

Real Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade for the Third Quarter of 2009

This report presents quarterly estimates for the second and third quarters of 2009 and monthly estimates for May 2009 to October 2009.

Tables 1B, 2B, 3B, and 4B present chain-weighted estimates. Table 1B presents inventories. Table 2B presents sales. Table 3B presents the inventory-sales ratios that can be used to assess the likelihood that businesses will add to, or reduce, inventories in response to changes in demand; these ratios supplement the quarterly current-dollar and real estimates of ratios of

inventories to final sales of domestic business, of non-farm business, and of goods and structures that are presented in NIPA tables 5.7.5B and 5.7.6B. Table 4B presents estimates of manufacturing inventories by stage of fabrication.

The estimates for 1967 forward are available in interactive tables on BEA's Web site at www.bea.gov. Click on "Gross Domestic Product," and under "Supplemental Estimates," click on "Underlying detail tables" and then on "List of Underlying Detail Tables."

Table 1B. Real Manufacturing and Trade Inventories, Seasonally Adjusted, End of Period

[Billions of chained (2005) dollars]

	2009		2009					
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p
Manufacturing and trade industries	1,325.8	1,292.7	1,342.1	1,325.8	1,314.8	1,299.8	1,292.7	1,292.2
Manufacturing	520.0	506.2	523.7	520.0	517.1	513.2	506.2	506.5
Durable goods	314.2	302.1	317.5	314.2	311.5	306.6	302.1	301.1
Wood products.....	9.3	9.1	9.5	9.3	9.3	9.2	9.1	9.0
Nonmetallic mineral products.....	11.3	11.1	11.3	11.3	11.1	11.1	11.1	11.0
Primary metals.....	24.0	22.9	24.6	24.0	23.4	23.1	22.9	22.7
Fabricated metal products.....	38.5	36.8	39.0	38.5	37.9	37.4	36.8	36.4
Machinery.....	42.2	39.9	42.6	42.2	41.2	40.7	39.9	39.6
Computer and electronic products.....	55.1	54.3	56.3	55.1	54.6	54.4	54.3	54.1
Electrical equipment, appliances, and components.....	13.5	13.0	13.7	13.5	13.4	13.2	13.0	12.7
Transportation equipment.....	92.3	88.2	92.2	92.3	93.2	90.4	88.2	88.9
Furniture and related products.....	7.0	6.8	7.2	7.0	6.9	6.8	6.8	6.7
Miscellaneous manufacturing.....	21.7	21.0	21.8	21.7	21.4	21.2	21.0	20.8
Nondurable goods	206.6	204.7	207.1	206.6	206.4	207.2	204.7	206.0
Food products.....	38.3	38.1	38.7	38.3	38.5	38.7	38.1	38.3
Beverage and tobacco products.....	13.9	14.0	13.9	13.9	13.9	14.0	14.0	14.0
Textile mills.....	4.8	4.6	4.8	4.8	4.7	4.6	4.6	4.5
Textile product mills.....	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0
Apparel.....	6.4	6.2	6.5	6.4	6.4	6.3	6.2	6.2
Leather and allied products.....	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.5
Paper products.....	16.6	16.9	16.4	16.6	16.7	16.9	16.9	16.9
Printing and related support activities.....	6.1	6.2	6.2	6.1	6.1	6.2	6.2	6.3
Petroleum and coal products.....	28.1	27.2	27.3	28.1	28.2	28.8	27.2	28.1
Chemical products.....	65.9	65.9	66.5	65.9	65.7	65.8	65.9	65.9
Plastics and rubber products.....	21.3	20.6	21.3	21.3	20.9	20.7	20.6	20.5
Merchant wholesale trade	355.4	340.8	362.8	355.4	350.3	345.2	340.8	340.6
Durable goods.....	213.6	203.9	217.2	213.6	210.3	206.5	203.9	202.7
Nondurable goods.....	141.7	136.7	145.4	141.7	139.9	138.5	136.7	137.7
Retail trade	450.0	445.7	455.1	450.0	447.1	441.2	445.7	445.1
Motor vehicle and parts dealers.....	141.0	142.2	145.1	141.0	139.6	135.1	142.2	142.7
Furniture and home furnishings and electronics and appliance stores.....	27.1	26.8	27.2	27.1	26.8	26.8	26.8	27.1
Building material and garden equipment and supplies stores.....	48.3	47.7	48.9	48.3	47.9	47.7	47.7	47.3
Food and beverage stores.....	37.1	37.1	37.2	37.1	37.2	37.0	37.1	37.1
Clothing and clothing accessories stores.....	37.6	36.2	37.8	37.6	37.2	36.8	36.2	36.0
General merchandise stores.....	72.0	71.0	71.8	72.0	71.7	71.3	71.0	70.9
Other retail stores.....	86.2	84.2	86.5	86.2	85.9	85.4	84.2	83.6

^p Preliminary

^r Revised

Note. Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (2005) dollar inventory series are calculated to ensure that the chained (2005) dollar

change in inventories for 2005 equals the current-dollar change in inventories for 2005 and that the average of the 2004 and 2005 end-of-year chain-weighted and fixed-weighted inventories are equal. 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 2B. Real Manufacturing and Trade Sales, Seasonally Adjusted at Monthly Rate

[Billions of chained (2005) dollars]

	2009		2009					
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p
Manufacturing and trade industries	920.4	924.4	919.9	915.6	925.7	922.8	924.9	928.9
Manufacturing	320.3	320.7	318.3	319.2	322.4	317.5	322.3	324.6
Durable goods	159.6	161.5	157.8	159.0	162.7	159.7	162.0	161.5
Wood products	7.8	7.9	7.9	7.8	7.8	7.8	7.9	8.0
Nonmetallic mineral products	6.4	6.6	6.4	6.5	6.7	6.6	6.6	6.4
Primary metals	11.7	12.1	11.6	11.7	12.4	12.0	12.0	12.4
Fabricated metal products	20.1	20.5	19.9	20.1	20.5	20.4	20.6	20.6
Machinery	20.2	19.5	20.2	20.4	19.6	19.3	19.6	19.1
Computer and electronic products	30.6	32.0	30.2	30.5	32.8	31.9	31.2	33.1
Electrical equipment, appliances, and components	7.2	7.1	7.2	7.2	7.3	7.0	7.0	7.0
Transportation equipment	40.8	41.3	39.7	40.2	40.8	40.2	42.9	40.9
Furniture and related products	4.6	4.5	4.6	4.5	4.5	4.4	4.4	4.4
Miscellaneous manufacturing	10.9	11.0	10.9	10.9	11.3	11.0	10.8	10.9
Nondurable goods	160.3	159.0	159.9	159.8	159.4	157.5	160.0	162.7
Food products	43.0	42.9	42.7	42.8	43.1	42.6	43.0	43.4
Beverage and tobacco products	9.9	9.7	9.7	9.9	9.6	9.7	9.7	9.7
Textile mills	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1
Textile product mills	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Apparel	2.1	2.0	2.0	2.1	2.0	1.9	2.0	2.0
Leather and allied products	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Paper products	11.1	11.3	11.1	11.2	11.3	11.3	11.3	11.2
Printing and related support activities	7.0	6.9	6.9	6.9	6.9	6.8	6.8	6.6
Petroleum and coal products	29.4	28.2	29.7	28.8	28.6	27.2	28.9	30.7
Chemical products	41.0	41.1	41.0	41.3	40.9	41.1	41.2	41.6
Plastics and rubber products	13.4	13.6	13.3	13.5	13.7	13.6	13.6	13.7
Merchant wholesale trade	287.5	288.9	288.3	283.9	290.6	286.1	290.0	288.7
Durable goods	135.1	137.8	134.6	135.5	136.8	137.6	139.1	140.0
Nondurable goods	151.0	149.8	152.1	147.2	152.3	147.4	149.8	147.8
Retail trade	309.6	311.8	310.4	309.3	309.8	316.6	309.1	312.3
Motor vehicle and parts dealers	57.9	60.3	57.8	58.5	59.6	65.4	55.9	59.4
Furniture and home furnishings and electronics and appliance stores	20.9	21.5	20.9	21.0	21.2	21.4	21.9	21.9
Building material and garden equipment and supplies stores	25.4	24.7	25.5	25.3	24.9	24.6	24.6	24.3
Food and beverage stores	44.4	44.7	44.6	44.5	44.5	44.7	45.0	45.0
Clothing and clothing accessories stores	18.0	18.1	18.2	17.8	17.9	18.2	18.3	18.3
General merchandise stores	51.5	52.0	51.4	51.3	51.5	52.1	52.5	53.2
Other retail stores	91.0	90.1	91.5	90.4	89.9	89.9	90.4	89.9

p Preliminary

r Revised

NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS).

Chained (2005) dollar sales are calculated as the product of the chain-type quantity index and the 2005 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 3B. Real Inventory-Sales Ratios for Manufacturing and Trade, Seasonally Adjusted

[Ratio, based on chained (2005) dollars]

	2009		2009					
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p
Manufacturing and trade industries	1.44	1.40	1.46	1.45	1.42	1.41	1.40	1.39
Manufacturing	1.62	1.58	1.65	1.63	1.60	1.62	1.57	1.56
Durable goods	1.97	1.87	2.01	1.98	1.92	1.92	1.87	1.87
Wood products	1.19	1.16	1.20	1.20	1.18	1.17	1.15	1.13
Nonmetallic mineral products	1.76	1.67	1.77	1.74	1.67	1.67	1.69	1.72
Primary metals	2.05	1.89	2.13	2.06	1.89	1.92	1.91	1.84
Fabricated metal products	1.92	1.80	1.97	1.92	1.85	1.83	1.79	1.77
Machinery	2.09	2.05	2.10	2.07	2.10	2.11	2.04	2.08
Computer and electronic products	1.80	1.70	1.86	1.81	1.66	1.71	1.74	1.64
Electrical equipment, appliances, and components	1.86	1.83	1.92	1.88	1.82	1.88	1.87	1.82
Transportation equipment	2.26	2.14	2.32	2.29	2.29	2.25	2.05	2.17
Furniture and related products	1.55	1.52	1.58	1.55	1.52	1.54	1.55	1.54
Miscellaneous manufacturing	1.99	1.90	2.00	2.00	1.89	1.94	1.94	1.92
Nondurable goods	1.29	1.29	1.30	1.29	1.29	1.32	1.28	1.27
Food products	0.89	0.89	0.91	0.90	0.89	0.91	0.89	0.88
Beverage and tobacco products	1.41	1.44	1.43	1.40	1.45	1.44	1.44	1.45
Textile mills	2.34	2.23	2.37	2.36	2.32	2.25	2.23	2.15
Textile product mills	1.89	1.89	1.92	1.94	1.91	1.91	1.88	1.91
Apparel	3.13	3.14	3.20	3.14	3.16	3.23	3.16	3.04
Leather and allied products	3.99	3.94	4.06	3.89	4.01	4.11	3.93	3.94
Paper products	1.50	1.50	1.48	1.48	1.48	1.50	1.50	1.50
Printing and related support activities	0.87	0.90	0.89	0.89	0.88	0.91	0.91	0.95
Petroleum and coal products	0.95	0.96	0.92	0.98	0.99	1.06	0.94	0.91
Chemical products	1.61	1.60	1.62	1.60	1.61	1.60	1.60	1.59
Plastics and rubber products	1.59	1.51	1.60	1.58	1.52	1.52	1.52	1.49
Merchant wholesale trade	1.24	1.18	1.25	1.21	1.21	1.21	1.18	1.18
Durable goods	1.58	1.48	1.61	1.58	1.54	1.50	1.47	1.45
Nondurable goods	0.94	0.91	0.96	0.96	0.92	0.94	0.91	0.93
Retail trade	1.45	1.43	1.47	1.46	1.44	1.39	1.44	1.43
Motor vehicle and parts dealers	2.44	2.36	2.51	2.41	2.34	2.07	2.54	2.40
Furniture and home furnishings and electronics and appliance stores	1.29	1.25	1.30	1.29	1.27	1.25	1.22	1.23
Building material and garden equipment and supplies stores	1.90	1.93	1.92	1.90	1.93	1.94	1.93	1.95
Food and beverage stores	0.84	0.83	0.84	0.83	0.84	0.83	0.83	0.82
Clothing and clothing accessories stores	2.09	2.00	2.08	2.11	2.08	2.03	1.98	1.97
General merchandise stores	1.40	1.36	1.40	1.40	1.39	1.37	1.35	1.33
Other retail stores	0.95	0.94	0.95	0.95	0.96	0.95	0.93	0.93

p Preliminary

r Revised

NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 4B. Real Manufacturing Inventories, by Stage of Fabrication, Seasonally Adjusted, End of Period

[Billions of chained (2005) dollars]

	2009		2009					
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p
Materials and supplies								
Manufacturing	176.5	172.5	177.8	176.5	175.2	174.1	172.5	171.7
Durable goods	107.6	103.5	109.0	107.6	105.6	104.5	103.5	102.4
Wood products	4.1	3.8	4.2	4.1	4.0	3.9	3.8	3.8
Nonmetallic mineral products	4.3	4.2	4.3	4.3	4.3	4.3	4.2	4.2
Primary metals	11.3	10.0	11.7	11.3	10.8	10.2	10.0	9.8
Fabricated metal products	14.3	13.8	14.5	14.3	13.9	13.9	13.8	13.5
Machinery	17.2	16.6	17.5	17.2	16.8	16.7	16.6	16.3
Computer and electronic products	18.5	18.3	18.9	18.5	18.4	18.4	18.3	18.2
Electrical equipment, appliances, and components	5.3	4.9	5.4	5.3	5.2	5.0	4.9	4.9
Transportation equipment	21.7	21.4	21.5	21.7	21.6	21.6	21.4	21.3
Furniture and related products	3.6	3.5	3.7	3.6	3.5	3.5	3.5	3.5
Miscellaneous manufacturing	7.1	7.0	7.1	7.1	7.0	7.0	7.0	6.9
Nondurable goods	69.3	69.2	69.1	69.3	69.8	69.8	69.2	69.5
Food products	12.3	12.0	12.3	12.3	12.2	12.2	12.0	12.3
Beverage and tobacco products	6.2	6.2	6.3	6.2	6.3	6.2	6.2	6.4
Textile mills	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Textile product mills	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Apparel	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Leather and allied products	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Paper products	8.0	8.3	7.9	8.0	8.1	8.2	8.3	8.2
Printing and related support activities	2.1	2.2	2.2	2.1	2.2	2.2	2.2	2.3
Petroleum and coal products	7.5	7.4	7.5	7.5	7.8	7.9	7.4	7.6
Chemical products	19.4	19.6	19.2	19.4	19.7	19.6	19.6	19.4
Plastics and rubber products	8.7	8.6	8.7	8.7	8.7	8.5	8.6	8.6
Work-in-process								
Manufacturing	161.5	157.0	162.1	161.5	161.5	159.1	157.0	158.1
Durable goods	122.4	117.9	122.8	122.4	122.6	119.7	117.9	118.5
Wood products	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Nonmetallic mineral products	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3
Primary metals	6.1	6.4	6.2	6.1	6.0	6.3	6.4	6.1
Fabricated metal products	11.9	11.5	12.2	11.9	11.9	11.4	11.5	11.6
Machinery	12.0	11.3	12.1	12.0	11.7	11.5	11.3	11.3
Computer and electronic products	22.7	22.3	23.1	22.7	22.4	22.2	22.3	22.4
Electrical equipment, appliances, and components	4.7	4.6	4.7	4.7	4.7	4.6	4.6	4.6
Transportation equipment	57.4	54.4	56.9	57.4	58.3	56.0	54.4	55.3
Furniture and related products	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Miscellaneous manufacturing	4.1	4.0	4.2	4.1	4.1	4.0	4.0	3.9
Nondurable goods	39.4	39.4	39.7	39.4	39.2	39.7	39.4	39.9
Food products	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8
Beverage and tobacco products	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4
Textile mills	0.9	0.8	0.9	0.9	0.8	0.9	0.8	0.8
Textile product mills	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Apparel	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Leather and allied products	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Paper products	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.7
Printing and related support activities	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.1
Petroleum and coal products	9.1	8.9	8.4	9.1	8.9	9.2	8.9	8.9
Chemical products	15.5	15.7	16.2	15.5	15.5	15.6	15.7	15.9
Plastics and rubber products	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Finished goods								
Manufacturing	182.3	177.0	184.1	182.3	180.7	180.2	177.0	176.9
Durable goods	84.3	80.9	85.8	84.3	83.4	82.5	80.9	80.3
Wood products	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Nonmetallic mineral products	5.6	5.5	5.7	5.6	5.5	5.5	5.5	5.5
Primary metals	6.5	6.6	6.8	6.5	6.4	6.5	6.6	6.8
Fabricated metal products	12.2	11.5	12.3	12.2	12.1	12.1	11.5	11.3
Machinery	13.0	12.1	13.0	13.0	12.6	12.4	12.1	12.0
Computer and electronic products	13.9	13.7	14.2	13.9	13.8	13.8	13.7	13.6
Electrical equipment, appliances, and components	3.6	3.5	3.6	3.6	3.5	3.5	3.5	3.3
Transportation equipment	13.3	12.5	13.9	13.3	13.3	12.9	12.5	12.4
Furniture and related products	2.2	2.1	2.3	2.2	2.2	2.1	2.1	2.0
Miscellaneous manufacturing	10.5	10.1	10.5	10.5	10.3	10.2	10.1	10.0
Nondurable goods	97.9	96.1	98.3	97.9	97.3	97.7	96.1	96.5
Food products	21.3	21.4	21.7	21.3	21.5	21.8	21.4	21.2
Beverage and tobacco products	5.3	5.4	5.4	5.3	5.4	5.4	5.4	5.3
Textile mills	2.3	2.1	2.3	2.3	2.2	2.2	2.1	2.1
Textile product mills	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5
Apparel	3.7	3.6	3.8	3.7	3.7	3.6	3.6	3.5
Leather and allied products	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Paper products	6.9	6.9	6.8	6.9	6.9	6.9	6.9	6.9
Printing and related support activities	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Petroleum and coal products	11.5	10.9	11.4	11.5	11.5	11.7	10.9	11.6
Chemical products	30.9	30.5	31.0	30.9	30.6	30.6	30.5	30.6
Plastics and rubber products	10.2	9.7	10.3	10.2	9.9	9.8	9.7	9.6

p Preliminary

r Revised

NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS).

Chained (2005) dollar inventory series are calculated to ensure that the chained (2005) dollar change in

inventories for 2005 equals the current-dollar change in inventories for 2005 and that the average of the 2004 and 2005 end-of-year chain-weighted and fixed-weighted inventories are equal. 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.