor vehicle dealers <sup>3</sup> .....	1.63	1.65	1.62	1.63	1.64	1.66	1.64	1.68
Other durable goods <sup>3</sup> .....	1.81	1.81	1.79	1.82	1.80	1.81	1.80	1.82
Nondurable goods .....	1.04	1.03	1.04	1.04	1.03	1.03	1.03	1.04
Food stores .....	.84	.84	.85	.84	.84	.84	.84	.84
Other nondurable goods .....	1.11	1.10	1.10	1.11	1.09	1.09	1.10	1.11

<sup>r</sup> Preliminary.  
<sup>r</sup> Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

3. Prior to 1981, inventories and sales of auto and home supply stores are included in motor vehicle dealers. Beginning with 1981, these inventories are included in "other durable goods."

NOTE.—Manufacturing inventories are classified by the type of product produced by the establishment holding the inventory. Trade inventories are classified by the type of product sold by the establishment holding the inventory.

**Table 4.—Real Manufacturing Inventories by Stage of Fabrication, Seasonally Adjusted, End of Period**  
[Billions of chained (1996) dollars]

	2000		2000					
	II	III	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>
<b>Materials and supplies</b>								
<b>Manufacturing</b> .....	<b>168.2</b>	<b>170.0</b>	<b>167.9</b>	<b>168.2</b>	<b>169.2</b>	<b>169.9</b>	<b>170.0</b>	<b>169.7</b>
Durable goods .....	102.5	104.0	102.1	102.5	103.2	104.2	104.0	104.4
Primary metal industries .....	8.8	8.8	8.8	8.8	8.9	8.8	8.8	8.8
Fabricated metal products .....	11.9	11.8	11.9	11.9	12.0	12.0	11.8	11.7
Industrial machinery and equipment .....	22.9	23.3	22.4	22.9	22.7	23.2	23.3	22.9
Electronic and other electric equipment .....	19.6	20.2	19.7	19.6	20.0	20.4	20.2	20.5
Motor vehicles and equipment .....	9.4	10.0	9.5	9.4	9.7	9.7	10.0	10.0
Other transportation equipment .....	5.3	5.1	5.5	5.3	5.4	5.4	5.1	5.5
Other durable goods <sup>1</sup> .....	24.7	25.1	24.4	24.7	24.7	24.9	25.1	25.2
Nondurable goods .....	65.7	66.0	65.8	65.7	65.9	65.8	66.0	65.3
Food and kindred products .....	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
Paper and allied products .....	8.3	8.3	8.4	8.3	8.4	8.3	8.3	8.2
Chemicals and allied products .....	16.0	16.2	16.0	16.0	16.1	16.0	16.2	15.8
Petroleum and coal products .....	3.9	3.8	3.9	3.9	3.8	3.8	3.8	3.7
Rubber and miscellaneous plastic products .....	7.2	7.2	7.2	7.2	7.3	7.3	7.2	7.2
Other nondurable goods <sup>2</sup> .....	16.7	17.1	16.7	16.7	16.9	16.9	17.1	17.0
<b>Work-in-process</b>								
<b>Manufacturing</b> .....	<b>136.0</b>	<b>134.9</b>	<b>136.0</b>	<b>136.0</b>	<b>136.1</b>	<b>135.3</b>	<b>134.9</b>	<b>135.6</b>
Durable goods .....	107.1	105.5	107.5	107.1	106.7	105.9	105.5	105.6
Primary metal industries .....	8.4	8.5	8.3	8.4	8.4	8.5	8.5	8.4
Fabricated metal products .....	8.7	8.6	8.6	8.7	8.7	8.7	8.6	8.7
Industrial machinery and equipment .....	19.6	19.2	19.8	19.6	19.9	19.4	19.2	19.7
Electronic and other electric equipment .....	15.9	15.0	15.7	15.9	15.8	15.7	15.0	15.1
Motor vehicles and equipment .....	4.3	4.1	4.3	4.3	4.0	4.0	4.1	4.2
Other transportation equipment .....	34.1	33.8	34.5	34.1	33.7	33.4	33.8	33.4
Other durable goods <sup>1</sup> .....	16.2	16.4	16.5	16.2	16.3	16.4	16.4	16.4
Nondurable goods .....	28.9	29.3	28.4	28.9	29.4	29.3	29.3	29.9
Food and kindred products .....	7.1	6.9	7.1	7.1	7.0	7.0	6.9	6.8
Paper and allied products .....	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7
Chemicals and allied products .....	7.5	8.0	7.2	7.5	8.1	8.0	8.0	8.3
Petroleum and coal products .....	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.9
Rubber and miscellaneous plastic products .....	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2
Other nondurable goods <sup>2</sup> .....	7.7	7.7	7.6	7.7	7.5	7.7	7.7	7.7
<b>Finished goods</b>								
<b>Manufacturing</b> .....	<b>173.7</b>	<b>178.6</b>	<b>172.0</b>	<b>173.7</b>	<b>176.5</b>	<b>177.7</b>	<b>178.6</b>	<b>180.6</b>
Durable goods .....	89.0	93.0	88.0	89.0	91.3	92.6	93.0	94.9
Primary metal industries .....	8.0	8.1	8.1	8.0	8.2	8.1	8.1	8.1
Fabricated metal products .....	10.5	10.9	10.3	10.5	10.6	10.8	10.9	10.9
Industrial machinery and equipment .....	21.2	22.9	21.2	21.2	22.1	22.6	22.9	23.6
Electronic and other electric equipment .....	14.9	16.1	14.7	14.9	15.3	15.5	16.1	16.7
Motor vehicles and equipment .....	4.1	4.1	4.0	4.1	4.3	4.3	4.1	4.1
Other transportation equipment .....	6.2	6.3	5.8	6.2	6.4	6.6	6.3	6.6
Other durable goods <sup>1</sup> .....	24.3	25.0	24.2	24.3	24.7	25.0	25.0	25.2
Nondurable goods .....	84.7	85.8	84.2	84.7	85.4	85.3	85.8	86.0
Food and kindred products .....	21.4	20.8	21.3	21.4	21.4	21.3	20.8	20.9
Paper and allied products .....	7.2	7.4	7.1	7.2	7.4	7.4	7.4	7.3
Chemicals and allied products .....	25.6	26.4	25.2	25.6	25.9	26.0	26.4	26.5
Petroleum and coal products .....	5.3	5.5	5.3	5.3	5.4	5.3	5.5	5.4
Rubber and miscellaneous plastic products .....	8.0	8.1	8.0	8.0	8.0	8.1	8.1	8.2
Other nondurable goods <sup>2</sup> .....	17.1	17.3	16.9	17.1	17.0	17.0	17.3	17.4

<sup>r</sup> Preliminary.  
<sup>r</sup> Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

NOTE.—Manufacturing inventories are classified by the type of product produced by the establishment holding the inventory.

Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.