

Advance Monthly Retail Sales



U.S. Department of Commerce
ECONOMICS AND STATISTICS ADMINISTRATION
BUREAU OF THE CENSUS

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CB-93-147

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The Census Bureau of the Department of Commerce announced today that advance estimates of U.S. retail sales for July adjusted for seasonal, holiday, and trading-day differences, but not for price changes, were \$172.3 billion, an increase of 0.1 percent ($\pm 1.2\%$) from the previous month and were 6.1 percent ($\pm 1.6\%$) above July 1992. Total sales in the May through July period were 6.5 percent ($\pm 1.6\%$) above the same period a year ago. The May to June 1993 percent change was revised from +0.4 percent ($\pm 1.2\%$) as published in the June advance, to +0.2 percent ($\pm 0.2\%$).

Durable goods were up 9.6 percent ($\pm 2.9\%$) from July 1992. Building materials dealers were 9.3 percent above the previous year while automotive dealers were up 9.6 percent in the same period.

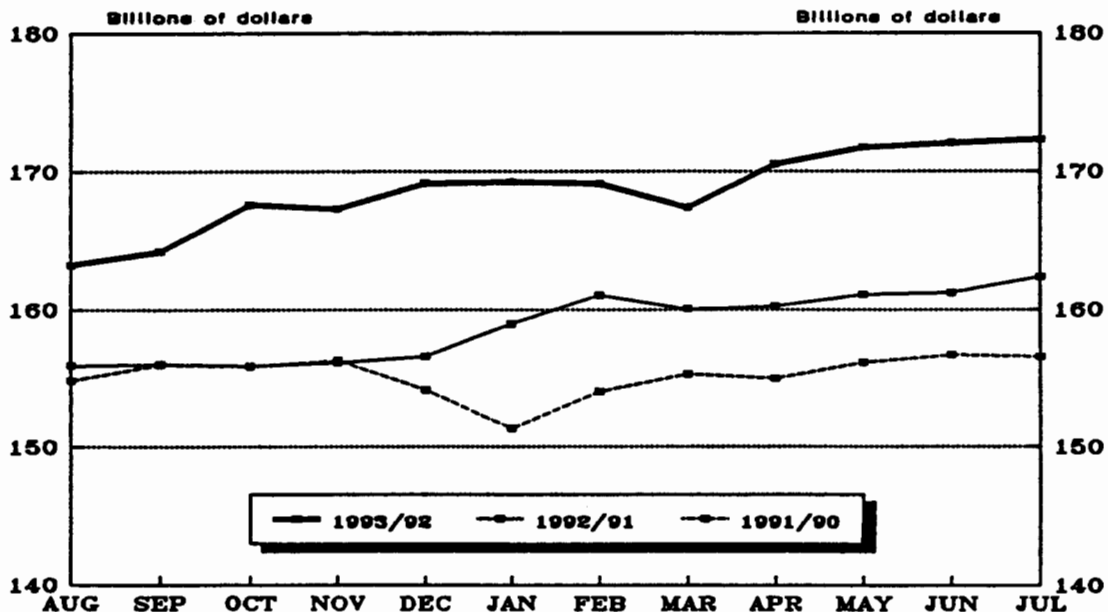
Nondurable goods increased 0.2 percent ($\pm 0.8\%$) from June and were 4.2 percent above the previous year. General merchandise stores increased 1.4 percent from June and were 9.6 percent above the previous year.

The advance estimates are based on a small subsample of the Bureau's full retail sales sample. Estimates from the advance and the subsequent full survey can differ because of the earlier reporting in the advance and because of sampling variability present in both surveys.

The Advance Monthly Retail Sales Report for August is scheduled to be released September 14, 1993 at 8:30 a.m.

ESTIMATED MONTHLY RETAIL SALES August 1990 - July 1993

(Data adjusted for seasonal, holiday, and trading-day differences, but not for price changes)



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This report is available the day of issue through the Department of Commerce's online Economic Bulletin Board. For information call (202) 482-1986. The data are also available through the Census Bureau's online information service - CENDATA. CENDATA is available from Dialog Information Services, INC. (1-800-334-2564) and CompuServe (1-800-848-8199). The CENDATA staff at the Bureau of the Census (301-763-2074) can provide content information and general guidance.

Table 1. Estimated Monthly Retail Sales, By Kind of Business

(Sales in millions of dollars)

| SIC code | Kind of business | Not adjusted | | | | | Adjusted ¹ | | | | |
|----------------|--|------------------------|------------|-----------|---------|---------|------------------------|------------|-----------|---------|---------|
| | | 1993 | | | 1992 | | 1993 | | | 1992 | |
| | | July ² adv. | June prel. | May final | July | June | July ² adv. | June prel. | May final | July | June |
| | Retail trade, total..... | 176,748 | 175,582 | 176,006 | 166,011 | 164,627 | 172,296 | 172,053 | 171,736 | 162,367 | 161,235 |
| | Total (excl. auto group)... | 137,523 | 134,783 | 136,870 | 129,834 | 127,928 | 136,107 | 135,595 | 135,214 | 129,354 | 128,566 |
| | Durable goods, total..... | 67,664 | 66,363 | 67,011 | 62,095 | 62,783 | 64,047 | 64,071 | 63,771 | 58,447 | 57,808 |
| 52 | Building mat., hardware, garden supply, and mobile home dealers..... | 10,344 | 10,675 | 10,803 | 9,503 | 9,843 | 9,244 | 9,189 | 9,330 | 8,458 | 8,397 |
| 521,3 | Building mat. and supply stores..... | (*) | 7,669 | 7,521 | 6,955 | 7,058 | (*) | 6,811 | 6,761 | 6,112 | 6,053 |
| 525 | Hardware stores..... | (*) | 1,232 | 1,317 | 1,154 | 1,176 | (*) | 1,121 | 1,129 | 1,081 | 1,052 |
| 55 ex. 554 | Automotive dealers..... | 39,225 | 40,799 | 39,136 | 36,177 | 36,699 | 36,189 | 36,458 | 36,522 | 33,013 | 32,669 |
| 551,2,5, 6,7,9 | Motor vehicle and miscellaneous automotive dealers..... | 35,980 | 37,557 | 36,058 | 33,070 | 33,633 | 33,223 | 33,503 | 33,574 | 30,173 | 29,869 |
| 551 | Motor vehicle (franchisee)..... | (*) | 33,008 | 31,437 | 28,813 | 29,380 | (*) | (NA) | (NA) | (NA) | (NA) |
| 553 | Auto and home supply stores..... | (*) | 3,242 | 3,078 | 3,107 | 3,066 | (*) | 2,955 | 2,948 | 2,840 | 2,800 |
| 57 | Furniture, home furnishings, and equipment stores..... | 9,670 | 9,407 | 9,090 | 8,746 | 8,505 | 9,651 | 9,486 | 9,453 | 8,783 | 8,624 |
| 571 | Furniture and home furnishings..... | (*) | 4,848 | 4,838 | 4,657 | 4,547 | (*) | 4,824 | 4,824 | 4,634 | 4,547 |
| 5722,31,4 | Household appliance, radio, TV and computer stores..... | (*) | 3,648 | 3,366 | 3,351 | 3,250 | (*) | 3,663 | 3,631 | 3,334 | 3,286 |
| 5722 | Household appliance stores..... | (*) | 898 | 814 | 911 | 880 | (*) | (NA) | (NA) | (NA) | (NA) |
| | Nondurable goods, total..... | 109,084 | 106,219 | 108,995 | 103,916 | 101,844 | 108,249 | 107,982 | 107,965 | 103,920 | 103,427 |
| 53 | General merchandise group stores..... | 20,574 | 20,497 | 21,504 | 18,537 | 18,779 | 22,333 | 22,028 | 21,829 | 20,378 | 20,200 |
| 531 | Dept. stores (ex. leased depts) ³ | 15,456 | 15,394 | 16,211 | 13,900 | 14,162 | 16,929 | 16,714 | 16,508 | 15,482 | 15,327 |
| 531 | Dept. stores (in. leased depts) ³ | (*) | 15,801 | 16,643 | 14,288 | 14,568 | (*) | 17,082 | 16,914 | 15,964 | 15,746 |
| 533 | Variety stores..... | (*) | 479 | 522 | 500 | 492 | (*) | 538 | 540 | 538 | 556 |
| 539 | Misc. general mdee. stores..... | (*) | 4,814 | 4,771 | 4,137 | 4,125 | (*) | 4,776 | 4,781 | 4,378 | 4,315 |
| 54 | Food stores..... | 34,443 | 32,805 | 33,340 | 33,656 | 32,107 | 32,353 | 32,398 | 32,347 | 31,939 | 31,769 |
| 541 | Grocery stores..... | 32,475 | 30,782 | 31,294 | 31,598 | 30,107 | 30,464 | 30,447 | 30,383 | 29,979 | 29,838 |
| 554 | Gasoline service stations..... | 11,976 | 11,741 | 11,695 | 11,940 | 11,655 | 11,256 | 11,311 | 11,388 | 11,201 | 11,185 |
| 56 | Apparel and accessory stores..... | 8,725 | 8,325 | 8,778 | 8,100 | 8,115 | 9,117 | 8,904 | 8,871 | 8,803 | 8,640 |
| 561 | Men's and boys' clothing and furnishings stores..... | (*) | 702 | 719 | 628 | 766 | (*) | 721 | 711 | 758 | 769 |
| 562,3,8 | Women's clothing, specialty stores, furriers..... | (*) | 3,057 | 3,397 | 2,987 | 2,926 | (*) | 3,291 | 3,266 | 3,129 | 3,139 |
| 565 | Family clothing stores..... | (*) | 2,592 | 2,619 | 2,656 | 2,516 | (*) | (NA) | (NA) | (NA) | (NA) |
| 566 | Shoe stores..... | (*) | 1,448 | 1,483 | 1,389 | 1,447 | (*) | 1,499 | 1,463 | 1,505 | 1,483 |
| 58 | Eating and drinking places..... | 19,012 | 18,405 | 18,418 | 17,225 | 16,779 | 17,735 | 17,629 | 17,642 | 16,128 | 16,056 |
| 591 | Drug and proprietary stores..... | 6,515 | 6,535 | 6,597 | 6,266 | 6,273 | 6,696 | 6,703 | 6,644 | 6,427 | 6,408 |
| 592 | Liquor stores..... | (*) | 1,974 | 1,983 | 2,265 | 2,140 | (*) | 1,986 | 1,987 | 2,137 | 2,140 |
| 5961 (pt) | Mail-order houses (department store merchandise)..... | (*) | 172 | 302 | 274 | 305 | (*) | (NA) | (NA) | (NA) | (NA) |
| 53,56,57 594 | GAF ⁴ | (*) | 44,376 | 45,499 | 41,140 | 41,179 | (*) | 47,177 | 46,833 | 44,404 | 43,830 |

* Advance estimates are not available from the subsample panel for these kinds of business.

NA Not available.

²Revised.

¹Data are concurrently adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-11 program and the factors derived from the program are used in calculating all seasonally adjusted data shown in this publication. Factors and explanatory material are contained in the Monthly Retail Trade Report, BR-93-06.

²Advance estimates are based on early reporting by a small subsample of the full survey panel. All other estimates are based on the full sample.

³Includes data for leased departments operated within department stores. Data for this line not included in broader kind-of-business total.

⁴GAF represents stores which specialize in department store types of merchandise.

Note: Totals include data for kinds of business not shown separately.

Table 2. Percent Change in Estimated Monthly Retail Sales, by Kind of Business

(Adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes)

| SIC code | Kind of business | Percent change | | | | | |
|----------------|---|-------------------------|-----------------|-----------------------------|-----------------|----------------------------------|----------------------------|
| | | July 1993 advance from— | | June 1993 preliminary from— | | May 1993 through July 1993 from— | |
| | | June 1993 prelim. | July 1992 final | May 1993 final | June 1992 final | Feb. 1993 through Apr. 1993 | May 1992 through July 1992 |
| | Retail trade, total..... | +0.1 | +6.1 | +0.2 | +6.7 | +1.8 | +6.5 |
| | Total (excl. automotive group)..... | +0.4 | +5.2 | +0.3 | +5.5 | +1.3 | +5.2 |
| | Durable goods, total..... | 0.0 | +9.6 | +0.5 | +10.8 | +4.0 | +10.5 |
| 52 | Building materials, hardware, garden supply, and mobile home dealers..... | +0.6 | +9.3 | -1.5 | +9.4 | +3.5 | +9.4 |
| 55 ex. 554 | Automotive dealers..... | -0.7 | +9.6 | -0.2 | +11.6 | +3.6 | +11.3 |
| 551,2,5, 6,7,9 | Motor vehicle and miscellaneous automotive dealers..... | -0.8 | +10.1 | -0.2 | +12.2 | +4.1 | +11.9 |
| 57 | Furniture, home furnishings, and equipment stores..... | +1.7 | +9.9 | +0.3 | +10.0 | +2.9 | +10.4 |
| | Nondurable goods, total..... | +0.2 | +4.2 | 0.0 | +4.4 | +0.5 | +4.2 |
| 53 | General merchandise group stores..... | +1.4 | +9.6 | +0.9 | +9.0 | +2.7 | +8.9 |
| 531 | Dept. stores (ex. leased dept.)..... | +1.3 | +9.5 | +1.2 | +9.0 | +3.6 | +8.7 |
| 531 | Dept. stores (in. leased dept.) ² | (NA) | (NA) | +1.0 | +8.5 | (NA) | (NA) |
| 54 | Food stores..... | -0.1 | +1.3 | +0.2 | +2.0 | -0.5 | +1.9 |
| 541 | Grocery stores..... | +0.1 | +1.6 | +0.2 | +2.0 | -0.4 | +2.0 |
| 554 | Gasoline service stations..... | -0.5 | +0.5 | -0.7 | +1.1 | -1.5 | +1.1 |
| 54 | Apparel and accessory stores..... | +2.4 | +3.6 | +0.4 | +3.1 | +3.0 | +3.7 |
| | Eating and drinking places..... | +0.6 | +10.0 | -0.1 | +9.8 | +1.9 | +8.6 |
| | Drug and proprietary stores..... | -0.1 | +4.2 | +0.9 | +4.6 | +0.6 | +3.9 |

Table 3. Estimated Monthly Retail Sales of Large (Group II) Companies, by Kind of Business

(Sales in millions of dollars)

| SIC code | Kind of business | Not adjusted | | | Adjusted ¹ | | |
|----------|--|-------------------|----------------|-----------|-----------------------|----------------|------------------------|
| | | June 1993 prelim. | May 1993 final | June 1992 | June 1993 prelim. | May 1993 final | June ² 1992 |
| | Retail trade, total..... | 68,547 | 71,012 | 65,042 | 70,749 | 70,943 | 67,197 |
| 53 | General merchandise group stores..... | 19,524 | 20,507 | 17,810 | 20,972 | 20,850 | 19,237 |
| 531 | Dept. stores (ex. leased dept.)..... | 15,199 | 15,996 | 13,942 | 16,414 | 16,256 | 15,089 |
| 531 | Dept. stores (in. leased dept.) ² | 15,595 | 16,417 | 14,338 | 16,841 | 16,684 | 15,517 |
| 533 | Variety stores..... | 330 | 366 | 338 | 370 | 377 | 381 |
| 539 | Miscellaneous general merchandise stores... | 3,995 | 4,145 | 3,530 | (NA) | (NA) | (NA) |
| 54 | Food stores..... | 19,235 | 19,833 | 18,686 | (NA) | (NA) | (NA) |
| 541 | Grocery stores..... | 18,937 | 19,550 | 18,382 | 19,070 | 19,110 | 18,588 |
| 56 | Apparel and accessory stores..... | 5,289 | 5,576 | 5,102 | 5,714 | 5,680 | 5,461 |
| 562,3,8 | Women's clothing, specialty stores, furrers..... | 1,908 | 2,110 | 1,812 | 2,034 | 2,031 | 1,934 |
| 566 | Shoe stores..... | 995 | 1,024 | 965 | 1,027 | 1,013 | 980 |
| 591 | Drug stores and proprietary stores..... | 4,007 | 4,099 | 3,879 | 4,148 | 4,136 | 3,991 |

NA Not available.

²Revised.

¹Data are concurrently adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-11 program and the factors derived from the program are used in calculating all seasonally adjusted data shown in this publication. Factors and explanatory material are contained in the Monthly Retail Trade Report, BR-93-06.

²Includes data for leased departments operated within department stores. Data for this line not included in broader kind-of-business totals.

Note: The large (Group II) component of the sample consists of companies which had 11 or more retail establishments according to the most recent update of multi-establishment files and which were selected with certainty (i.e., their sales size exceeded specified dollar volume cutoffs which vary by kind of business).

Official Business

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Sample Design and Reliability of Data

The advance estimates are based on a small subsample of the Bureau's full retail sales sample. Estimates from the advance and the subsequent full survey can differ because of the earlier reporting in the advance and because of sampling variability present in both surveys.

Percentage differences between advance and full sample preliminary estimates of month-to-month percentage change in seasonally adjusted total retail store sales have ranged from approximately -0.9 percent to +1.0 percent with the average of the absolute differences about 0.5 percent for the past 12 months. For individual kind-of-business groups, these differences tend to be higher. Sampling variability of and revisions to advance-to-preliminary estimates are shown in table 4 below.

Preliminary estimates for June 1993 and final estimates for May 1993 based on the full sample are published later this month in the Monthly Retail Trade Report for June (BR-93-06). The complete report will provide sales estimates in greater detail and will present a description of revisions and the techniques used in developing the estimates.

The margin of sampling error, as used on page 1, indicates a range about the estimate which corresponds to a 90 percent confidence interval. If, for example, the estimate is up 0.8 percent and the margin of sampling error is 1.2 percentage points above or below the estimate, then the indicated range is -0.4 percent to +2.0 percent. If the range contains 0, it is uncertain whether there was an increase or decrease. The Monthly Retail Trade Report includes explanations of confidence intervals and sampling variability along with additional measures of sampling variability.

Table 4. Sampling Variability of and Revision to Advance-to-Preliminary Estimate

| SIC code | Kind of business | Estimated Coefficient of variation in percent of the | | | | | Preliminary-to-final percent change minus the Advance-to-preliminary percent change | | | | |
|---------------------------------|---|---|-----|--|-----------------------------------|---|---|--------------------|------|------------------------------|------------------------------|
| | | Advance-to- preliminary ratio | | Ratio to same month a year ago | Dollar volume sales est. | Ratio of current quarter to prev. quarter | Range ² | | Mean | Avg. of absolute diff. | |
| | | Range ¹ | | Median | Median | Median | Median | Range ² | | Mean | Avg. of absolute diff. |
| | | From | To | | | | | From | To | | |
| | Retail trade, total..... | 0.8 | 1.1 | 0.9 | 1.0 | 0.9 | 1.0 | -0.9 | +1.0 | +0.1 | 0.5 |
| | Total (excl. auto)..... | 0.8 | 0.9 | 0.8 | 1.0 | 0.8 | 0.9 | -0.7 | +1.3 | +0.1 | 0.4 |
| | Durable goods, total..... | 1.8 | 2.8 | 2.2 | 2.5 | 2.2 | 2.3 | -2.5 | +2.2 | +0.2 | 0.7 |
| 52 | Building materials, group stores..... | 1.2 | 2.0 | 1.7 | 3.3 | 2.5 | 2.5 | -3.4 | +4.0 | +0.4 | 2.0 |
| 55 ex. 554 551,2,5, 6,7,9 | Automotive dealers..... | 2.2 | 4.1 | 3.1 | 3.4 | 3.6 | 3.3 | -3.0 | +2.6 | +0.5 | 1.0 |
| | Motor vehicle and misc. automotive dealers..... | 1.6 | 4.1 | 2.9 | 4.8 | 3.9 | 3.5 | -3.2 | +2.6 | +0.5 | 1.1 |
| 57 | Furniture, home furn., and equipment stores..... | 1.8 | 4.3 | 2.4 | 4.5 | 4.2 | 3.1 | -2.5 | +2.3 | -0.2 | 1.2 |
| | Nondurable goods, total..... | 0.7 | 0.9 | 0.8 | 1.0 | 0.8 | 0.9 | -0.6 | +0.9 | +0.2 | 0.4 |
| 53 | General merch. group, total..... | 0.2 | 0.8 | 0.4 | 0.5 | 0.6 | 0.5 | -1.4 | +1.7 | +0.1 | 0.7 |
| 531 | Dept. stores (ex. leased depts.)..... | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | -1.7 | +1.6 | +0.1 | 0.8 |
| 54 | Food stores..... | 0.9 | 1.5 | 1.0 | 1.7 | 1.4 | 1.5 | -0.5 | +0.6 | 0.0 | 0.4 |
| 541 | Grocery stores..... | 0.2 | 0.9 | 0.3 | 1.8 | 1.3 | 1.5 | -0.5 | +0.7 | 0.0 | 0.3 |
| 554 | Gasoline service stations..... | 1.1 | 4.7 | 1.3 | 3.3 | 2.6 | 2.8 | -1.4 | +1.9 | +0.3 | 0.8 |
| 56 | Apparel and accessory stores..... | 1.1 | 2.9 | 2.0 | 3.0 | 2.6 | 2.0 | -2.7 | +4.8 | +0.5 | 1.5 |
| 58 | Eating and drinking places..... | 0.6 | 1.3 | 0.9 | 3.1 | 2.7 | 2.7 | -0.9 | +2.3 | +0.3 | 0.8 |
| 591 | Drug and proprietary stores..... | 0.5 | 3.2 | 0.8 | 2.4 | 1.7 | 2.0 | -3.7 | +1.1 | +0.1 | 1.0 |

¹The ranges of sampling variability shown are based on sales estimates not adjusted for seasonal variation, holiday, and trading-day differences for the data months of November 1990 - March 1991.

²The ranges shown for the retail trade total are based on sales estimates adjusted for seasonal variations, holiday, and trading-day differences for the 12-month period, July 1992 - June 1993. The ranges for all other totals and kinds of business are based on the 12-month period April 1990 - March 1991.

Note: Coefficients of variation for the ratio of current quarter to current quarter a-year-ago estimates are approximately the same as those for the ratio of current quarter to previous quarter. See appendix B, Reliability of Data in the Monthly Retail Trade Report for a discussion of the measures of sampling variability.

