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Notice

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Summary

U.S. tobacco production was forecast as of September 1 at 1.09 billion pounds. The 2000 crop is 15 percent lower than last year because of a 24-percent decline in acreage due to lower effective quotas for flue-cured and burley and lower acreage for cigar types. Flue-cured auctions are currently underway, with 264.3 million pounds, or 44 percent of estimated production sold through September 12th.

The supply of U.S.-grown tobacco for 2000/01 will likely decrease, as higher carryin is offset by decreased marketings. Carryin of U.S.-grown leaf for the 2000/01 marketing year (July 1 for flue-cured and cigar wrapper types, October 1 for all other types) is likely to increase about 2 percent from a year earlier due to declining disappearance. Total stocks of imported leaf fell 12 percent to 0.9 billion pounds on July 1, 2000, compared with July 1, 1999.

Estimated use of U.S.-grown leaf declined to 1.21 billion pounds in 1999/2000, 16 percent below 1998/99. Both domestic use and exports slipped. U.S. leaf tobacco exports in 1999/2000 (July-June) fell 16 percent, reaching 390 million pounds, declared weight.

In 2000, U.S. cigarette production is expected to decline to 536 billion pieces, down 16 percent from 637 billion a year ago. Domestic consumption is expected to decrease about 3 percent in 2000 and exports are expected to fall nearly 20 percent. Cigarette consumption (18 years or older) in 2000 will likely fall an estimated 3 percent to 420 billion pieces. In 2000, per capita consumption is expected to decrease from 2,148 cigarettes to 2,054 cigarettes.

Manufacturers' price increases and Federal tax increases dampened cigarette consumption during 2000. The Federal excise tax increased by 10 cents per pack of 20 cigarettes in January 2000. Manufacturers have increased wholesale cigarette prices two times so far in 2000, boosting the wholesale price 10 percent. The consumer price index for cigarettes indicates retail prices rose 9 percent between July 1999 and July 2000.

As of September 1, the 2000 flue-cured crop was estimated at 597.1 million pounds, 9 percent below 1999. On-farm carryover this year was about 43.0 million pounds. Limited by the effective quota, this season's marketings will likely total about 570 million pounds, below estimated production.

Beginning stocks on July 1, 2000, were 1.2 billion pounds, 4 percent below 1999. The total 2000 supply of U.S.-grown flue-cured was estimated at 1.79 billion pounds, 4 percent below 1999. Use this season may decline from 1999/2000's 699 million pounds because of expected lower cigarette production and exports.

Flue-cured sales began August 1. By September 12 growers had sold 264.3 million pounds of leaf, with 5 percent going under loan. After 24 sales days, flue-cured auction prices are 6 cents per pound higher than last season. Sales through September 12 averaged \$1.73 per pound. Lower marketings in 2000 will result in lower cash receipts for the season, despite price advances.

This year's burley tobacco production is expected to be 26 percent below last season's due to lower acreage in response to lower effective marketing quota. Production and farm carryover of burley will probably exceed 400 million pounds, but quota restrictions limit maximum possible marketings to about 378 million pounds. However, actual marketings are likely to be much less, leaving significant quantities of unsold tobacco. Because of reduced domestic use, beginning stocks in 2000 are likely to be about 100 million pounds more than in 1999 due to reduced domestic use. Burley supplies on October 1 will slide despite higher 1999 carryin as marketings will likely fall by nearly a third.

Larger crops in 2000 are forecast for Maryland, dark air-cured, and dark fire-cured, while cigar tobacco production is expected to decline.

The national marketing quota for the 2001 flue-cured crop must be announced by December 15, 2000. Individual farm quotas and allotments will reflect undermarketings and overmarketings for the current crop. For burley, the 2001 marketing quota will be announced by February 1, 2001, and allotments for other types will be announced by March 1, 2001.

Price supports for 2001 flue-cured and burley tobacco will be based on a 5-year moving average of market prices and changes in costs of production. For other types, changes in support will continue to be based on the average of the parity index during the previous 3 years compared with 1959.

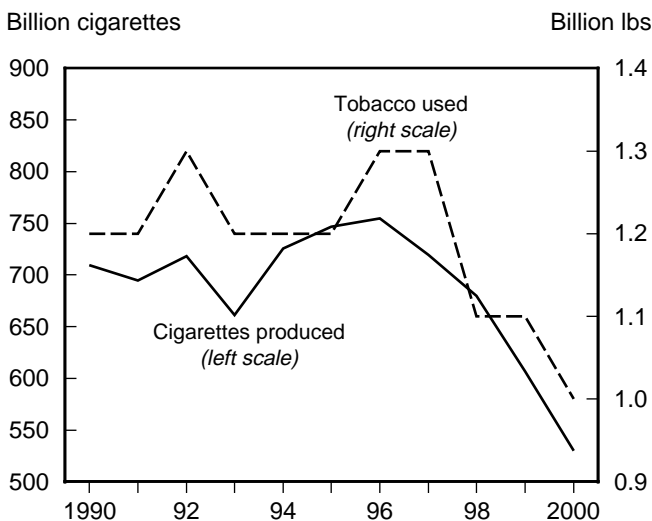
Tobacco Products

Cigarette consumption in the United States slowed again, reaching an estimated 435 billion pieces in calendar 1999 and an expected 420 billion pieces in 2000, a decrease of 3 percent. Taxable removals for the year ending June 2000 are about 6 percent behind the same period last year. Nontaxable removals, primarily exports, are estimated at 167.4 billion for calendar 1999 and 150 billion for 2000. Exports of cigarettes continue to decline. Calendar year 1999 exports reached 151.4 billion cigarettes, 50 billion below the previous year. In 2000, exports are expected to slip less than 5 percent. Calendar year shipments through June 2000 reached 71.9 billion compared with 80.7 billion during the same period last year. For the year ending June 2000, exports were 143 billion pieces. Cigarette imports increased with grey market activity in 1999 and have remained at elevated levels through the first half of 2000. Imports of bidis (a type of small cigarette from India) contributed to some of the increase in cigarette imports.

Cigarette Tax Increases

The Federal excise tax for cigarettes increased 10 cents per pack on January 1, 2000, the first tax increase since January 1, 1993, when the tax increased from 20 to 24 cents per pack. Another increase of 5 cents is set for January 1, 2001. State tax rates have steadied during the past few years. During 2000, no States have increased excise taxes on cigarettes. On July 1, Connecticut set excise taxes for snuff at 40 cents per ounce instead of the previous 20 percent *ad valorem*.

Figure 1
Cigarettes produced and tobacco used



Source: Bureau of Alcohol, Tobacco, and Firearms and ERS, USDA.

Generic Cigarettes

The proportion of total cigarette sales attributed to generic and discount brands shrank in 1999 and is expected to be even smaller for 2000. In 1999, discount cigarettes accounted for 26.8 percent of total sales. For 2000, the proportion is expected to be as low as 26 percent.

Price Increases

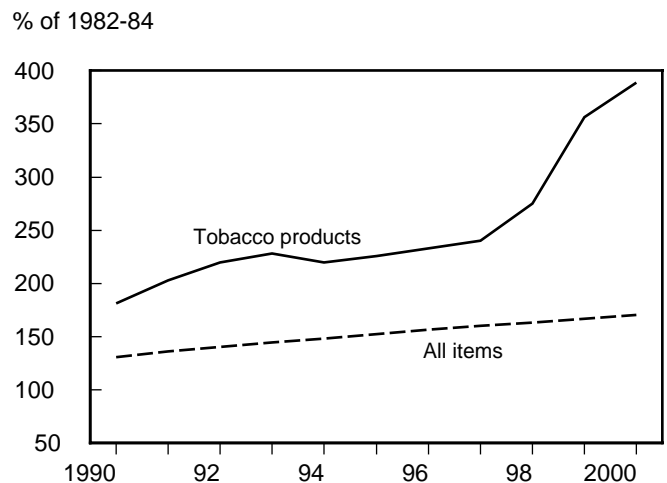
Manufacturers increased wholesale premium cigarette prices twice in 2000. The first increase of 13 cents per pack occurred in January. In July, manufacturers increased prices 6 cents per pack. The July price increase is more in line with pre-settlement price hikes and is likely aimed at improving profits rather than covering the costs of the settlement. Yet another price increase in 2000 is likely.

July 2000 retail prices for tobacco products gained 13 percent compared with July 1999. The three wholesale cigarette price increases since 1999 and the Federal tax increase were the main factors in the change.

Legislative Activity

The Model Statute Legislation (Exhibit T) has been approved by 40 States as of June 2000. Exhibit T requires non-participating manufacturers to maintain an escrow account for potential State medicaid claims. Imports of bidi cigarettes manufactured in India have increased dramatically beginning in December 1998. Bidis, which are tobacco leaf

Figure 2
Consumer price index and tobacco product prices



Source: Bureau of Labor Statistics.

mixed with other ingredients and rolled in a tendu or temburni leaf, are sometimes fruit-flavored and have become popular with youth. Vermont's governor has approved a bill prohibiting bidi sales, and Virginia has enacted a bill to prevent minors from obtaining bidis. Six other States have proposed legislation to restrict bidi sales.

Engle Trial Outcome

The Engle Trial is of immense importance to the cigarette manufacturing industry because of the possibility of a significant judgement against the tobacco industry. On July 14, a Florida jury awarded \$145 billion to the plaintiffs in the Engle Trial, the largest punitive damage award in history.

The judgement against the five cigarette manufacturers and the Council for Tobacco Research, and the Tobacco Institute is likely to be appealed. The large award raises potential bankruptcy issues for the cigarette industry which may affect the final outcome. On July 17, the trial was moved to Federal Court after a Federal employment benefit plan was found to be a member of the class in the suit.

Cigar Output and Consumption Slide

U.S. large cigar and cigarillo output will likely drop by about 100 million cigars to an estimated 2.8 billion in 2000. Cigar consumption, including imports, is expected to be 3.7 billion cigars, 75 million short of 1999. Per capita consump-

Table 1--Cigarettes: U.S. output, removals, and consumption, 1991-2000

| Year | Output | Removals | | | | | | Total U.S. consumption 3/ | |
|---------------------|--------|----------|------------|---------|----------------------------|---------|---------|---------------------------|---------------|
| | | Taxable | Tax-exempt | | | | Imports | | Adjustment 2/ |
| | | | Total | Exports | Miscellaneous shipments 1/ | Imports | | | |
| Billions | | | | | | | | | |
| 1991 | 694.5 | 497.1 | 193.7 | 179.2 | 14.5 | 4.7 4/ | 2.5 5/ | 510.0 | |
| 1992 | 718.5 | 509.4 | 213.0 | 205.6 | 7.4 | 6.6 4/ | 18.1 5/ | 500.0 | |
| 1993 | 661.0 | 463.4 | 202.0 | 195.5 | 6.5 | 11.5 4/ | 12.4 5/ | 485.0 | |
| 1994 | 725.5 | 488.6 | 231.6 | 220.2 | 11.4 | 3.5 | 17.5 | 486.0 | |
| 1995 | 746.5 | 490.3 | 250.9 | 231.1 | 19.8 | 3.0 | 26.1 | 487.0 | |
| 1996 | 754.5 | 486.0 | 261.0 | 243.9 | 17.1 | 2.8 | 18.9 | 487.0 | |
| 1997 | 722.8 | 471.4 | 232.0 | 217.0 | 15.0 | 3.2 | 9.6 | 480.0 | |
| 1998 | 679.7 | 457.9 | 212.5 | 201.3 | 11.2 | 4.3 | 8.4 | 465.0 | |
| 1999 6/ | 606.6 | 429.8 | 165.5 | 151.4 | 14.1 | 8.7 | 17.6 | 435.0 | |
| 2000 6/ | 550.0 | 420.0 | 150.0 | 140.0 | 10.0 | 11.6 | 21.6 | 420.0 | |
| Year ending June 30 | | | | | | | | | |
| 1991 | 706.5 | 512.9 | 188.6 | 178.8 | 9.8 | 2.1 4/ | 5.4 5/ | 518.0 | |
| 1992 | 684.5 | 498.0 | 178.0 | 173.3 | 4.7 | 6.0 4/ | 9.6 5/ | 506.0 | |
| 1993 | 713.4 | 493.1 | 219.0 | 210.9 | 8.1 | 8.6 4/ | 8.5 5/ | 494.0 | |
| 1994 | 668.8 | 467.7 | 205.0 | 198.4 | 6.6 | 8.7 4/ | -9.3 | 486.8 | |
| 1995 | 755.3 | 492.6 | 255.6 | 239.3 | 7.0 | 3.2 | 9.8 | 488.0 | |
| 1996 | 748.3 | 487.0 | 254.7 | 239.5 | 15.2 | 2.6 | 16.8 | 488.0 | |
| 1997 | 732.6 | 475.8 | 252.5 | 232.8 | 19.7 | 3.1 | 18.5 | 480.0 | |
| 1998 | 713.2 | 465.2 | 229.0 | 215.5 | 13.5 | 3.5 | 17.2 | 465.0 | |
| 1999 | 637.2 | 437.5 | 190.3 | 176.8 | 13.5 | 6.1 | 22.1 | 435.0 | |
| 2000 6/ | 580.0 | 420.0 | 150.0 | 142.6 | 7.4 | 9.9 | 17.3 | 420.0 | |

1/ Includes overseas armed forces, ship stores and small tax-exempt categories, and shipments to Puerto Rico and other U.S. possessions. 2/ Inventory change and unaccounted for. 3/ Taxable removals, misc. shipments, inventory change, and imports. 4/ Includes imports from Canada, many of which were likely re-exported to Canada. 5/ Adjusted for re-exports to Canada. 6/ Estimated, subject to revision.

Table 2--Per capita consumption of tobacco products in the United States (including overseas forces), 1991-2000

| Year | Per capita 16 years and over | Per capita 18 years and over | | | | Per male 18 years and over | | | |
|---------|------------------------------|------------------------------|----------|----------------------|---------------------------|----------------------------|--------------------|--------|--------|
| | | Cigarettes 1/ | Snuff 2/ | All tobacco products | Large cigars & cigarillos | Smoking tobacco 2/ | Chewing tobacco 2/ | | |
| | | | | | | | | Number | Number |
| Pounds | | | | | | | | | |
| 1991 | 2,632 | 2,727 | 4.8 | 0.28 | 5.54 | 25.10 | 0.41 | 0.18 | 0.80 |
| 1992 | 2,555 | 2,647 | 4.6 | 0.29 | 5.30 | 24.50 | 0.40 | 0.18 | 0.75 |
| 1993 | 2,453 | 2,543 | 4.7 | 0.30 | 5.39 | 23.40 | 0.38 | 0.17 | 0.70 |
| 1994 | 2,435 | 2,524 | 4.2 | 0.32 | 4.90 | 25.27 | 0.41 | 0.16 | 0.67 |
| 1995 | 2,415 | 2,505 | 4.2 | 0.31 | 4.67 | 27.49 | 0.45 | 0.13 | 0.67 |
| 1996 | 2,391 | 2,482 | 4.2 | 0.31 | 4.70 | 32.66 | 0.54 | 0.12 | 0.64 |
| 1997 | 2,331 | 2,423 | 4.1 | 0.31 | 4.55 | 36.90 | 0.53 | 0.12 | 0.64 |
| 1998 | 2,233 | 2,320 | 3.9 | 0.32 | 4.49 | 37.80 | 0.53 | 0.12 | 0.64 |
| 1999 3/ | 2,067 | 2,136 | 3.6 | 0.32 | 4.19 | 39.00 | 0.53 | 0.12 | 0.64 |
| 2000 3/ | 1,978 | 2,054 | 3.4 | 0.32 | 4.90 | 39.15 | 0.64 | 0.14 | 0.51 |

1/ Unstemmed processing weight. 2/ Finished product weight. 3/ Preliminary.

Compiled from reports of the Bureau of Alcohol, Tobacco, and Firearms, and the Bureau of the Census.

tion (per male 18 years and over) decreased from 39.3 to 38.1 cigars, dropping for the first time in 6 years. Large cigar consumption was 3.8 billion cigars in 1999.

Cigar imports are nearly steady through the first half of 2000 and are expected to increase slightly by the end of the year. Exports through June 2000 have reached 84 billion and are expected to end the year about 10 percent higher.

Output of small cigars (weighing 3 pounds or less per 1,000 cigars) is expected to increase 6 percent to 2.4 billion during 2000. Small cigar output reached a high of 4.4 billion in 1973 and declined to under 1 billion in 1986. During 1999, there was a shift from large cigars and cigarillos to small cigars.

Smoking and Chewing Tobacco Output and Consumption Down, Snuff Advances

Smoking tobacco is used in pipes and roll-your-own cigarettes. After rising in 1999, output is expected to decline 600,000 pounds to 14.1 million pounds in 2000. However, output during July-June (1999/2000) increased slightly to 14.4 million pounds, rising for the third consecutive year. On a July-June basis, 1999/2000 smoking tobacco consumption declined by 2 percent as indicated by domestic invoices.

After peaking in 1995, chewing tobacco production is expected to continue its slide, declining an additional 3 percent to 49.4 million pounds in 2000. For the year ending June 30, 2000, consumption (invoiced to domestic customers) fell 4 percent. A similar drop is expected for calendar 2000.

Snuff output has been rising for over a decade. Production in calendar 2000 will likely exceed 1999 by 7 percent, twice last year's gain. Consumption in 2000 as indicated by domestic invoices is expected to reach 70.4 million pieces.

Table 3--U.S. cigarette exports to leading destinations, 1999-2000

| Country | July 1999- | January-June | |
|-----------------------------|------------|--------------|---------|
| | June 2000 | 1999 | 2000 1/ |
| | | Billions | |
| Japan | 74.2 | 35.6 | 37.3 |
| Saudi Arabia | 10.9 | 4.6 | 5.2 |
| Belgium | 6.3 | 14.3 | 3.5 |
| Cyprus | 6.2 | 3.2 | 3.3 |
| Federal Republic of Germany | 4.4 | 1.3 | 2.8 |
| Lebanon | 4.3 | 3.4 | 2.0 |
| Israel | 4.3 | 2.2 | 2.1 |
| Korea, South | 3.7 | 1.2 | 2.1 |
| Hong Kong | 3.0 | 1.7 | 1.5 |
| Singapore | 2.7 | 2.0 | 1.4 |
| Kuwait | 2.0 | 0.9 | 1.0 |
| Taiwan | 1.8 | 0.9 | 0.8 |
| Azerbaijan | 1.7 | 1.2 | 1.1 |
| Russia | 1.3 | 0.1 | 0.6 |
| Georgia | 1.3 | 0.5 | 0.1 |
| Morocco | 1.2 | 0.4 | 0.2 |
| Australia | 1.0 | 0.3 | 0.6 |
| United Arab Emirates | 1.0 | 1.5 | 0.9 |
| Paraguay | 0.8 | 0.5 | 0.3 |
| Ukraine | 0.6 | 0.1 | 0.4 |
| Egypt | 0.6 | 0.1 | 0.2 |
| Uruguay | 0.6 | 0.1 | 0.3 |
| Turkey | 0.5 | * | 0.4 |
| Slovenia | 0.5 | * | 0.5 |
| Syria | 0.4 | 0.1 | 0.2 |
| Other countries | 7.4 | 4.5 | 3.1 |
| Total | 142.6 | 80.7 | 71.9 |

1/ Subject to revision. * indicates less than 50 million pieces.

Compiled from publications and records of the Bureau of the Census.

July 1999-June 2000 snuff consumption (invoiced to domestic customers) advanced 5 percent to 67.9 million pounds. Restrictions on where one can smoke continue to cause a shift to snuff.

Table 4--Tobacco demand factors, 1991-2000

| Year | Population July 1 1/ Millions | Disposable personal income, per capita 2/ | | Consumer price indexes 3/ | |
|---------|-------------------------------------|---|----------------|---------------------------|---------------------|
| | | Current prices | 1996 prices | All items | Tobacco products |
| | | -- Dollars -- | | -- Percent of 1982-84 -- | |
| 1991 | 187.5 | 16,766 | 19,919 | 136.2 | 202.7 |
| 1992 | 189.3 | 17,636 | 20,318 | 140.3 | 219.8 |
| 1993 | 190.7 | 18,706 5/ | 20,384 | 144.5 | 228.4 |
| 1994 | 192.5 | 19,381 5/ | 20,709 | 148.2 | 220.0 |
| 1995 | 194.4 | 20,349 5/ | 21,056 | 152.4 | 225.7 |
| 1996 | 196.1 | 21,117 5/ | 21,385 | 156.9 | 232.8 |
| 1997 | 198.2 | 21,969 | 21,838 | 160.5 | 240.2 |
| 1998 | 200.4 | 23,359 | 22,672 | 163.0 | 274.8 |
| 1999 | 202.5 | 24,314 | 23,191 | 166.6 | 355.8 |
| 2000 4/ | 204.5 | 25,166 | 23,626 | 170.7 | 388.6 |

1/ Eighteen years and older including forces overseas. 2/ Based on total population. 3/ All urban consumers. 4/ Subject to revision. Data through June.

5/ Revised. Bureau of Labor Statistics began to publish cigarette and other tobacco product cpi for January 1998.

Source: Bureau of the Census, Bureau of Labor Statistics.

Table 5--Wholesale premium brand cigarette price revisions, 1990-2000 1/

| Approximate date of change 2/ | Net price per 1,000 | | | | Net price per 1,000 excluding Federal excise tax | | | |
|----------------------------------|---------------------|--------------|----------------|-------------------|--|--------------|----------------|-------------------|
| | Standard | King size | Filter tips | 100 millimeter | Standard | King size | Filter tips | 100 millimeter |
| | Dollars | | | | | | | |
| June 1990 | 51.15 | 52.65 | 51.15 | 52.65 | 43.15 | 44.65 | 43.15 | 44.65 |
| December 1990 | 53.65 | 55.15 | 53.65 | 55.15 | 45.65 | 47.15 | 45.65 | 47.15 |
| Jan.-Feb.1991 3/ | 55.75 | 57.25 | 55.75 | 57.25 | 45.75 | 47.25 | 45.75 | 47.25 |
| March 1991 | 56.50 | 58.00 | 56.50 | 58.00 | 46.50 | 48.00 | 46.50 | 48.00 |
| June 1991 | 58.25 | 59.75 | 58.25 | 59.75 | 48.25 | 49.75 | 48.25 | 49.75 |
| November 1991 | 61.00 | 62.50 | 61.00 | 62.50 | 51.00 | 52.50 | 51.00 | 52.50 |
| April 1992 | 63.75 | 65.25 | 63.75 | 65.25 | 53.75 | 55.25 | 53.75 | 55.25 |
| July 1992 | 66.25 | 67.75 | 66.25 | 67.75 | 56.25 | 57.75 | 56.25 | 57.75 |
| November 1992 | 69.00 | 70.50 | 69.00 | 70.50 | 59.00 | 60.50 | 59.00 | 60.50 |
| January 1993 4/ | 71.10 | 72.60 | 71.10 | 72.60 | 59.10 | 60.60 | 59.10 | 60.60 |
| March 1993 | 72.10 | 73.60 | 72.10 | 73.60 | 60.10 | 61.60 | 60.10 | 61.60 |
| August 1993 | 53.95 | 53.95 | 53.95 | 53.95 | 41.95 | 41.95 | 41.95 | 41.95 |
| November 1993 | 55.95 | 55.95 | 55.95 | 55.95 | 43.95 | 43.95 | 43.95 | 43.95 |
| May 1995 5/ | 57.45 | 57.45 | 57.45 | 57.45 | 45.45 | 45.45 | 45.45 | 45.45 |
| May 1996 | 59.45 | 59.45 | 59.45 | 59.45 | 47.45 | 47.45 | 47.45 | 47.45 |
| March 1997 | 61.95 | 61.95 | 61.95 | 61.95 | 49.95 | 49.95 | 49.95 | 49.95 |
| September 1997 | 65.45 | 65.45 | 65.45 | 65.45 | 53.45 | 53.45 | 53.45 | 53.45 |
| January 1998 | 66.70 | 66.70 | 66.70 | 66.70 | 54.70 | 54.70 | 54.70 | 54.70 |
| April 1998 | 69.20 | 69.20 | 69.20 | 69.20 | 57.20 | 57.20 | 57.20 | 57.20 |
| May 1998 | 71.70 | 71.70 | 71.70 | 71.70 | 59.70 | 59.70 | 59.70 | 59.70 |
| August 1998 | 74.70 | 74.70 | 74.70 | 74.70 | 62.70 | 62.70 | 62.70 | 62.70 |
| November 1998 | 97.20 | 97.20 | 97.20 | 97.20 | 85.20 | 85.20 | 85.20 | 85.20 |
| August 1999 | 106.20 | 106.20 | 106.20 | 106.20 | 94.20 | 94.20 | 94.20 | 94.20 |
| January 2000 6/ | 117.70 | 117.70 | 117.70 | 117.70 | 100.70 | 100.70 | 100.70 | 100.70 |
| July 2000 7/ | 120.70 | 120.70 | 120.70 | 120.70 | 103.70 | 103.70 | 103.70 | 103.70 |

1/ Includes leading brands. A 3-percent discount is made for payment within 10 days or 2 percent within 14 days. 2/ For 1980-89 see TBS-238, April 1997.

3/ Effective January 1, 1991, the Federal excise tax increased to \$10.00 per 1,000 cigarettes. 4/ Effective January 1, 1993, the Federal excise tax increased to \$12.00 per 1,000 cigarettes. 5/ No changes in 1994. 6/ Effective Jan. 1, 2000, Federal excise tax increased to \$17 per pack. 7/ Last price change.

Note: The prices in this table apply to cigarettes manufactured for domestic sales by U.S. manufacturers only. Cigarettes manufactured for export are not included. These prices do not include rebates, discounts, and other adjustments to the wholesale list price.

Source: News reports and miscellaneous sources.

Table 6--Wholesale nonbrand cigarette price revisions, 1990-2000 1/

| Approximate date of change | Net price per 1,000 | | | |
|-------------------------------|---------------------|--------|----------------|--------|
| | Discounts | | Deep discounts | |
| | Regular | 100s | Regular | 100s |
| | | | Dollars | |
| June 1990 | 39.25 | 40.50 | 24.50 | 25.75 |
| December 1990 | 41.75 | 43.00 | 27.00 | 28.25 |
| Jan.-Feb. 1991 | 43.85 | 45.10 | 29.10 | 30.35 |
| March 1991 | 46.35 | 47.60 | 29.10 | 30.35 |
| June 1991 | 50.35 | 51.60 | 30.35 | 31.60 |
| November 1991 | 53.10 | 54.35 | 31.60 | 32.85 |
| April 1992 | 57.10 | 58.35 | 26.60 | 27.87 |
| July-August 1992 | 46.60 | 47.85 | 28.60 | 29.87 |
| November 1992 | 49.35 | 50.60 | 30.60 | 31.87 |
| January 1993 | 51.45 | 52.70 | 32.70 | 33.97 |
| February 1993 | 51.45 | 52.70 | 36.70 | 37.95 |
| March 1993 | 52.45 | 53.70 | 39.20 | 40.45 |
| August 1993 | 52.45 | 53.70 | 40.45 | 40.45 |
| November 1993 | 52.45 | 53.70 | 42.45 | 42.45 |
| May 1995 | 52.45 | 53.70 | 43.95 | 43.95 |
| April 1996 | 52.45 | 53.70 | 45.95 | 45.95 |
| September 1997 | 55.95 | 57.20 | 49.45 | 49.45 |
| January 1998 | 57.20 | 58.45 | 50.70 | 50.70 |
| April 1998 | 58.70 | 59.95 | 52.20 | 52.20 |
| May 1998 | 61.20 | 62.45 | 54.70 | 54.70 |
| August 1998 2/ | 63.20 | 65.45 | 57.70 | 57.70 |
| November 1998 2/ | 85.70 | 87.95 | 80.20 | 80.20 |
| August 1999 | 94.70 | 96.95 | 89.20 | 89.20 |
| January 2000 | 106.20 | 108.45 | 100.70 | 100.70 |
| July 2000 2/ | 109.20 | 111.45 | 103.70 | 103.70 |

1/ Typical prices. Prices for some brands higher and some lower. Includes Federal excise tax. 2/ Last price change.

Note: The prices in this table apply to cigarettes manufactured for domestic sales by U.S. manufacturers only. Cigarettes manufactured for export are not included. These prices do not include rebates, discounts, and other adjustments to the wholesale list price.

Source: News reports and miscellaneous sources.

Table 7--Cigars and smoking tobacco: Output, removals, and consumption, 1996-2000

| Year and item | Output | Removals | | Imports | Exports | Total U.S. consumption 2/ |
|------------------------------|--------|------------|------------|---------|---------|---------------------------|
| | | Taxable 1/ | Tax-exempt | | | |
| Million | | | | | | |
| Large cigars and cigarillos: | | | | | | |
| 1996 | 2,413 | 2,720 | 98 | 320 | 67 | 3,054 |
| 1997 | 2,324 | 2,966 | 110 | 576 | 86 | 3,517 |
| 1998 | 2,751 | 3,185 | 122 | 507 | 93 | 3,655 |
| 1999 | 2,905 | 3,330 | 148 | 496 | 84 | 3,826 |
| 2000 3/ | 2,800 | 3,213 | 142 | 532 | 93 | 3,746 |
| Year ending June 30 | | | | | | |
| 1996 | 2,195 | 2,950 | 111 | 169 | 94 | 3,136 |
| 1997 | 2,709 | 3,252 | 130 | 448 | 120 | 3,710 |
| 1998 | 2,793 | 3,205 | 134 | 582 | 97 | 3,824 |
| 1999 | 2,707 | 3,223 | 135 | 463 | 86 | 3,686 |
| 2000 3/ | 2,653 | 3,159 | 130 | 497 | 94 | 3,655 |
| Million pounds | | | | | | |
| Smoking tobacco: | | | | | | |
| 1996 | 12.0 | 11.3 | 0.6 | 1.9 4/ | 0.7 | 15.5 5/ |
| 1997 | 11.4 | 10.9 | 0.9 | 1.5 4/ | 0.8 | 15.2 5/ |
| 1998 | 11.7 | 11.3 | 0.6 | 1.4 4/ | 0.6 | 14.9 5/ |
| 1999 | 14.7 | 13.4 | 1.6 | 1.6 4/ | 0.6 | 15.0 5/ |
| 2000 3/ | 14.1 | 13.0 | 1.1 | 1.6 4/ | 0.4 | 14.6 5/ |
| Year ending June 30 | | | | | | |
| 1996 | 11.8 | 11.5 | 0.5 | 1.9 4/ | 0.3 | 16.3 5/ |
| 1997 | 11.4 | 10.8 | 0.5 | 1.7 4/ | 1.0 | 15.0 5/ |
| 1998 | 13.5 | 12.6 | 0.9 | 1.6 4/ | 0.6 | 14.2 5/ |
| 1999 | 14.3 | 13.3 | 1.0 | 1.3 4/ | 0.6 | 14.7 5/ |
| 2000 3/ | 14.4 | 12.9 | 1.5 | 1.5 4/ | 0.4 | 14.4 5/ |

1/ Includes United States and Puerto Rico combined. 2/ Total removals (or sales) from U.S. factories plus those from Puerto Rico, and imports minus exports. 3/ Estimated. 4/ Total imports including re-exports to Canada. 5/ Adjusted to reflect estimated re-exports to Canada.

Compiled from reports of the Bureau of Alcohol, Tobacco, and Firearms; Bureau of the Census; and Agricultural Marketing Service.

Table 8--Tobacco products: Output by category, 1991-2000

| Period | Chewing tobacco | | | | | Snuff dry | Snuff moist | Small cigars 2/ | Smoking tobacco in bulk (exports) |
|---------------------|-----------------|------------|-------|------------|----------|-----------|-------------|-----------------|-----------------------------------|
| | Plug-firm | Plug-moist | Twist | Loose leaf | Total 1/ | | | | |
| Million pounds | | | | | | | | | |
| 1991 | 4.6 | 2.1 | 1.2 | 64.3 | 72.2 | 6.3 | 48.0 | 1,325 | 63.2 |
| 1992 | 4.0 | 1.9 | 1.2 | 61.6 | 68.7 | 6.6 | 50.9 | 1,310 | 59.1 |
| 1993 | 3.8 | 1.5 | 1.1 | 58.0 | 64.4 | 5.9 | 53.2 | 1,280 | 62.5 |
| 1994 | 3.3 | 1.3 | 1.1 | 56.8 | 62.5 | 5.6 | 53.9 | 1,410 | 77.0 |
| 1995 | 2.9 | 1.2 | 1.1 | 57.4 | 62.6 | 5.6 | 54.6 | 1,430 | 91.8 |
| 1996 | 2.9 | 1.0 | 1.1 | 56.0 | 61.1 | 4.0 | 57.5 | 1,503 | 110.4 |
| 1997 | 2.6 | 0.9 | 1.0 | 53.7 | 58.1 | 4.4 | 59.9 | 1,476 | 118.2 |
| 1998 | 2.4 | 0.7 | 1.0 | 49.2 | 53.3 | 4.3 | 61.2 | 1,710 | 143.8 |
| 1999 | 2.2 | 0.6 | 0.9 | 47.2 | 50.9 | 3.7 | 63.3 | 2,296 | 151.1 |
| 2000 3/ | 2.1 | 0.5 | 0.8 | 45.9 | 49.4 | 3.8 | 68.0 | 2,445 | 160.0 |
| Year ending June 30 | | | | | | | | | |
| 1991 | 4.8 | 2.3 | 1.2 | 64.5 | 72.8 | 6.5 | 47.2 | 1,277 | 58.8 |
| 1992 | 4.3 | 2.0 | 1.2 | 64.3 | 71.8 | 6.1 | 49.4 | 1,337 | 62.4 |
| 1993 | 3.8 | 1.6 | 1.2 | 57.3 | 63.9 | 6.4 | 52.8 | 1,274 | 56.2 |
| 1994 | 3.5 | 1.4 | 1.1 | 59.2 | 65.2 | 5.5 | 53.3 | 1,368 | 71.4 |
| 1995 | 3.1 | 1.3 | 1.1 | 58.8 | 64.3 | 5.9 | 54.5 | 1,450 | 84.1 |
| 1996 | 3.0 | 1.1 | 1.1 | 55.0 | 60.3 | 4.9 | 55.4 | 1,433 | 102.0 |
| 1997 | 2.8 | 1.0 | 1.0 | 54.4 | 59.2 | 4.1 | 58.6 | 1,587 | 118.4 |
| 1998 | 2.4 | 0.8 | 1.0 | 52.5 | 56.7 | 4.3 | 60.9 | 1,575 | 131.6 |
| 1999 | 2.2 | 0.7 | 0.9 | 48.1 | 51.9 | 4.1 | 62.0 | 1,942 | 134.6 |
| 2000 | 2.1 | 0.6 | 0.8 | 46.5 | 50.1 | 3.7 | 65.6 | 2,746 | 149.1 |

1/ Details may not add to total due to rounding. 2/ Weight not more than 3 pounds per thousand. 3/ Estimated.

Source: Agricultural Marketing Service, USDA.

U.S. Exports and Imports

U.S. exports of unmanufactured tobacco during 1999/2000 (July-June) declined to 390.3 million pounds, (653.8 million pounds farm-sales weight). The 16-percent drop is due to larger world supplies and continued reduced demand in Asia and the European Union. The drop is about the same as last year's. July-June flue-cured shipments fell 23 percent, the second decline in a row, while burley shipments fell 30 percent, falling below 100 million pounds to 83 million pounds. October - June (crop year to date) burley shipments fell 28 percent after a similar drop last year. July-June (1999/2000) export value for all unmanufactured tobacco reached \$1.21 billion, 16 percent below 1998/99. Lower volume accounted for most of the change. Leaf exports in 2000/01 are expected to continue slipping due to higher expected world supplies (excluding China) and declining consumption.

U.S. Cigarette Exports

Total U.S. cigarette exports reached 142.6 billion pieces during July 1999-June 2000. Exports for July-June the previous year were 176.8 billion pieces. The 34.2 billion-piece drop was spread among many countries. Shipments to Belgium-Luxembourg fell the most, from 34.9 to 6.3 billion pieces, and shipments to Cyprus and Hong Kong also declined. Japan and Saudi Arabia imported more U.S. cigarettes.

World Cigarette Trade

The United States is the world's leading exporter of cigarettes and a distant second in cigarette production to China, which produces 30 percent of world output (table 27). In 1999, the United Kingdom was the second largest exporter of cigarettes, followed by the Netherlands.

World Cigarette Production Fell Slightly in 1999

Japan, the major consumer of U.S. cigarettes, had downward-trending cigarette consumption in recent years. Overall, Japan imported 82.9 billion pieces in 1999. Economic uncertainty in Asian countries is expected to further dampen cigarette imports.

July-June Leaf Imports for Consumption Fall

U.S. unmanufactured tobacco imports for consumption (duty-paid) totaled 485.3 million pounds, declared weight, during July 1999-June 2000 compared with 534.4 million pounds the previous year. Imports in 1997/98 were 573.2 million pounds. For the July-June period, imports of stems fell 7 percent, and cigarette tobacco inflows fell only 3.2 percent; both continuing last year's declines. Cigar leaf and scrap imports advanced 3.7 percent (table 11).

General imports (arrivals to bonded warehouses) advanced 9 percent during July-June 1999/2000 to 516.4 million pounds. Gains were in Oriental, flue-cured, burley, and cigar leaf. Stems declined. General imports in 1998/99 were 474.5 million pounds and in 1997/98 were 681.4 million pounds. Stocks of imported cigarette leaf totaled 840.1 billion pounds (farm-sales weight) on July 1, 2000, 130 million pounds less than a year ago.

U.S. cigar and cigarette manufacturers use imported leaf in their blends. For the year ending June 30, 2000, cigarettes and other products, and semi-processed tobacco using ciga-

Table 9--U.S. imports of unmanufactured and other tobacco: Quantity and average value, by kinds, 1999/2000 1/

| Kind | Quantity | Change from | Value per |
|--------------------------------|----------|-------------|-----------|
| | 1999/00 | 1998/99 | pound |
| | Million | Percent | Dollars |
| | pounds | | |
| Imports for consumption | | | |
| Cigarette 2/ | | | |
| Flue-cured leaf | 4.6 | -41 | 0.91 |
| Burley leaf | 0.4 | -34 | 0.78 |
| Other | 0.0 | * | * |
| Oriental leaf | 121.4 | -22 | 1.95 |
| Stemmed leaf | | | |
| Flue-cured | 103.6 | -12 | 1.27 |
| NSPF | 116.9 | 24 | 1.54 |
| Scrap | * | * | * |
| Manufactured or not mfd., NSPF | 5.1 | 4 | 1.78 |
| Cigar | | | |
| Leaf | 55.3 | 125 | 2.14 |
| Scrap | 1.7 | 2 | 1.30 |
| Stems | 76.3 | 26 | 0.21 |
| Total 3/ | 485.3 | -26 | 1.33 |
| General Imports | | | |
| Cigarette 2/ | | | |
| Flue-cured leaf | 5.0 | -32 | 0.99 |
| Burley leaf | 5.0 | 46 | 1.06 |
| Other | * | * | * |
| Oriental leaf | 125.9 | 10 | 2.01 |
| Stemmed leaf | | | |
| Flue-cured | 115.8 | 37 | 1.38 |
| NSPF | 114.8 | 22 | 1.52 |
| Scrap | * | * | * |
| Manufactured or not mfd., NSPF | 6.8 | 42 | 1.65 |
| Cigar | | | |
| Leaf | 55.7 | 10 | 1.20 |
| Scrap | 1.7 | 151 | 2.30 |
| Stems | 85.7 | -14 | 0.18 |
| Total 3/ | 516.4 | -14 | 1.35 |

1/ Year ending June 30, 2000. 2/ Includes minor quantities for smoking tobacco, chewing tobacco, and snuff. 3/ Includes other stemmed and unstemmed leaf. * = negligible.

Compiled from publications and records of the Bureau of the Census.

rette leaf and stems, contained about 44.6 percent of foreign tobacco, compared with 38.2 percent in 1999. U.S. cigarette leaf imports for consumption (January-June) averaged \$1.57 per pound, excluding ocean freight and duty, compared with \$1.76 during the same period last year.

Tobacco Trade Balance Slips Again

The value of U.S. tobacco leaf and product exports in 1999/2000 (July-June) was \$4.9 billion, \$847 million lower

than the \$5.8 billion in 1998/99 (July-June). Cigarette export value fell about \$600 million. Cigar value increased slightly but most other categories slipped. Leaf and product import value in 1999/2000 (July-June) was \$1.1 billion, about \$113 million less than the previous year. On a July-June basis, the value of leaf exports exceeded leaf imports for consumption by over \$500 million. The total tobacco balance of trade (leaf and product) was positive at \$3.8 billion for 1999/2000, but smaller than last year's \$4.7 billion, and the lowest since 1988.

Table 10--U.S. exports of unmanufactured tobacco by types and to principal importing countries, 1995-2000 (declared weight)

| Type & country | 1995 | 1996 | 1997 | 1998 | 1999 | January-June | | Pct. change, 1999-2000 Percent |
|-------------------------------|----------------|-------|-------|-------|-------|--------------|---------|--------------------------------------|
| | | | | | | 1999 | 2000 1/ | |
| | Million pounds | | | | | | | |
| Type: | | | | | | | | |
| Flue-cured | 271.3 | 248.7 | 256.7 | 243.5 | 188.6 | 117.0 | 108.4 | -7 |
| Burley | 103.9 | 115.1 | 125.2 | 110.5 | 106.9 | 85.6 | 62.1 | -27 |
| Maryland | 3.6 | 4.6 | 5.3 | 3.6 | 4.9 | 1.6 | 1.9 | 19 |
| Fire-cured, Ky. and Tenn. | 9.7 | 11.7 | 14.9 | 14.3 | 14.7 | 7.3 | 9.3 | 27 |
| Virginia fire- & sun-cured | 1.4 | 1.1 | 1.0 | 0.7 | 1.6 | 1.2 | 0.1 | -92 |
| Black Fat | 3.0 | 0.6 | 1.1 | * | * | * | * | * |
| Cigar wrapper | 2.7 | 6.5 | 5.3 | 5.0 | 5.5 | 1.8 | 2.1 | 19 |
| Cigar binder | 0.2 | * | 0.4 | 0.1 | 0.7 | 0.0 | 0.1 | * |
| Stems and refuse | 42.8 | 74.9 | 54.8 | 59.7 | 65.9 | 39.5 | 42.7 | 8 |
| Other leaf | 23.2 | 17.6 | 22.5 | 28.9 | 28.8 | 14.5 | 15.8 | 9 |
| Total 2/ | 461.8 | 485.5 | 487.4 | 466.3 | 417.5 | 268.5 | 242.3 | -10 |
| Country of destination: | | | | | | | | |
| Austria | 0.5 | 1.0 | 0.2 | 0.1 | * | * | * | * |
| Finland | 1.5 | 0.2 | 1.8 | 1.0 | 2.0 | 0.9 | 0.0 | -99 |
| Sweden | 3.0 | 3.7 | 5.3 | 2.6 | 3.9 | 1.4 | 2.3 | 64 |
| Greece | 0.8 | 0.5 | 1.0 | 0.5 | 0.6 | 0.4 | 0.2 | * |
| United Kingdom | 14.2 | 34.4 | 18.2 | 15.6 | 9.0 | 6.5 | 4.4 | -32 |
| France | 3.9 | 3.2 | 7.0 | 6.6 | 5.6 | 2.9 | 3.1 | 7 |
| Belgium-Luxem. | 17.9 | 39.7 | 38.9 | 25.2 | 18.3 | 14.1 | 8.6 | -39 |
| Netherlands | 39.2 | 40.4 | 30.2 | 43.9 | 64.5 | 54.9 | 17.6 | -68 |
| Germany | 70.7 | 60.1 | 72.2 | 84.6 | 71.9 | 40.0 | 53.0 | 33 |
| Denmark | 14.6 | 15.1 | 15.5 | 14.8 | 14.9 | 7.3 | 7.3 | 0 |
| Ireland | 2.6 | 0.5 | 0.2 | 0.4 | * | 0.0 | 0.0 | * |
| Italy | 14.8 | 17.3 | 18.3 | 13.6 | 15.1 | 9.6 | 0.5 | -95 |
| Portugal | 0.2 | * | * | 3.2 | 1.3 | 0.2 | 3.7 | * |
| Spain | 11.8 | 18.0 | 15.6 | 17.5 | 15.5 | 8.4 | 7.1 | -15 |
| Total EU-15 | 195.6 | 234.1 | 224.4 | 229.6 | 222.6 | 146.6 | 107.8 | -26 |
| Canada | 0.8 | 2.9 | 3.6 | 1.0 | 0.7 | 0.6 | 0.4 | -33 |
| Switzerland | 14.4 | 14.9 | 11.4 | 10.3 | 16.1 | 12.9 | 8.0 | -38 |
| Norway | 1.7 | 2.8 | 2.5 | 3.1 | 1.8 | 0.9 | 0.8 | -11 |
| Thailand | 19.0 | 15.9 | 21.3 | 14.2 | 6.8 | 5.8 | 5.2 | -10 |
| South Korea | 13.2 | 14.5 | 15.6 | 9.4 | 12.7 | 6.9 | 7.1 | 3 |
| Malaysia | 11.1 | 14.7 | 19.5 | 10.8 | 11.7 | 5.7 | 7.3 | 28 |
| Philippines | 5.5 | 6.4 | 7.6 | 5.0 | 0.6 | 3.3 | 2.6 | -21 |
| Taiwan | 11.8 | 9.2 | 11.9 | 10.5 | 4.4 | * | * | * |
| Japan | 106.9 | 88.7 | 80.5 | 85.3 | 60.3 | 54.1 | 47.4 | -12 |
| Hong Kong | 10.4 | 5.4 | 4.7 | 0.9 | 0.1 | 0.1 | * | * |
| Australia | 4.8 | 5.6 | 4.2 | 5.0 | 3.2 | 2.5 | 2.1 | -16 |
| New Zealand | 0.9 | 1.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.4 | 33 |
| Egypt | 6.0 | 0.7 | 0.4 | 0.1 | 0.8 | 0.7 | 0.7 | 0 |
| Turkey | 22.0 | 34.1 | 42.2 | 44.2 | 23.0 | 6.0 | 11.6 | 93 |
| Dominican Republic | 4.2 | 5.8 | 9.1 | 8.2 | 10.7 | 3.3 | 7.2 | 118 |
| Singapore | 8.2 | 7.5 | 3.8 | 2.4 | 0.8 | 0.7 | 0.2 | -71 |
| Nigeria | 4.1 | 0.8 | 2.5 | 3.1 | 3.6 | 2.4 | 3.1 | 29 |
| Other countries | 9.4 | 19.8 | 21.5 | 22.7 | 37.1 | 15.7 | 30.4 | 94 |
| Total 2/ | 461.8 | 485.5 | 487.4 | 466.3 | 417.5 | 268.5 | 242.3 | -10 |

* = Negligible.

1/ Preliminary. 2/ Data may not add to total due to rounding.

Compiled from publications and records of the Bureau of the Census.

Table 11--U.S. imports of unmanufactured tobacco for consumption and general imports, principal categories, and countries of origin, 1999/2000 (declared weight)

| Item | Imports for consumption | | | | General imports (arrivals) | | | |
|--|-------------------------|--------------|---------|--|----------------------------|--------------|---------|--|
| | July 1999- June 2000 | January-June | | Percentage change from 1999/2000 | July 1999- June 2000 | January-June | | Percentage change from 1999/2000 |
| | | 1999 | 2000 1/ | | | 1999 | 2000 1/ | |
| | Million pounds | | | Percent | Million pounds | | | Percent |
| Cigarette tobacco Leaf (unstemmed): | | | | | | | | |
| Oriental | | | | | | | | |
| Turkey | 77.7 | 45.0 | 46.1 | 2.4 | 82.0 | 41.5 | 36.8 | -11.3 |
| Greece | 11.3 | 6.4 | 5.4 | -15.6 | 17.1 | 7.9 | 5.6 | -29.1 |
| Macedonia | 9.9 | 3.6 | 4.1 | 13.2 | 5.2 | 9.5 | 3.3 | -65.3 |
| Other countries | 22.5 | 9.6 | 10.2 | 6.7 | 21.6 | 11.6 | 12.9 | 11.2 |
| Total Oriental | 121.4 | 64.6 | 65.8 | 1.9 | 125.9 | 70.5 | 58.6 | -16.9 |
| Flue-cured | 4.6 | 7.1 | 4.4 | -38.0 | 5.0 | 7.1 | 4.8 | -32.4 |
| Burley | 0.4 | 0.4 | 0.1 | -75.0 | 5.0 | 2.5 | 2.9 | 16.0 |
| Other (unstemmed) | 0.0 | 0.6 | 0.0 | * | * | 0.6 | 0.0 | * |
| Total unstemmed leaf | 126.4 | 72.7 | 70.3 | -3.3 | 135.9 | 80.7 | 66.3 | -17.8 |
| Cigarette tobacco leaf (stemmed): | | | | | | | | |
| Flue-cured-- | | | | | | | | |
| Brazil | 52.0 | 56.8 | 37.9 | -33.3 | 82.8 | 17.6 | 26.8 | 52.3 |
| Other countries | 51.6 | 26.7 | 26.6 | -0.4 | 33.0 | 31.5 | 22.2 | -29.6 |
| Total stemmed flue-cured | 103.6 | 83.5 | 64.5 | -22.8 | 115.8 | 49.1 | 49.0 | -0.2 |
| NSPF-- | | | | | | | | |
| Guatemala | 7.0 | * | 2.1 | * | 7.3 | * | 2.0 | * |
| Brazil | 34.3 | 6.5 | 20.1 | 209.2 | 25.2 | 4.2 | 6.1 | 45.2 |
| Argentina | 13.3 | 1.8 | 7.9 | 338.9 | 6.2 | 2.0 | 2.0 | 0.0 |
| Mexico | 6.0 | 0.8 | 0.4 | -50.0 | 10.0 | 0.7 | 0.6 | -14.3 |
| Italy | 3.5 | * | 0.2 | * | 1.2 | * | 2.0 | * |
| Zimbabwe | 0.8 | 2.5 | 0.6 | -76.0 | 3.2 | 1.9 | 0.1 | -94.7 |
| Thailand | 13.3 | 3.3 | 2.9 | -12.0 | 11.0 | 5.5 | 4.3 | -21.8 |
| China | 2.9 | 2.5 | 1.6 | -36.0 | 4.0 | 3.0 | 0.5 | -83.3 |
| Malawi | 23.8 | 20.0 | 19.6 | -2.2 | 33.6 | 12.2 | 8.6 | -29.5 |
| Other countries | 12.0 | 5.2 | 2.3 | -56.1 | 13.1 | 2.2 | 1.6 | -27.3 |
| Total NSPF | 116.9 | 42.7 | 57.7 | 35.2 | 114.8 | 31.7 | 27.8 | -12.3 |
| Total cigarette leaf | 346.9 | 198.9 | 192.5 | -3.2 | 366.5 | 161.5 | 143.1 | -11.4 |
| Manufactured or not manufactured categories 2/ | 5.1 | 2.9 | 2.0 | -31.0 | 6.8 | 2.0 | 3.1 | 55.0 |
| Scrap: | | | | | | | | |
| Dominican Republic | * | * | * | * | * | * | * | * |
| Turkey | * | * | * | * | * | * | * | * |
| Other countries | * | * | * | * | * | * | * | * |
| Total scrap | * | * | * | * | * | * | * | * |
| Total cigarette tobacco | 352.0 | 201.8 | 194.5 | -3.6 | 373.3 | 163.5 | 146.2 | -10.6 |
| Cigar tobacco: | | | | | | | | |
| Wrapper | 6.8 | 1.0 | 0.9 | -10.0 | 6.8 | 5.8 | 0.9 | -84.5 |
| Filler (stemmed and unstemmed) | | | | | | | | |
| Dominican Republic | 8.1 | 8.2 | 4.4 | -46.3 | 8.0 | 8.2 | 4.4 | -46.3 |
| Indonesia | 15.1 | 2.1 | 8.1 | 284.0 | 14.4 | 4.4 | 7.4 | 69.2 |
| Brazil | 1.6 | 1.4 | 1.1 | -20.5 | 1.3 | 2.6 | 1.1 | -57.7 |
| Philippines | 4.0 | 3.0 | 1.1 | -63.2 | 4.0 | 3.0 | 1.9 | -36.4 |
| Other countries | 24.7 | 9.5 | 14.6 | 53.2 | 26.2 | 8.5 | 13.6 | 59.1 |
| Total filler | 53.5 | 24.2 | 29.3 | 21.1 | 53.9 | 26.7 | 28.4 | 6.4 |
| Cigar scrap: | | | | | | | | |
| Honduras | 0.2 | * | * | * | 0.2 | 0.1 | 0.1 | * |
| Dominican Republic | * | * | 0.1 | * | * | * | 0.1 | * |
| Other countries | 0.5 | 0.2 | 0.2 | 0.0 | 0.5 | 0.1 | 0.8 | 763.1 |
| Total cigar scrap | 0.7 | 0.2 | 0.9 | 350.0 | 0.7 | 0.2 | 0.9 | 350.0 |
| Total cigar tobacco | 57.0 | 30.1 | 31.2 | 3.7 | 57.4 | 33.3 | 32.7 | -1.8 |
| Other stemmed and unstemmed leaf | 2.5 | 1.0 | 1.6 | 55.6 | 2.4 | 0.8 | 1.8 | 125.0 |
| Stems | 76.3 | 49.0 | 45.6 | -6.9 | 85.7 | 32.4 | 31.1 | -4.0 |
| GRAND TOTAL | 485.3 | 281.9 | 272.8 | -3.2 | 516.4 | 230.0 | 209.3 | -9.0 |

* = Negligible.

1/ Preliminary. 2/ Includes tobacco, manufactured or not manufactured, except smoking tobacco in retail packages, flue-cured, and tobacco, manufactured or not manufactured, not specially provided for (other).

Due to aggregation, rounding errors may occur.

Compiled from publications and records of the Bureau of the Census.

Table 12--U.S. exports of unmanufactured tobacco by types, to principal importing countries, crop years 1997/98-1999/2000 (declared weight) 1/

| Importing country | 1997/98 | 1998/99 | 1999/2000 2/ | Importing country | 1997/98 | 1998/99 | 1999/2000 2/ |
|-----------------------------------|---------|---------|--------------|-------------------------------------|---------|---------|--------------|
| Million pounds | | | | 1,000 pounds | | | |
| Flue-cured, types 11-14 | | | | Va. fire & sun-cured, types 21 & 37 | | | |
| United Kingdom | 13.8 | 9.4 | 4.7 | United Kingdom | * | * | 15 |
| Germany | 40.5 | 38.9 | 42.0 | Norway | 43 | 488 | 174 |
| Japan | 51.1 | 53.4 | 33.5 | Sweden | 347 | 502 | 85 |
| Netherlands | 13.8 | 29.6 | 11.9 | Germany | * | * | 2 |
| Thailand | 6.3 | 4.3 | 2.6 | Other countries | 39 | 640 | 20 |
| Australia | 3.9 | 4.0 | 2.3 | Total 3/ | 429 | 1,630 | 296 |
| Italy | 7.1 | 8.9 | 9.7 | | | | |
| Sweden | 0.8 | 0.7 | 1.5 | Binder, types 51-55 | | | |
| Norway | 1.8 | 2.0 | 1.2 | Dominican Republic | 24 | 3 | 40 |
| Finland | 0.2 | * | * | Switzerland | * | * | * |
| Denmark | 6.8 | 7.6 | 7.1 | Italy | 353 | 630 | * |
| Ireland | 0.3 | * | * | Other countries | 496 | 149 | 57 |
| Belgium-Luxembourg | 15.9 | 11.3 | 3.8 | Total 3/ | 873 | 782 | 97 |
| Switzerland | 4.5 | 8.7 | 6.5 | | | | |
| Republic of Korea | 18.1 | 6.9 | 12.4 | Cigar wrapper, types 61-62 | | | |
| Philippines | 1.4 | 1.4 | 1.3 | United Kingdom | * | 11 | 11 |
| Spain | 2.9 | * | * | Germany | 0 | 16 | * |
| Malaysia | 9.7 | 8.0 | 7.6 | Canada | * | * | * |
| Taiwan | 10.2 | 9.0 | 2.6 | Dominican Republic | 4,649 | 4,080 | 5,420 |
| Hong Kong | 0.8 | 0.1 | * | Netherlands | * | 16 | 16 |
| Turkey | 9.7 | 19.0 | 16.2 | Other countries | 681 | 1,022 | 286 |
| Other countries | 15.3 | 11.6 | 13.0 | Total 3/ | 5,330 | 5,145 | 5,733 |
| Total 3/ | 234.9 | 234.8 | 179.9 | | | | |
| Burley, type 31 | | | | Blackfat | | | |
| Italy | * | 3.6 | 2.4 | Benin (Dahomey) | * | * | * |
| Sweden | 0.5 | 0.4 | 0.5 | Nigeria | * | * | * |
| Denmark | 3.4 | 2.9 | 3.0 | Bahamas | 22 | * | * |
| Belgium-Luxembourg | 11.0 | 7.7 | 5.8 | Costa Rica | * | 6 | * |
| Netherlands | 14.2 | 30.3 | 4.7 | Other countries | 27 | 1 | * |
| Japan | 3.5 | 13.3 | 12.8 | Total 3/ | 49 | 7 | * |
| Germany | 1.3 | 20.5 | 21.9 | | | | |
| Switzerland | * | 3.8 | 1.4 | | | | |
| United Kingdom | 0.3 | 0.8 | * | Other leaf | | | |
| Thailand | * | 3.5 | * | Dominican Republic | 4.2 | 3.0 | 3.0 |
| Philippines | 1.2 | 4.5 | 3.3 | United Kingdom | 0.1 | 0.2 | 0.1 |
| Hong Kong | 0.2 | 0.0 | 0.0 | Netherlands | 1.1 | 0.5 | 0.3 |
| Turkey | * | 9.9 | 4.7 | Germany | 0.1 | 0.1 | 1.2 |
| Other countries | 75.2 | 5.9 | 13.8 | Spain | 11.8 | 13.8 | 7.1 |
| Total 3/ | 110.8 | 107.1 | 74.3 | France | * | * | * |
| | | | | Canada | 0.8 | 0.2 | 0.4 |
| Maryland, type 32 | | | | Other countries | 10.3 | 9.5 | 11.3 |
| Italy | 1.1 | 1.7 | 0.4 | Total 3/ | 28.4 | 27.3 | 23.4 |
| Germany | 1.6 | 1.0 | 0.8 | | | | |
| Switzerland | 0.5 | 0.4 | 0.4 | Stems, trimmings, and scrap | | | |
| Other countries | 1.5 | 1.4 | 1.3 | Sweden | 2.0 | 1.1 | 0.3 |
| Total 3/ | 4.7 | 4.5 | 2.9 | Denmark | 4.1 | 3.2 | 3.8 |
| Ky.-Tenn. fire-cured, types 22-23 | | | | United Kingdom | 3.0 | 2.6 | 1.4 |
| Sweden | 1.1 | 0.7 | 1.1 | Germany | 9.6 | 9.3 | 12.4 |
| Netherlands | 6.3 | 6.3 | 5.9 | Japan | 13.6 | 12.5 | 6.1 |
| Belgium-Luxembourg | 0.4 | 0.3 | 0.6 | France | 1.4 | 1.3 | 1.1 |
| France | 2.6 | 1.3 | 1.9 | Spain | 12.3 | 0.3 | 0.1 |
| Switzerland | 0.4 | 0.5 | 0.2 | Switzerland | 2.5 | 2.2 | 2.3 |
| Italy | * | 0.7 | 0.5 | Turkey | 3.2 | 4.9 | 3.9 |
| Nigeria | 0.9 | 0.9 | 0.5 | Canada | 1.0 | * | * |
| Other countries | 4.0 | 2.5 | 3.2 | Other countries | 36.3 | 25.6 | 25.2 |
| Total 3/ | 15.7 | 13.2 | 13.9 | Total 3/ | 89.0 | 63.0 | 56.6 |

* = Negligible. 1/ July-June crop year for flue-cured and cigar wrapper; October-September crop year for all other types except October-June for 1998/99.

2/ Subject to revision. 3/ Data may not add to total because of rounding.

Compiled from publications and records of the Bureau of the Census.

U.S. Tobacco Leaf Situation and Outlook ¹

During the past marketing year (1999/2000), about 65 percent of U.S.-grown tobacco leaf was used for domestic manufacture and 35 percent was exported. Estimated disappearance of U.S. leaf fell 15 percent to 1.22 billion pounds.

For 2000, effective marketing quotas for flue-cured fell 120 million pounds and burley effective quotas fell 323 million pounds, by nearly half. Flue-cured acreage declined at a slightly slower rate than the previous season, while burley plummeted by a third. The September 1 production forecast for all tobacco is 1.09 billion pounds, 15 percent below last season's production.

Efforts To Eliminate Unauthorized Pesticides Continue

Pesticide use on U.S. tobacco has been restricted for many years. Furthermore, the Food Security Act of 1985 extended adherence standards. The act requires the United States Department of Agriculture (USDA) to inspect domestic and imported flue-cured and burley tobacco to determine if pesticide residues exceed established limits.

Before selling their tobacco, growers must certify to the Farm Service Agency (FSA) that any pesticides used in production have been approved by the Environmental Protection Agency for use on tobacco and were applied in accordance with labeled directions. Growers lose price support if they falsify the certification, fail to certify, or refuse to provide samples for testing. Growers who are found filing a false report will be required to refund any price support advances received on the current crop. In addition, violators are subject to a \$10,000 fine, 5 years imprisonment, or both.

To ensure the integrity of U.S.-grown tobacco, efforts to eliminate unauthorized pesticides include 1) tests of samples taken from auction warehouse floors, 2) efforts to educate growers about nonapproved pesticides, and 3) intensified monitoring of pesticide use and penalties for misuse.

U.S. Industry Buys 357.9 Million Pounds of 1999 Flue-Cured Tobacco

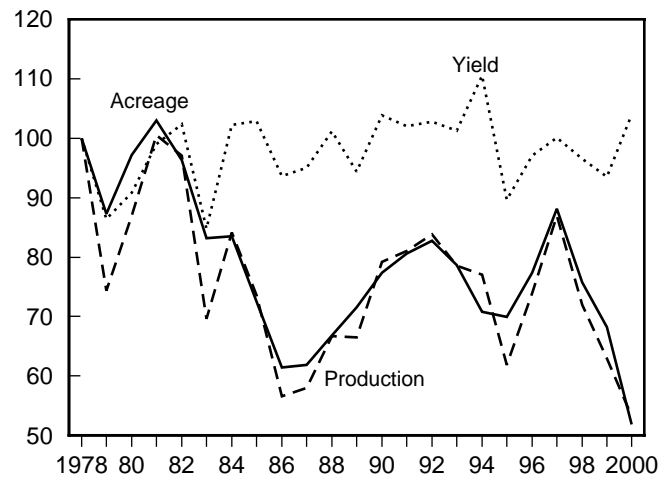
U.S. cigarette manufacturers purchased 357.9 million pounds (farm-sales weight) of flue-cured tobacco during the July 1999-June 2000 marketing year, 118.4 million pounds less than the previous year. Actual purchases were 109 percent of manufacturers' purchase intentions of 327.0 million pounds. Legislation requires each major domestic cigarette manufacturer to purchase an amount equal to at least 90 percent of their stated purchase intentions to avoid the assess-

¹ All quantities in this section are farm-sales weight, unless otherwise indicated.

Figure 3

Tobacco acreage, yield, and production

% of 1978



Source: National Agricultural Statistics Service, USDA.

ment of a penalty. Manufacturers purchased 476.3 million pounds of flue-cured tobacco in 1998, or 105 percent of that year's purchase intentions.

Marketing Quota and Price Support in 2001

By December 15, 2000, USDA will announce the flue-cured poundage quota and matching acreage allotment for 2001. Individual farm quotas and acreage allotments for the next year will reflect this year's overmarketings and undermarketings. Marketings this year are expected to be below this year's effective quota at about 570 million pounds (table 15).

By February 1, 2001, USDA will announce the 2001 burley poundage quota, and by March 1, it will announce the 2001 acreage allotments for other kinds of tobacco. Growers of fire-cured, dark air-cured, and Wisconsin binder tobaccos have approved marketing quotas applicable to the 2001 crops. Growers of flue-cured, burley, Virginia sun-cured, Maryland, and Pennsylvania filler will vote in January 2001 whether or not to have quotas on the 2001, 2002, and 2003 crops.

The quota law provides that flue-cured and burley quotas equal the sum of buying intentions of domestic cigarette manufacturers, the 3-year average of unmanufactured tobacco exports, and adjustments of loan association inventories needed to reach the reserve stock level. The Secretary of Agriculture may adjust this three-part total either up or down by a maximum of 3 percent.

Table 13--All tobacco: Acreage, yield, and production, United States, 1965-2000

| Year | Acreage | Yield | Production |
|---------|----------------|----------|----------------|
| | harvested | per acre | |
| | Thousand acres | Pounds | Million pounds |
| Average | | | |
| 1965-69 | 942 | 1,958 | 1,845 |
| 1970-74 | 886 | 2,053 | 1,819 |
| 1975-79 | 978 | 2,001 | 1,957 |
| 1980-84 | 878 | 2,046 | 1,800 |
| 1985-89 | 634 | 2,080 | 1,321 |
| 1990 | 733 | 2,218 | 1,625 |
| 1991 | 764 | 2,178 | 1,663 |
| 1992 | 785 | 2,194 | 1,722 |
| 1993 | 746 | 2,163 | 1,614 |
| 1994 | 671 | 2,358 | 1,583 |
| 1995 | 663 | 1,913 | 1,268 |
| 1996 | 733 | 2,071 | 1,517 |
| 1997 | 836 | 2,137 | 1,787 |
| 1998 | 718 | 2,061 | 1,479 |
| 1999 | 647 | 1,997 | 1,293 |
| 2000 1/ | 492 | 2,220 | 1,093 |

1/ Indicated September 1, 2000.

Source: National Agricultural Statistics Service, USDA.

Support levels for 2000 average \$1.640 per pound for flue-cured and \$1.805 per pound for burley. Grade loan rates range from \$1.20 to \$1.85 per pound for flue-cured and \$1.14 to \$2.07 per pound for burley. Price supports for other supported types range from \$1.238 per pound to \$1.716 per pound.

For 2001, the flue-cured and burley price support will be the level for 2000 adjusted by changes in the 5-year moving average of prices (two-thirds weight) and changes in a cost-

of-production index (one-third weight). Costs include general variable expenditures, but exclude costs of land, quota, risk, overhead, management, marketing contributions, and other costs not directly related to tobacco production. The Secretary of Agriculture can set the price support at the previous year's level adjusted by between 65 and 100 percent of the calculated increase or decrease.

For other kinds, changes in price support will continue to be based on the average of the parity index during the 3 previous years compared with 1959. However, loan associations can request lower support levels if market conditions warrant.

Estimated flue-cured production costs for 2000 are expected to be used by FSA in determining the cost component for the 2001 support level. The combined effect of price and cost changes will likely result in a slight increase in the flue-cured support level in 2001.

In separate referenda held in March 2000, growers of fire-cured (types 21-23) tobacco and dark air-cured tobacco (types 35-36) voted to continue marketing quotas for the years 2000, 2001, and 2002.

Growers of Maryland, Pennsylvania filler, and Connecticut binder tobacco turned down marketing quotas in their last referenda (1998), so Government price support is not available for their 2000 crop. Pennsylvania filler has never had marketing quotas. For Maryland, quotas last applied to the 1965 crop, and Connecticut binder quotas last applied to the 1983 crop. Shade-grown wrapper tobacco (type 61) is not covered by marketing quota legislation.

Table 14--Tobacco loan stocks, 1998-2000 (farm-sales weight)

| Type | 1998 | 1999 | 2000 |
|---------------------------|------------------------|-------|-------|
| | Million pounds, July 1 | | |
| Flue-cured, 11-14 | 250.9 | 294.6 | 263.9 |
| Burley, 31 | 183.9 | 226.6 | 420.7 |
| Virginia, 21 and 37 | 0.0 | 0.1 | 0.4 |
| Kentucky-Tennessee, 22-23 | 0.3 | 2.2 | 0.0 |
| Kentucky-Tennessee, 35-36 | 0.0 | 0.0 | 0.0 |
| Wisconsin Binder, 54-55 | 0.0 | 0.5 | 1.5 |
| Total | 435.1 | 524.0 | 686.5 |
| Uncommitted 1/ | | | |
| Flue-cured, 11-14 | 182.7 | 156.8 | 177.3 |
| Burley, 31 | 142.2 | 186.7 | 349.7 |

1/ Total unstemmed weight.

Compiled from records of Agricultural Marketing Service, USDA.

Table 15--Tobacco: No-net-cost assessment, by kind, 1991-2000 1/

| Kind and type | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| Cents per pound | | | | | | | | | | |
| Flue-cured, types 11-14 | | | | | | | | | | |
| Producer | 0.236 | 0.220 | 0.212 | 2.209 | 0.002 | 0.200 | 0.190 | 0.186 | 1.000 | 2.500 |
| Buyer | 0.236 | 0.220 | 2.212 | 4.209 | 1.002 | 1.000 | 0.190 | 0.186 | 1.000 | 2.500 |
| Burley, type 31 | | | | | | | | | | |
| Producer | 0.208 | 0.176 | 0.159 | 3.643 | 0.138 | 0.132 | 0.880 | 2.111 | 3.000 | 3.000 |
| Buyer | 0.208 | 0.176 | 2.659 | 3.743 | 0.138 | 0.132 | 0.880 | 2.111 | 3.000 | 3.000 |
| Fire-cured, type 21 | 12.000 | 13.316 | 11.303 | 7.297 | 15.285 | 3.273 | 2.251 | 1.232 | 2.000 | 2.000 |
| Fire-cured, types 22-23 | 0.831 | 1.290 | 0.768 | 1.259 | 1.214 | 1.222 | 0.189 | 0.160 | 0.000 2/ | 0.500 2/ |
| Dark air-cured, types 35-36 | 1.317 | 0.892 | 0.873 | 1.364 | 2.348 | 2.331 | 1.189 | 1.160 | 1.000 3/ | 1.500 3/ |
| | | | | | | | 0.301 | 0.275 | 0.000 2/ | 0.500 2/ |
| | | | | | | | 1.301 | 1.275 | 1.000 3/ | 1.500 3/ |
| | | | | | | | 2.301 | 2.275 | 3.000 4/ | 4.000 4/ |
| Sun-cured, type 37 | 12.000 | 13.396 | 11.384 | 7.378 | 15.368 | 3.356 | 2.337 | 1.320 | 2.000 | 2.000 |
| Cigar-filler, type 46 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| Cigar-filler & binder, types 42-44 | 101.400 | 105.400 | 107.400 | 108.400 | 110.100 | 112.000 | 116.900 | 121.200 | 123.800 | 125.000 |
| type 54 | 0.000 | 0.000 | 0.000 | 0.458 | 0.450 | 0.440 | 0.416 | 0.394 | 2.000 | 2.000 |
| type 55 | 0.000 | 0.000 | 0.000 | 13.958 | 0.450 | 0.440 | 0.416 | 0.394 | 6.000 | 15.000 |

** = Not applicable. 1 / From 1991 through 1998, marketing assessments totaling 1 percent of the applicable price support level are divided equally between buyers and sellers for all tobacco under the price support program. See April 1995 Tobacco Situation, TBS-230, table 20 for rates.

2/ Eastern district. 3/ Western district. 4/ Stemming district.

Compiled from records of the Tobacco and Peanuts Division, Farm Service Agency, USDA.

Table 16--U.S. tobacco allotments, by kinds of tobacco, 2000

| Kinds | Allotments | Acreage allotments | Poundage allotments | Average size of allotments |
|---|------------|--------------------|---------------------|----------------------------|
| | Number | Acres | Million pounds | Acres |
| Flue-cured (11-14) 1/ | 38,540 | -- | 560.8 | 14.55 3/ |
| Burley (31) 2/ | 234,918 | ** | 361.9 | 15.41 3/ |
| Va. fire-cured (21) | 1,322 | 1,437 | ** | 1.09 |
| Ky.-Tenn. fire-cured (22-23) | 11,100 | 17,182 | ** | 1.55 |
| Dark air-cured (35-36) | 13,624 | 5,819 | ** | 0.43 |
| Va. sun-cured (37) | 75 | 124 | ** | 1.65 |
| Cigar filler and binder (42-44, 53-55) | 3,628 | 1,753 | ** | 0.48 |
| Total | 303,207 | 26,315 | 922.7 | ** |

-- = Not available. ** = Not applicable.

1/ Acreage poundage with national average yield goal of 2,088 pounds per acre. 2/ Poundage quota. 3/ Pounds.

Compiled from records of the Tobacco and Peanuts Division, FSA, USDA.

Flue-Cured

Drought conditions were reported in Florida and most of the Georgia production area, with irrigation being used. This, along with some mosaic problems, may result in a short crop and a later maturing crop. South Carolina and most of North Carolina have experienced fairly good weather, though some dry pockets have been reported. Some blue mold occurred in North Carolina, mainly in greenhouses. Virginia reports adequate rainfall, but some problems with mosaic.

The Georgia-Florida markets opened August 1 (type 14), and South Carolina and North Carolina border markets opened on August 8 (type 14). Eastern North Carolina opened August 9 (type 12). The Old Belts (North Carolina and Virginia) opened on August 14 (type 11). Weekly sales were below sales opportunities (USDA-sanctioned schedules) during the first few weeks of sales.

Loan receipts so far this season are narrowly ahead of last season. Reduced global demand, unchanged quality, and lower domestic demand have resulted in loan takings at about the same proportion of sales as last season. As of September 12, loan receipts totaled 12.8 million pounds.

Through September 12, auction prices averaged \$1.776 per pound, 7.8 cents above the average for the same number of sales days last season (table 14). By September 12, 264.3 million pounds, about 47 percent of the total expected marketings, had been sold.

To receive price support in 2000, flue-cured tobacco growers must:

- Certify pesticide use and absence of nesting.
- Designate one or more warehouses within 100 miles of their county seat where they plan to sell their crop.
- Contribute to a no-net-cost account that totals 2.5 cents for the producer and 2.5 cents for the purchaser for each pound of 2000-crop flue-cured tobacco that is marketed.

Under quota legislation, growers receive price support on marketings up to 103 percent of their farm poundage quotas. However, marketings above the poundage quota are deducted from the following year's quotas. For marketings above 103 percent, growers must pay a penalty of 75 percent of the average market price for the preceding year.

Based on the September 1, USDA estimate, 2000 production will total about 597 million pounds. Growers carried over 43 million pounds of the 1999 crop, about the same amount as last season. The effective quota is 561 million pounds, so carryover into 2001 could be significant. Marketings are

expected to total about 570 million pounds. Since 1988, lease and transfer of flue-cured quotas has applied for disaster conditions only.

Disappearance Lower in 1999/2000

Flue-cured tobacco disappearance in 1999/2000 totaled 699 million pounds, about 135 million pounds lower than 1998/99. Both domestic use and exports slipped. Abundant world supplies helped dampen demand for U.S. tobacco, both in the United States and foreign markets. Flue-cured exports (including re-exports) reached 263.4 million pounds, farm-sales weight, 23 percent below last year.

For 2000/01, U.S. flue-cured leaf exports may rise because production in Zimbabwe is down and because of the possibility of shipments to China. However, exportable supplies from other countries may offset these gains slightly. Loan stocks in the United States will increase by about 100 million pounds.

Supplies Slip

Flue-cured supplies for 2000/01 are estimated about 5 percent below last season after slipping 9 percent the previous year. Harvested acreage fell 9 percent compared with 1999/2000, but yields are expected to be higher. Carryin from last year's crop will nearly offset lower production.

The domestic flue-cured carryover held by manufacturers and dealers on July 1, 2000, totaled 1.2 billion pounds, 4 percent lower than a year earlier. Flue-cured supply (indicated marketings plus carryover) was estimated at about 2.6 times the prospective use, above the traditional benchmark level. Marketings in the 2000 season are likely to be less than expected use, and stocks will likely fall.

After surging to 136 million pounds in 1999, it appears that loan takings this season could be as low as 30 million pounds. Through September 12, loan takings have accounted for 5 percent of net sales. Loan stocks were at high levels before the marketing season began. Lower loan takings this season should help alleviate the very high flue-cured stock levels.

Use of foreign-grown flue-cured leaf and stems advanced 6 percent in 1999/2000. Stocks of foreign-grown flue-cured were 14 percent lower on July 1, 2000, than a year earlier at 300 million pounds. Stocks declined because cigarette manufacturers continued using foreign leaf for cigarette production and reduced cigarette leaf imports.

Table 17--Flue-cured tobacco auction markets: Gross sales, average price, loan receipts, sales dates, through Sept. 12, 2000, (24 days) and a comparable number of sales days, 1999

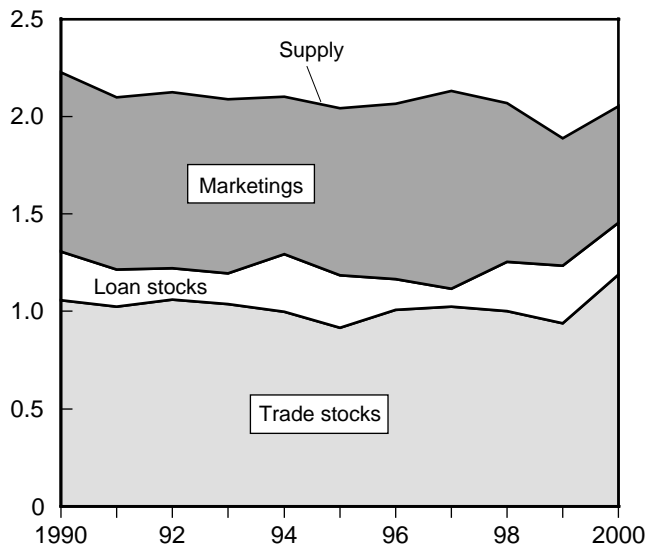
| Type, belt | Gross sales | | Average price per pound | | Loan receipts Volume | | Percent of sales 2/ | | Sales period | |
|------------------------------------|----------------|----------------|-------------------------|-----------------|----------------------|----------------|---------------------|---------|-----------------|--------------|
| | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | 1999 | 2000 | Opening date | Closing date |
| | Million pounds | Million pounds | Cents per pound | Cents per pound | Million pounds | Million pounds | Percent | Percent | 2000 (1999) | 2000 (1999) |
| 14, Ga.-Fla. | 41.9 | 45.3 | 162.3 | 166.9 | 3.6 | 4.6 | 8.6 | 10.1 | Aug 1 (July 27) | (Oct 21) |
| 13, S.C.-Border, N.C. | 53.8 | 65.5 | 160.7 | 169.3 | 12.5 | 4.3 | 23.2 | 6.6 | Aug 8 (Jul 28) | (Nov 1) |
| 12, Eastern N.C. | 101.9 | 110.8 | 164.5 | 172.6 | 11.7 | 3.0 | 11.5 | 2.7 | Aug 9 (Jul 29) | (Nov 8) |
| 11, Old and Middle Belts N.C., Va. | 74.8 | 68.6 | 169.1 | 180.9 | 6.7 | 0.9 | 9.0 | 1.3 | Aug 14 (Aug 4) | (Nov 16) |
| All Belts 1/ | 272.4 | 290.1 | 164.7 | 172.9 | 34.6 | 12.8 | 12.7 | 4.9 | (Aug 1) | (Nov 12) |

1/ Computed from unrounded data. 2/ Percent of gross sales.

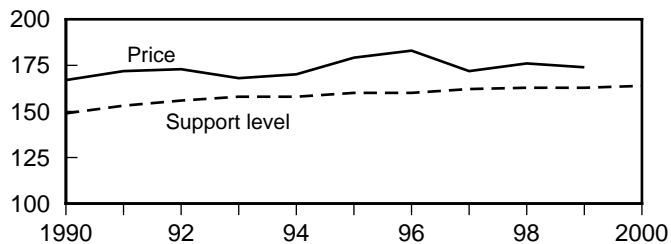
Compiled from reports of the Tobacco Division, Agricultural Marketing Service, USDA.

Figure 4
Flue-cured tobacco: Supply, price, and use

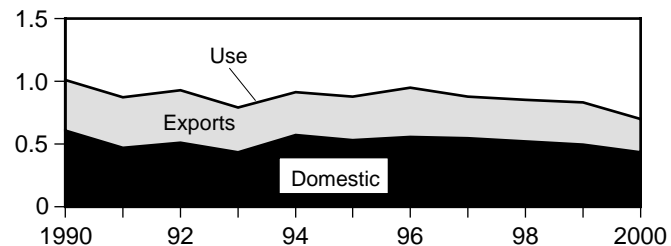
Billion lbs



Cents/lb



Billion lbs



Trade stocks include those of manufacturers and dealers. Crop year beginning July 1. 2000 preliminary.

Source: National Agricultural Statistics Service, USDA.

Table 18--Flue-cured and burley tobacco: Marketing quota and marketings, 1980-2000

| Year | Quota | | Marketings | | | Effective Under-quota 1/ | Net carryover 2/ |
|---|---------|-----------|------------|------------|-------------|--------------------------|------------------|
| | Basic | Effective | Actual | Over-quota | Under-quota | | |
| Million pounds Flue-cured, types 11-14 | | | | | | | |
| 1980 | 1,094.4 | 1,186.5 | 1,086.1 | 36.0 | 137.9 | 135.1 | 99.1 |
| 1981 | 1,012.9 | 1,111.4 | 1,144.3 | 64.9 | 31.3 | 29.2 | -35.6 |
| 1982 | 1,013.0 | 976.8 | 993.8 | 54.4 | 37.5 | 30.6 | -23.8 |
| 1983 | 910.5 | 886.7 | 854.8 | 31.2 | 67.1 | 65.6 | 34.4 |
| 1984 | 804.3 | 831.7 | 849.6 | 42.6 | 32.8 | 31.5 | -11.1 |
| 1985 | 775.0 | 758.0 | 789.4 | 51.1 | 24.8 | 16.4 | -34.7 |
| 1986 | 728.5 | 699.4 | 666.9 | 10.5 | 45.3 | 43.8 | 33.3 |
| 1987 | 707.0 | 740.0 | 683.2 | 9.3 | 68.8 | 65.6 | 56.3 |
| 1988 | 754.3 | 811.8 | 796.1 | 13.4 | 28.4 | 25.0 | 11.6 |
| 1989 | 890.5 | 903.6 | 838.1 | 12.7 | 68.5 | 67.3 | 54.6 |
| 1990 | 877.7 | 936.1 | 920.2 | 15.0 | 30.6 | 28.6 | 13.6 |
| 1991 | 877.6 | 891.5 | 882.5 | 15.3 | 24.3 | 23.3 | 8.0 |
| 1992 | 891.8 | 899.0 | 901.0 | 15.7 | 14.2 | 13.5 | -2.2 |
| 1993 | 892.0 | 889.6 | 891.7 | 16.2 | 13.1 | 12.5 | -3.7 |
| 1994 | 802.6 | 798.5 | 806.8 | 16.7 | 8.2 | 7.7 | -9.9 |
| 1995 | 934.6 | 924.9 | 854.2 | 9.7 | 80.1 | 79.5 | 69.8 |
| 1996 | 873.6 | 943.6 | 896.7 | 12.5 | 59.8 | 58.5 | 46.0 |
| 1997 | 973.8 | 1,019.8 | 1,013.5 | 13.0 | 17.4 | 16.8 | 3.8 |
| 1998 | 814.3 | 819.6 | 815.2 | 12.9 | 17.3 | 16.7 | 4.8 |
| 1999 3/ | 667.7 | 671.5 | 653.9 | 9.7 | 27.6 | 26.9 | 17.2 |
| 2000 4/ | 543.0 | 560.8 | | | | | |
| Burley, type 31 | | | | | | | |
| 1980 | 614.4 | 768.9 | 557.5 | 11.6 | 224.3 | 200.1 | 181.8 |
| 1981 | 660.1 | 841.9 | 725.6 | 25.2 | 143.0 | 129.4 | 104.1 |
| 1982 | 680.3 | 777.8 | 776.7 | 46.8 | 50.9 | 41.2 | -3.5 |
| 1983 | 646.6 | 641.0 | 526.7 | 13.7 | 132.4 | 127.6 | 113.9 |
| 1984 | 581.8 | 697.0 | 674.0 | 37.8 | 59.8 | 54.5 | 16.7 |
| 1985 | 524.4 | 541.7 | 541.9 | 37.2 | 36.4 | 31.9 | 5.3 |
| 1986 | 493.5 | 488.2 | 419.8 | 6.7 | 74.8 | 67.9 | 61.2 |
| 1987 | 463.9 | 524.8 | 427.5 | 5.2 | 101.6 | 91.2 | 86.0 |
| 1988 | 473.4 | 559.0 | 468.1 | 7.4 | 95.6 | 81.8 | 74.4 |
| 1989 | 586.9 | 660.7 | 498.3 | 6.1 | 165.2 | 146.4 | 140.3 |
| 1990 | 601.3 | 741.2 | 592.2 | 8.8 | 159.4 | 139.5 | 130.7 |
| 1991 | 724.1 | 846.1 | 657.0 | 7.6 | 197.3 | 175.4 | 167.8 |
| 1992 | 668.5 | 835.6 | 699.8 | 10.3 | 141.0 | 124.6 | 114.3 |
| 1993 | 601.9 | 717.9 | 626.6 | 9.8 | 93.1 | 83.3 | 73.4 |
| 1994 | 536.3 | 605.9 | 568.0 | 11.5 | 48.0 | 43.5 | 32.0 |
| 1995 | 546.5 | 577.9 | 480.4 | 5.9 | 100.3 | 93.9 | 88.0 |
| 1996 | 631.3 | 719.8 | 516.3 | 4.3 | 190.8 | 180.9 | 176.6 |
| 1997 | 704.5 | 879.8 | 628.8 | 5.3 | 253.5 | 236.3 | 231.0 |
| 1998 | 635.4 | 867.5 | 588.7 | 4.6 | 280.2 | 245.1 | 240.5 |
| 1999 3/ | 452.6 | 690.1 | 551.2 | 7.0 | 145.4 | 122.1 | 119.1 |
| 2000 4/ | 247.4 | 367.4 | | | | | |

1/ Under quota marketings less ineligible carryover. 2/ Effective under quota marketings less over quota marketings. 3/ Subject to revision. 4/ Preliminary.

Compiled from records of the Tobacco and Peanuts Division, FSA.

Table 19--Flue-cured tobacco, types 11-14, and burley tobacco, type 31: Acreage, yield, marketings, carryover, supply, disappearance, season average price, and price support operations, 1990-2000 (farm-sales weight)

| Marketing year 1/ | Acreage harvested 1,000 acres | Yield per acre Pounds | Marketings 2/ | Beginning stocks 1/ | | | Total supply | |
|-------------------------|----------------------------------|--------------------------|---------------|--------------------------|---------------------|-------------------|--------------|-------|
| | | | | Manufacturers and others | | Under loan | | Total |
| | | | | --- Million pounds --- | | | | |
| Flue-cured, types 11-14 | | | | | | | | |
| 1990 | 416.9 | 2,253 | 920.2 | 1,058.4 | 249.4 | 1,307.8 | 2,228.0 | |
| 1991 | 402.6 | 2,265 | 882.5 | 1,026.5 | 189.1 | 1,215.6 | 2,098.1 | |
| 1992 | 401.5 | 2,257 | 901.1 | 1,061.3 | 162.2 | 1,223.5 | 2,124.6 | |
| 1993 | 400.1 | 2,217 | 891.7 | 1,037.4 | 158.2 | 1,195.6 | 2,087.3 | |
| 1994 | 359.5 | 2,420 | 806.6 | 999.8 | 295.2 | 1,295.0 | 2,101.6 | |
| 1995 | 386.2 | 1,933 | 854.2 | 915.6 | 271.2 | 1,186.8 | 2,041.0 | |
| 1996 | 422.2 | 2,151 | 897.3 | 1,008.9 | 157.6 | 1,166.4 | 2,063.7 | |
| 1997 | 458.3 | 2,285 | 1,013.5 | 1,025.1 | 91.5 | 1,116.5 | 2,130.0 | |
| 1998 | 368.8 | 2,204 | 814.8 | 1,002.2 | 250.9 | 1,253.2 | 2,068.0 | |
| 1999 | 303.8 | 2,162 | 653.9 | 939.7 | 294.6 | 1,234.3 | 1,888.2 | |
| 2000 3/ | 253.9 | 2,352 | 597.1 | 1,189.5 | 263.9 | 1,189.5 | 1,786.5 | |
| Burley, type 31 | | | | | | | | |
| 1990 | 271.2 | 2,205 | 592.2 | 734.5 | 112.5 | 847.0 | 1,439.2 | |
| 1991 | 312.0 | 2,110 | 657.0 | 686.9 | 78.4 | 765.3 | 1,422.3 | |
| 1992 | 332.7 | 2,163 | 699.8 | 686.3 | 120.4 | 806.7 4/ | 1,506.5 4/ | |
| 1993 | 299.7 | 2,115 | 626.6 | 758.2 | 180.7 | 938.9 | 1,565.5 | |
| 1994 | 266.3 | 2,300 | 568.0 | 633.1 | 380.8 | 1,013.9 | 1,581.9 | |
| 1995 | 234.2 | 1,863 | 482.5 | 637.3 | 321.5 | 958.8 | 1,441.3 | |
| 1996 | 268.3 | 1,940 | 516.3 | 677.9 | 212.5 | 890.4 | 1,406.7 | |
| 1997 | 335.3 | 1,934 | 628.2 | 645.4 | 105.6 | 751.0 | 1,379.2 | |
| 1998 | 307.1 | 1,896 | 590.3 | 647.8 | 183.8 | 831.6 | 1,421.9 | |
| 1999 | 300.6 | 1,829 | 551.2 | 737.1 | 164.3 | 901.4 | 1,452.6 | |
| 2000 3/ | 201.0 | 2,048 | 411.7 | 605.7 | 420.7 | 1,026.4 | 1,438.1 | |
| Disappearance | | | | | | | | |
| Total | | Domestic | Exports | Average price per pound | Price support level | Placed under loan | | |
| | | --- Million pounds --- | | --- Cents --- | | Quantity | % of crop | |
| Flue-cured, types 11-14 | | | | | | | | |
| 1990 | 1,012.4 | 609.0 | 403.4 | 167.3 | 148.8 5/ | 74.1 | 8.1 | |
| 1991 | 874.6 | 471.2 | 403.4 | 172.3 | 152.8 | 49.6 | 5.6 | |
| 1992 | 929.1 | 508.7 | 420.4 | 172.6 | 156.0 | 81.3 | 9.0 | |
| 1993 | 792.3 | 433.4 | 358.9 | 168.1 | 157.7 | 204.8 | 23.0 | |
| 1994 | 914.8 | 569.3 | 345.5 | 169.8 | 158.3 | 97.7 | 12.1 | |
| 1995 | 875.1 | 530.6 | 344.5 | 179.0 | 159.7 | 12.0 | 1.3 | |
| 1996 | 946.6 | 555.4 | 391.2 | 183.4 | 160.1 | 1.8 | 0.2 | |
| 1997 | 876.8 | 542.5 | 334.3 | 172.0 | 162.1 | 195.5 | 19.4 | |
| 1998 | 833.7 | 492.1 | 341.6 | 175.5 | 162.8 | 82.4 | 10.2 | |
| 1999 | 698.7 6/ | 435.3 6/ | 263.4 6/ 7/ | 173.6 | 163.2 | 136.4 | 21.2 | |
| 2000 | | | | | 164.0 | | | |
| Burley, type 31 | | | | | | | | |
| 1990 | 673.9 | 474.9 | 199.0 | 175.3 | 155.8 5/ | 0.0 | 0.0 | |
| 1991 | 615.6 | 407.2 | 208.5 | 178.8 | 158.4 | 42.3 | 6.4 | |
| 1992 | 567.8 | 384.8 | 183.0 | 181.5 | 164.9 | 142.7 | 20.4 | |
| 1993 | 551.6 | 399.4 | 152.2 | 181.6 | 168.3 | 232.3 | 37.0 | |
| 1994 | 623.1 | 468.1 | 155.0 | 184.1 | 171.4 | 54.7 | 9.5 | |
| 1995 | 550.9 | 386.1 | 164.8 | 185.4 | 172.5 | 0.0 | 0.0 | |
| 1996 | 631.1 | 421.6 | 209.5 | 192.2 | 173.7 | 0.0 | 0.0 | |
| 1997 | 547.6 | 379.2 | 168.4 | 188.5 | 176.0 | 124.5 | 0.2 | |
| 1998 | 520.5 | 351.6 | 168.9 | 190.3 | 177.8 | 72.9 | 12.4 | |
| 1999 | 426.2 6/ | 286.2 6/ | 140.0 6/ 7/ | 189.8 | 178.9 | 230.6 | 42.0 | |
| 2000 | | | | | 182.4 | | | |

1/ July 1 for flue-cured; October 1 for burley. 2/ Actual marketings in the marketing year. 3/ September 1 estimate.

4/ The factor used to convert stemmed stocks to farm-sales weight has been changed from 1.55 to 1.6 based on processing yields from 1989 to 1992. 5/ Excludes Gramm-Rudman-Hollings adjustment. 6/ Estimated. 7/ Includes re-exports.

Source: Agricultural Marketing Service, National Agricultural Statistics Service, and Farm Service Agency, USDA.

Burley

Total burley tobacco use is likely to fall in 1999/2000. In the marketing year ending September 30, 2000, about 65 percent of the crop will be used for domestic cigarette production, 30 percent exported, and the remainder used for other products, primarily smoking tobacco.

Disappearance Falls

For 1999 (October 1999-September 2000), U.S. burley disappearance is expected to slide from 520 million pounds used in 1998/99 by about 18 percent to about 426 million pounds, the same rate as the previous year (table 16). Lower cigarette output and reduced leaf exports contributed to the decrease in use. Carryover of U.S.-grown burley is expected to rise about 8 percent because marketings will exceed use.

For the first 9 months of 1999/2000, burley exports totaled 118.9 million pounds, farm-sales weight, about 30 percent below a year earlier. For the 1999/2000 marketing year, exports should reach about 140 million pounds, short of last year's record 169 million pounds.

Production Down for 2000/01

The September 1 forecast of the 2000 U.S. burley crop is 411.7 million pounds, about 30 percent below last year. Conditions have been favorable going into the curing season. Yields for the 2000 crop are expected to increase from last season.

Marketings in 2000/01 are forecast at about 300 million pounds compared with 551 million pounds last year. The effective quota of 361.9 million pounds will likely be under-marketed by less than one-fourth, compared with 20 percent under last season. Since 1985, marketings have consistently fallen short of the effective quota, especially in Tennessee.

Table 20--Burley marketing quota, Kentucky, Tennessee, and other States, 1998-2000

| State | Carryover (net) | Basic quota | Effective quota |
|----------------|-----------------|-------------|-----------------|
| Million pounds | | | |
| 1998 | | | |
| Kentucky | 102.4 | 434.3 | 536.7 |
| Tennessee | 77.0 | 110.8 | 187.8 |
| Other States | 52.7 | 90.3 | 143.0 |
| 1999 | | | |
| Kentucky | 105.6 | 308.9 | 414.5 |
| Tennessee | 61.5 | 95.7 | 157.2 |
| Other States | 72.4 | 46.0 | 118.4 |
| 2000 | | | |
| Kentucky | 39.3 | 163.6 | 208.7 |
| Tennessee | 44.6 | 41.5 | 87.1 |
| Other States | 31.0 | 21.9 | 66.1 |

Compiled from records and reports of Tobacco and Peanuts Division, FSA, USDA.

Beginning in 1991, the quota law was changed to permit greater use of burley quota, including belt-wide sales of burley quotas within counties, and lease and transfer of quotas across county lines in Tennessee. Projected marketings,

Table 21--Sales of burley tobacco quotas, 1994/95-1998/99 1/

| State & year | Sales (basic quota) |
|------------------|---------------------|
| Indiana: | |
| 1994/95 | 250 |
| 1995/96 | 397 |
| 1996/97 | 275 |
| 1997/98 | 155 |
| 1998/99 | 149 |
| Kentucky: | |
| 1994/95 | 3,671 |
| 1995/96 | 5,295 |
| 1996/97 | 3,905 |
| 1997/98 | 3,676 |
| 1998/99 | 3,645 |
| North Carolina: | |
| 1994/95 | 179 |
| 1995/96 | 181 |
| 1996/97 | 183 |
| 1997/98 | 94 |
| 1998/99 | 90 |
| Ohio: | |
| 1994/95 | 271 |
| 1995/96 | 318 |
| 1996/97 | 233 |
| 1997/98 | 198 |
| 1998/99 | 183 |
| Tennessee: | |
| 1994/95 | 1,058 |
| 1995/96 | 1,293 |
| 1996/97 | 1,110 |
| 1997/98 | 782 |
| 1998/99 | 766 |
| Virginia: | |
| 1994/95 | 205 |
| 1995/96 | 220 |
| 1996/97 | 152 |
| 1997/98 | 156 |
| 1998/99 | 156 |
| Other States 2/: | |
| 1994/95 | 156 |
| 1995/96 | 133 |
| 1996/97 | 149 |
| 1997/98 | 70 |
| 1998/99 | 70 |
| All States: | |
| 1994/95 | 5,790 |
| 1995/96 | 7,837 |
| 1996/97 | 6,007 |
| 1997/98 | 5,131 |
| 1998/99 | 5,059 |

1/ Year ending June 15. 2/ Primarily West Virginia and Missouri.

Compiled from records and reports of the Tobacco and Peanuts Division, Farm Service Agency, USDA.

combined with lower carryover, are likely to reduce supplies 1 percent. This is about 3.4 times the expected disappearance, more than last year's 2.7 times and higher than usual.

U.S. burley auction sales usually begin in late November. The 1999 crop sold for an average of \$1.898 per pound, 0.5 cent below the previous marketing year's \$1.903. In 2000, price supports will average \$1.805 per pound for all burley grades, a loss of 1.6 cents per pound. The no-net-cost fee is 3 cents per pound each for growers and purchasers. The budget deficit assessment was implemented for the 1991 through 1998 crops only and no longer applies.

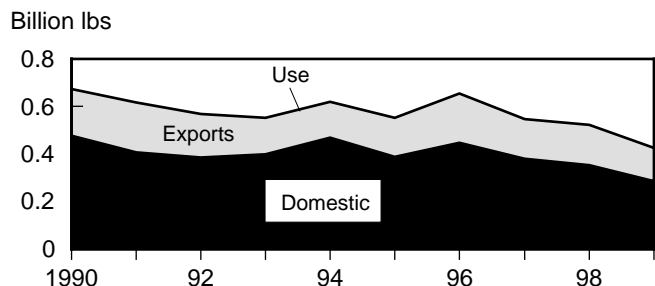
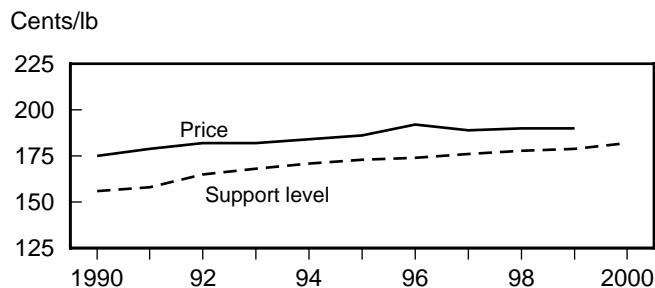
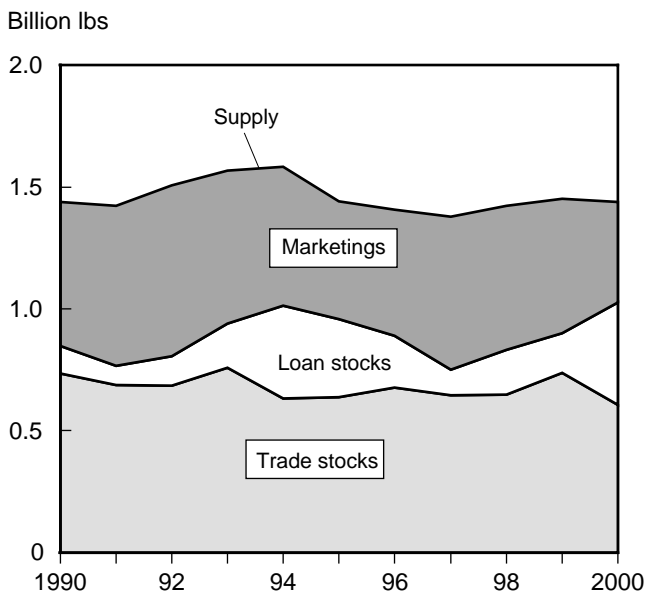
Table 22--Burley tobacco: Percentage of selected groups, quality, and color categories of total, 1990-99

| Crop year | Mixed group | 1,2,3, quality | Tan color |
|-----------|-------------|----------------|-----------|
| | Percent | | |
| 1990 | 28.8 | 41.8 | 52.8 |
| 1991 | 30.6 | 41.2 | 54.9 |
| 1992 | 2.4 | 36.3 | 48.7 |
| 1993 | 1.5 | 35.8 | 61.6 |
| 1994 | 1.4 | 42.7 | 62.4 |
| 1995 | 3.7 | 26.2 | 65.5 |
| 1996 | 19.8 | 21.0 | 69.9 |
| 1997 | 6.2 | 22.8 | 70.5 |
| 1998 | 0.7 | 23.7 | 74.6 |
| 1999 | 0.7 | 16.3 | 73.5 |

Compiled from reports of the Tobacco Division, AMS, USDA.

Figure 5

Burley tobacco: Supply, price, and use



Trade stocks include those of manufacturers and dealers. Crop year beginning October 1. 2000 preliminary. Source: National Agricultural Statistics Service, USDA.

Southern Maryland

Southern Maryland tobacco (type 32), a light air-cured tobacco, goes almost entirely into cigarette production. About half of the crop was exported in 1999. Traditionally, Switzerland is the primary buyer of Maryland type leaf.

Disappearance Slides

Maryland tobacco disappearance totaled 13.5 million pounds during October 1999-June 2000, 1.8 million pounds below a year earlier. Total use in 1999/2000 is expected to be 14.4 million pounds, down from 1998/99, with about half exported. Prices of 1999 Maryland tobacco gained 5.4 cents per pound. By January 1, 2001, carryover may rise compared with last year's 16.0 million pounds.

Exports of Maryland tobacco slipped 36 percent to 6.2 million pounds during the first 9 months of the marketing year.

Production Up Slightly in 2000

The 2000 crop of Maryland tobacco is estimated at 14.6 million pounds, 1 percent higher than 1999 due to higher yields. Production is expected to increase in both Maryland and Pennsylvania, with the greater percentage gain in Maryland.

The 1981 farm act prohibits growing and marketing Maryland tobacco in quota areas. However, quotas are not applicable to Pennsylvania seedleaf tobacco, so with seedleaf's usually lower prices, some growers have changed to Maryland production. About 36 percent of total Maryland production will be grown in Pennsylvania in 2000. For the past 3 years, many growers of Maryland tobacco in Pennsylvania had difficulties selling their crop.

On January 1, 2001, Maryland growers will vote in a referendum to approve or disapprove quotas for the 2001, 2002, and 2003 crops.

Table 23--Southern Maryland tobacco, type 32: Acreage, yield, production, carryover, supply, disappearance, season average price, 1990-2000 (farm-sales weight)

| Marketing year 1/ | Acreage harvested 1,000 acres | Yield per acre Pounds | Supply | | | Disappearance | | | Avg. grower price per pound Cents |
|-------------------|----------------------------------|--------------------------|------------|-------------------------|---------------------------------|---------------|----------|---------|--------------------------------------|
| | | | Production | Stocks following Jan. 1 | Total --- Million pounds --- | Total | Domestic | Exports | |
| 1990 | 10.7 | 1,525 | 16.3 | 19.3 2/ | 35.6 | 23.5 | 16.8 | 6.7 | 181.1 |
| 1991 | 12.4 | 1,607 | 19.9 | 12.5 2/ | 32.4 | 21.4 | 16.4 | 5.0 | 160.2 |
| 1992 | 13.5 | 1,390 | 18.8 | 9.4 2/ | 28.2 | 21.5 | 13.9 | 7.6 | 147.0 |
| 1993 | 12.7 | 1,526 | 18.3 | 7.5 2/ | 26.9 | 17.3 | 11.8 | 5.5 | 143.0 |
| 1994 | 12.1 | 1,634 | 19.8 | 8.4 2/ | 28.2 | 17.7 | 12.7 | 5.0 | 148.1 |
| 1995 | 12.0 | 1,518 | 18.2 | 11.1 2/ | 29.6 | 14.6 | 8.1 | 6.6 | 157.3 |
| 1996 | 11.4 | 1,451 | 16.5 | 15.0 2/ | 11.2 | 11.2 | 11.2 | 11.2 | 185.6 |
| 1997 | 11.2 | 1,629 | 18.2 | 18.7 2/ | 36.9 | 13.7 | 7.2 | 6.5 | 157.6 |
| 1998 | 9.8 | 1,568 | 15.4 | 20.6 2/ | 37.9 | 21.9 | 15.7 | 6.2 | 129.1 |
| 1999 | 9.5 | 1,511 | 14.4 | 16.0 2/ | 30.4 | 14.4 | 8.1 | 6.3 | 134.5 |
| 2000 3/ | 8.7 | 1,674 | 14.6 | 18.0 | 32.6 | | | | |

1/ Year beginning October 1. 2/ Adjusted to reflect calendar 1987-1999 sales of tobacco produced in Pennsylvania. 3/ September 1 estimate.

Source: Agricultural Marketing Service, National Agricultural Statistics Service, and Farm Service Agency, USDA.

Fire-Cured

Fire-cured tobacco is mainly used in making snuff and plug and twist chewing tobacco. About half the crop is usually exported. During the last four seasons, production and use have rebounded. Prices for fire-cured (types 21-23) increased 5.6 cents per pound in 1999.

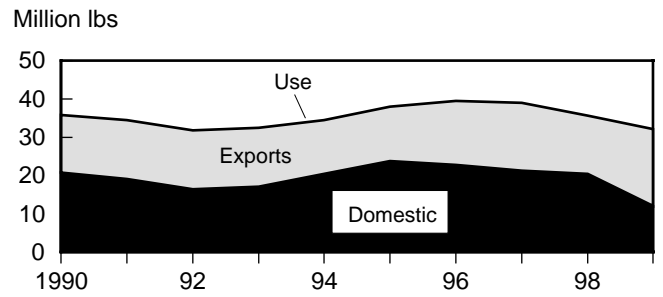
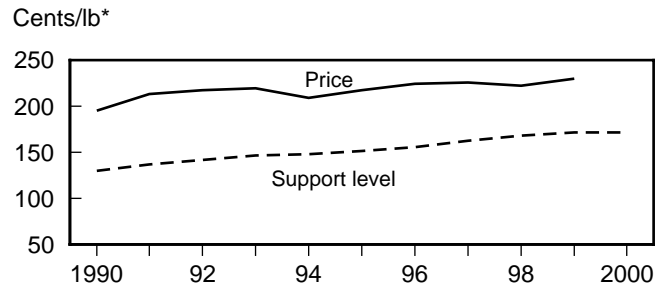
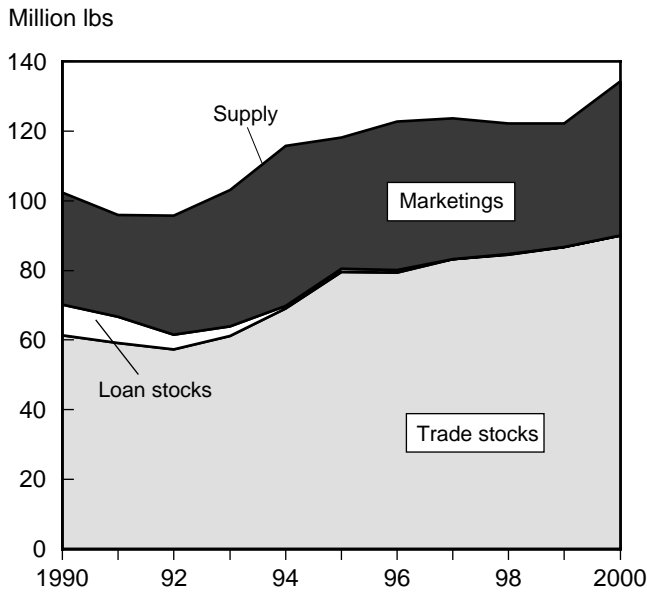
Disappearance Falls

Disappearance of Kentucky-Tennessee fire-cured (types 22-23), during the first 9 months of the 1999/2000 marketing year (beginning October 1, 1999) was 11 percent below the same period last year, at 25 million pounds. Reduced domestic use caused the decline. Exports of Kentucky-Tennessee fire-cured advanced 27 percent during the first half of calendar 2000. Disappearance during the last 3

months of the marketing year is expected to quicken, bringing total disappearance of types 22-23 for the entire marketing year (October 1999-September 2000) to an estimated 32 million pounds. Carryover is expected to increase about 2 million pounds. In 2000, Kentucky-Tennessee fire-cured production is expected to increase nearly 10 million pounds. Disappearance of Virginia fire-cured (type 21) is projected to decline in 1999/2000 partly because of sliding exports. Sales of Virginia fire-cured (type 21) in 2000 are expected to fall by under 500,000 pounds.

Kentucky-Tennessee tobacco (types 22-23) exports reached 13.9 million pounds (farm-sales weight) during the first 9 months of the 1999/2000 marketing year, higher than last season's total shipments.

Figure 6
Fire-cured tobacco: Supply, price, and use



Trade stocks include those of manufacturers and dealers. Crop year beginning October 1. 2000 preliminary. *Types 22-23 only. Source: National Agricultural Statistics Service, USDA.

Table 24--Fire-cured tobacco, Kentucky-Tennessee, types 22-23, and Virginia fire-cured, type 21: Acreage, yield, production, carryover, supply, disappearance, season average price, and price support operations, 1990-2000 (farm-sales weight)

| Marketing year 1/ | Acreage harvested 1,000 acres | Yield per acre Pounds | Production | Beginning stocks | | | | |
|--|----------------------------------|--------------------------|------------|--------------------------|---------|-------------------|-----------|--------------|
| | | | | Manufacturers and others | | Under loan | Total | Total supply |
| | | | | --- Million pounds --- | | | | |
| Kentucky-Tennessee fire-cured, types 22-23 | | | | | | | | |
| 1990 | 13.3 | 2,415 | 32.2 | 61.3 | 8.9 | 70.2 | 102.4 | |
| 1991 | 13.5 | 2,169 | 29.3 | 59.2 | 7.5 | 66.7 | 96.0 | |
| 1992 | 14.3 | 2,400 | 34.2 | 57.4 | 4.2 | 61.6 | 95.8 | |
| 1993 | 15.5 | 2,527 | 39.0 | 61.1 | 2.9 | 64.0 | 103.0 | |
| 1994 | 16.7 | 2,564 | 45.9 | 69.1 | 0.8 | 69.7 | 115.6 | |
| 1995 | 15.8 | 2,386 | 37.7 | 79.5 | 1.0 | 80.5 | 118.2 | |
| 1996 | 15.5 | 2,745 | 42.5 | 79.3 | 0.9 | 80.2 | 122.7 | |
| 1997 | 15.4 | 2,625 | 40.3 | 83.2 | 0.1 | 83.3 | 123.6 | |
| 1998 | 15.3 | 2,444 | 37.5 | 84.6 | 0.2 | 84.8 | 122.3 | |
| 1999 | 15.0 | 2,365 | 35.4 | 86.7 | 0.0 | 86.7 | 122.1 | |
| 2000 2/ | 16.3 | 2,513 | 44.4 | 90.0 | 0.0 | 90.0 | 134.4 | |
| Virginia fire-cured, type 21 | | | | | | | | |
| 1990 | 2.1 | 1,315 | 2.8 | 4.1 | 1.3 | 5.4 | 8.2 | |
| 1991 | 2.5 | 1,425 | 3.6 | 3.5 | 1.1 | 4.6 | 8.2 | |
| 1992 | 1.7 | 1,510 | 2.6 | 3.6 | 0.9 | 4.5 | 7.1 | |
| 1993 | 1.2 | 1,560 | 1.9 | 3.6 | 0.8 | 4.4 | 6.3 | |
| 1994 | 1.4 | 1,780 | 2.4 | 2.4 | 0.8 | 3.2 | 5.6 | |
| 1995 | 1.1 | 1,400 | 1.5 | 2.6 | 0.9 | 3.5 | 5.3 | |
| 1996 | 1.1 | 1,580 | 1.7 | 3.4 | 0.1 | 3.5 | 5.5 | |
| 1997 | 1.2 | 1,640 | 2.0 | 2.3 | 0.1 | 2.4 | 4.3 | |
| 1998 | 1.5 | 1,560 | 2.3 | 2.4 | 0.0 | 2.4 | 4.7 | |
| 1999 | 1.6 | 1,670 | 2.7 | 2.6 | 0.0 | 2.7 | 5.3 | |
| 2000 2/ | 1.3 | 1,700 | 2.2 | 3.1 | 0.4 | 3.5 | 5.8 | |
| Disappearance | | | | | | | | |
| | | Disappearance | | Price per | Support | Placed under loan | | |
| | | Total | Domestic | Exports | Exports | Quantity | % of crop | |
| | | --- Million pounds --- | | --- Cents --- | | Million pounds | Percent | |
| Kentucky-Tennessee fire-cured, types 22-23 | | | | | | | | |
| 1990 | 35.7 | 20.7 | 15.0 | 195.2 | 129.7 | 0.4 | 1.1 | |
| 1991 | 34.4 | 19.0 | 15.4 | 213.4 | 136.7 | * 3/ | 0.1 | |
| 1992 | 31.8 | 16.4 | 15.4 | 217.3 | 142.1 | * 4/ | 0.1 | |
| 1993 | 33.4 | 17.0 | 15.5 | 219.4 | 146.4 | 0.1 | 0.1 | |
| 1994 | 35.1 | 20.4 | 13.9 | 209.2 | 148.3 | 1.1 | 2.7 | |
| 1995 | 37.9 | 23.8 | 14.1 | 217.2 | 151.8 | 0.7 | 4.9 | |
| 1996 | 39.4 | 22.7 | 16.7 | 224.5 | 155.7 | 0.7 | 3.5 | |
| 1997 | 38.9 | 21.2 | 17.7 | 225.6 | 162.3 | 0.4 | 4.5 | |
| 1998 | 35.5 | 20.4 | 15.2 | 222.5 | 168.1 | 0.2 | 0.0 | |
| 1999 | 32.1 8/ | 12.1 8/ | 20.0 8/ | 229.8 | 171.6 | 7/ | 0.7 | |
| 2000 | | | | | 171.6 | | | |
| Virginia fire-cured, type 21 | | | | | | | | |
| 1990 | 3.5 | 0.7 | 2.9 | 160.2 | 126.2 | * 5/ | 0.2 | |
| 1991 | 3.7 | 0.7 | 3.0 | 152.6 | 133.2 | 0.5 | 14.6 | |
| 1992 | 2.7 | 1.8 | 0.9 | 161.5 | 136.7 | 0.4 | 14.9 | |
| 1993 | 3.0 | 0.7 | 2.3 | 171.9 | 139.5 | * 6/ | 0.6 | |
| 1994 | 2.1 | 0.7 | 1.4 | 161.2 | 140.7 | 0.5 | 22.3 | |
| 1995 | 1.6 | 0.8 | 0.8 | 164.0 | 143.0 | 0.8 | 4.5 | |
| 1996 | 3.2 | 0.7 | 2.5 | 179.0 | 145.5 | 0.3 | 1.5 | |
| 1997 | 2.0 | 1.3 | 0.7 | 212.5 | 149.8 | 0.0 | 0.0 | |
| 1998 | 2.0 | 0.1 | 2.0 | 193.6 | 153.6 | 0.2 | 0.8 | |
| 1999 | 1.8 8/ | 0.3 8/ | 1.5 8/ | 181.9 | 155.9 | 0.4 | 16.5 | |
| 2000 | | | | | 155.9 | | | |

* = Negligible.

1/ Marketing year beginning October 1. 2/ September 1 estimate. 3/ About 38,000 pounds. 4/ About 32,200 pounds. 5/ About 7,000 pounds.

6/ About 12,000 pounds. 7/ About 28,400 pounds. 8/ Estimate.

Source: Agricultural Marketing Service, National Agricultural Statistics Service, and Farm Service Agency, USDA.

Dark Air-Cured

Dark air-cured (types 35-37) is used in plug and twist chewing tobacco, snuff, and to some extent, smoking tobacco. Production and use have declined by more than half over the last two decades. Exports usually account for 10 to 20 percent of total use.

Disappearance Gains

Disappearance of dark air-cured (types 35-36) tobacco totaled 7.9 million pounds during October-June, 33 percent higher than 1998/99. Advances in domestic use more than offset declines in exports, which were virtually nil.

By the end of the 1999/2000 marketing season, total disappearance of types 35-36 is expected to increase, perhaps

reaching nearly 11 million pounds. The resulting carryover to 2000/01 is expected to be about 25.5 million pounds—1.5 million pounds more than the previous year. Disappearance of sun-cured tobacco (type 37) is higher than last year at 134,000 pounds. Both exports and domestic use advanced.

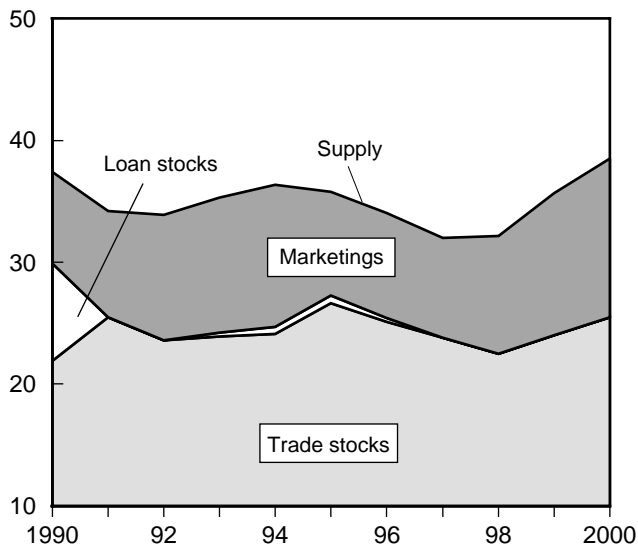
Production Gains

The September 1 estimate of dark air-cured (types 35-37) tobacco production is 13.2 million pounds, 12 percent above last season. In 2000, higher carryover combined with production gains will boost supplies by nearly 3 million pounds.

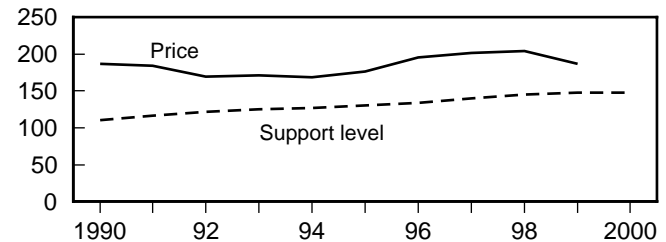
Figure 7

Dark air-cured tobacco: Supply, price, and use

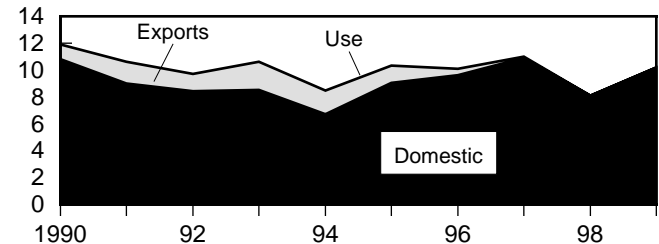
Million lbs



Cents/lb*



Million lbs



Trade stocks include those of manufacturers and dealers. Crop year beginning October 1. 2000 preliminary. *Types 35-36 only. Source: National Agricultural Statistics Service, USDA.

Table 25--Dark air-cured tobacco, types 35-36, and sun-cured tobacco, type 37: Acreage, yield, production, carryover, supply, disappearance, season average price, and price support operations, 1990-2000 (farm-sales weight)

| Marketing year 1/ | Acreage harvested 1,000 acres | Yield per acre Pounds | Production | Beginning stocks | | | | |
|-----------------------------|----------------------------------|--------------------------|------------|--------------------------|--------------------|-------------------|----------|--------------|
| | | | | Manufacturers and others | | Under loan | Total | Total supply |
| | | | | --- Million pounds --- | | | | |
| Dark air-cured, types 35-36 | | | | | | | | |
| 1990 | 3.4 | 2,219 | 7.5 | 21.9 | 8.0 | 29.9 | 37.4 | |
| 1991 | 4.3 | 2,029 | 8.7 | 25.5 | 0.0 | 25.5 | 34.2 | |
| 1992 | 4.6 | 2,222 | 10.3 | 23.6 | 0.0 | 23.6 | 33.9 | |
| 1993 | 4.8 | 2,322 | 11.1 | 23.9 | 0.3 | 24.2 | 35.3 | |
| 1994 | 4.6 | 2,527 | 11.7 | 24.1 | 0.6 | 24.7 | 36.4 | |
| 1995 | 4.1 | 2,084 | 8.5 | 26.6 | 0.7 | 27.3 | 35.8 | |
| 1996 | 3.8 | 2,262 | 8.6 | 25.1 | 0.3 | 25.4 | 34.0 | |
| 1997 | 3.6 | 2,258 | 8.2 | 23.8 | 0.0 | 23.8 | 32.0 | |
| 1998 | 4.3 | 2,229 | 9.7 | 22.5 | 0.0 | 22.5 | 32.1 | |
| 1999 | 5.0 | 2,328 | 11.6 | 24.0 | 0.0 | 24.0 | 35.7 | |
| 2000 2/ | 5.4 | 2,431 | 13.0 | 25.5 | 0.0 | 25.5 | 38.5 | |
| Sun-cured, type 37 | | | | | | | | |
| 1990 | 0.1 | 1,275 | 0.1 | 0.5 | 0.1 | 0.6 | 0.7 | |
| 1991 | 0.1 | 1,560 | 0.2 | 0.5 | 0.1 | 0.6 | 0.8 | |
| 1992 | 0.1 | 1,240 | 0.1 | 0.3 | 0.1 | 0.4 | 0.5 | |
| 1993 | 0.1 | 1,040 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | |
| 1994 | 0.1 | 1,770 | 0.1 | * | 0.1 | 0.1 | 0.2 | |
| 1995 | 0.1 | 1,125 | 0.1 | * | 0.1 | 0.1 | 0.2 | |
| 1996 | 0.1 | 1,600 | 0.1 | * | * | * | 0.1 | |
| 1997 | 0.1 | 1,490 | 0.1 | * | * | * | 0.1 | |
| 1998 | 0.1 | 1,220 | 0.1 | 0.0 | * | 0.0 | 0.2 | |
| 1999 | 0.1 | 1,550 | 0.2 | 0.1 | * | 0.1 | 0.2 | |
| 2000 2/ | 0.1 | 1,700 | 0.2 | 0.1 | * | 0.1 | 0.3 | |
| | | Disappearance | | Avg. price per pound | Avg. support level | Placed under loan | | |
| | | Total | Domestic | | | Exports | Quantity | % of crop |
| | | --- Million pounds --- | | --- Cents --- | | Million pounds | Percent | |
| Dark air-cured, types 35-36 | | | | | | | | |
| 1990 | 11.9 | 10.8 | 1.1 | 186.3 | 110.7 | * 3/ | 0.2 | |
| 1991 | 10.6 | 9.0 | 1.6 | 184.0 | 116.9 | 0.1 | 0.8 | |
| 1992 | 9.7 | 8.4 | 1.3 | 169.7 | 121.7 | 0.5 | 4.8 | |
| 1993 | 10.6 | 8.5 | 2.1 | 171.5 | 125.5 | 0.7 | 7.2 | |
| 1994 | 9.1 | 6.7 | 1.8 | 168.5 | 127.3 | 0.6 | 5.7 | |
| 1995 | 10.3 | 9.0 | 1.3 | 176.2 | 130.4 | 0.1 | 1.7 | |
| 1996 | 10.1 | 9.6 | 0.5 | 195.2 | 133.9 | 0.2 | 0.5 | |
| 1997 | 11.0 | 10.9 | 0.1 | 201.7 | 139.8 | 0.0 | 0.0 | |
| 1998 | 8.1 5/ | 8.1 5/ | 0.0 5/ | 203.9 | 145.0 | 0.1 | 0.0 | |
| 1999 | 10.2 | 10.2 | 0.0 | 187.0 | 148.1 | 48.4 | 0.8 | |
| 2000 | | | | | 148.1 | | | |
| Sun-cured, type 37 | | | | | | | | |
| 1990 | 0.1 | * | 0.1 | 145.6 | 111.5 | 0.0 4/ | 0.0 | |
| 1991 | 0.4 | 0.3 | 0.1 | 143.4 | 117.7 | 17.0 4/ | 10.9 | |
| 1992 | 0.3 | 0.2 | 0.1 | 138.0 | 120.8 | 19.0 4/ | 15.3 | |
| 1993 | 0.2 | 0.1 | 0.1 | 152.1 | 123.3 | 0.0 4/ | 0.0 | |
| 1994 | 0.1 | * | 0.1 | 147.6 | 124.5 | 27.0 4/ | 24.1 | |
| 1995 | 0.1 | * | 0.1 | 174.5 | 126.5 | 0.0 | 0.0 | |
| 1996 | 0.1 | * | 0.1 | 197.9 | 128.8 | 0.0 | 0.0 | |
| 1997 | 0.1 | 0.0 | 0.1 | 190.8 | 132.6 | 0.0 | 0.0 | |
| 1998 | 0.1 | 0.1 | 0.0 | 170.9 | 136.0 | 0.1 | 2.2 | |
| 1999 | 0.1 5/ | 0.1 5/ | 0.1 5/ | 159.0 | 138.0 | 0.1 | 1.5 | |
| 2000 | | | | | 138.0 | | | |

* = Negligible.

1/ Marketing year beginning October 1. 2/ September 1 estimate. 3/ About 17,000 pounds. 4/ Quantity placed under loan in thousands of pounds.

5/ Estimate.

Source: Agricultural Marketing Service, National Agricultural Statistics Service, and Farm Service Agency, USDA.

Cigar Tobacco

Cigar leaf (types 41-61) is classified according to its traditional use: filler, binder, and wrapper. Most cigar wrapper is exported for use in cigars, but loose leaf chewing tobacco takes most of the filler and binder. Exports of filler and binder are negligible.

Cigar Leaf Production Plummet

Total U.S. cigar leaf production slid dramatically in 2000/01, reaching 9.8 million pounds, according to September 1 estimates. Acreage dropped 4 percent with little change in yields. During January-June 2000, imports of cigar leaf, especially filler, and cigar scrap both rose. Total cigar tobacco imports advanced 4 percent. About 22.4 million pounds were used domestically for cigar and loose leaf chewing tobacco production. For 1998/99, imports accounted for about 82 percent of total domestic use, about the same as last year.

Filler Disappearance Drops

For the first 9 months of 1999/2000 (October-June), disappearance of U.S. cigar filler tobacco (type 41) totaled 7.5 million pounds, 18 percent below the previous year. After gaining in 1998/99, disappearance is only expected to reach 9.1 million pounds for the entire 1999/2000 marketing year (October-September), a drop of 1.9 million pounds.

1999 Binder Disappearance Advances

Cigar binder disappearance (Wisconsin and Connecticut) is expected to gain 20 percent as stocks are reduced. Much lower production, especially in Wisconsin, is likely to result in smaller 2001 carryin. For Wisconsin binder tobacco (types 54-55), loose leaf chewing is the major outlet. Output of loose leaf chewing, the major use for binder tobacco, is expected to fall at a slower rate in 2000. Lower use in 1999 will result in larger beginning supplies in 2001 despite lower production.

According to September 1 estimates, production of Connecticut Valley binder (type 51) will fall 3.4 million pounds to only 778,000 pounds in 2000/01. Acreage is a third of the previous season and yields, decimated by blue mold, are almost half the previous year. Disappearance is expected to increase again in 1999/2000. Plummeting production and higher use in 1999/2000 will result in very low supplies for 2000.

Wrapper Disappearance Up

For the June 1999-July 2000 marketing year, shade-grown cigar wrapper (type 61) disappearance increased again, reaching 3.6 million pounds, compared with 2.4 million pounds in 1998. Production in 1999 was the highest in over 10 years. Much of the shade-grown cigar wrapper is shipped

overseas for processing, either to foreign buyers or to subsidiaries of U.S. firms in the Dominican Republic. Disappearance in 1999 is expected to continue the upward trend due to strong demand for premium cigars. Both domestic use and exports are expected to gain.

Imported Cigar Tobacco Use Advances

During July 1999-June 2000, manufacturers used 103.2 million pounds of imported cigar tobacco, compared with 87.0 million pounds during the same period the previous year. U.S. stocks of foreign-grown cigar leaf totaled 106.8 million pounds on July 1, 2000, about 5.0 million pounds less than July 1999.

Cigar Leaf Supplies To Plummet in 2000

Greatly reduced production of U.S.-grown cigar tobacco will reduce supply by 40 percent for 2000. Filler supplies are down, with production dropping 10 percent, and binder production falling 59 percent, or 4.1 million pounds to push binder supplies down 18 percent. Wrapper supplies slid as both production and beginning stocks fell. Production fell by nearly half and beginning stocks were only 777,000 pounds. As of July 1, 2000, only 1.5 million pounds of Wisconsin binder were held by cooperatives.

Filler: As of September 1, the 2000/01 Pennsylvania filler crop was indicated at 5.0 million pounds, about 10 percent less than 1999. The new crop, plus estimated carryover, will provide a supply that is about 3.9 million pounds below last season. Production of Ohio filler has ceased because of high no-net-cost assessments. Puerto Rican filler is no longer included in the program, as production has ended.

Binder: Cigar binder acreage declined slightly by 1 percent in 2001, but production is expected to fall 60 percent due to lower yields. As of September 1, production was estimated at 2.9 million pounds. Supplies during 2000/01 will fall 18 percent or by 4.5 million pounds, as lower production offsets slightly lower beginning stocks.

Wisconsin binder production is expected to fall by 25 percent to 2.1 million pounds, less than half 1998 production levels, in 2000/01. Both acreage and yields slipped. Disappearance in 1999 is expected to fall. Reduced production will result in lower carryin for 2000. Supplies are expected to decline again in 2000/01.

Wrapper: Acreage of Connecticut Valley wrapper is expected to be up in 2000, with production estimated at 1.8 million pounds, half the previous year's due to lower acreage and blue mold damage. Supply will likely fall by nearly half in 2001 due to lower production and increased disappearance in 1999/2000.

Table 26--Cigar tobacco, types 41-61: Domestic supplies, disappearance, and season average price, 1990-2000 (farm-sales weight)

| Crop year 1/ | Acreage harvested | Yield per acre | Supply | | | Disappearance | | | Avg. price per pound to growers |
|---|-------------------|----------------|----------------|---------------------|--------------|---------------|----------|---------|---------------------------------|
| | | | Production | Beginning stocks 1/ | Total supply | Total | Domestic | Exports | |
| | 1,000 acres | Pounds | Million pounds | | | | | | Cents |
| Pennsylvania seedleaf filler (type 41) | | | | | | | | | |
| 1990 | 6.4 | 2,050 | 13.1 | 22.9 | 36.0 | 13.0 | 13.0 | * | 139.0 |
| 1991 | 6.7 | 2,050 | 13.7 | 23.0 | 36.7 | 12.1 | 12.1 | * | 143.0 |
| 1992 | 7.0 | 2,000 | 14.0 | 24.6 | 38.6 | 13.1 | 13.1 | * | 115.0 |
| 1993 | 5.8 | 2,100 | 12.2 | 25.5 | 37.7 | 13.7 | 13.7 | * | 95.0 |
| 1994 | 5.4 | 2,100 | 11.3 | 24.0 | 35.3 | 14.9 | 14.8 | * | 100.0 |
| 1995 | 4.5 | 2,050 | 9.2 | 20.5 | 29.7 | 11.8 | 11.4 | * | 145.0 |
| 1996 | 4.8 | 2,140 | 10.3 | 17.9 | 27.3 | 15.0 | 14.1 | * | 155.0 |
| 1997 | 4.9 | 2,200 | 10.8 | 13.2 | 22.9 | 11.0 | 11.0 | * | 160.0 |
| 1998 | 4.5 | 2,100 | 9.5 | 13.0 | 22.1 | 10.7 | 10.5 | * | 130.0 |
| 1999 | 3.2 | 1,850 | 5.9 | 11.4 | 17.3 | 8.9 | 10.5 | * | 130.0 |
| 2000 2/ | 2.4 | 2,100 | 5.0 | 8.4 | 13.4 | | | | |
| Ohio, Miami Valley filler (types 42-44) | | | | | | | | | |
| 1990 | * | ** | * | 0.7 | 0.7 | 0.7 | 0.7 | * | ** |
| 1991 5/ | * | ** | * | * | * | * | * | * | ** |
| Puerto Rico filler (type 46) | | | | | | | | | |
| 1990 | * | ** | * | 3.3 | 3.3 | 0.7 | 0.7 | * | ** |
| 1991 | * | ** | * | 2.6 | 2.6 | 0.5 | 0.5 | * | ** |
| 1992 | * | ** | * | 2.1 | 2.1 | 0.9 | 0.9 | * | ** |
| 1993 | * | ** | * | 1.2 | 1.2 | 1.1 | 1.1 | * | ** |
| 1994 | * | ** | * | 0.1 | 0.1 | 0.1 | 0.1 | * | ** |
| 1995 5/ | * | ** | * | * | * | * | * | * | ** |
| Total cigar filler (types 41-46) | | | | | | | | | |
| 1990 | 6.4 | 2,050 | 13.1 | 26.9 | 40.0 | 14.3 | 14.3 | * | 139.0 |
| 1991 | 6.7 | 2,050 | 13.7 | 25.6 | 39.3 | 12.6 | 12.6 | * | 143.0 |
| 1992 | 7.0 | 2,000 | 14.0 | 26.7 | 40.7 | 14.0 | 14.0 | * | 115.0 |
| 1993 | 5.8 | 2,100 | 12.2 | 26.7 | 38.9 | 14.8 | 14.8 | * | 95.0 |
| 1994 | 5.4 | 2,100 | 11.3 | 24.1 | 35.4 | 15.0 | 14.9 | * | 100.0 |
| 1995 | 4.5 | 2,050 | 9.2 | 20.5 | 29.7 | 11.8 | 11.4 | * | 145.0 |
| 1996 | 4.8 | 2,140 | 10.3 | 17.9 | 27.3 | 15.0 | 14.1 | * | 155.0 |
| 1997 | 4.9 | 2,200 | 10.8 | 13.2 | 22.9 | 11.0 | 11.0 | * | 160.0 |
| 1998 | 4.5 | 2,100 | 9.5 | 13.0 | 22.1 | 10.5 | 10.5 | * | 130.0 |
| 1999 | 3.2 | 1,850 | 5.9 | 11.4 | 17.3 | 10.5 | 10.5 | * | 130.0 |
| 2000 2/ | 2.4 | 2,100 | 5.0 | 8.4 | 13.4 | | | | |
| Connecticut Valley binder (types 51-52) | | | | | | | | | |
| 1990 | 0.7 | 1,758 | 1.2 | 3.9 | 5.1 | 2.6 | 2.6 | * | 250.0 |
| 1991 | 0.8 | 1,791 | 1.4 | 2.5 | 3.9 | 2.2 | 2.2 | * | 260.0 |
| 1992 | 0.8 | 1,810 | 1.5 | 1.6 | 3.1 | 1.2 | 1.2 | * | 280.0 |
| 1993 | 0.9 | 1,914 | 1.7 | 1.9 | 3.6 | 2.0 | 2.0 | * | 300.0 |
| 1994 | 1.0 | 1,893 | 1.8 | 1.6 | 3.4 | 2.0 | 2.0 | * | 306.0 |
| 1995 | 1.2 | 1,969 | 2.4 | 1.4 | 3.8 | 2.2 | 1.8 | * | 389.0 |
| 1996 | 1.6 | 1,780 | 2.9 | 1.6 | 4.5 | 3.3 | 3.3 | * | 628.0 |
| 1997 | 2.0 | 1,783 | 3.6 | 1.2 | 4.8 | 2.7 | 2.7 | * | 741.4 |
| 1998 | 2.4 | 1,539 | 3.6 | 2.1 | 5.7 | 2.2 | 1.4 | 0.8 | 549.9 |
| 1999 | 2.4 | 1,806 | 4.4 | 3.5 | 7.9 | 4.0 | 3.4 | 0.6 | 473.7 |
| 2000 2/ | 0.8 | 973 | 0.8 | 2.7 | 3.4 | | | | |
| Southern Wisconsin binder (type 54) | | | | | | | | | |
| 1990 | 4.1 | 2,275 | 9.3 | 4/ | -- | -- | -- | -- | 150.0 |
| 1991 | 4.1 | 2,390 | 9.8 | 4/ | -- | -- | -- | -- | 155.0 |
| 1992 | 4.0 | 2,115 | 8.5 | 4/ | -- | -- | -- | -- | 153.0 |
| 1993 | 2.8 | 1,675 | 4.7 | 4/ | -- | -- | -- | -- | 145.0 |
| 1994 | 1.9 | 2,200 | 4.2 | 4/ | -- | -- | -- | -- | 145.0 |
| 1995 | 1.9 | 2,370 | 4.5 | 4/ | -- | -- | -- | -- | 145.0 |
| 1996 | 1.9 | 1,900 | 3.6 | 4/ | -- | -- | -- | -- | 148.0 |
| 1997 | 1.8 | 2,330 | 4.2 | 4/ | -- | -- | -- | -- | 150.0 |
| 1998 | 1.5 | 2,180 | 3.2 | 4/ | -- | -- | -- | -- | 149.0 |
| 1999 | 0.9 | 2,530 | 2.3 | 4/ | -- | -- | -- | -- | 149.0 |
| 2000 2/ | 0.8 | 2,200 | 1.7 | 4/ | | | | | |

See footnotes at end of table.

Continued--

Table 26--Cigar tobacco, types 41-61: Domestic supplies, disappearance, and season average price, 1990-2000 (farm-sales weight)--continued

| Crop year 1/ | Acreage harvested | Yield per acre | Supply | | | Disappearance | | | Avg. price per pound to growers |
|--|-------------------|----------------|----------------|---------------------|--------------|---------------|----------|---------|---------------------------------|
| | | | Production | Beginning stocks 1/ | Total supply | Total | Domestic | Exports | |
| | 1,000 acres | Pounds | Million pounds | | | | | | Cents |
| Northern Wisconsin binder (type 55) | | | | | | | | | |
| 1990 | 2.8 | 1,435 | 4.0 | 4/ | -- | -- | -- | -- | 150.0 |
| 1991 | 3.2 | 1,685 | 5.4 | 4/ | -- | -- | -- | -- | 155.0 |
| 1992 | 3.2 | 1,450 | 4.6 | 4/ | -- | -- | -- | -- | 141.0 |
| 1993 | 1.8 | 1,085 | 2.0 | 4/ | -- | -- | -- | -- | 139.0 |
| 1994 | 1.0 | 1,775 | 1.7 | 4/ | -- | -- | -- | -- | 145.0 |
| 1995 | 0.9 | 1,985 | 1.7 | 4/ | -- | -- | -- | -- | 145.0 |
| 1996 | 1.0 | 1,535 | 1.5 | 4/ | -- | -- | -- | -- | 150.0 |
| 1997 | 0.8 | 1,995 | 1.5 | 4/ | -- | -- | -- | -- | 152.0 |
| 1998 | 0.6 | 1,745 | 1.1 | 4/ | -- | -- | -- | -- | 149.0 |
| 1999 | 0.3 | 1,952 | 0.6 | 4/ | -- | -- | -- | -- | 149.0 |
| 2000 2/ | 0.3 | 1,800 | 0.5 | 4/ | | | | | |
| Total Wisconsin binder (types 54-55) | | | | | | | | | |
| 1990 | 6.9 | 1,934 | 13.3 | 27.1 | 40.4 | 14.3 | 14.3 | * | 150.0 |
| 1991 | 7.3 | 2,081 | 15.2 | 26.1 | 41.3 | 12.8 | 12.8 | * | 155.0 |
| 1992 | 7.2 | 1,819 | 13.1 | 28.5 | 41.6 | 10.8 | 10.8 | * | 148.7 |
| 1993 | 4.6 | 1,444 | 6.6 | 30.8 | 37.4 | 9.5 | 9.5 | * | 143.2 |
| 1994 | 2.9 | 2,058 | 5.9 | 27.9 | 33.8 | 9.3 | 9.3 | * | 145.0 |
| 1995 | 2.8 | 2,254 | 6.2 | 24.6 | 30.8 | 9.0 | 9.1 | * | 145.0 |
| 1996 | 2.9 | 1,774 | 5.1 | 21.7 | 26.9 | 9.1 | 8.9 | 0.2 | 148.6 |
| 1997 | 2.6 | 2,235 | 5.7 | 17.8 | 23.5 | 7.3 | 6.9 | 0.4 | 150.5 |
| 1998 | 2.1 | 2,000 | 4.2 | 16.2 | 20.4 | 6.1 | 5.0 | 1.1 | 148.7 |
| 1999 | 1.2 | 2,388 | 2.8 | 14.3 | 17.1 | 4.5 | 4.5 | * | 149.7 |
| 2000 2/ | 1.0 | 2,100 | 2.1 | 12.7 | 16.8 | | | | |
| Total Cigar binder (types 51-55) | | | | | | | | | |
| 1990 | 7.6 | 1,919 | 14.5 | 31.0 | 45.5 | 16.9 | 16.9 | * | 158.0 |
| 1991 | 8.1 | 2,052 | 16.6 | 28.6 | 45.3 | 14.2 | 14.2 | * | 164.1 |
| 1992 | 8.0 | 1,818 | 14.6 | 30.1 | 44.7 | 12.0 | 12.0 | * | 162.1 |
| 1993 | 5.5 | 1,520 | 8.3 | 32.7 | 41.0 | 11.4 | 11.4 | * | 175.1 |
| 1994 | 3.9 | 1,952 | 7.6 | 29.6 | 37.3 | 11.4 | 11.3 | * | 181.1 |
| 1995 | 4.0 | 2,161 | 8.6 | 25.9 | 34.6 | 11.3 | 11.3 | * | 213.7 |
| 1996 | 4.5 | 2,161 | 8.0 | 23.3 | 31.4 | 12.4 | 12.2 | * | 321.4 |
| 1997 | 4.6 | 4,018 | 9.3 | 19.0 | 28.3 | 10.0 | 9.6 | 0.4 | 375.4 |
| 1998 | 4.5 | 3,539 | 7.8 | 18.3 | 26.1 | 8.3 | 6.4 | 1.9 | 334.7 |
| 1999 | 3.6 | 4,194 | 7.2 | 17.8 | 25.0 | 8.5 | 7.9 | * | 342.7 |
| 2000 2/ | 1.8 | 3,073 | 2.9 | 15.3 | 20.3 | | | | |
| Connecticut Valley shade-grown (type 61) | | | | | | | | | |
| 1990 | 1.6 | 1,627 | 2.7 | 2.1 | 4.8 | 2.8 | 0.2 | 2.6 | 2,100.0 |
| 1991 | 1.5 | 1,537 | 2.2 | 2.0 | 4.2 | 3.0 | 0.3 | 2.7 | 1,800.0 |
| 1992 | 1.0 | 1,484 | 1.5 | 1.2 | 2.7 | 1.2 | 0.2 | 1.0 | 1,700.0 |
| 1993 | 1.1 | 1,460 | 1.6 | 1.5 | 3.1 | 1.1 | 0.2 | 1.0 | 1,700.0 |
| 1994 | 1.2 | 1,400 | 1.7 | 2.0 | 3.7 | 2.0 | 0.2 | 1.3 | 1,780.0 |
| 1995 | 1.3 | 1,582 | 2.0 | 2.1 | 4.1 | 2.2 | 0.4 | 1.4 | 3/ |
| 1996 | 1.4 | 1,473 | 2.1 | 2.3 | 4.4 | 2.4 | 0.2 | 2.2 | 3/ |
| 1997 | 1.7 | 1,431 | 2.4 | 2.0 | 4.4 | 2.3 | 0.5 | 1.8 | 3/ |
| 1998 | 1.7 | 1,413 | 2.4 | 2.0 | 4.5 | 2.4 | 0.4 | 2.0 | 3/ |
| 1999 | 1.9 | 1,951 | 3.6 | 1.3 | 4.9 | 3.4 | 1.5 | 1.9 | 3/ |
| 2000 2/ | 1.4 | 1,363 | 1.8 | 0.8 | 2.6 | | | | |
| Grand total cigar tobacco (types 41-61) | | | | | | | | | |
| 1990 | 15.6 | 1,942 | 30.3 | 60.0 | 90.3 | 34.1 | 31.5 | 2.6 | 319.9 |
| 1991 | 16.3 | 2,005 | 32.6 | 56.2 | 88.8 | 30.8 | 28.1 | 2.7 | 267.0 |
| 1992 | 16.0 | 1,876 | 30.1 | 58.0 | 88.1 | 27.2 | 26.2 | 1.0 | 217.6 |
| 1993 | 12.4 | 1,787 | 22.1 | 55.6 | 82.9 | 27.3 | 26.4 | 1.0 | 239.8 |
| 1994 | 10.4 | 1,989 | 20.7 | 55.6 | 76.3 | 27.8 | 26.4 | 1.3 | 265.7 |
| 1995 | 10.1 | 2,085 | 21.0 | 48.5 | 68.3 | 24.9 | 23.1 | 1.4 | 178.3 4/ |
| 1996 | 10.7 | 1,905 | 20.4 | 43.5 | 63.1 | 29.8 | 26.5 | 2.2 | 231.6 4/ |
| 1997 | 11.2 | 2,015 | 22.5 | 34.2 | 55.5 | 23.3 | 21.1 | 1.8 | 232.0 4/ |
| 1998 | 10.7 | 1,846 | 19.7 | 33.3 | 52.7 | 21.3 | 17.4 | 3.9 | 222.9 4/ |
| 1999 | 8.7 | 1,933 | 16.7 | 30.4 | 47.2 | 22.4 | 19.9 | 2.5 | 245.1 4/ |
| 2000 2/ | 5.6 | 1,758 | 9.8 | 24.5 | 36.3 | | | | |

* = Negligible. ** = Not applicable. -- = Not available. 1/ October 1 for types 41-55; July 1 for type 61. 2/ September 1 estimate. 3/ Growers of type 61 no longer provide price information. 4/ Does not include type 61. 5/ Subsequent years negligible.

Source: Agricultural Marketing Service, National Agricultural Statistics Service, and Farm Service Agency, USDA.

Table 27--Cigarettes: Estimated world output and exports, specified countries, annual 1990-99 1/

| Country | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | % change |
|-------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| | | | | | | | | | | | 1997-98 |
| Billions | | | | | | | | | | | Percent |
| Production: | | | | | | | | | | | |
| China | 1,645.0 | 1,599.7 | 1,644.0 | 1,675.0 | 1,710.0 | 1,735.0 | 1,700.3 | 1,683.6 | 1,674.7 | 1,674.7 | 0 |
| United States | 709.7 | 694.5 | 718.5 | 661.0 | 725.6 | 746.5 | 758.0 | 719.6 | 679.7 | 606.7 | -11 |
| United Kingdom | 126.0 | 127.2 | 126.5 | 116.8 | 114.9 | 156.0 | 170.3 | 170.2 | 163.5 | 155.0 | -5 |
| Germany | 204.7 | 221.1 | 222.4 | 207.7 | 221.1 | 221.0 | 193.3 | 182.0 | 181.9 | 204.8 | 13 |
| France | 55.5 | 50.3 | 53.3 | 47.9 | 48.2 | 46.4 | 46.4 | 45.0 | 43.3 | 42.4 | -2 |
| Italy | 61.7 | 57.6 | 53.7 | 54.9 | 55.1 | 50.2 | 51.5 | 51.9 | 50.7 | 45.1 | -11 |
| Other EU | 251.0 | 263.5 | 263.0 | 250.3 | 283.9 | 286.6 | 296.2 | 310.3 | 315.6 | 315.3 | 0 |
| Total European Union 2/ | 698.9 | 719.7 | 718.9 | 677.6 | 723.2 | 760.2 | 757.7 | 759.4 | 755.0 | 762.6 | 1 |
| USSR 3/ | 299.5 | 286.8 | 271.7 | 280.6 | 271.8 | 333.5 | 356.2 | 390.5 | 394.0 | 423.5 | 7 |
| Japan | 270.1 | 285.4 | 296.6 | 289.3 | 268.9 | 262.8 | 271.0 | 254.6 | 267.1 | 263.1 | -1 |
| Brazil | 174.0 | 176.4 | 153.7 | 149.1 | 163.9 | 173.7 | 182.3 | 182.8 | 170.0 | 108.0 | -36 |
| Other | 922.4 | 868.9 | 840.2 | 889.0 | 890.4 | 807.1 | 897.7 | 900.7 | 910.8 | 936.9 | 3 |
| Total | 5,418.5 | 5,351.1 | 5,362.5 | 5,299.2 | 5,477.0 | 5,579.0 | 5,680.9 | 5,650.6 | 5,606.3 | 5,538.1 | -1 |
| Exports: | | | | | | | | | | | |
| United States | 164.3 | 179.4 | 205.6 | 195.5 | 220.2 | 231.1 | 243.9 | 217.0 | 201.3 | 151.4 | -25 |
| Bulgaria | 61.2 | 60.6 | 39.1 | 22.6 | 40.1 | 60.9 | 40.1 | 25.7 | 15.4 | 20.0 | 30 |
| United Kingdom | 41.4 | 46.1 | 55.5 | 48.5 | 310.4 | 84.8 | 136.7 | 108.1 | 125.5 | 115.4 | -8 |
| Switzerland | 15.4 | 16.9 | 18.2 | 17.8 | 24.1 | 26.6 | 27.1 | 23.3 | 23.4 | 23.4 | 0 |
| Germany | 54.3 | 86.9 | 77.6 | 71.0 | 83.5 | 85.0 | 81.6 | 69.7 | 69.4 | 85.2 | 23 |
| Netherlands | 69.3 | 76.5 | 74.1 | 73.1 | 79.9 | 82.2 | 116.0 | 118.0 | 103.7 | 105.1 | 1 |
| Belgium-Luxembourg | 13.4 | 12.5 | 14.2 | 3.2 | 11.3 | 11.6 | 14.9 | 14.1 | 14.0 | 14.0 | 0 |
| Hong Kong | 65.7 | 58.3 | 90.4 | 77.9 | 82.3 | 74.3 | 79.6 | 45.9 | 35.2 | 25.3 | -28 |
| Singapore | 29.5 | 32.4 | 36.4 | 53.8 | 54.4 | 50.2 | 59.3 | 70.1 | 53.3 | 58.7 | 10 |
| Other | 109.1 | 142.6 | 193.3 | 216.7 | 249.6 | 275.3 | 295.1 | 290.6 | 293.1 | 350.7 | 20 |
| Total | 623.6 | 712.2 | 804.4 | 780.1 | 1,155.8 | 982.0 | 1,094.3 | 982.5 | 934.3 | 949.2 | 2 |

1/ Estimates included in absence of reasonable data. 1997 preliminary. 2/ Excludes Austria, Sweden, and Finland--new members effective January 1, 1995.

3/ Former Soviet Union. Includes Papyrosa.

Compiled from USDA, FAS, Foreign Agriculture Circular, FT 8-00, August 2000.

Table 28--Estimated leaf used for cigarettes by kinds of tobacco, 1960-64 thru 1980-84, 1985-99

| Calendar year | Farm-sales weight | | | | Unstemmed-processing weight | | | | | |
|---------------|----------------------|--------|----------|----------------|-----------------------------|--------|----------|----------|-------|--|
| | Flue-cured | Burley | Maryland | Total domestic | Flue-cured | Burley | Maryland | Imported | Total | |
| | Million pounds | | | | | | | | | |
| 1960-64 | 742 | 455 | 16 | 1,213 | 661 | 404 | 16 | 123 | 1,204 | |
| 1965-69 | 666 | 477 | 21 | 1,164 | 594 | 426 | 21 | 150 | 1,191 | |
| 1970-74 | 623 | 459 | 19 | 1,101 | 556 | 410 | 19 | 186 | 1,171 | |
| 1975-79 | 594 | 464 | 21 | 1,079 | 529 | 414 | 21 | 268 | 1,232 | |
| 1980-84 | 480 | 424 | 25 | 930 | 428 | 379 | 25 | 374 | 1,207 | |
| 1985 | 455 | 374 | 28 | 862 | 406 | 334 | 28 | 396 | 1,164 | |
| 1986 | 426 | 365 | 26 | 817 | 380 | 326 | 26 | 418 | 1,150 | |
| 1987 | 446 | 368 | 24 | 838 | 398 | 329 | 24 | 435 | 1,186 | |
| 1988 | 474 | 406 | 24 | 904 | 423 | 363 | 24 | 392 | 1,202 | |
| 1989 | 481 | 362 | 22 | 865 | 430 | 324 | 22 | 368 | 1,144 | |
| 1990 | 532 | 397 | 21 | 950 | 475 | 354 | 21 | 378 | 1,228 | |
| 1991 | 484 | 408 | 16 | 908 | 432 | 364 | 16 | 422 | 1,234 | |
| 1992 | 463 | 348 | 16 | 827 | 413 | 310 | 16 | 520 | 1,259 | |
| 1993 | 416 | 331 | 13 | 760 | 371 | 296 | 13 | 549 | 1,229 | |
| 1994 | 434 | 353 | 12 | 799 | 391 | 317 | 12 | 447 | 1,218 | |
| 1995 | 475 | 368 | 12 | 855 | 427 | 331 | 12 | 467 | 1,237 | |
| 1996 | 464 | 314 | 12 | 790 | 418 | 282 | 12 | 556 | 1,268 | |
| 1997 | 452 | 317 | 13 | 783 | 407 | 286 | 12 | 515 | 1,219 | |
| 1998 1/ | 403 | 268 | 7 | 677 | 362 | 241 | 6 | 477 | 1,087 | |
| 1999 1/ | 343 | 226 | 6 | 575 | 309 | 203 | 5 | 487 | 1,005 | |
| | Pounds | | | | | | | | | |
| 1960-64 | 1.396 | 0.854 | 0.030 | 2.280 | 1.242 | 0.761 | 0.030 | 0.231 | 2.264 | |
| 1965-69 | 1.174 | 0.840 | 0.037 | 2.051 | 1.048 | 0.751 | 0.036 | 0.264 | 2.098 | |
| 1970-74 | 1.026 | 0.755 | 0.031 | 1.812 | 0.916 | 0.674 | 0.031 | 0.305 | 1.926 | |
| 1975-79 | 0.871 | 0.680 | 0.031 | 1.582 | 0.777 | 0.607 | 0.030 | 0.392 | 1.806 | |
| 1980-84 | 0.689 | 0.609 | 0.036 | 1.334 | 0.615 | 0.544 | 0.036 | 0.539 | 1.734 | |
| 1985 | 0.684 | 0.562 | 0.042 | 1.288 | 0.610 | 0.502 | 0.042 | 0.595 | 1.750 | |
| 1986 | 0.647 | 0.555 | 0.040 | 1.242 | 0.578 | 0.495 | 0.040 | 0.635 | 1.748 | |
| 1987 | 0.647 | 0.534 | 0.035 | 1.216 | 0.578 | 0.477 | 0.035 | 0.631 | 1.720 | |
| 1988 | 0.683 | 0.585 | 0.035 | 1.303 | 0.608 | 0.522 | 0.035 | 0.564 | 1.729 | |
| 1989 | 0.710 | 0.535 | 0.032 | 1.272 | 0.635 | 0.478 | 0.032 | 0.543 | 1.689 | |
| 1990 | 0.750 | 0.559 | 0.030 | 1.339 | 0.670 | 0.499 | 0.030 | 0.533 | 1.732 | |
| 1991 | 0.697 | 0.587 | 0.023 | 1.306 | 0.622 | 0.522 | 0.023 | 0.608 | 1.777 | |
| 1992 | 0.641 | 0.484 | 0.022 | 1.147 | 0.575 | 0.431 | 0.022 | 0.723 | 1.751 | |
| 1993 | 0.629 | 0.501 | 0.020 | 1.150 | 0.561 | 0.448 | 0.020 | 0.831 | 1.859 | |
| 1994 | 0.670 | 0.502 | 0.017 | 1.188 | 0.598 | 0.448 | 0.017 | 0.616 | 1.679 | |
| 1995 | 0.636 | 0.493 | 0.016 | 1.145 | 0.572 | 0.444 | 0.016 | 0.626 | 1.658 | |
| 1996 | 0.615 | 0.416 | 0.016 | 1.047 | 0.554 | 0.374 | 0.016 | 0.737 | 1.681 | |
| 1997 | 0.628 | 0.441 | 0.018 | 1.087 | 0.566 | 0.397 | 0.016 | 0.715 | 1.694 | |
| 1998 1/ | 0.583 | 0.389 | 0.010 | 0.982 | 0.525 | 0.350 | 0.009 | 0.691 | 1.575 | |
| 1999 1/ | 0.565 | 0.372 | 0.010 | 0.948 | 0.509 | 0.335 | 0.009 | 0.803 | 1.657 | |
| | Percent distribution | | | | | | | | | |
| | Percent | | | | | | | | | |
| 1960-64 | 61.2 | 37.5 | 1.3 | 100.0 | 54.9 | 33.6 | 1.3 | 10.2 | 100.0 | |
| 1965-69 | 57.2 | 41.0 | 1.8 | 100.0 | 49.9 | 35.8 | 1.8 | 12.6 | 100.0 | |
| 1970-74 | 56.6 | 41.7 | 1.7 | 100.0 | 47.6 | 35.0 | 1.6 | 15.8 | 100.0 | |
| 1975-79 | 55.0 | 43.0 | 2.0 | 100.0 | 43.0 | 33.6 | 1.7 | 21.7 | 100.0 | |
| 1980-84 | 52.0 | 46.0 | 3.0 | 100.0 | 35.0 | 31.0 | 2.0 | 31.0 | 100.0 | |
| 1985 | 52.8 | 44.0 | 3.2 | 100.0 | 34.8 | 28.9 | 2.4 | 33.9 | 100.0 | |
| 1986 | 52.1 | 44.7 | 3.2 | 100.0 | 33.0 | 28.3 | 2.3 | 36.4 | 100.0 | |
| 1987 | 53.2 | 43.9 | 2.9 | 100.0 | 33.6 | 27.7 | 2.0 | 36.7 | 100.0 | |
| 1988 | 52.4 | 44.9 | 2.7 | 100.0 | 35.2 | 30.2 | 2.0 | 32.6 | 100.0 | |
| 1989 | 55.8 | 41.7 | 2.5 | 100.0 | 37.7 | 28.2 | 1.9 | 32.2 | 100.0 | |
| 1990 | 56.0 | 41.7 | 2.2 | 100.0 | 38.7 | 28.8 | 1.7 | 30.8 | 100.0 | |
| 1991 | 53.3 | 44.9 | 1.8 | 100.0 | 35.0 | 29.4 | 1.4 | 34.2 | 100.0 | |
| 1992 | 55.9 | 42.2 | 1.9 | 100.0 | 32.8 | 24.6 | 1.2 | 41.3 | 100.0 | |
| 1993 | 54.7 | 43.6 | 1.7 | 100.0 | 30.2 | 24.1 | 1.0 | 44.7 | 100.0 | |
| 1994 | 56.4 | 42.2 | 1.4 | 100.0 | 35.6 | 26.7 | 1.0 | 36.7 | 100.0 | |
| 1995 | 55.5 | 43.1 | 1.4 | 100.0 | 34.5 | 26.8 | 1.0 | 37.7 | 100.0 | |
| 1996 | 58.8 | 39.7 | 1.5 | 100.0 | 32.9 | 22.3 | 0.9 | 43.9 | 100.0 | |
| 1997 | 57.8 | 40.5 | 1.7 | 100.0 | 33.4 | 23.4 | 1.0 | 42.2 | 100.0 | |
| 1998 | 59.4 | 39.6 | 1.0 | 100.0 | 33.3 | 22.2 | 0.6 | 43.9 | 100.0 | |
| 1999 1/ | 59.6 | 39.3 | 1.1 | 100.0 | 30.7 | 20.2 | 0.5 | 48.5 | 100.0 | |

1/ Subject to revision.

Sources: Agricultural Marketing Service; National Agricultural Statistics Service; Farm Service Agency, Foreign Agricultural Service, USDA.

Table 29--Expenditures for tobacco products and disposable personal income, 1990-99 1/

| Year | Total | Cigarettes | Cigars 2/ | Other 3/ | Disposable personal income | Percent of disposable personal income spent on tobacco products | | | |
|---------|--------|-------------------------|--------------|-------------|----------------------------------|--|------------|-----------|----------|
| | | | | | | All | Cigarettes | Cigars 2/ | Other 3/ |
| | | --- Million dollars --- | | | Billion dollars | --- Percent --- | | | |
| 1990 | 41,920 | 39,500 | 695 | 1,725 | 4,051 | 1.04 | 0.98 | 0.02 | 0.04 |
| 1991 | 45,305 | 42,850 | 705 | 1,840 | 4,231 | 1.08 | 1.02 | 0.02 | 0.04 |
| 1992 | 48,470 | 45,790 | 715 | 1,965 | 4,500 | 1.08 | 1.02 | 0.02 | 0.04 |
| 1993 | 48,955 | 46,150 | 730 | 2,075 | 4,789 | 1.04 | 0.98 | 0.02 | 0.04 |
| 1994 | 47,297 | 44,544 | 766 | 1,987 | 5,022 | 0.96 | 0.90 | 0.02 | 0.04 |
| 1995 | 48,692 | 45,793 | 846 | 2,053 | 5,356 | 0.91 | 0.86 | 0.02 | 0.04 |
| 1996 | 50,223 | 47,233 | 872 | 2,118 | 5,535 | 0.91 | 0.85 | 0.02 | 0.04 |
| 1997 | 52,569 | 49,437 | 915 | 2,217 | 5,795 | 0.91 | 0.85 | 0.02 | 0.04 |
| 1998 4/ | 59,268 | 55,735 | 1,033 | 2,500 | 6,125 | 0.97 | 0.91 | 0.02 | 0.04 |
| 1999 5/ | 71,800 | 68,302 | 1,134 | 2,727 | 6,639 | 1.08 | 1.03 | 0.02 | 0.04 |

1/ Expenditures exclude sales tax. 2/ Includes small cigars (cigarette-size). 3/ Smoking tobacco, chewing tobacco, and snuff. 4/ Subject to revision. 5/ Estimated.
Compiled from reports of Department of Commerce, Bureau of Economic Analysis.

Table 30--Governmental revenues from tobacco products, 1990/91-1999/2000 1/

| Year | Excise taxes | | | Total excise taxes | State sales tax |
|-----------------|--------------|-------|-------|-----------------------|--------------------|
| | Federal | State | Local | | |
| Million dollars | | | | | |
| 1990/91 | 4,816 | 5,958 | 198 | 10,972 | 1,469 |
| 1991/92 | 5,110 | 6,132 | 194 | 11,436 | 1,996 |
| 1992/93 | 5,602 | 6,272 | 188 | 12,062 | 2,042 |
| 1993/94 | 5,714 | 6,778 | 185 | 12,623 | 2,005 |
| 1994/95 | 5,833 | 7,250 | 182 | 13,342 | 1,995 |
| 1995/96 | 5,795 | 7,608 | 181 | 13,584 | 1,998 |
| 1996/97 | 5,864 | 7,676 | 177 | 13,717 | 2,000 |
| 1997/98 | 5,673 | 7,975 | 196 | 13,844 | 1,977 |
| 1998/99 | 5,299 | 8,328 | 190 | 13,817 | 2,388 |
| 1999/2000 2/ | 6,352 | 8,199 | 187 | 14,738 | 2,416 |

1/ July - June. 2/ Subject to revision.

Compiled from reports of the Internal Revenue Service and the Bureau of the Census.

Table 31--Cash receipts from farm marketings and tobacco, 1990-99

| Period | Cash receipts | | | | Tobacco as a percentage of: | |
|---------|---------------------------|-------------------------|---------------|---------|-----------------------------|------------------------|
| | Livestock and products | All crops | Total farm 3/ | Tobacco | All crops | Total cash receipts |
| | | --- Million dollars --- | | | --- Percent --- | |
| 1990 | 89,193 | 80,256 | 169,449 | 2,733 | 3.41 | 1.61 |
| 1991 | 85,750 | 82,001 | 167,751 | 2,881 | 3.51 | 1.72 |
| 1992 | 85,596 | 85,662 | 171,346 | 2,962 | 3.46 | 1.73 |
| 1993 | 90,036 | 87,102 | 177,617 | 2,949 | 3.39 | 1.66 |
| 1994 | 88,107 | 91,562 | 180,775 | 2,645 | 2.89 | 1.46 |
| 1995 | 87,004 | 100,700 | 187,704 | 2,548 | 2.53 | 1.36 |
| 1996 | 93,005 | 106,575 | 199,579 | 2,796 | 2.62 | 1.40 |
| 1997 1/ | 96,463 | 111,134 | 207,596 | 2,874 | 2.59 | 1.38 |
| 1998 1/ | 94,112 | 102,463 | 196,575 | 2,803 | 2.74 | 1.43 |
| 1999 2/ | 95,463 | 93,146 | 188,610 | 2,273 | 2.44 | 1.21 |

1/ Revised. 2/ Preliminary. Calendar year sales. 3/ Does not include Government payments.

Source: Economic Research Service, USDA.

Table 32--Tobacco: U.S. Department of Agriculture price support loan and program operations and other expenditures, 1995-99

| Item | 1995 | 1996 | 1997 | 1998 | 1999 1/ |
|---------------------------------|-------------|-------------|-------------|--------------|--------------|
| New loans made | 160.9 | 27.3 | 162.1 | 618.6 | 276.8 |
| Repayments | 425.4 | 495.4 | 286.8 | 212.5 | 147.0 |
| Other receipts and outlays | * | 3.0 | 0.0 | 0.0 | |
| Marketing assessments | -33.7 | 27.9 | 31.5 | 29.7 | 16.0 |
| Net additions 2/ | -298.2 | -437.2 | -93.2 | 435.9 | 145.8 |
| Loans outstanding: | | | | | |
| Value | 1,294.4 | 345.5 | 252.3 | 688.2 | 834.0 |
| Quantity | | | | | |
| (mil. lb.) | 540.2 | 104.2 | 239.0 | 449.7 | 441.0 |
| Net CCC losses or gains 3/ | -33.4 | -27.9 | -31.5 | -29.7 | -17.0 |
| Crop insurance, total 4/ | 29.4 | 79.8 | 64.2 | 120.0 | 86.0 |
| Disaster payments | 1.4 | 0.0 | 0.0 | 0.0 | |
| Administration of quota program | 15.3 | 14.3 | 14.8 | 16.1 | 13.0 |
| Inspection, grading 5/ | 0.0 | 0.2 | 0.2 | 0.2 | 0.2 |
| Market news | 1.0 | 0.9 | 0.9 | 0.9 | 1.0 |
| Research and extension: 6/ | | | | | |
| Production and marketing | 3.2 | 0.8 | 1.8 | 0.0 | 0.0 |
| Health related | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Economics and statistics 7/ | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 |
| Foreign market development | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total direct outlays | 51.0 | 97.1 | 83.0 | 138.0 | 101.0 |

* = Negligible.

1/ Subject to revision. 2/ Negative numbers denote receipts. 3/ From price support program. 4/ Indemnities less producer-paid premiums plus administrative expenses for delivery of crop insurance by companies. 5/ User fees cover most costs of inspection and grading.

6/ Includes Agricultural Research Service (no tobacco funding after 1995), Cooperative State Research Service and Extension Service.

7/ Includes Economic Research Service, National Agricultural Statistics Service, and Foreign Agricultural Service economic and statistical analyses.

Compiled from Commodity Credit Corporation, Report of Financial Conditions and Operations, annual issues, 1993-94, CCC Estimates, FSA Financial Management Division, and records of Office of Budget, Planning, and Evaluation.

Statistical Summary

| Item | Unit or base period | 1999 | | 2000 | | | Last data as percentage of a year earlier | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|----------|----------|---------|----------|----------|---|--|--|------|--|------|--|--|--|--|--|----------|----------|---------|----------|----------|--|--------------------------------|--|--|--|--|--|--|--|-------------------------|----------|------|------|------|------|------|----|-----------------------|-------------|-------|-------|-------|-------|-------|-----|-------------------------|-------------|--|------|--|--|------|-----|------------|-------------|-------|-------|-------|-------|-------|-----|-----------------------|----------|---------|---------|---------|---------|---------|-----|-------------------------|--|--|--|--|--|--|--|-----------------|-------------|------|------|------|------|------|----|-----------------|-------------|------|------|------|------|------|----|-----------------------|-------------|------|------|------|------|-----|----|---------------------------|--|--|--|--|--|--|--|------------------|----------|-------|-------|-------|-------|-------|-----|------------------------------------|----------|-------|-------|-------|-------|-------|-----|-----------------------|----------|-------|-------|-------|-------|-------|-----|-----------------|----------|-------|-------|----|----|----|---|-------|----------|-------|-------|-------|-------|-------|-----|------------------------------|--|--|--|--|--|--|--|------------------|-------------|-------|-------|-------|-------|-------|-----|---|--|--|--|--|--|--|--|----------------|-------------|------|------|------|------|------|----|--------------------------------|-------------|-----|-----|-----|-----|-----|----|--|-------------|-----|------|-----|-----|------|----|----------------------------|--|--|--|--|--|--|--|----------------|-------------|------|------|------|-------|-------|-----|--------------------------------|-------------|-----|------|------|------|------|-----|--|-------------|-----|------|------|------|------|-----|
| | | July | August | June | July | August | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average price to growers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flue-cured | Ct. per lb. | 149.71 | 163.96 | closed | closed | 174.92 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Burley | Ct. per lb. | closed | closed | closed | closed | closed | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maryland | Ct. per lb. | closed | closed | closed | closed | closed | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia fire-cured | Ct. per lb. | closed | closed | closed | closed | closed | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ky.-Tenn. fire-cured | Ct. per lb. | closed | closed | closed | closed | closed | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ky.-Tenn. dark air-cured | Ct. per lb. | closed | closed | closed | closed | closed | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia sun-cured | Ct. per lb. | closed | closed | closed | closed | closed | ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Price support level 1/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flue-cured | Ct. per lb. | 163.2 | | | 164.0 | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Burley | Ct. per lb. | 178.9 | | | 182.4 | | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia fire-cured | Ct. per lb. | 155.9 | | | 155.9 | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ky.-Tenn. fire-cured | Ct. per lb. | 171.6 | | | 171.6 | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ky.-Tenn. dark air-cured | Ct. per lb. | 148.1 | | | 148.1 | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Virginia sun-cured | Ct. per lb. | 138.0 | | | 138.0 | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wisc. binder and Ohio filler | Ct. per lb. | 1.238 | | | 1.238 | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parity index 2/ | 1910-14=100 | 1,546 | 1,529 | 1,598 | 1,594 | 1,584 | 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Industrial production index 3/ | 1992=100 | 135.1 | 137.7 | 144.8 | 145.3 | | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Employment-Civilian | Millions | 133.3 | 133.4 | 135.2 | 134.7 | 134.9 | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal income 4/ | Bil. dol. | 7,504.4 | 7,841.1 | 8,264.0 | 8,285.1 | | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">1998</th> <th colspan="3">1999</th> <th></th> </tr> <tr> <th colspan="2"></th> <th>November</th> <th>December</th> <th>October</th> <th>November</th> <th>December</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="8">Taxable removals</td> </tr> <tr> <td>Cigarettes</td> <td>Billions</td> <td>40.5</td> <td>39.6</td> <td>35.8</td> <td>37.6</td> <td>34.0</td> <td>86</td> </tr> <tr> <td>Cigars and cigarillos</td> <td>Millions</td> <td>253.1</td> <td>257.8</td> <td>271.0</td> <td>285.0</td> <td>274.6</td> <td>107</td> </tr> <tr> <td colspan="8">Accumulated from Jan. 1</td> </tr> <tr> <td>Cigarettes</td> <td>Billions</td> <td>429.6</td> <td>469.2</td> <td>358.2</td> <td>395.8</td> <td>429.8</td> <td>92</td> </tr> <tr> <td>Cigars and cigarillos</td> <td>Millions</td> <td>2,927.0</td> <td>3,184.8</td> <td>2,789.2</td> <td>3,074.2</td> <td>3,348.8</td> <td>105</td> </tr> <tr> <td colspan="8">Tax-exempt removals</td> </tr> <tr> <td>Cigarettes</td> <td>Billions</td> <td>13.0</td> <td>13.5</td> <td>12.7</td> <td>13.8</td> <td>11.1</td> <td>82</td> </tr> <tr> <td>Exports</td> <td>Billions</td> <td>14.9</td> <td>12.2</td> <td>10.9</td> <td>13.9</td> <td>10.9</td> <td>89</td> </tr> <tr> <td>Cigars and cigarillos</td> <td>Millions</td> <td>12.2</td> <td>11.2</td> <td>13.1</td> <td>10.6</td> <td>7.9</td> <td>71</td> </tr> <tr> <td colspan="8">Accumulated from Jan. 1</td> </tr> <tr> <td>Cigarettes</td> <td>Billions</td> <td>199.0</td> <td>212.5</td> <td>140.6</td> <td>154.4</td> <td>165.5</td> <td>78</td> </tr> <tr> <td>Exports</td> <td>Billions</td> <td>189.1</td> <td>201.3</td> <td>126.6</td> <td>140.5</td> <td>151.4</td> <td>75</td> </tr> <tr> <td>Cigars and cigarillos</td> <td>Millions</td> <td>112.6</td> <td>123.8</td> <td>102.6</td> <td>113.2</td> <td>121.1</td> <td>98</td> </tr> </tbody> </table> | | | | | | | | | | 1998 | | 1999 | | | | | | November | December | October | November | December | | Taxable removals | | | | | | | | Cigarettes | Billions | 40.5 | 39.6 | 35.8 | 37.6 | 34.0 | 86 | Cigars and cigarillos | Millions | 253.1 | 257.8 | 271.0 | 285.0 | 274.6 | 107 | Accumulated from Jan. 1 | | | | | | | | Cigarettes | Billions | 429.6 | 469.2 | 358.2 | 395.8 | 429.8 | 92 | Cigars and cigarillos | Millions | 2,927.0 | 3,184.8 | 2,789.2 | 3,074.2 | 3,348.8 | 105 | Tax-exempt removals | | | | | | | | Cigarettes | Billions | 13.0 | 13.5 | 12.7 | 13.8 | 11.1 | 82 | Exports | Billions | 14.9 | 12.2 | 10.9 | 13.9 | 10.9 | 89 | Cigars and cigarillos | Millions | 12.2 | 11.2 | 13.1 | 10.6 | 7.9 | 71 | Accumulated from Jan. 1 | | | | | | | | Cigarettes | Billions | 199.0 | 212.5 | 140.6 | 154.4 | 165.5 | 78 | Exports | Billions | 189.1 | 201.3 | 126.6 | 140.5 | 151.4 | 75 | Cigars and cigarillos | Millions | 112.6 | 123.8 | 102.6 | 113.2 | 121.1 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1998 | | 1999 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | November | December | October | November | December | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Taxable removals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarettes | Billions | 40.5 | 39.6 | 35.8 | 37.6 | 34.0 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigars and cigarillos | Millions | 253.1 | 257.8 | 271.0 | 285.0 | 274.6 | 107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulated from Jan. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarettes | Billions | 429.6 | 469.2 | 358.2 | 395.8 | 429.8 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigars and cigarillos | Millions | 2,927.0 | 3,184.8 | 2,789.2 | 3,074.2 | 3,348.8 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tax-exempt removals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarettes | Billions | 13.0 | 13.5 | 12.7 | 13.8 | 11.1 | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exports | Billions | 14.9 | 12.2 | 10.9 | 13.9 | 10.9 | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigars and cigarillos | Millions | 12.2 | 11.2 | 13.1 | 10.6 | 7.9 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulated from Jan. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarettes | Billions | 199.0 | 212.5 | 140.6 | 154.4 | 165.5 | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exports | Billions | 189.1 | 201.3 | 126.6 | 140.5 | 151.4 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigars and cigarillos | Millions | 112.6 | 123.8 | 102.6 | 113.2 | 121.1 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">1999</th> <th colspan="3">2000</th> <th></th> </tr> <tr> <th colspan="2"></th> <th>May</th> <th>June</th> <th>April</th> <th>May</th> <th>June</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="8">Invoiced to domestic customers</td> </tr> <tr> <td colspan="8">Accumulated from Jan. 1</td> </tr> <tr> <td>Smoking tobacco</td> <td>Million lb.</td> <td></td> <td>6.3</td> <td></td> <td></td> <td>7.2</td> <td>114</td> </tr> <tr> <td>Chewing tobacco</td> <td>Million lb.</td> <td></td> <td>25.4</td> <td></td> <td></td> <td>25.8</td> <td>102</td> </tr> <tr> <td>Snuff</td> <td>Million lb.</td> <td></td> <td>31.9</td> <td></td> <td></td> <td>35.1</td> <td>110</td> </tr> <tr> <td colspan="8">Invoiced for export</td> </tr> <tr> <td colspan="8">Accumulated from Jan. 1</td> </tr> <tr> <td>Smoking tobacco</td> <td>Million lb.</td> <td></td> <td>1.0</td> <td></td> <td></td> <td>0.3</td> <td>30</td> </tr> <tr> <td>Chewing tobacco</td> <td>Million lb.</td> <td></td> <td>1.1</td> <td></td> <td></td> <td>0.8</td> <td>73</td> </tr> <tr> <td>Snuff</td> <td>Million lb.</td> <td></td> <td>0.9</td> <td></td> <td></td> <td>0.4</td> <td>44</td> </tr> <tr> <td colspan="8">Producer price indexes 5/</td> </tr> <tr> <td>Tobacco products</td> <td>1982=100</td> <td>363.4</td> <td>363.6</td> <td>392.7</td> <td>398.8</td> <td>393.2</td> <td>108</td> </tr> <tr> <td>Cigarettes (filter tip, king size)</td> <td>1982=100</td> <td>412.0</td> <td>412.3</td> <td>445.2</td> <td>451.8</td> <td>445.2</td> <td>108</td> </tr> <tr> <td>Cigars</td> <td>1982=100</td> <td>140.0</td> <td>245.0</td> <td>256.7</td> <td>256.7</td> <td>256.8</td> <td>105</td> </tr> <tr> <td>Smoking tobacco</td> <td>1982=100</td> <td>256.5</td> <td>256.5</td> <td>na</td> <td>na</td> <td>na</td> <td>0</td> </tr> <tr> <td>Snuff</td> <td>1982=100</td> <td>381.5</td> <td>381.5</td> <td>402.4</td> <td>402.4</td> <td>420.4</td> <td>110</td> </tr> <tr> <td colspan="8">Consumer price index (urban)</td> </tr> <tr> <td>Tobacco products</td> <td>1982-84=100</td> <td>345.5</td> <td>343.2</td> <td>404.4</td> <td>393.5</td> <td>388.5</td> <td>113</td> </tr> <tr> <td colspan="8">Imports of tobacco (for consumption) 6/</td> </tr> <tr> <td>Cigarette leaf</td> <td>Million lb.</td> <td>10.0</td> <td>64.6</td> <td>10.7</td> <td>32.3</td> <td>60.7</td> <td>94</td> </tr> <tr> <td>Cigar tobacco (leaf and scrap)</td> <td>Million lb.</td> <td>4.5</td> <td>9.6</td> <td>4.8</td> <td>4.4</td> <td>4.5</td> <td>47</td> </tr> <tr> <td>Other tobacco (leaf, scrap, and stems)</td> <td>Million lb.</td> <td>2.9</td> <td>29.5</td> <td>2.4</td> <td>7.8</td> <td>10.4</td> <td>35</td> </tr> <tr> <td colspan="8">Accumulated from Jan. 1 6/</td> </tr> <tr> <td>Cigarette leaf</td> <td>Million lb.</td> <td>10.0</td> <td>74.6</td> <td>99.4</td> <td>131.7</td> <td>192.4</td> <td>258</td> </tr> <tr> <td>Cigar tobacco (leaf and scrap)</td> <td>Million lb.</td> <td>4.5</td> <td>14.1</td> <td>22.2</td> <td>26.6</td> <td>31.1</td> <td>221</td> </tr> <tr> <td>Other tobacco (leaf, scrap, and stems)</td> <td>Million lb.</td> <td>2.9</td> <td>32.4</td> <td>29.4</td> <td>37.2</td> <td>47.6</td> <td>147</td> </tr> </tbody> </table> | | | | | | | | | | 1999 | | 2000 | | | | | | May | June | April | May | June | | Invoiced to domestic customers | | | | | | | | Accumulated from Jan. 1 | | | | | | | | Smoking tobacco | Million lb. | | 6.3 | | | 7.2 | 114 | Chewing tobacco | Million lb. | | 25.4 | | | 25.8 | 102 | Snuff | Million lb. | | 31.9 | | | 35.1 | 110 | Invoiced for export | | | | | | | | Accumulated from Jan. 1 | | | | | | | | Smoking tobacco | Million lb. | | 1.0 | | | 0.3 | 30 | Chewing tobacco | Million lb. | | 1.1 | | | 0.8 | 73 | Snuff | Million lb. | | 0.9 | | | 0.4 | 44 | Producer price indexes 5/ | | | | | | | | Tobacco products | 1982=100 | 363.4 | 363.6 | 392.7 | 398.8 | 393.2 | 108 | Cigarettes (filter tip, king size) | 1982=100 | 412.0 | 412.3 | 445.2 | 451.8 | 445.2 | 108 | Cigars | 1982=100 | 140.0 | 245.0 | 256.7 | 256.7 | 256.8 | 105 | Smoking tobacco | 1982=100 | 256.5 | 256.5 | na | na | na | 0 | Snuff | 1982=100 | 381.5 | 381.5 | 402.4 | 402.4 | 420.4 | 110 | Consumer price index (urban) | | | | | | | | Tobacco products | 1982-84=100 | 345.5 | 343.2 | 404.4 | 393.5 | 388.5 | 113 | Imports of tobacco (for consumption) 6/ | | | | | | | | Cigarette leaf | Million lb. | 10.0 | 64.6 | 10.7 | 32.3 | 60.7 | 94 | Cigar tobacco (leaf and scrap) | Million lb. | 4.5 | 9.6 | 4.8 | 4.4 | 4.5 | 47 | Other tobacco (leaf, scrap, and stems) | Million lb. | 2.9 | 29.5 | 2.4 | 7.8 | 10.4 | 35 | Accumulated from Jan. 1 6/ | | | | | | | | Cigarette leaf | Million lb. | 10.0 | 74.6 | 99.4 | 131.7 | 192.4 | 258 | Cigar tobacco (leaf and scrap) | Million lb. | 4.5 | 14.1 | 22.2 | 26.6 | 31.1 | 221 | Other tobacco (leaf, scrap, and stems) | Million lb. | 2.9 | 32.4 | 29.4 | 37.2 | 47.6 | 147 |
| | | 1999 | | 2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | May | June | April | May | June | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Invoiced to domestic customers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulated from Jan. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Smoking tobacco | Million lb. | | 6.3 | | | 7.2 | 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chewing tobacco | Million lb. | | 25.4 | | | 25.8 | 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Snuff | Million lb. | | 31.9 | | | 35.1 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Invoiced for export | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulated from Jan. 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Smoking tobacco | Million lb. | | 1.0 | | | 0.3 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chewing tobacco | Million lb. | | 1.1 | | | 0.8 | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Snuff | Million lb. | | 0.9 | | | 0.4 | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Producer price indexes 5/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tobacco products | 1982=100 | 363.4 | 363.6 | 392.7 | 398.8 | 393.2 | 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarettes (filter tip, king size) | 1982=100 | 412.0 | 412.3 | 445.2 | 451.8 | 445.2 | 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigars | 1982=100 | 140.0 | 245.0 | 256.7 | 256.7 | 256.8 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Smoking tobacco | 1982=100 | 256.5 | 256.5 | na | na | na | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Snuff | 1982=100 | 381.5 | 381.5 | 402.4 | 402.4 | 420.4 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consumer price index (urban) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tobacco products | 1982-84=100 | 345.5 | 343.2 | 404.4 | 393.5 | 388.5 | 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Imports of tobacco (for consumption) 6/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarette leaf | Million lb. | 10.0 | 64.6 | 10.7 | 32.3 | 60.7 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigar tobacco (leaf and scrap) | Million lb. | 4.5 | 9.6 | 4.8 | 4.4 | 4.5 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other tobacco (leaf, scrap, and stems) | Million lb. | 2.9 | 29.5 | 2.4 | 7.8 | 10.4 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accumulated from Jan. 1 6/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigarette leaf | Million lb. | 10.0 | 74.6 | 99.4 | 131.7 | 192.4 | 258 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cigar tobacco (leaf and scrap) | Million lb. | 4.5 | 14.1 | 22.2 | 26.6 | 31.1 | 221 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other tobacco (leaf, scrap, and stems) | Million lb. | 2.9 | 32.4 | 29.4 | 37.2 | 47.6 | 147 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

See footnotes at end of table.

continued--

Statistical Summary--Continued

| Item | Unit or base period | 1999 | | April | 2000 | | Last data as percentage of a year earlier |
|---|---------------------|-------|----------|-------|-------|---------|---|
| | | May | June | | May | June | |
| Exports of leaf tobacco (farm-sales weight): | | | | | | | |
| Flue-cured 7/ | Mil. lb. | 19.4 | 10.4 | 18.2 | 8.3 | 8.2 | 79 |
| Burley 7/ | Mil. lb. | 56.6 | 24.8 | 23.8 | 30.7 | 17.6 | 71 |
| Maryland | Mil. lb. | 0.9 | 0.7 | 0.4 | 0.0 | 1.4 | 200 |
| Virginia fire- & sun-cured | Mil. lb. | * | 1.3 | 0.0 | * | 0.0 | ** |
| Ky.-Tenn. fire-cured 8/ | Mil. lb. | 1.2 | 1.8 | 2.7 | 4.1 | 1.3 | 72 |
| Ky.-Tenn. dark air-cured 9/ | Mil. lb. | * | * | * | * | * | ** |
| Cigar wrapper | Mil. lb. | 0.4 | 0.5 | 0.4 | 0.4 | 0.3 | 60 |
| Cigar binder | Mil. lb. | ** | ** | ** | ** | ** | ** |
| Accumulated from beginning of marketing year 10/: | | | | | | | |
| Flue-cured 7/ | Mil. lb. | 331.1 | 341.5 | 246.9 | 255.2 | 263.4 | 77 |
| Burley 7/ | Mil. lb. | 132.2 | 157.0 | 70.6 | 101.3 | 118.9 | 76 |
| Maryland | Mil. lb. | 2.6 | 3.3 | 2.6 | 2.6 | 4.0 | 121 |
| Virginia fire- & sun-cured | Mil. lb. | 0.8 | 2.1 | * | * | 0.4 | 19 |
| Ky.-Tenn. fire-cured 8/ | Mil. lb. | 10.3 | 12.1 | 12.4 | 16.5 | 17.8 | 147 |
| Ky.-Tenn. dark air-cured 9/ | Mil. lb. | * | * | * | * | * | ** |
| Cigar wrapper | Mil. lb. | 5.4 | 5.9 | 5.7 | 6.1 | 6.4 | 108 |
| Cigar binder | Mil. lb. | 1.2 | 1.2 | ** | ** | 0.1 | 8 |
| Exports of manufactured tobacco in bulk and not elsewhere classified 11/: | | | | | | | |
| | Mil. lb. | 199.1 | 187.0 | 204.1 | 167.4 | 206.5 | 110 |
| Accumulated from Jan. 1 | Mil. lb. | 977.5 | 11,164.5 | 740.2 | 907.6 | 1,114.1 | 10 |

Quarterly data

| | | 1998 | | 1998 | | |
|--|----------|-----------|-----------|-----------|-----------|-----|
| | | Apr.-June | July-Sep. | Apr.-June | July-Sep. | |
| Stocks of tobacco--1st of quarter (farm-sales weight) 12/: | | | | | | |
| Domestic types-- | | | | | | |
| Flue-cured | Mil. lb. | 1,434 | 1,234 | 1,311 | 1,189 | 96 |
| Burley | Mil. lb. | 1,032 | 1,002 | 1,020 | 1,141 | 114 |
| Maryland | Mil. lb. | 22 | 19 | 18 | 17 | 89 |
| Fire-cured | Mil. lb. | 101 | 95 | 105 | 100 | 105 |
| Dark air- and sun-cured | Mil. lb. | 28 | 26 | 30 | 28 | 107 |
| Cigar filler | Mil. lb. | 13 | 13 | 10 | 9 | 68 |
| Cigar binder | Mil. lb. | 20 | 19 | 17 | 17 | 89 |
| Cigar wrapper | Mil. lb. | 2 | 1 | 2 | 1 | 100 |
| Under Government loan 13/: | Mil. lb. | 507 | 552 | 639 | 687 | 124 |
| Foreign types-- | | | | | | |
| Cigarette and smoking | Mil. lb. | 988 | 970 | 866 | 840 | 87 |
| Oriental | Mil. lb. | 328 | 329 | 271 | 261 | 79 |
| Flue-cured | Mil. lb. | 352 | 350 | 302 | 300 | 86 |
| Burley | Mil. lb. | 297 | 280 | 281 | 269 | 96 |
| Other | Mil. lb. | 11 | 10 | 12 | 10 | 97 |
| Cigar | Mil. lb. | 116 | 112 | 116 | 107 | 96 |

* = Negligible. ** = Not applicable. na = Not available.

1/ 1995 and 1996 crops, respectively. 2/ Prices paid by farmers including interest, taxes and wage rates. 3/ Seasonally adjusted.

4/ Seasonally adjusted, annual rate. 5/ Federal and applicable State and local taxes included. 6/ Declared weight.

7/ Not adjusted for re-exports of foreign-grown leaf. 8/ Includes blackfat share. 9/ Blackfat share only. 10/ July 1 for flue-cured and cigar wrapper and October 1 for others. 11/ Includes smoking tobacco in packages, smoking tobacco in bulk and other manufactured products.

12/ Holdings of manufacturers and dealers, including grower cooperatives. 13/ Reported by grower cooperatives.

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U. S. Tobacco Import Update

Tom Capehart¹

Abstract: U.S. imports (arrivals) of foreign-grown leaf and stems rose from 474 million pounds in 1998/99 (July-June) to 516 million pounds during 1999/2000 (July/June), a gain of 9 percent. Much of the advance was in Oriental, stemmed flue-cured, and other stemmed and unstemmed leaf, which is largely burley. During the same period, imports for consumption of leaf and stems also declined 9 percent. Use of foreign-grown flue-cured, burley, and Oriental tobaccos rose during this period, and foreign stocks were depleted. Lower cigarette output may dampen next year's imports, although the proportion of foreign-grown leaf used in cigarette production may not change much. Under the tariff-rate quota currently in place, imports of leaf are not severely restricted.

Keywords: Imports, arrivals, Oriental, flue-cured, burley, TRQ.

Introduction

This article updates articles published annually in the September 1992-99 issues of the *Tobacco Situation and Outlook* report.

Arrivals, or general imports of foreign-grown leaf and stems rose from 474 million pounds in 1998/99 (July-June) to 516 million pounds during 1999/2000 (July/June), a gain of 9 percent. Much of the advance was in Oriental, stemmed flue-cured, and other stemmed and unstemmed leaf, which is largely burley. During the same period, imports for consumption declined from 534 million pounds in 1998/99 to 485 million pounds in 1999/2000.

U.S. leaf imports for consumption had climbed from 413 million pounds in 1990 to more than 1 billion pounds in 1993. The main reason for this surge was the rising popularity in the United States and abroad for low- and mid-priced cigarette brands (discounts). Furthermore, U.S. exports were increasing rapidly, boosting demand for lower priced foreign leaf. To meet this demand, manufacturers imported an increasing amount of foreign tobacco. After imports reached 44 percent of domestic disappearance, Congress acted to restrict imports by implementing the Domestic Marketing Assessment (DMA).

The DMA was in effect from January 1, 1994, to September 13, 1995. If foreign leaf content of U.S. cigarettes exceeded 25 percent, a penalty was assessed on the manufacturer for calendar 1994 only. The DMA was eliminated on September 13, 1995, (retroactive to January 1, 1995), when President

Clinton proclaimed a tariff-rate quota (TRQ) for cigarette leaf tobacco, mainly flue-cured and burley. The proclamation also eliminated duties on Oriental and cigar wrapper, binder, and filler tobacco. Imports of cigarette leaf tobaccos, which exceed predetermined quota levels, will be subject to an import duty of 350 percent *ad valorem*. A draw back provision allows most of the duty to be refunded if the same leaf that is imported is re-exported as product.

Tariff-Rate Quota Activity

For the period September 13, 1999, through September 8, 2000, U.S. leaf imports within the TRQ totaled 174.7 million pounds. With less than a week left in the TRQ year (September 13-September 11), only 52.6 percent of the total quota allocation of 332.2 million pounds has been imported.

Under the TRQ, the volume of tobacco imports for consumption under nine harmonized tariff subheadings, primarily flue-cured and burley, during the period from September 13 in any year to September 11 of the following year, are restricted as shown in table A-1.

Despite Lower Imports, Use of Imported Leaf Rises Relative to Domestic Use

On a farm-sales weight basis, estimated U.S. use of imported flue-cured tobacco rose 6 percent from July-June 1998/99 to 1999/2000 (tables A-2 and A-3). However, since domestic disappearance slipped nearly 12 percent, the import share of total flue-cured use increased from 28.9 percent to 32.7 percent. During the same period, foreign-grown flue-cured stocks held by U.S. tobacco dealers and manufacturers fell 14 percent (table A-4).

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Table A-1--Imports under the tariff-rate quota for September 13, 1999, through September 11, 2000 1/

| Country | 1999/2000 | Imports | TRQ used |
|-------------|-------------------------------|----------------|----------|
| | quota | through Sept 8 | |
| | Million lbs (declared weight) | | Percent |
| Argentina | 23.7 | 22.6 | 95.5 |
| Brazil | 176.8 | 95.5 | 54.0 |
| Chile | 6.1 | 0.0 | 0.0 |
| EU | 22.0 | 8.2 | 37.3 |
| Guatemala | 22.0 | 6.7 | 30.4 |
| Malawi | 26.5 | 17.7 | 66.8 |
| Philippines | 6.6 | 0.3 | 4.7 |
| Thailand | 15.4 | 11.9 | 76.9 |
| Zimbabwe | 26.5 | 5.2 | 19.6 |
| Other 2/ | 6.6 | 6.6 | 100.0 |
| Total | 332.2 | 174.7 | 52.6 |

1/ U.S. Tariff Schedule line items subject to the tariff-rate quota (TRQ) includes flue-cured and light air-cured tobacco, including burley, which are used in the manufacture of cigarettes for consumption in the United States.
2/ A TRQ of 6.6 million pounds is available to all countries, other than the nine designated quota recipient countries and is allocated on a first come/first served basis.

Source: U.S. Customs Service.

Estimated use of burley imported leaf increased 3 percent from 1998/99 to 1999/2000. Projected domestic use slipped 12 percent and total use slipped 7 percent. The import share of total burley use rose from 33.7 to 37.5 percent. Foreign-grown burley stocks declined 4 percent from July 1, 1999, to July 1, 2000.

Based on arrival data (adjusted for stock changes), Oriental leaf use rose 40 percent in 1999/2000. Stocks on hand declined 21 percent from July 1, 1999, to July 1, 2000.

Cigar leaf imports (arrivals) fell 5 percent to 94.7 million pounds (farm-sales weight). Cigar leaf imports represented 78 percent of total cigar leaf disappearance (use) in the United States, about the same as last year. Total 1999/2000 imported cigar use was 103.2 million pounds, compared with 87 million pounds in 1998/99.

Table A-2--Estimated U.S. imports of flue-cured and burley tobacco, and domestic use, 1969-99 (farm-sales weight)

| Year beginning July 1 | Flue-cured | | | | Burley | | | |
|-----------------------|------------|------------------------|-----------|------------------------|------------|---------------------------|-----------|------------------------|
| | Imports | Domestic disappearance | Total use | Imports share of total | Imports 1/ | Domestic disappearance 2/ | Total use | Imports share of total |
| | | | | | | | | |
| 1969 | 5.7 | 645.9 | 651.6 | 0.9 | 3.3 | 507.1 | 510.4 | 0.6 |
| 1970 | 10.6 | 640.1 | 650.7 | 1.6 | 3.2 | 503.0 | 506.2 | 0.6 |
| 1971 | 11.2 | 662.5 | 673.7 | 1.7 | 4.6 | 515.2 | 519.8 | 0.9 |
| 1972 | 12.7 | 664.2 | 676.9 | 1.9 | 8.9 | 534.5 | 543.4 | 1.6 |
| 1973 | 20.4 | 703.4 | 723.8 | 2.8 | 30.7 | 533.1 | 563.8 | 5.4 |
| 1974 | 23.1 | 652.3 | 675.4 | 3.4 | 47.7 | 518.8 | 566.5 | 8.4 |
| 1975 | 24.4 | 670.6 | 695.0 | 3.5 | 46.7 | 510.1 | 556.8 | 8.4 |
| 1976 | 30.8 | 634.0 | 664.8 | 4.6 | 37.9 | 489.6 | 527.5 | 7.2 |
| 1977 | 55.0 | 608.2 | 663.2 | 8.3 | 85.4 | 494.8 | 580.2 | 14.7 |
| 1978 | 60.1 | 584.1 | 644.2 | 9.3 | 89.1 | 502.8 | 591.9 | 15.1 |
| 1979 | 84.8 | 563.1 | 647.9 | 13.1 | 113.6 | 498.5 | 612.1 | 18.6 |
| 1980 | 72.7 | 529.4 | 602.1 | 11.7 | 136.9 | 477.6 | 614.5 | 22.3 |
| 1981 | 63.3 | 488.8 | 552.1 | 11.5 | 109.7 | 463.9 | 573.6 | 19.1 |
| 1982 | 103.1 | 478.5 | 581.6 | 17.7 | 141.3 | 444.1 | 585.4 | 24.1 |
| 1983 | 94.4 3/ | 441.6 | 536.0 | 17.6 | 135.0 3/ | 388.7 | 523.7 | 25.8 |
| 1984 | 120.1 3/ | 454.2 | 574.3 | 20.9 | 163.8 3/ | 402.6 | 566.4 | 28.9 |
| 1985 | 151.0 4/ | 476.5 | 627.5 | 24.1 | 137.8 4/ | 425.0 | 562.8 | 24.5 |
| 1986 | 176.6 4/ | 479.6 | 656.2 | 26.9 | 120.4 4/ | 401.7 | 522.1 | 23.1 |
| 1987 | 209.7 4/ | 537.3 | 747.0 | 28.1 | 162.4 4/ | 478.1 | 640.5 | 25.4 |
| 1988 | 146.5 4/ | 522.1 | 668.6 | 21.9 | 117.9 4/ | 414.3 | 532.2 | 22.2 |
| 1989 | 109.0 4/ | 566.7 | 675.6 | 16.1 | 139.9 4/ | 445.7 | 585.6 | 23.9 |
| 1990 | 141.2 4/ | 609.0 | 750.2 | 18.8 | 134.9 4/ | 474.9 | 609.8 | 22.1 |
| 1991 | 137.6 4/ | 471.2 | 608.8 | 22.6 | 165.6 4/ | 432.2 | 597.9 | 27.7 |
| 1992 | 217.3 4/ | 508.7 | 726.0 | 29.9 | 178.8 4/ | 384.8 | 563.6 | 31.7 |
| 1993 | 193.3 4/ | 433.4 | 626.7 | 30.5 | 199.6 4/ | 399.4 | 599.0 | 33.3 |
| 1994 | 170.5 4/ | 569.3 | 739.8 | 23.0 | 161.0 4/ | 468.1 | 629.1 | 25.6 |
| 1995 | 162.5 4/ | 530.6 | 693.1 | 23.4 | 148.6 4/ | 386.1 | 534.7 | 27.8 |
| 1996 | 211.5 4/ | 556.1 | 767.6 | 27.6 | 206.4 4/ | 446.3 | 652.7 | 31.6 |
| 1997 | 226.5 4/ | 541.0 | 767.5 | 29.5 | 229.7 4/ | 379.2 | 608.9 | 37.7 |
| 1998 | 200.5 4/ | 492.1 | 692.6 | 28.9 | 178.9 4/ | 351.6 | 530.5 | 33.7 |
| 1999 | 211.6 4/ | 435.3 | 646.9 | 32.7 | 184.7 4/ | 308.2 5/ | 492.9 | 37.5 |

1/ Imports for consumption (duty paid) of leaf, scrap, and manufactured or unmanufactured (beginning 1980), prorated according to reported stocks of imported flue-cured and burley. 2/ Marketing year beginning October 1. 3/ General imports adjusted for stocks change. 4/ Volume inspected by Agricultural Marketing Service adjusted for stock change. 5/ Estimated.

Table A-3--Estimated disappearance of U.S.-grown and imported cigarette tobaccos, 1969-1999 (farm-sales weight)

| Year beginning July 1 | Domestic | | | | Foreign-grown | | | | Total disappear- ance | Foreign- grown Percent |
|-----------------------------|----------------|-----------|----------|---------|-------------------|-----------|-------------|-------|-----------------------------|------------------------------|
| | Flue- cured | Burley 1/ | Maryland | Total | Flue- cured 2/ | Burley 2/ | Oriental 3/ | Total | | |
| | Million pounds | | | | | | | | | |
| 1969 | 645.9 | 507.1 | 29.1 | 1,182.1 | 5.7 | 3.3 | 170.6 | 179.6 | 1,361.7 | 13.2 |
| 1970 | 640.1 | 503.0 | 27.6 | 1,170.7 | 10.6 | 3.2 | 189.3 | 203.1 | 1,373.8 | 14.8 |
| 1971 | 662.5 | 515.2 | 17.5 | 1,195.2 | 11.2 | 4.6 | 204.3 | 220.1 | 1,415.3 | 15.6 |
| 1972 | 664.2 | 534.5 | 13.4 | 1,212.1 | 12.7 | 8.9 | 187.0 | 208.6 | 1,420.7 | 14.7 |
| 1973 | 703.4 | 533.1 | 13.8 | 1,250.3 | 20.4 | 30.7 | 196.3 | 247.4 | 1,497.7 | 16.5 |
| 1974 | 652.3 | 518.8 | 25.0 | 1,196.1 | 23.1 | 47.7 | 196.6 | 267.4 | 1,463.5 | 18.3 |
| 1975 | 670.6 | 510.1 | 26.0 | 1,206.7 | 24.4 | 46.7 | 199.6 | 270.7 | 1,477.4 | 18.3 |
| 1976 | 634.0 | 489.6 | 17.4 | 1,141.0 | 30.8 | 37.9 | 185.1 | 253.8 | 1,394.8 | 18.2 |
| 1977 | 608.2 | 494.8 | 19.6 | 1,122.6 | 55.0 | 85.4 | 211.5 | 351.9 | 1,474.5 | 23.9 |
| 1978 | 584.1 | 502.8 | 21.1 | 1,108.0 | 60.1 | 89.1 | 207.8 | 357.0 | 1,465.0 | 24.4 |
| 1979 | 563.1 | 498.5 | 23.6 | 1,085.2 | 84.8 | 113.6 | 204.8 | 403.2 | 1,488.4 | 27.1 |
| 1980 | 529.4 | 477.6 | 18.6 | 1,025.6 | 72.7 | 136.9 | 202.6 | 412.2 | 1,437.8 | 28.7 |
| 1981 | 488.8 | 463.9 | 27.9 | 980.6 | 63.3 | 109.7 | 207.3 | 380.3 | 1,360.9 | 27.9 |
| 1982 | 478.5 | 444.1 | 26.0 | 948.6 | 103.1 | 141.3 | 207.9 | 452.3 | 1,400.9 | 32.3 |
| 1983 | 441.6 | 388.7 | 29.7 | 860.0 | 94.4 4/ | 135.0 4/ | 195.8 | 425.2 | 1,285.2 | 33.1 |
| 1984 | 454.2 | 402.6 | 28.7 | 885.5 | 120.1 4/ | 163.8 4/ | 196.9 | 480.8 | 1,366.3 | 35.2 |
| 1985 | 476.5 | 424.9 | 26.0 | 927.4 | 151.0 5/ | 137.8 5/ | 196.8 | 485.6 | 1,413.0 | 34.4 |
| 1986 | 479.6 | 401.8 | 23.9 | 905.3 | 176.6 5/ | 120.4 5/ | 227.4 | 524.4 | 1,429.7 | 36.7 |
| 1987 | 537.3 | 478.1 | 24.8 | 1,040.2 | 209.7 5/ | 162.4 5/ | 212.3 | 584.4 | 1,624.6 | 36.0 |
| 1988 | 522.1 | 414.3 | 21.4 | 957.8 | 146.5 5/ | 117.9 5/ | 192.0 | 456.4 | 1,414.2 | 32.3 |
| 1989 | 566.7 | 445.7 | 22.7 | 1,035.1 | 109.0 5/ | 139.9 5/ | 210.3 | 459.2 | 1,494.3 | 30.7 |
| 1990 | 609.0 | 474.9 | 16.8 | 1,098.2 | 141.2 5/ | 134.9 5/ | 237.6 | 513.7 | 1,611.9 | 31.9 |
| 1991 | 471.2 | 432.2 | 16.4 | 919.9 | 137.6 5/ | 165.6 5/ | 183.3 4/ | 486.5 | 1,406.4 | 34.6 |
| 1992 | 508.7 | 384.8 | 13.9 | 907.4 | 217.3 5/ | 178.8 5/ | 212.2 4/ | 608.3 | 1,515.7 | 40.1 |
| 1993 | 433.4 | 399.4 | 11.8 | 844.6 | 193.3 5/ | 199.6 5/ | 177.2 4/ | 570.1 | 1,414.7 | 40.3 |
| 1994 | 569.3 | 468.1 | 12.7 | 1,021.8 | 170.5 5/ | 161.0 5/ | 191.8 4/ | 523.3 | 1,545.1 | 33.9 |
| 1995 | 530.6 | 386.1 | 8.1 | 924.8 | 162.5 5/ | 148.6 5/ | 196.7 4/ | 507.8 | 1,432.6 | 35.0 |
| 1996 | 556.1 | 446.3 | 6.6 | 1,008.9 | 211.5 5/ | 206.4 5/ | 196.5 4/ | 614.4 | 1,623.3 | 37.8 |
| 1997 | 541.0 | 379.2 | 8.1 | 928.3 | 226.5 5/ | 229.7 5/ | 198.4 4/ | 654.6 | 1,582.9 | 41.4 |
| 1998 | 492.1 | 351.6 | 7.0 | 850.8 | 200.5 5/ | 178.9 5/ | 150.4 4/ | 529.8 | 1,380.6 | 38.4 |
| 1999 | 435.3 | 308.2 6/ | 6.0 6/ | 749.5 | 211.6 5/ | 184.7 5/ | 206.4 4/ | 602.7 | 1,352.2 | 44.6 |

1/ Marketing year beginning October 1. 2/ Imports for consumption (duty paid) of leaf, scrap, and manufactured and unmanufactured (beginning 1980) prorated according to reported stocks of imported flue-cured and burley. 3/ Imports for consumption of Oriental leaf and scrap. 4/ General imports adjusted for stock change. 5/ Volume inspected by Agricultural Marketing Service adjusted for stock change. 6/ Estimated.

Table A-4--Imported foreign-grown cigarette leaf stocks, by quarters, 1986-2000

| Year | Jan. 1 | Apr. 1 | July 1 | Oct. 1 | Jan. 1 | Apr. 1 | July 1 | Oct. 1 |
|-------------------|----------------------------------|--------|--------|--------|---|--------|--------|--------|
| Million pounds 1/ | | | | | | | | |
| | ----Foreign-grown flue-cured---- | | | | ----Foreign-grown oriental and aromatic---- | | | |
| 1986 | 231 | 217 | 258 | 251 | 346 | 391 | 375 | 340 |
| 1987 | 211 | 225 | 223 | 215 | 380 | 427 | 425 | 392 |
| 1988 | 193 | 199 | 196 | 212 | 400 | 376 | 349 | 296 |
| 1989 | 197 | 178 | 183 | 199 | 330 | 332 | 334 | 293 |
| 1990 | 181 | 170 | 188 | 202 | 325 | 348 | 339 | 296 |
| 1991 | 185 | 169 | 189 | 198 | 313 | 331 | 341 | 326 |
| 1992 | 194 | 191 | 231 | 269 | 396 | 405 | 401 | 356 |
| 1993 | 259 | 241 | 288 | 298 | 334 | 369 | 385 | 354 |
| 1994 | 277 | 276 | 296 | 287 | 350 | 330 | 349 | 352 |
| 1995 | 339 | 352 | 331 | 352 | 342 | 342 | 328 | 280 |
| 1996 | 364 | 391 | 391 | 406 | 308 | 428 | 332 | 306 |
| 1997 | 400 | 384 | 451 | 435 | 323 | 352 | 369 | 334 |
| 1998 | 434 | 406 | 416 | 395 | 335 | 356 | 352 | 339 |
| 1999 | 377 | 352 | 350 | 341 | 344 | 328 | 329 | 292 |
| 2000 | 352 | 302 | 300 | | 295 | 271 | 261 | |
| | -----Foreign-grown burley----- | | | | -----Total imported cigarette leaf----- | | | |
| 1986 | 258 | 248 | 251 | 250 | 835 | 856 | 884 | 841 |
| 1987 | 240 | 232 | 225 | 199 | 831 | 884 | 873 | 805 |
| 1988 | 195 | 175 | 168 | 159 | 787 | 750 | 713 | 667 |
| 1989 | 171 | 157 | 170 | 151 | 698 | 667 | 687 | 643 |
| 1990 | 153 | 154 | 148 | 167 | 659 | 672 | 675 | 664 |
| 1991 | 166 | 159 | 180 | 228 | 664 | 660 | 710 | 752 |
| 1992 | 235 | 224 | 230 | 247 | 825 | 820 | 862 | 872 |
| 1993 | 259 | 285 | 296 | 319 | 866 | 895 | 969 | 972 |
| 1994 | 295 | 281 | 292 | 295 | 922 | 887 | 936 | 934 |
| 1995 | 323 | 326 | 298 | 305 | 1,003 | 1,019 | 957 | 937 |
| 1996 | 312 | 298 | 290 | 311 | 998 | 1,128 | 1,024 | 1,032 |
| 1997 | 310 | 221 | 325 | 374 | 1,043 | 966 | 1,156 | 1,154 |
| 1998 | 368 | 325 | 300 | 325 | 1,149 | 1,097 | 1,079 | 1,070 |
| 1999 | 315 | 297 | 280 | 286 | 1,046 | 988 | 970 | 930 |
| 2000 | 303 | 281 | 269 | | 959 | 866 | 840 | |

1/ Farm-sales weight.

Table A-5--Estimated disappearance of U.S.-grown and imported cigar tobacco, 1969-1999 (farm-sales weight)

| Year beginning July 1 1/ | Domestic | Foreign-grown 2/ Million pounds | Total disappearance | Foreign-grown 2/ Percent |
|-----------------------------|----------|------------------------------------|---------------------|-----------------------------|
| 1969 | 94.9 | 81.3 | 176.2 | 46.1 |
| 1970 | 84.8 | 92.8 | 177.6 | 52.3 |
| 1971 | 88.5 | 97.2 | 185.7 | 52.3 |
| 1972 | 77.1 | 103.8 | 180.9 | 57.4 |
| 1973 | 72.6 | 141.1 | 213.7 | 66.0 |
| 1974 | 62.8 | 107.3 | 170.1 | 63.1 |
| 1975 | 55.4 | 112.5 | 167.9 | 67.0 |
| 1976 | 53.7 | 117.2 | 170.9 | 68.6 |
| 1977 | 50.0 | 131.2 | 181.2 | 72.4 |
| 1978 | 53.2 | 67.8 | 121.0 | 56.0 |
| 1979 | 53.8 | 66.1 | 119.9 | 55.1 |
| 1980 | 52.5 | 79.3 | 131.8 | 60.2 |
| 1981 | 56.1 | 70.4 | 126.5 | 55.7 |
| 1982 | 47.3 | 65.6 | 112.9 | 58.1 |
| 1983 | 45.2 | 79.1 | 124.3 | 63.6 |
| 1984 | 42.5 | 69.5 | 112.0 | 62.1 |
| 1985 | 41.3 | 56.1 | 97.4 | 57.6 |
| 1986 | 47.2 | 47.2 | 94.4 | 50.0 |
| 1987 | 42.9 | 57.6 | 100.5 | 57.3 |
| 1988 | 31.4 | 39.5 | 70.9 | 55.7 |
| 1989 | 31.6 | 42.9 | 74.5 | 57.6 |
| 1990 | 31.9 | 51.4 | 83.3 | 61.7 |
| 1991 | 28.1 | 79.2 | 107.2 | 73.9 |
| 1992 | 26.2 | 82.9 | 109.1 | 76.0 |
| 1993 | 26.4 | 74.6 | 102.5 | 72.8 |
| 1994 | 26.4 | 76.5 | 104.2 | 73.4 |
| 1995 | 23.1 | 79.9 | 103.0 | 77.6 |
| 1996 | 26.7 | 80.0 | 106.7 | 75.0 |
| 1997 | 19.4 | 89.7 | 109.1 | 82.2 |
| 1998 | 22.0 | 87.0 | 109.0 | 79.8 |
| 1999 3/ | 23.1 | 103.2 | 126.3 | 81.7 |

1/ Marketing year beginning July 1 except beginning October 1 for domestically grown filler and binder. 2/ Imports for consumption (leaf and scrap).

3/ Preliminary.

Cost of Production for Flue-Cured Tobacco

Linda F. Foreman¹

Abstract: Net returns to flue-cured tobacco production fell in 1999 from the previous year as the expenditures per acre for labor, fuel, and quota increased and the gross value of production per acre fell. The value of gross production minus cash expenses totaled \$1,442 per acre in 1999, down 12 percent from 1998. The residual returns to management and risk fell \$374 from the previous year, to a loss of \$179 per acre in 1999.

Keywords: Flue-cured tobacco, cost of production, net returns.

Cost of Production

The value of gross production less cash expenditures per acre for flue-cured tobacco totaled \$1,442 in 1999, down \$188 from the previous year. Increases in cash expenditures and declines in the gross value of production contributed about equally to the decline in net returns. The residual returns to management and risk fell \$374 per acre, from \$195 to a loss of \$179 in 1999 from the previous year.

The value of U.S. flue-cured tobacco production fell \$93 per acre from the previous year to total \$3,753 per acre in 1999, as the average yield per acre declined by 2 percent and the price declined by 1 percent. Yields in North Carolina declined nearly 2 percent due to the dry weather in 1999. Since North Carolina produces two-thirds of the flue-cured tobacco crop, changes in North Carolina prices and yields have a large impact on the value of U.S. flue-cured production. Dry weather and the tomato spotted wilt virus reduced Georgia's tobacco yields by nearly 12 percent from 1998 to 1999, while average yields in Florida and Virginia rose.

Cash expenses rose \$94 per acre, primarily due to changes in variable cash expenses, while fixed cash expenses remained stable in 1999 from the previous year. Cash expenses are the sum of variable cash expenses—expenses that vary as production varies—and fixed cash expenses. Fixed cash expenses per acre are those expenses that do not vary as production per acre varies. Increases in curing costs accounted for slightly more than two-thirds of the rise in variable cash expenses. Prices for LP gas and oil rose sharply in the summer of 1999, when tobacco farmers usually purchase fuel for curing tobacco. Rising wages for agricultural workers boosted hired labor expenditures per acre 5 percent in 1999. Hired labor expenditures are the largest component of variable cash expenses due to the labor-inten-

sive nature of tobacco production. The rise in the no-net-cost assessment, from 0.186 cent per pound in 1998 to 1.0 cent per pound in 1999, increased marketing expenses by nearly \$15 per planted acre. Fertilizer expenditures per acre were the only item to decline significantly in 1999 by falling \$22 per acre in 1999 from the previous year, as fertilizer prices dropped.

The total economic cost per acre for flue-cured tobacco rose \$280 to total \$3,932 per acre. The total economic cost represents the long run cost for producers. A large part of the increased economic cost was derived from changes in the cash rental rate for quota. The cash rental rate is a measure of the opportunity cost of quota. Changes in the cash rental rates for quota are driven by the changes in the effective quota levels and changes in the tobacco settlement payments which are tied to the ownership or use of quota. In 1999, the effective quota for flue-cured tobacco was 671.5 million pounds, down 18 percent from 1998 and down 34 percent from 1997. With the reduced quota, producers bid up the quota rental price to maintain economically viable sizes of tobacco enterprises. The Economic Research Service uses the wage rates of agricultural workers to measure the opportunity cost of unpaid labor used in tobacco production. The opportunity cost of unpaid labor per acre rose \$11 to \$236 per acre, as tight labor markets boosted the wages of agricultural workers in 1999. Capital replacement costs rose by \$11 to \$295 per acre, as prices for farm machinery and building materials rose.

Methodology and Data Sources

Flue-cured tobacco cost of production estimates per acre were developed using data derived from a flue-cured tobacco version of the 1996 Agricultural Resource Management Study (ARMS) survey. The tobacco version provides information on the cost of production and quantities used in the production process in 1996. The account is updated annually using the 1996 cost estimates and moving

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them by changes in the yield per acre and changes in prices for inputs and outputs. Cost of production estimates are generally most accurate for the surveyed year, since cost estimates from the survey incorporate the influence of tobacco farmers' use of technologies and the sizes of the farm enterprises. The accuracy of the cost estimates for the post-survey years depends on changes in input prices, production practices, enterprise sizes, and technology.

The 1996 tobacco version of ARMS collected cost of production data from 316 flue-cured tobacco producers in four States, Virginia, North Carolina, South Carolina, and Georgia. The quantities and costs from ARMS are weighted to reflect the total tobacco acreage in these States. These four States accounted for 98 percent of flue-cured tobacco production in 1996. The cost of production estimates include the cost for both the operators and landlords. The costs and returns exclude direct payments from tobacco programs, so policymakers and decisionmakers

will be aware of the net returns from tobacco production. However, the indirect effects of tobacco programs, such as the tobacco quota program, cannot be removed from the cost of production account.

Data for computing the annual updates come from a variety of sources. The National Agricultural Statistics Service (NASS) provides most of the data used in the update procedure. NASS obtains annual and sometimes monthly estimates of quantities and prices for a wide variety of farm items. Data for updating the marketing cost come from the Agricultural Marketing Service. The opportunity cost for quota per acre was updated using percentage changes in the quota cash rental rate and in the yield per acre. Since data on flue-cured tobacco quota rental rates are not available, the relationship between the percentage change in quota cash rents and effective quota for burley tobacco was used to derive estimates for the percentage change in quota rental rates for flue-cured tobacco.

Table B-1--U.S. flue-cured tobacco production costs and returns, 1996-99

| Item | 1996 | 1997 | 1998 | 1999 | 1996 | 1997 | 1998 | 1999 |
|--|------------------|----------|----------|----------|-----------------|--------|--------|--------|
| | Dollars per acre | | | | Dollars per cwt | | | |
| Gross value of production | 3,941.28 | 3,921.60 | 3,846.50 | 3,753.18 | 183.70 | 172.00 | 175.36 | 173.60 |
| Cash expenses: | | | | | | | | |
| Seed and plant bed | 55.71 | 57.65 | 59.10 | 63.46 | 2.60 | 2.53 | 2.69 | 2.94 |
| Fertilizer | 282.59 | 290.73 | 304.39 | 282.66 | 13.19 | 12.75 | 13.85 | 13.10 |
| Chemicals | 216.56 | 218.38 | 220.18 | 218.38 | 10.11 | 9.58 | 10.02 | 10.12 |
| Custom operations | 9.07 | 9.88 | 8.00 | 7.86 | 0.42 | 0.43 | 0.36 | 0.36 |
| Fuel, lube, and electricity | 67.75 | 71.74 | 59.56 | 62.94 | 3.16 | 3.15 | 2.71 | 2.92 |
| Curing fuel | 272.91 | 301.50 | 258.98 | 325.72 | 12.74 | 13.22 | 11.78 | 15.10 |
| Repairs | 106.95 | 109.74 | 110.67 | 112.53 | 4.99 | 4.81 | 5.04 | 5.22 |
| Hired labor | 468.02 | 491.96 | 554.12 | 582.09 | 21.85 | 21.58 | 25.21 | 26.99 |
| Marketing expenses | 143.42 | 151.39 | 145.95 | 160.76 | 6.70 | 6.64 | 6.64 | 7.45 |
| Other variable cash expenses | 3.91 | 4.01 | 3.88 | 3.81 | 0.18 | 0.18 | 0.18 | 0.18 |
| Total, variable cash expenses | 1,626.89 | 1,706.98 | 1,724.83 | 1,820.21 | 75.94 | 74.87 | 78.48 | 84.38 |
| General farm overhead | 116.32 | 149.71 | 181.75 | 184.80 | 5.43 | 6.57 | 8.27 | 8.57 |
| Taxes and insurance | 111.78 | 122.91 | 140.61 | 141.26 | 5.22 | 5.39 | 6.40 | 6.55 |
| Interest | 129.03 | 142.47 | 169.37 | 164.71 | 6.02 | 6.25 | 7.71 | 7.64 |
| Total, fixed cash expenses | 357.13 | 415.09 | 491.73 | 490.77 | 16.67 | 18.21 | 22.38 | 22.76 |
| Total, cash expenses | 1,984.02 | 2,122.07 | 2,216.56 | 2,310.98 | 92.61 | 93.08 | 100.86 | 107.14 |
| Gross value of production less cash expenses | 1,957.26 | 1,799.53 | 1,629.94 | 1,442.20 | 91.09 | 78.92 | 74.50 | 66.46 |
| Economic (full ownership) costs: | | | | | | | | |
| Variable cash expenses | 1,626.89 | 1,706.98 | 1,724.83 | 1,820.21 | 75.94 | 74.87 | 78.48 | 84.38 |
| General farm overhead | 116.32 | 149.71 | 181.75 | 184.80 | 5.43 | 6.57 | 8.27 | 8.57 |
| Taxes and insurance | 111.78 | 122.91 | 140.61 | 141.26 | 5.22 | 5.39 | 6.40 | 6.55 |
| Capital replacement | 255.67 | 273.03 | 283.70 | 295.02 | 11.94 | 11.98 | 12.91 | 13.68 |
| Operating capital | 41.60 | 44.21 | 41.83 | 43.32 | 1.94 | 1.94 | 1.90 | 2.01 |
| Other nonland capital | 77.81 | 84.40 | 80.10 | 79.19 | 3.63 | 3.70 | 3.64 | 3.67 |
| Land and quota | 853.63 | 843.73 | 974.05 | 1,131.93 | 39.85 | 37.01 | 44.32 | 52.48 |
| Unpaid labor | 189.91 | 199.62 | 224.84 | 236.19 | 8.87 | 8.76 | 10.23 | 10.95 |
| Total, economic (full ownership) costs | 3,273.61 | 3,424.59 | 3,651.71 | 3,931.92 | 152.82 | 150.22 | 166.15 | 182.29 |
| Residual returns to management and risk | 667.67 | 497.01 | 194.79 | (178.74) | 30.88 | 21.78 | 9.21 | (8.69) |
| Price (dollars/lb and cwt) | 1.84 | 1.72 | 1.75 | 1.74 | 183.70 | 172.00 | 175.36 | 173.60 |
| Yield (lb and cwt/acre) | 2,141.90 | 2,280.00 | 2,198.00 | 2,157.00 | 21.42 | 22.80 | 21.98 | 21.57 |