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 United States  
Department of  
Agriculture

Economic  
Research  
Service

TS-186

December 1983

# Tobacco

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# OUTLOOK & SITUATION

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# Summary

**The 1983/84 outlook for U.S. tobacco is highlighted by weak demand** and large supplies, despite the sharply smaller crop. As a result, flue-cured and burley prices are down slightly. The 1983 flue-cured crop averaged \$1.78 a pound, 1 cent less than last year, reflecting stable support prices, sluggish demand, and lower quality. Burley sales began November 21, with prices also averaging a little lower than a year ago.

**Legislation was signed November 29** that freezes 1984 price supports for flue-cured at the 1982-1983 level and also allows the Secretary of Agriculture to freeze supports on other types. In addition, the new law permits the Secretary, upon request of the flue-cured Stabilization Cooperative, to reduce price supports on less marketable grades of flue-cured tobacco. The legislation abolishes leasing of flue-cured quotas beginning in 1987.

**Total U.S. tobacco production this year is forecast** at 1.38 billion pounds, 30 percent below last year's large crop. Declines in both acreage and yield reduced the crop to the smallest total since 1941. The outlook for 1984 points to an increase in production assuming average yields and a hike in effective burley quotas.

**Declines in both exports and domestic use** will pull down total tobacco use in 1983/84. Domestic use of U.S. tobacco has been hurt by weaker demand for cigarettes, continued reductions in tobacco per cigarette, and greater use of imported burley and flue-cured in cigarettes.

Although beginning stocks of tobacco were 8 percent higher this season than last, domestic supplies for 1983/84 are down 4 percent because of the sharply smaller crop. U.S. tobacco use for this season will likely exceed the small production, leaving next summer's ending stocks about 4 percent lower than the 3.8 billion pounds carried into this year.

**Domestic cigarette consumption for 1983 may be down 5 percent** from last year. This decline, combined with a fall in exports, has led to a 5-percent drop in U.S. cigarette output this year. Total cigarette consumption may increase a little in 1984 with a slowdown in price hikes and with the economic recovery, but per capita consumption is likely to decline further. The volume of cigars and smoking tobacco consumed will probably continue to decline. Output of chewing tobacco is down, but snuff production is up.

**U.S. exports of unmanufactured tobacco during 1983** are not likely to equal last year's 572 million pounds (259,000 metric tons or 697 million pounds, farm sales weight). Exports of unmanufactured tobacco during January-October declined about 12 percent. Prospects for next year's exports are dim, too, because of the strong dollar, weaker demand, large overseas tobacco supplies, and the short, lower-quality U.S. crop.

**Imports of unmanufactured leaf and processed scrap** comprised 33 percent of tobacco used by U.S. manufacturers during 1982/83—32 percent of tobacco used in cigarettes and 44 percent of that used in other products. January-October imports for consumption were 34 percent above a year earlier, and total imports in 1983 are expected to greatly exceed 1982's 407 million pounds.

**The flue-cured tobacco supply for July 1983-June 1984**, at 3.06 billion pounds, is down 3 percent from last year. Larger beginning stocks were offset by the smaller crop. With marketings below indicated use, ending stocks are expected to decline about 55 million pounds from this year's 2.21 billion.

The national flue-cured marketing quota for 1984 is 11-1/2 percent below 1983. The effective quota (reflecting adjustments for net underquota marketings) is estimated at 835 million pounds, 6 percent lower than 1983. Price supports will be unchanged from 1983.

**The burley supply for October 1983-September 1984** is estimated at 1.8 billion pounds, down 5 percent. The October 1 carryover rose 18 percent. As of December 1, the 1983 crop estimate is 453 million pounds, 44 percent below 1982's outturn. However, marketings are estimated at 486 million pounds since 33 million pounds of 1982 crop tobacco have been sold this season.

The marketing quota for burley and acreage allotments for several other kinds under quota will be announced by February 1. Supplies of fire-cured, dark air-cured, Maryland, and cigar tobaccos are all lower.

## TOBACCO PRODUCTS

### Cigarette Consumption for 1983 May Be Down 5 Percent

Falling sales will likely cause U.S. cigarette production this year to decline 5 percent from 1982 (table 1). U.S. consumption totaled 455 billion cigarettes during January-September 1983, 5 percent or 25 billion below a year earlier. State cigarette tax receipts, however, indicated that unit sales for the first 9 months declined 6.6 percent. The discrepancy came about because retailers sharply increased inventories at the end of 1982 as wholesalers pulled down holdings to avoid a Federal stocks tax imposed in early 1983. Then, retailers worked off inventories the first part of this year, and tax-paid removals fell proportionately more than the drop in consumption. Cigarette consumption may increase a little during the next 12 months with a slowdown in price hikes and with the improved economy. Although sales of

low-tar, low-nicotine cigarettes rose sharply from 1970 to 1981, they declined slightly in 1982 and will likely decline again this year.

Retail cigarette prices in October 1983 were 17 percent higher than a year earlier. This increase is six times that of all consumer prices during the period. Twelve States raised cigarette excise taxes this year, compared with nine in 1982. One State added a 1-cent surcharge per pack and five States removed sunset provisions that would have ended previous excise increases. By September, the weighted-average State tax was 15.1 cents a pack, 0.9 cents above a year earlier (table 3).

### Government Issues Report on Smoking and Heart Disease

The Department of Health and Human Services in November released *The Health Consequences of Smoking: Cardio-Vascular Disease*, a report by the Surgeon Gen-

**Table 1.—Cigarettes: U.S. output, removals, and consumption, 1975-83**

Year	Output	Removals					Estimated inventory increase	Total U.S. consumption <sup>3</sup>
		Taxable	Tax-exempt					
			Total	Exports	Shipments <sup>1</sup>	Overseas forces <sup>2</sup>		
<i>Billions</i>								
1975	651.2	588.3	62.3	50.2	1.5	10.6	-7.7	607.2
1976	693.4	617.9	72.1	61.4	1.9	8.8	13.5	613.5
1977	665.9	592.0	78.1	66.8	1.1	10.2	-14.4	617.0
1978	695.9	614.2	85.1	74.4	1.2	9.6	8.2	616.0
1979	704.4	614.0	93.8	79.7	1.1	13.0	5.7	621.5
1980	714.1	620.5	94.2	82.0	.9	11.3	2.3	631.5
1981	736.5	638.1	92.0	82.6	.8	8.6	8.0	640.0
1982	694.2	614.1	82.1	73.6	.8	7.7	-10.8	634.0
1983 <sup>4</sup>	662.0	585.0	69.0	60.0	.8	8.2	-7.9	603.0

<sup>1</sup>To Puerto Rico and other U.S. possessions. <sup>2</sup>Includes ship stores and small tax-exempt categories. <sup>3</sup>Taxable removals, overseas forces, inventory change and imports (negligible). <sup>4</sup>Estimated.

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

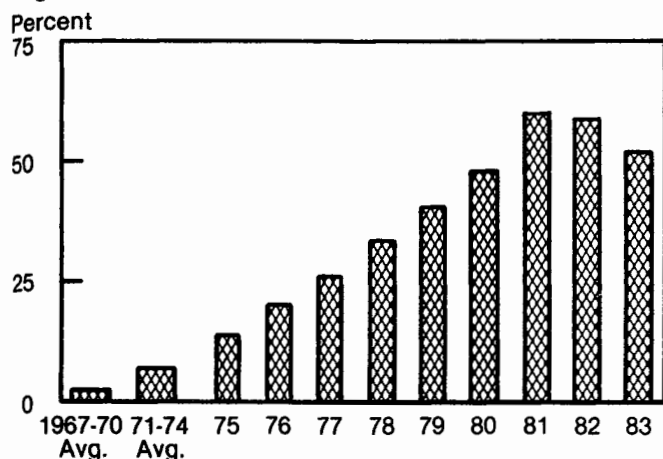
**Table 2.—Cigars and smoking tobacco: Output, removals, and consumption, 1980-83**

Year and item	United States factories						Total U.S. consumption <sup>1</sup>
	Output	Removals		From Puerto Rico, taxable	Imports	Exports	
		Taxable	Tax-exempt				
<i>Millions</i>							
Large cigars <sup>2</sup>							
1980	3,454	3,291	201	590	119	<sup>3</sup> 200	4,001
1981	3,428	3,256	160	534	124	181	3,893
1982	3,195	3,056	158	500	126	181	3,659
1983 <sup>3</sup>	3,025	3,000	140	400	150	125	3,565
<i>Million pounds</i>							
Smoking tobacco							
1980	32.2	30.6	.8	—	6.7	.8	37.3
1981	30.3	30.0	.8	—	6.6	.9	36.5
1982	28.3	27.8	.7	—	6.1	1.0	33.6
1983 <sup>3</sup>	28.0	27.3	.7	—	5.9	1.1	32.8

<sup>1</sup>Total removals (or sales) from U.S. and Puerto Rican factories, plus imports, minus exports. <sup>2</sup>Includes cigarillos. <sup>3</sup>Estimated.

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

### Cigarettes Low-Tar Market Share<sup>o</sup>

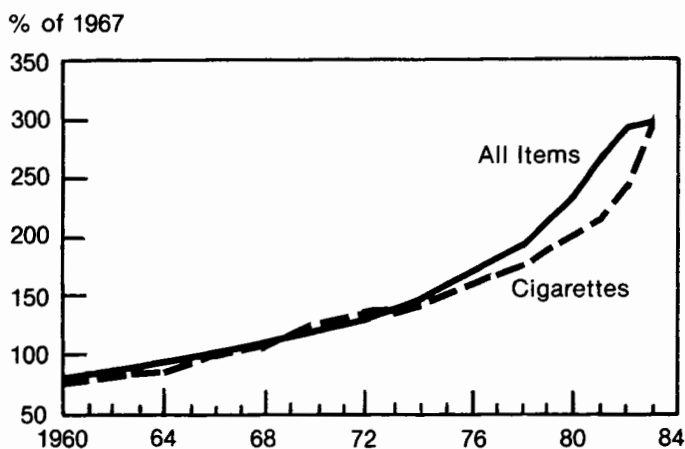


<sup>o</sup>15 mg. "Tar" or less. Federal Trade Commission Data. Latest year estimated.

USDA

Neg. ERS 7143-83(12)

### Consumer Price Index and Cigarette Prices



BLS Data. Beginning 1978 for all urban consumers. Cigarettes, filter tip, king size for 1960-77.

USDA

Neg. ERS 7145-83(12)

**Table 3.—Wholesale cigarette price revisions, 1977-83<sup>1</sup>**

Approximate date of change <sup>3</sup>	Net price per 1000				Net price per 1000 excluding Federal excise tax <sup>2</sup>			
	Standard	King size	Filter tips	100 millimeter	Standard	King size	Filter tips	100 millimeter
<i>Dollars</i>								
August 1977	14.35	14.35	14.35	14.85	10.35	10.35	10.35	10.85
June 1978	15.20	15.20	15.20	15.70	11.20	11.20	11.20	11.70
Dec. 1978	15.75	15.75	15.75	16.25	11.75	11.75	11.75	12.25
June-July 1979	16.30	16.30	16.30	16.80	12.30	12.30	12.30	12.80
Jan. 1980	17.05	17.05	17.05	17.55	13.05	13.05	13.05	13.55
May 1980	17.65	17.65	17.65	18.15	13.65	13.65	13.65	14.15
November 1980	18.50	18.50	18.50	19.00	14.50	14.50	14.50	15.00
April 1981	19.35	19.35	19.35	19.85	15.35	15.35	15.35	15.85
September 1981	20.20	20.20	20.20	20.70	16.20	16.20	16.20	16.70
February 1982	21.20	21.20	21.20	21.70	17.20	17.20	17.20	17.70
Aug.-Sept. 1982 <sup>4</sup>	22.70	23.70	22.70	23.70	18.70	19.70	18.70	19.70
October 1982 <sup>4</sup>	24.20	25.20	24.20	25.20	20.20	21.20	20.20	21.20
November 1982 <sup>4</sup>	25.20	26.20	25.20	26.20	21.20	22.20	21.20	22.20
January 1983 <sup>5</sup>	26.90	27.90	26.90	27.90	18.90	19.90	18.90	19.90
June 1983	28.40	29.40	28.40	29.40	20.40	21.40	20.40	21.40

<sup>1</sup>Includes leading brands. A 3-percent discount is made for payment within 10 days or 2 percent within 14 days. <sup>2</sup>Effective January 1, 1983, the Federal excise tax doubled to \$8.00 per 1,000 cigarettes. <sup>3</sup>For 1940-74, see TS-151, March 1975; for 1974-76, see TS-177, September 1981. <sup>4</sup>Manufacturers increased prices by a different amount. The change shown represents a major manufacturer whose prices are between the highest and lowest. <sup>5</sup>The January price increase brought major manufacturers' prices in line.

eral. The report, summarizing research, notes that cigarette smokers can reduce their risk of heart attacks if they discontinue smoking. The report indicates that pipe and cigar smokers do not appear to experience substantially greater coronary disease risk than nonsmokers if they do not inhale. The 1983 report was the second in a series on the health consequences of smoking. The 1982 report reviewed the association between smoking and cancer.

### Other Tobacco Use Down, Except Snuff

Both production and sales of chewing tobacco declined in the third quarter from a year earlier. Total production for the year is expected to drop from last year's 90 mil-

lion pounds. Snuff production for the first 9 months is about 5 percent above the same period in 1982.

Third-quarter domestic use of smoking tobacco—including imports—was down from a year earlier. For all of 1983, smoking tobacco consumption may drop 2 percent from last year.

Consumption of large cigars (including cigarillos) totaled 2.7 billion during July-September, 3 percent less than a year earlier. The total for the year will likely be down by a similar percentage (table 2). With rising prices, sales of lower-priced cigars have fallen, and a larger proportion of total sales volume has become concentrated in the higher price categories. This pattern is expected to continue in 1984.

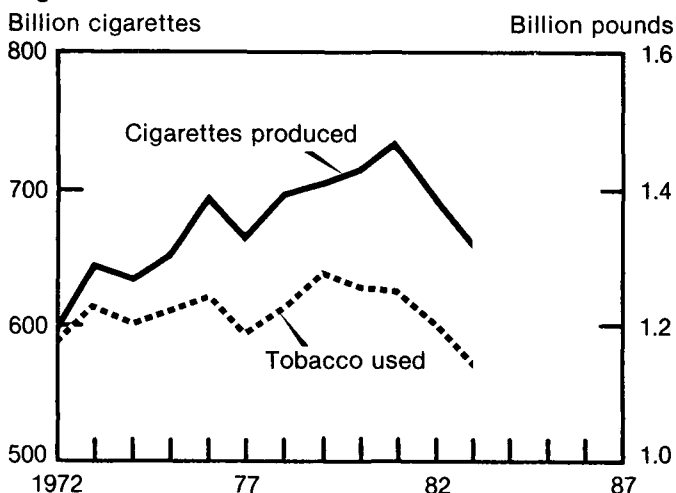
**Table 4.—Tobacco products: Output, 1981-83**

Item	1981	1982 <sup>1</sup>	1983 <sup>2</sup>
<i>Million pounds</i>			
Chewing tobacco			
Plug-firm	11.4	10.5	9.4
Plug-moist	6.5	5.2	4.5
Twist	1.8	1.7	1.7
Loose leaf	70.3	73.0	71.6
Total	90.0	90.4	87.2
Snuff-dry	11.7	10.3	10.1
Snuff-moist	30.8	33.5	36.0
Total	42.5	43.8	46.1
Smoking tobacco in bulk (exports)	7.0	11.1	8.3
Manufactured smoking tobacco (exports)	5.5	8.0	11.8
<i>Millions</i>			
Small cigars	1,393	1,289	1,313

<sup>1</sup>Subject to revision. <sup>2</sup>Estimated.

Basic data compiled from reports of the Bureau of Alcohol, Tobacco, and Firearms, and the Agricultural Marketing Service, USDA.

**Cigarettes Produced and Tobacco Used**



Billion pounds in unstemmed processing weight. 1983 forecast.

USDA

Neg. ERS 3104-83(12)

**U.S. EXPORTS AND IMPORTS**

**Total Exports for 1983 Down**

Exports of unmanufactured tobacco were 5 percent below a year earlier during July-October, but 12 percent below during January-October. A July-September increase in exports from a year earlier probably reflected increased purchases of last year's crop in lieu of the poorer quality 1983 crop. Shipments in the last 2 months of the year may be below November-December 1982. Total 1983 exports will likely be 480 to 500 million pounds, compared with 1982's 572 million (259,000 metric tons, equivalent to 697 million pounds, farm-sales weight) (table 6).

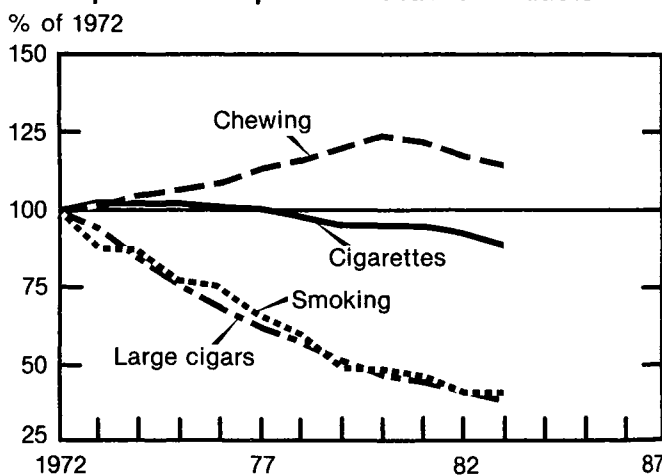
**Table 5.—U.S. cigarette exports to leading destinations, 1982-83**

Country	1982	January-October	
		1982	1983 <sup>1</sup>
<i>Billions</i>			
Belgium-Luxembourg	15.7	13.7	10.9
Hong Kong	7.7	6.1	5.8
Netherlands Antilles	3.6	3.3	1.2
Japan	4.8	3.6	4.3
Saudi Arabia	5.5	4.1	4.8
Spain	1.1	.9	.7
Kuwait	1.4	1.1	1.3
United Arab Emirates	.6	.5	1.2
Canary Islands	.7	.6	.4
Columbia	1.5	1.3	.7
Other countries	31.0	26.7	19.0
Total	73.6	61.9	50.3

<sup>1</sup>Subject to revision.

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

**Per Capita Consumption of Tobacco Products**



1982 preliminary. Per male 18 and over, except cigarettes per person 18 and over. Data prior to 1979 do not include results of 1980 census.

USDA

Neg. ERS 3105-83(11)

Calendar 1984 exports are expected to fall again. The strong U.S. dollar, high U.S. prices, weaker demand, and large overseas supplies at prices attractive to foreign manufacturers will limit U.S. sales.

The January-October 1983 decline in exports was registered for both flue-cured and burley, the major export classes. Kentucky-Tennessee fire-cured exports declined slightly, while Virginia fire- and sun-cured dropped sharply. Dark air-cured and cigar exports also declined, but Maryland exports rose sharply. Among major U.S. markets, both Asian and African markets took less, while Europe, outside the European Community (EC), took more. However, the EC countries took a little less (tables 5 and 6). Exports under

USDA-financed programs this past fiscal year were nil (table 7).

manufactured" category. Cigar scrap purchases declined, reflecting weaker demand for cigars.

### Imports Jump

Through October 1983, U.S. tobacco imports for consumption (duty paid) were 34 percent above a year earlier (table 8). Sharp increases occurred in flue-cured and burley cigarette leaf and in the "manufactured or not

Part of this year's sharp rise in imports, especially in July and August, was due to increased purchases in anticipation of a tariff reclassification of certain tobacco. Last July 12, the Customs Service announced that some imported cigarette tobacco that had been mechanically threshed or shredded would be reclassified as stemmed

**Table 6.—United States exports of unmanufactured tobacco by types and to principal importing countries, 1979-83**  
(Declared weight)

Type & country	1979	1980	1981	1982 <sup>1</sup>	January-October		1983 as a % of 1982
					1982	1983 <sup>1</sup>	
<i>Million pounds</i>							<i>Percent</i>
<b>Type</b>							
Flue-cured	370.6	391.1	386.3	348.4	245.7	200.3	82
Burley	82.1	90.8	74.1	103.6	93.8	83.5	89
Maryland	6.0	7.1	7.3	6.7	5.5	7.4	135
Fire-cured, Ky. and Tenn.	13.7	14.6	16.3	18.8	14.2	13.9	98
Virginia fire & sun-cured	3.1	2.9	1.5	2.7	2.7	.6	22
Green River & One-Sucker	.2	.1	.2	.2	.2	.1	50
Black Fat	3.2	2.6	2.5	2.2	2.2	1.4	64
Cigar wrapper	5.3	4.2	2.5	1.1	.9	.6	67
Cigar binder	.1	.2	.1	.1	.1	.1	100
Cigar filler	.2	.2	.5	.2	.2	.3	150
Perique	.1	.1	.1	.1	.	.4	—
Stems, trimmings & scrap	77.2	77.5	83.8	78.1	54.0	52.9	98
Other unmanu. NEC <sup>2</sup>	5.7	7.2	9.3	9.8	8.2	12.7	155
<b>Total</b>	<b>567.4</b>	<b>598.7</b>	<b>584.5</b>	<b>572.0</b>	<b>427.7</b>	<b>374.2</b>	<b>87</b>
<b>Country of destination</b>							
United Kingdom	68.2	32.5	39.4	30.7	24.0	20.9	87
France	11.5	4.5	6.1	5.3	4.2	5.3	126
Belgium-Luxem.	5.4	7.9	9.5	15.2	9.0	8.2	91
Netherlands	29.3	44.9	28.6	25.1	21.7	22.3	103
West Germany	67.7	100.7	83.2	68.2	54.8	48.9	89
Denmark	16.4	17.5	11.1	16.8	13.7	16.1	118
Ireland	6.9	3.6	3.9	4.7	3.9	2.4	62
Italy	34.8	30.7	26.5	28.1	27.3	31.5	115
<b>Total EC</b>	<b>240.2</b>	<b>242.2</b>	<b>208.4</b>	<b>194.0</b>	<b>158.6</b>	<b>155.6</b>	<b>98</b>
Switzerland	19.3	20.1	22.2	26.7	18.0	13.6	76
Finland	7.0	9.5	11.0	6.0	5.0	5.0	100
Norway	5.7	6.8	4.2	3.6	3.4	5.3	156
Sweden	13.7	15.4	9.9	8.7	7.1	8.8	124
Spain	1.0	28.7	33.4	31.8	27.4	32.9	120
Thailand	18.8	22.6	18.4	27.7	27.7	9.1	33
Rep. of Korea	13.1	13.6	10.7	1.1	1.1	0	0
Malaysia	8.4	8.4	6.9	9.7	7.7	6.3	82
Philippines	11.4	11.5	11.2	15.2	14.3	10.9	76
Taiwan	41.4	14.1	22.3	21.3	2.5	0	0
Japan	95.9	82.1	117.0	110.3	57.5	48.2	84
Australia	12.4	13.4	12.6	10.1	7.3	6.4	88
New Zealand	4.0	3.7	3.5	4.1	3.1	1.5	48
Egypt	3.8	17.4	16.1	22.0	22.0	19.2	87
Other countries	71.3	89.2	76.7	79.7	65.0	51.4	79
<b>Total</b>	<b>567.4</b>	<b>598.7</b>	<b>584.5</b>	<b>572.0</b>	<b>427.7</b>	<b>374.2</b>	<b>87</b>

<sup>1</sup>Preliminary. <sup>2</sup>New classification, January 1, 1978. Previously included in manufactured in bulk.

\* Less than 50,000 pounds. Detail may not add to total due to rounding.

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

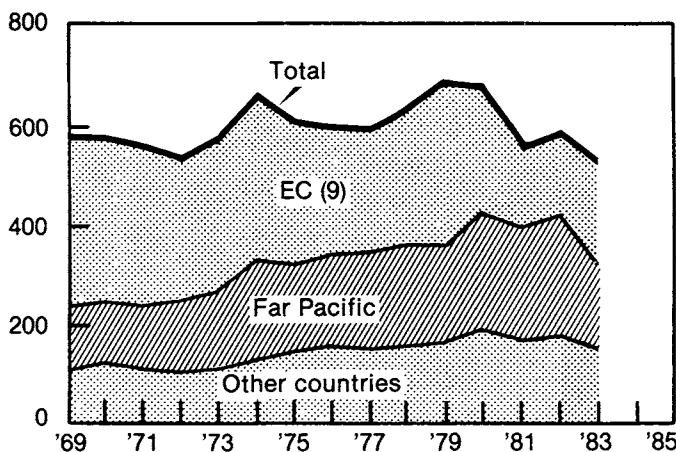
**Table 7.—Exports of unmanufactured tobacco under Government-financed programs and commercial sales, fiscal years 1979-83**

Year ending September 30	Government-financed exports			Commercial exports			Total unmanufactured tobacco exports
	Long-term dollar credit sales Title I, P.L. 480	Mutual Security and AID	Total	Dollar sales		Total	
				CCC short- term credit	Other		
<i>Quantity (export weight)</i>							
<i>Million pounds</i>							
1979	3.3	9.0	12.3	31.3	588.8	620.1	632.4
1980	1.0	14.1	15.1	12.1	596.1	608.2	623.3
1981	—	11.7	11.7	—	544.1	544.1	555.8
1982	—	2.6	2.6	—	588.4	588.4	561.0
1983 <sup>1</sup>	—	5.5	5.5	—	535.4	535.4	540.9
<i>Value</i>							
<i>Million dollars</i>							
Year ending Sept. 30							
1979	6.7	22.0	28.7	69.1	1,194.4	1,263.5	1,292.2
1980	2.7	35.3	38.0	31.4	1,274.2	1,305.6	1,330.8
1981	—	19.5	19.5	—	1,319.0	1,319.0	1,338.5
1982	—	7.7	7.7	—	1,478.8	1,478.8	1,486.5
1983 <sup>1</sup>	—	17.6	17.6	—	1,469.6	1,469.6	1,487.2

<sup>1</sup>Subject to revision. For 1960-76 data see TS-157, September 1976, p.14.

### Export Markets for U.S. Tobacco

Mil. lb.



Unmanufactured, declared weight, year ending June 30.

USDA

Neg. ERS 487-83(12)

cigarette leaf— item 170.3500 on the tariff schedule of the United States (TSUS). The change, effective August 28, raised the duty from 17.5 cents to 32 cents per pound, and applied to all merchandise entered for consumption or withdrawn from warehouses for consumption on or after that date.

Imports for consumption may decline next year. However, the decline will likely be small, since foreign-grown tobacco is cheaper than U.S. and supplies are ample.

January-October 1983 arrivals of tobacco (general imports) were 17 percent below the year-earlier level.

Cigarette and cigar leaf, scrap, and tobacco manufactured or not manufactured all declined.

U.S. stocks of foreign-grown cigarette and smoking tobacco rose during the past 12 months. On October 1, 1983, stocks totaled 885 million pounds (farm-sales weight), 1 percent above a year earlier. Nearly three-fifths of the foreign-grown stocks consisted of flue-cured and burley.

### 1983 TOBACCO LEGISLATION

Legislation signed on July 25 froze 1983 tobacco price supports at their 1982 levels (PL 98-59). The legislation also included two provisions dealing specifically with burley. One allows the Secretary of Agriculture to reduce burley quotas by as much as 10 percent in any one year, if necessary, to control overproduction; previously the maximum reduction permitted was 5 percent. The second provision directs that under either of two conditions, the Secretary should determine whether imports are interfering with the U.S. price-support and production-control program. These conditions are (1) if the support price is frozen or increased by less than 65 percent of the amount estimated under the current formula or (2) if stocks of burley tobacco under loan exceed 20 percent of the marketing quota. Since both conditions currently exist, an interagency committee in USDA has been formed to ascertain whether or not there has been interference. If the study indicates that there has been, corrective action will be recommended to the President.

On November 29, further legislation (PL 98-180) was signed making more extensive changes in the price-support and production-control program. This legislation includes the following provisions:



**Table 8.—U.S. imports of unmanufactured tobacco for consumption and general imports, principal categories, and countries of origin, 1982, and January-October 1982/83 (declared weight)<sup>1</sup>**

Classification and country of origin	Imports for consumption				General imports (arrivals)			
	Year 1982	January-October		1983 as a percentage of 1982	Year 1982	January-October		1983 as a percentage of 1982
		1982	1983			1982	1983	
	<i>Million pounds</i>		<i>Percent</i>		<i>Million pounds</i>		<i>Percent</i>	
<b>Cigarette tobacco</b>								
<b>Leaf</b>								
Oriental								
Turkey	102.8	89.2	97.2	109	126.8	105.3	97.3	92
Greece	25.2	21.6	26.6	123	29.5	29.4	31.4	107
Yugoslavia	10.2	9.0	8.1	90	11.0	10.9	14.9	137
Other countries	35.8	28.2	27.1	96	40.6	24.9	20.9	84
Flue-cured	9.7	8.0	9.7	121	16.6	15.0	11.4	76
Burley	6.9	6.1	9.4	154	27.3	26.4	25.4	96
Other	2.1	2.0	6.8	340	1.4	1.5	9.9	660
Subtotal	192.7	164.1	184.9	113	253.2	213.4	211.2	99
<b>Manufactured or not manufactured, NSPF, other</b>								
Brazil	38.6	32.6	81.9	251	74.8	72.9	54.8	75
Korea, Republic of	17.3	14.5	24.9	171	13.7	13.0	11.0	85
Mexico	6.0	5.3	20.2	381	4.6	4.1	3.2	78
Other	48.9	38.5	80.5	209	81.6	72.2	38.5	53
Subtotal	110.8	90.9	207.5	228	174.7	162.2	107.5	66
<b>Scrap<sup>2</sup></b>								
Brazil	1.3	1.2	1.2	100	.5	.5	.8	160
Korea, Republic of	.1	.1	.1	100	.5	.5	.4	80
Italy	.2	.2	.3	150	.6	.5	.2	40
Mexico	.6	.5	.2	40	.2	.2	.1	50
Turkey	7.9	8.0	4.3	54	12.3	12.4	7.3	59
Other countries	9.1	6.9	4.3	62	6.5	5.7	5.3	93
Subtotal	19.2	16.9	10.4	62	20.6	19.8	14.1	71
<b>Total cigarette tobacco</b>	<b>322.7</b>	<b>271.9</b>	<b>402.8</b>	<b>148</b>	<b>448.5</b>	<b>395.4</b>	<b>332.8</b>	<b>84</b>
<b>Cigar tobacco</b>								
Wrapper	1.7	1.5	1.8	120	2.4	2.0	2.6	130
Filler-stemmed and unstemmed								
Dominican Republic	1.1	1.0	.1	10	5.7	5.3	2.8	53
Other countries	2.4	2.2	2.5	114	12.9	11.7	11.7	100
Subtotal	3.5	3.2	2.6	81	18.6	17.0	14.5	85
<b>Scrap</b>								
Philippines	7.9	7.0	4.4	63	5.4	4.9	3.9	80
Indonesia	6.4	5.5	4.7	85	6.2	5.5	4.1	75
Dominican Republic	5.1	4.4	3.5	80	1.5	1.3	1.4	108
Brazil	3.7	2.7	2.3	85	1.2	.7	2.8	400
Other countries	16.2	13.6	14.8	109	17.9	13.1	14.4	110
Subtotal	39.3	33.2	29.7	89	32.2	25.5	26.6	104
<b>Total cigar tobacco</b>	<b>44.5</b>	<b>37.9</b>	<b>34.1</b>	<b>90</b>	<b>53.2</b>	<b>44.5</b>	<b>43.7</b>	<b>98</b>
<b>Stems</b>	<b>39.0</b>	<b>35.9</b>	<b>26.1</b>	<b>73</b>	<b>47.9</b>	<b>44.7</b>	<b>24.9</b>	<b>56</b>
<b>GRAND TOTAL</b>	<b>406.2</b>	<b>345.7</b>	<b>463.0</b>	<b>134</b>	<b>549.6</b>	<b>484.6</b>	<b>401.4</b>	<b>83</b>

<sup>1</sup>Preliminary. <sup>2</sup>Includes minor quantities for smoking tobacco, chewing tobacco, and snuff. Detail may not add to total due to rounding.

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

**Table 9.—U.S. tobacco: Acreage and yield, 1981-83**

Type	Acreage harvested			Change from 1982	Yield per acre			Change from 1982
	1981	1982	1983 <sup>1</sup>		1981	1982	1983 <sup>1</sup>	
	1,000 acres			Percent	Pounds			Percent
<b>Flue-cured</b>								
11-Old and Middle Belt, VA.-N.C.	202.0	159.0	146.0	-8.2	2,124	1,981	1,778	-10.2
12-Eastern N.C.	162.0	156.0	127.0	-18.6	2,170	2,270	2,020	-11.0
13-S.C.-Border N.C.	112.0	99.0	91.0	-8.1	2,191	2,129	2,066	-3.0
14-Georgia-Florida	64.6	59.3	53.4	-9.9	2,227	2,133	2,124	-0.4
Total	540.6	473.3	417.4	-11.8	2,164	2,126	1,959	-7.9
Burley, type 31	331.2	340.3	290.4	-14.7	2,203	2,379	1,559	-34.5
Total, all types 11-72	976.0	907.8	793.2	-12.6	2,114	2,183	1,744	-20.1

<sup>1</sup>November 1 indications estimated with State funds, except for burley which is December 1 and a national estimate.

**Table 10—Imported foreign-grown cigarette leaf stocks, by quarters, 1974-83<sup>1</sup>**

Year	Jan. 1	April 1	July 1	Oct. 1	Jan. 1	April 1	July 1	Oct. 1
Million pounds								
<i>Foreign-grown flue-cured</i>				<i>Foreign-grown oriental and aromatic</i>				
1974	38	44	47	54	355	374	383	350
1975	53	49	70	70	377	412	415	380
1976	74	73	72	101	361	431	416	405
1977	100	102	109	117	397	365	362	347
1978	117	120	130	132	344	364	345	295
1979	132	133	147	157	326	359	366	350
1980	153	148	166	166	343	342	367	336
1981	152	140	161	167	316	332	324	320
1982	152	141	200	222	337	395	403	367
1983	177	207	213	237	366	408	422	377
<i>Foreign-grown burley</i>				<i>Total imported cigarette leaf</i>				
1974	49	59	67	88	442	477	497	493
1975	118	107	145	136	548	567	623	587
1976	134	124	132	141	568	628	619	646
1977	139	132	127	138	637	599	598	602
1978	140	136	150	174	601	619	625	601
1979	172	163	171	188	630	655	684	696
1980	187	192	213	216	683	683	746	719
1981	208	211	244	265	676	684	729	752
1982	272	263	271	290	760	799	874	879
1983	282	286	271	271	856	902	906	885

<sup>1</sup>Farm sales weight.

- Flue-cured price supports for 1984 are again frozen at the 1982 level. Supports will be frozen again in 1985 if the 3-year moving average index of prices paid by farmers (including wage rates, interest, and taxes) increases less than 5 percent. Then, beginning in either 1985 or 1986, the price support will move up or down from year to year based on the current formula, and the Secretary of Agriculture retains authority to approve as little as 65 percent of any increase called for by the formula in any given year.
- In 1984, the support price for burley and other types will be set so as not to narrow the normal price support differential between them and flue-cured. Again in 1985, the support price for dark-fired, dark air-cured, and cigar tobacco will be based on the traditional differential between those kinds and flue-cured. Beginning in 1985 for burley

and in 1986 for other kinds, determination of the support level will revert to the formula in existing law, including the authority of the Secretary to approve as little as 65 percent of the increase called for by the formula.

- The Secretary of Agriculture, if so requested by the flue-cured Stabilization Cooperative, will have the authority to reduce price supports on less marketable grades of flue-cured tobacco. These price-support reductions cannot occur for more than 25 percent of the total flue-cured crop. The reductions cannot exceed 12 percent of the support rate that would otherwise be established. The reductions are not included in determining the weighted average support rates for eligible grades of flue-cured tobacco.
- Lease and transfer of flue-cured quota will be abolished beginning in 1987. For the 1985 and 1986

crops, payment for leasing must be made after the tobacco is marketed. Beginning in 1987, flue-cured quota owners can (1) grow the quota on land to which the quota is assigned, (2) rent the quota to an active grower who will produce the crop on the land to which the quota is assigned (although rental payments cannot be required until after the crop is sold), or (3) sell the quota to an active grower in the county. The seller must allow the buyer up to 5 years to pay for the quota.

- Beginning in 1984, no more than 15,000 pounds of burley quota can be transferred to a single farm, instead of the current 30,000.
- Imported tobacco, except for Oriental and cigar tobacco, must be inspected for grade and quality to the extent feasible. Imported cigar and Oriental tobacco must be accompanied by a certificate stating the kind and type of tobacco and—in the case of cigar tobacco—the intended end use of the product.

Other provisions include giving the flue-cured Stabilization Cooperative greater flexibility in using no-net-cost funds to reduce loan stocks. Also, the new legislation increases the amount of quota authorized for new flue-cured growers and eliminates the requirement that quota holders who lease or rent out quotas pay the same amount as growers into the no-net-cost fund. For burley tobacco, leasing of quota is prohibited after July 1 of the crop year for which the lease applies; further, when two or more tracts of land are located in contiguous counties, the burley quotas can now be combined and operated as a single farming unit.

The legislation extends the deadline for sale of tobacco quotas by nonfarming entities from December 1, 1983, to December 1, 1984. Exemptions from the mandatory sales provisions are expanded to include partnerships, family farm corporations, trusts, and estates or similar arrangements where individuals are the beneficiaries. Educational institutions which use flue-cured or burley quotas for instruction or demonstration purposes are also excluded. Beginning in 1986, the new law requires forfeiture of any flue-cured quota assigned to a farm on which tobacco has not been planted (or considered planted) during at least 2 of the last 3 years. The latest permitted announcement date for flue-cured quota levels has been changed to December 15, from December 1.

## TOBACCO LEAF<sup>1</sup>

### 1983 Marketings and Cash Receipts Down Sharply

U.S. tobacco production in 1983 is likely to be 30 percent below 1982 and the smallest since 1941. Both flue-cured and burley had lower effective quotas than in 1982. Total acreage, 13 percent less than last year, was the lowest since 1889. Average yield for all tobacco was down 20 percent. Severe drought in July and August reduced burley yields 34 percent; flue-cured yields were down 8 percent (table 9). Because of the drought, too, the quality of the 1983 crop declined from last year.

<sup>1</sup>All quantities in this section are stated in farm-sales weight equivalent, unless otherwise noted.

The smaller flue-cured crop has lowered supplies of that type about 3 percent. Burley supplies have declined about 5 percent.

Prices for all tobacco this season will likely average around 1 cent a pound less than last season, because of weaker demand and lower quality. The volume placed under loan will be smaller than in 1982, but it still represents a large proportion of the crop. With lower prices and the smaller crop, cash receipts from 1983 tobacco marketings will fall sharply from a year ago.

The 1984 national basic quota for flue-cured tobacco is 11-1/2 percent below 1983. When the underquota marketings from the 1983 crop are added, the effective quota (the sum of individual farm quotas) is down 6 percent. The national acreage allotment was set at 404,726 acres, 11-1/2 percent below 1983.

By February 1, USDA will announce the 1984 marketing quotas and acreage allotments for burley and several other kinds of tobacco. Shortly after that announcement, growers of Ohio filler and Wisconsin and Connecticut binder types will vote for or against marketing quotas on their next three crops. If at least two-thirds of those voting approve, marketing quotas will be in effect. Producers of flue-cured, burley, fire-cured, and dark air-cured types approved marketing quotas for the 1984 crop in previous referenda.

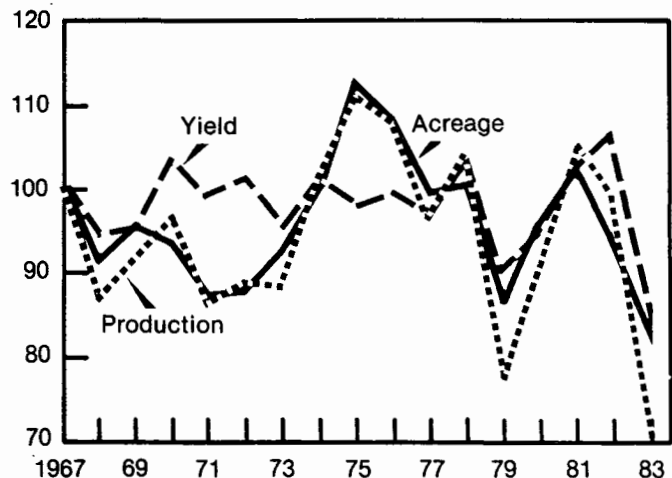
### Price Support Again Set at 1982 Level

Price supports for flue-cured are frozen at the 1982-83 level and the Secretary of Agriculture has the authority to freeze supports on other types of tobacco under legislation signed November 29. USDA usually announces individual grade loan rates just before the opening of the various marketing seasons.

The required contributions to the no-net-cost fund or account for tobacco marketed in 1983 range from 2 to 7 cents a pound. The contribution varies from 2 to 4 cents a pound for fire-cured, dark air-cured, and cigar types.

### Tobacco Acreage, Yield and Production

% of 1967



Latest year projected.

USDA

Neg. ERS 8149-83(12)

**Table 11.—Flue-cured and burley tobacco: Marketing quota and marketings, 1974-84**

Year	Quota		Marketings			Effective underquota <sup>1</sup>	Net carryover <sup>2</sup>
	Basic	Effective	Actual	Over-quota	Under-quota		
<i>Million pounds</i>							
<i>Flue-cured, types 11-14</i>							
1974	1,296.6	1,337.1	1,245.3	50.0	138.9	132.4	82.5
1975	1,491.4	1,572.3	1,414.6	50.9	203.2	192.3	141.0
1976	1,268.1	1,409.1	1,316.0	49.4	139.9	130.2	80.8
1977	1,116.5	1,197.3	1,124.2	42.6	115.2	106.9	64.3
1978	1,117.2	1,181.5	1,205.9	65.6	43.9	41.8	-26.4
1979	1,094.9	1,068.5	973.8	24.8	118.8	117.0	92.2
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 <sup>3</sup>	910.5	886.7	854.7				30.0
1984 <sup>4</sup>	805.0	835.0					
<i>Burley, type 31</i>							
1974	606.5	706.8	610.4	23.0	118.9	104.0	81.0
1975	669.5	750.4	639.9	21.8	127.5	113.4	91.6
1976	634.8	726.4	663.6	33.1	96.2	82.3	49.2
1977	636.2	683.4	612.6	27.2	99.0	80.8	53.6
1978	614.2	667.8	614.2	31.5	88.2	67.6	36.1
1979	614.2	647.8	472.2	12.2	188.6	168.8	155.2
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	104.2
1982 <sup>3</sup>	680.3	777.8	776.7	46.8	50.9	41.2	-5.6
1983 <sup>4</sup>	646.6	641.0					

<sup>1</sup>Underquota marketings less ineligible carryover. <sup>2</sup>Effective underquota marketings less overquota marketings. <sup>3</sup>Subject to revision. <sup>4</sup>Preliminary.

Compiled from records and reports of Price Support and Loan Division, ASCS.

**Table 12.—Flue-cured tobacco: Gross sales (including resales), average prices, and loan receipts by belt, 1979-83**

Marketing season	Old and Middle Belt, type 11	Eastern N.C. Belt, type 12	N.C. Border and S.C. Belt, type 13	Ga.-Fla. Belt, type 14	All belts
<i>Million pounds</i>					
Gross Sales					
1979	319	343	219	138	1,019
1980	321	456	245	144	1,166
1981	413	397	266	158	1,234
1982	312	384	226	139	1,061
1983 <sup>1</sup>	260	295	207	127	889
<i>Cents</i>					
Average price per pound					
1979	140.0	139.2	141.6	139.8	140.1
1980	143.2	147.5	143.3	140.5	144.6
1981	163.8	169.9	166.9	163.6	166.4
1982	178.4	180.1	175.5	179.4	178.6
1983 <sup>1</sup>	170.7	181.7	181.1	178.6	177.9
<i>Million pounds</i>					
Receipts under loan					
1979	25.1	25.7	12.3	6.6	69.8
1980	45.2	45.9	30.0	16.1	137.2
1981	48.4	33.8	12.2	11.4	105.9
1982	67.3	123.6	54.7	14.3	259.9
1983 <sup>1</sup>	73.4	48.1	22.4	19.2	163.1
<i>Percent</i>					
Percentage of producer sales under loan					
1979	8.5	8.1	6.2	5.4	7.5
1980	15.0	10.8	13.4	12.2	13.1
1981	12.5	9.2	5.0	7.9	9.3
1982	23.0	34.4	26.4	11.3	26.3
1983 <sup>1</sup>	30.5	17.7	11.9	16.8	20.0

<sup>1</sup>Preliminary.

Compiled from records and reports of Tobacco Division, Agricultural Marketing Service.

For burley, it is 5 cents, and for flue-cured it was 7 cents. Rates for 1984 have not been established.

## Flue-Cured

### 1983 Auction Prices Decline

Prices for the 1983 flue-cured crop declined slightly, compared with a 7-percent gain a year ago. With volume smaller, the crop value declined about a fifth from a year earlier. Loan placements were down. Considering purchases from both the crop and Stabilization stocks, industry takings were down from last season.

With demand for lower stalk tobacco weak, early-season prices averaged below a year earlier. The average price for all flue-cured tobacco belts moved up in late August, September, and early October because of stronger

### Foreign Leaf Production Declines

Global leaf production for 1983 is forecast at 13.1 billion pounds (5.94 million metric tons), 14 percent below last year's 15.2 billion (6.88 million metric tons). More than half the decline occurred because of a sharp reduction in flue-cured production in China. The United States, Brazil, and Korea also reduced flue-cured output. Burley production declined in the United States, Korea, and Mexico, but not in the other major burley-producing countries. Cigar, fire-cured, dark air-cured, and Oriental production all declined as well.

**Table 13.—Flue-cured tobacco: Farm marketings by belt and across-belts, 1983<sup>1</sup>**

States and belt	Total farm marketings	Sold in—				Total sold out of belt	
		Ga.-Fla. 14	S.C.-N.C. 13	N.C. 12	N.C.-Va. 11	Amount	Percent of sales
<i>Million pounds</i>							
Ga.-Fla., 14	114.6	113.8	0	0	.1	.1	0.0
S.C.-N.C., 13	187.7	.8	179.7	3.5	3.3	7.6	4.0
N.C., 12	271.7	(2)	4.5	244.5	4.4	8.9	3.3
N.C.-Va., 11	240.4	0	3.4	23.7	232.6	27.1	11.3
Sales from out of belt	—	.8	7.9	27.2	7.8	—	—
Total <sup>3</sup>	814.4	114.6	187.7	271.7	240.4	43.7	5.4
<i>Sales from out of belt as percentage of belt sales</i>							
<i>Percent</i>							
	5.4	.7	4.2	10.0	3.3	—	—

<sup>1</sup>Preliminary. <sup>2</sup>Less than 50,000 pounds. <sup>3</sup>Details may not add to total because of rounding.

Compiled from records and reports of Analysis Division, ASCS.

**Table 14.—Flue-cured tobacco: Percentage distribution of marketings by group and qualities, 1978-83 crops**

Crop year	B-leaf	H-S leaf	C-Cutters	X-Lugs	P-Primings	N-Non-descript	Misc.	
<i>Percent</i>								
<i>GROUP</i>								
1978	58.2	1.6	10.1	14.4	8.5	6.0	1.2	
1979	58.5	1.4	9.7	16.6	8.5	4.3	1.0	
1980	53.1	.7	7.9	17.8	8.2	11.3	1.0	
1981	58.1	.9	8.2	16.5	9.7	5.8	.8	
1982	56.9	.8	13.7	15.4	9.3	2.9	1.0	
1983 <sup>1</sup>	57.0	.4	11.2	16.6	10.4	3.9	.5	
<i>QUALITY</i>								
	1-Choice	2-Fine	3-Good	4-Fair	5-Low	6-Poor	Nondescript	Misc.
1978	—	.5	13.1	50.7	25.1	3.4	6.0	1.2
1979	—	.5	14.0	55.6	22.1	2.5	4.3	1.0
1980	—	.2	5.8	42.2	30.3	9.3	11.3	.9
1981	—	.3	9.0	51.0	28.6	4.5	5.8	.8
1982	—	.4	14.5	58.0	21.5	1.7	2.9	1.0
1983 <sup>1</sup>	—	.4	13.1	53.9	24.4	3.8	3.9	.5

<sup>1</sup>Preliminary.

Compiled from records and reports of Tobacco Division, AMS.

**Table 15.—U.S. flue-cured exports to principal countries 1981-83 (export weight)**

Country	1981	July-October 1982	1983
<i>Million pounds</i>			
United Kingdom	13	10	11
West Germany	18	15	11
Japan	25	26	12
Netherlands	5	2	4
Ireland	2	2	1
Italy	2	2	2
Australia	2	2	2
Belgium	1	4	2
Denmark	3	3	4
Spain	9	8	9
Switzerland	2	5	1
Sweden	4	3	5
Egypt	1	3	8
Philippines	2	4	2
Taiwan	0	0	0
Other	29	17	14
<b>Total</b>	<b>119</b>	<b>106</b>	<b>88</b>

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

demand for upper stalk tobacco, which carries higher support rates. Prices declined the last few weeks of the season as lower-quality tobacco from the more northern areas was sold.

Compared with the 1982 season, prices of leaf, cutters, lugs, and primings were higher for North Carolina types 12 and 13 and South Carolina type 13, and nondescript grades were lower. In the Georgia-Florida type 14 area, leaf prices were up while other prices were down. In the Virginia-North Carolina type 11 area, ripe leaf, cutter, and lug prices averaged higher, while unripe leaf, primings, and nondescript averaged lower. The season-average price for gross sales (including resales) was \$1.78 a pound—down 1 cent from last year. Average

prices were down in the type 11 and 14 belts, but were up in type 12 and 13 belts. Among the 85 markets, season averages ranged from \$1.60 to \$1.93 a pound.

Because of the lower effective quota, producer marketings totaled around 855 million pounds, about 140 million less than in 1982. The total includes 37 million pounds of 1982-crop tobacco that was overquota and was carried over.

#### Quality Declines

Crop quality declined because of poor growing conditions. There was a smaller proportion of fair and good grades in 1983 and more low, poor, and nondescript tobacco. The share of leaf and cutters declined and there was a smaller amount of ripe or mature kinds and more variegated or green tobacco (table 14).

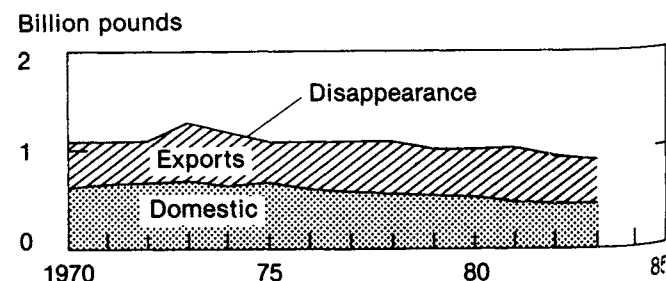
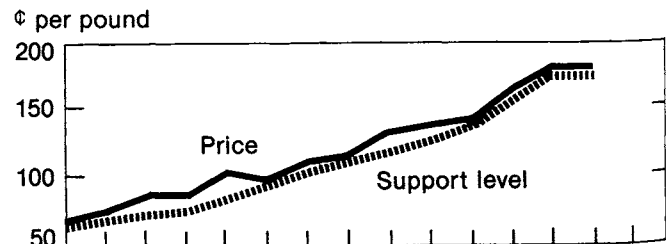
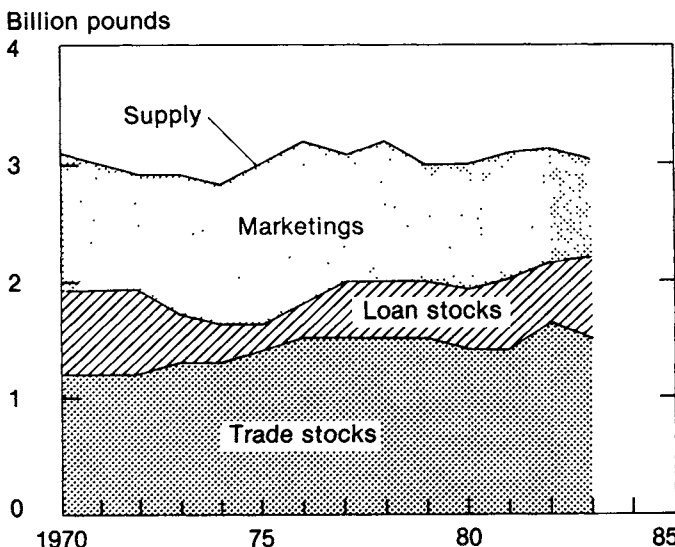
Loan volume was 23 percent of sales (including carry-over), down from 26 percent in 1982. Twenty percent of the 1983 crop was placed under loan. Lug and leaf grades dominated the loan receipts.

#### Auction Sales Ended November 17

Sales in the Georgia-Florida area opened July 27, 2 weeks later than usual, but still ahead of crop maturation. The opening was delayed so that legislation to freeze price supports could be implemented. But despite the smaller crop, the late maturity meant sales ended November 17, about the same date as usual.

The sales opportunity averaged about 85 million pounds weekly, about the same as last year, and resale allowance for warehouses remained at 10 percent. Again this season, growers designated a warehouse for the sale of their crop, and the USDA Flue-Cured Tobacco Advisory Committee recommended opening dates and selling schedules. A buyer rotation plan was used, and selling times were allocated according to grower designations. Growers

### Flue-Cured Tobacco: Supply, Price, Use



1982 subject to revision. Trade stocks include manufacturers' and dealers'. Crop year beginning July 1. 1983; forecast.

USDA

Neg. ERS 3106-83(12)

**Table 16—Flue-cured tobacco, types 11-14, and burley tobacco, type 31: Acreage, yields, production, carryover, supply, disappearance, season average price, and price support operations, 1973-83 (farm-sales weight)**

Marketing Year <sup>1</sup>	Acreage Harvested <i>Thousand acres</i>	Yield per acre <i>Pounds</i>	Marketings <sup>2</sup>	Beginning stocks <sup>1</sup>			Total supply	
				Manufacturers and others	Under loan	Total		
				<i>Million pounds</i>				
Flue-cured, types 11-14								
1974	616.3	2,014	1,245.1	1,330.6	276.7	1,607.3	2,852.4	
1975	717.2	1,973	1,414.7	1,471.9	179.9	1,651.8	3,066.5	
1976	666.6	1,974	1,316.0	<sup>3</sup> 1,539.1	359.2	<sup>3</sup> 1,898.3	3,214.3	
1977	589.3	1,917	1,124.2	1,517.6	556.9	<sup>4</sup> 2,075.0	3,199.2	
1978	602.1	2,046	1,205.9	1,517.9	534.0	<sup>4</sup> 2,051.9	3,257.8	
1979	502.8	1,881	945.8	1,510.8	564.0	2,074.8	3,020.6	
1980	555.1	1,957	1,086.1	1,411.0	554.4	1,965.4	3,051.5	
1981	540.6	2,162	1,144.3	1,416.8	595.8	2,012.6	3,156.9	
1982	473.3	2,126	993.8	1,626.4	518.7	2,145.1	3,138.9	
1983 <sup>5</sup>	417.4	1,959	854.7	1,516.6	688.4	2,205.0	3,059.7	
1984 <sup>6</sup>						2,149.7		
Burley, type 31								
1974	260.7	2,350	610.4	931.5	139.2	1,070.7	1,681.1	
1975	282.2	2,265	638.3	1,082.4	12.0	1,094.4	1,732.7	
1976	285.8	2,376	663.8	<sup>3</sup> 1,115.3	44.8	<sup>3</sup> 1,160.1	1,823.7	
1977	268.6	2,298	612.5	1,162.3	54.9	<sup>4</sup> 1,217.2	1,829.7	
1978	261.4	2,396	617.6	1,087.0	113.5	<sup>4</sup> 1,218.4	1,836.0	
1979	238.1	1,873	445.8	1,056.3	155.4	1,211.7	1,657.5	
1980	276.6	2,027	557.5	959.5	66.3	1,025.8	1,583.3	
1981	331.2	2,203	725.6	1,000.2	0	1,000.2	1,725.8	
1982	340.3	2,379	776.7	1,120.2	.7	1,120.9	1,897.6	
1983 <sup>5</sup>	290.4	1,559	485.8	1,092.6	226.1	1,318.7	1,804.5	
1984 <sup>6</sup>						1,239.5		
		Disappearance		Average price per pound	Price support level	Placed under loan		
	Total	Domestic	Exports			Quantity	Percentage of crop	
		<i>Million pounds</i>		<i>Cents</i>		<i>Million pounds</i>		<i>Percent</i>
Flue-cured, types 11-14								
1973	1,301.0	703.0	598.0	88.1	76.6	30.7	2.7	
1974	1,200.6	652.3	548.3	105.0	83.3	23.0	1.9	
1975	1,193.1	670.6	522.5	99.8	93.2	259.0	18.4	
1976	1,148.2	634.0	514.2	110.4	106.0	277.3	21.0	
1977	1,147.3	608.2	539.1	117.6	113.8	195.6	17.3	
1978	1,182.8	584.1	598.7	135.0	121.0	64.1	5.3	
1979	1,083.2	563.2	520.0	140.0	129.3	72.0	7.4	
1980	1,038.5	529.6	508.9	144.5	141.5	137.2	12.6	
1981	1,011.7	488.8	522.9	166.4	158.7	105.9	9.3	
1982	934.5	478.5	456.0	178.5	169.9	258.9	26.0	
1983	<sup>6</sup> 910.0	<sup>6</sup> 465.0	<sup>6</sup> 445.0	177.9	169.9	<sup>7</sup> 194.8	<sup>7</sup> 22.8	
Burley, type 31								
1973	619.0	533.1	86.8	92.9	78.9	.7	.1	
1974	586.7	518.8	67.9	113.7	85.8	2.8	.4	
1975	602.5	510.1	92.4	105.5	96.1	50.7	7.9	
1976	606.3	489.6	116.8	114.2	109.3	46.6	7.0	
1977	611.3	494.8	116.5	120.0	117.3	57.0	9.2	
1978	624.3	502.8	121.4	131.2	124.7	67.7	10.8	
1979	631.8	498.5	133.3	145.2	133.3	7.3	1.5	
1980	583.1	477.6	105.5	165.9	145.9	.0	.0	
1981	604.9	463.9	141.0	180.7	163.6	.8	.1	
1982	578.9	444.1	134.8	180.1	175.1	269.2	35.0	
1983	<sup>6</sup> 565.0	<sup>6</sup> 440.0	<sup>6</sup> 125.0	<sup>8</sup> 179.3	175.1	<sup>8</sup> 113.0	<sup>8</sup> 37.0	

<sup>1</sup>July 1 for flue-cured; October 1 for burley. <sup>2</sup>Actual marketings in the marketing year. For 1983, includes estimated production plus unsold 1982 production held by producer cooperatives and sold in 1983 marketing year. Flue-cured production based on State Crop Reporting Service estimates with State funds. Burley production estimates from December Crop Report. <sup>3</sup>Adjusted for change in conversion factor January 1, 1977. <sup>4</sup>Stocks revision January 1, 1979 report. <sup>5</sup>Subject to revision. <sup>6</sup>Estimated. <sup>7</sup>Includes 163.1 million from the 1983 crop and 31.7 million from the 1982 crop held by the Stabilization Cooperative and offered for sale in the 1983 marketing year. <sup>8</sup>Through December 12, 1983.

could change their designation at the beginning of each month, if they wished.

Resales averaged 8 percent of gross sales, about 1 percentage point more than in 1982. About 5.4 percent of the tobacco was sold outside the belt where it was produced (table 13). This season, unlike last, there was no provision for the Stabilization Cooperative or warehouses to handle carryover tobacco. But, the volume held by individuals for sale next season is probably small, since the crop was smaller.

#### Export Volume May Decline

Because of the lower quality of the U.S. crop, 1983/84 flue-cured exports are expected to drop from last year's 456 million pounds. Large supplies in Brazil and Zimbabwe, high U.S. prices, the strength of the U.S. dollar, and large cigarette tax increases in the United Kingdom and West Germany are further contributing to the decline. Japan's 1983 purchases are lower, as that country's cigarette prices went up 12 percent last spring and cigarette sales have been level. In general, larger, less costly stocks abroad are holding down our 1983/84 exports to most destinations.

#### Supplies Decline in 1983/84

Although carryin stocks were 3 percent larger this season, the smaller crop has brought the flue-cured supply to 3.06 billion pounds, 3 percent below last year (table 16). Based on the flue-cured States' estimate, the 1983 outturn was the smallest since 1943. Harvested acreage was down 12 percent from 1983, and yield was 8 percent lower. The continued downturn in exports, along with likely lower domestic use this marketing year, means total disappearance may drop from last year's level. Next year's carryover could be lower, with trade holdings likely to account for most of the decline.

The Flue-Cured Stabilization Cooperative sold 79 million pounds during January-November, while loan receipts reached 195 million (163 million from the 1983 crop). So, by January 1, 1984, unsold loan stocks will increase from the 658 million pounds held a year earlier.

#### 1984 Quota Reduced

On December 15, USDA announced a national flue-cured marketing quota of 805 million pounds for 1984

**Table 17.—Flue-cured and burley tobacco: Stocks and stocks utilization ratios, manufacturers and dealers, 1957-83 (Farm-sales weight)**

Marketing year	Flue-cured				Burley			
	Domestic manufacturers		Dealers		Domestic manufacturers		Dealers	
	Beginning stocks <sup>1</sup>	Stocks-usings ratio	Beginning stocks <sup>1</sup>	Stocks-exports ratio	Beginning stocks <sup>2</sup>	Stocks-usings ratio	Beginning stocks <sup>2</sup>	Stocks-exports ratio
	Million pounds	Number	Million pounds	Number	Million pounds	Number	Million pounds	Number
1957	1,594	2.16	274	.62	980	2.05	36	1.29
1958	1,406	1.91	286	.65	958	1.98	40	1.14
1959	1,328	1.73	242	.58	952	1.91	29	.81
1960	1,286	1.62	263	.55	1,048	2.06	53	1.29
1961	1,337	1.71	247	.51	989	1.88	50	1.11
1962	1,467	1.89	237	.55	1,049	1.98	55	1.04
1963	1,478	1.92	307	.62	1,044	2.03	90	1.58
1964	1,406	1.81	283	.64	1,060	1.89	87	1.55
1965	1,363	1.81	274	.65	1,023	1.86	76	1.33
1966	1,349	1.96	253	.43	1,065	1.96	68	1.21
1967	1,306	1.90	281	.53	1,038	1.90	67	1.26
1968	1,258	1.87	271	.52	966	1.87	36	.65
1969	1,081	1.67	219	.41	942	1.86	34	.59
1970	1,014	1.58	214	.40	858	1.71	30	.56
1971	1,010	1.52	204	.43	854	1.66	28	.51
1972	1,087	1.64	206	.40	888	1.66	33	.44
1973	1,154	1.64	193	.32	920	1.73	32	.37
1974	1,154	1.77	176	.32	900	1.53	31	.46
1975	1,259	1.88	213	.41	1,032	1.71	51	.55
1976	1,356	2.13	183	.35	1,074	2.15	42	.36
1977	1,348	2.24	162	.34	1,102	2.18	49	.42
1978	1,343	2.30	171	.28	1,057	2.16	40	.32
1979	1,347	2.39	164	.32	1,021	2.05	36	.27
1980	1,324	2.50	87	.17	944	1.98	16	.15
1981	1,323	2.71	94	.18	979	2.11	22	.16
1982	1,533	3.20	93	.20	1,085	2.44	36	.27
1983	1,420		97		1,056		36	

<sup>1</sup>July 1. <sup>2</sup>October 1.



**Table 18.—Flue-cured tobacco: Production in specified countries, 1981-83**

Country	1981	1982	1983
<i>Thousand metric tons</i>			
Canada	111	67	108
India	110	138	175
Zimbabwe	67	89	95
Brazil	205	248	234
Total	493	542	612

Compiled from records and reports of Foreign Agricultural Service.

**Table 19.—Tobacco loan stocks, 1981-83 (farm-sales weight)**

Type	End of November		
	1981	1982	1983 <sup>1</sup>
<i>Million pounds</i>			
Flue-cured, 11-14 <sup>3</sup>	661.1	753.5	813.6
Burley, 31	0	10.5	231.0
Virginia, 21	2.4	2.2	2.4
Kentucky-Tennessee, 22-23	15.6	5.6	6.9
Kentucky-Tennessee, 35-36	7.1	8.4	13.5
Ohio, 42-44	.4	.2	2.8
Puerto Rican, 46	7.5	7.1	5.6
Connecticut Valley 51-52	1.2	2.0	2.9
Wisconsin, 54	(2)	1.4	2.1
Wisconsin, 55	.3	4.1	6.7
Total	695.6	795.0	1,087.5
Uncommitted			
Flue-cured, 11-14 <sup>3</sup>	492.2	658.7	4772.7
Burley, 31	0	.7	4119.7

<sup>1</sup>October 31. <sup>2</sup>Negligible. <sup>3</sup>Includes part of 1983 new crop receipts.  
<sup>4</sup>Preliminary as of November 30.

Compiled from records of Producer Associations Division, ASCS.

(table 11). The 11-1/2-percent reduction from 1983 was made to bring supply in closer balance with use.

Acreage allotments and poundage quotas will reflect 1983 under- and overmarketings. The base quota minus estimated net undermarketings means that the 1984 effective quota is about 835 million pounds, 6 percent below 1983. A crop close to quota, when added to prospective carryover, would provide a 1984/85 supply that is a little smaller than this year.

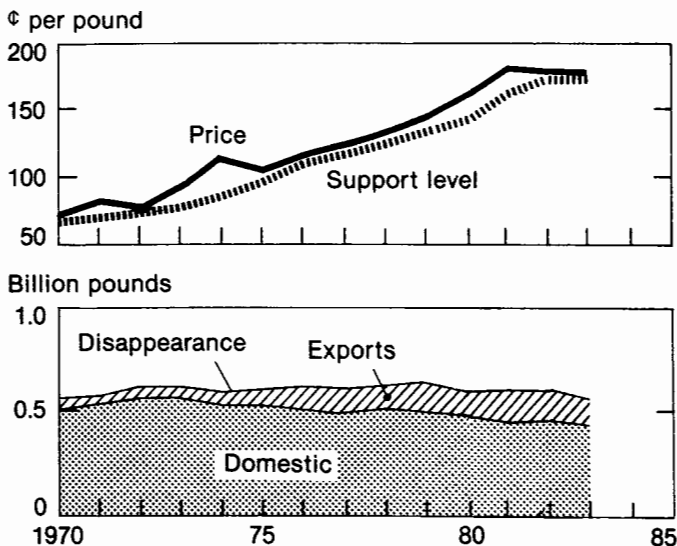
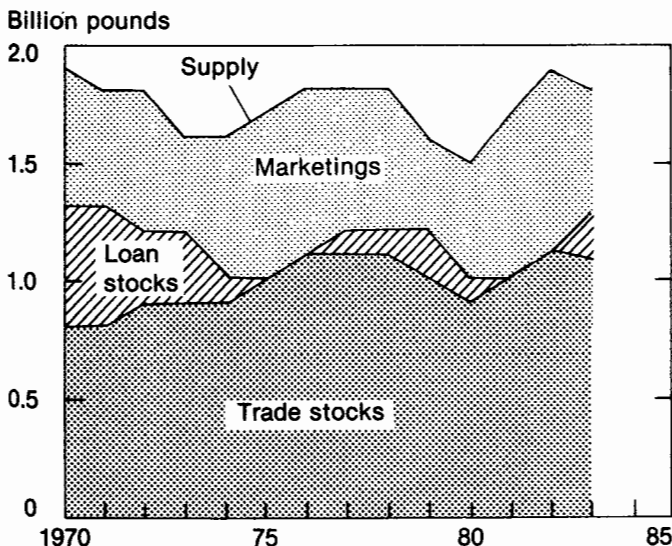
**Foreign Flue-Cured Situation:  
Canadian, Indian Crops Much Larger**

This year's flue-cured production in Ontario, Canada, is estimated at 238 million pounds, 60 percent above last year. Despite hot, dry weather, yields were normal. Auctions opened in early October, and by October 28, sales averaged Can\$1.62 a pound, or 2 cents above the guaranteed minimum. The average is near that of last season. The Canadian Manufacturers Council gives rebates of 7 to 25 cents a pound, depending on grade, for exports. Export sales this year are estimated at about 95 million pounds.

Brazil's production of flue-cured tobacco declined about 6 percent in 1983, but it may increase in 1984. India's 1983 crop is nearly 30 percent larger, but prices are lower than last year.

The 1983 flue-cured crop in Zimbabwe rose 6 percent (table 18). Markets closed in mid-October. Prices averaged about U.S.\$1.00 per pound.

**Burley Tobacco: Supply, Price, Use**



1982 subject to revision. Trade stocks include manufacturers' and dealers'. Crop year beginning October 1. 1983; forecast.

USDA

Neg. ERS 3107-83(12)

## Burley

### Burley Prices a Little Lower

Before-Christmas burley sales totaled 388 million pounds (gross) and averaged \$1.79 a pound. Growers sold about four-fifths of the small crop before Christmas. Sales resume January 9 (table 20).

Burley auction prices before Christmas averaged about 2 cents a pound lower than last year because price supports are unchanged and quality and demand were down. Sales contained a larger percentage of unripe and immature than last year. Also, the percentage of fair and low quality was higher with less good.

Loan rates by grades range from \$1.16 to \$1.95 a pound, with an average support level of \$1.751. Although the average support rate was unchanged from 1982, minor adjustments were made for a few grades to reflect the overall grade distribution. Before Christmas, loan receipts were about 40 percent of producer sales. Last season's receipts totaled 35 percent of producer sales for the entire season.

For 1983/84, USDA will provide official grading for burley tied in hands, for untied burley packed straight in bales, and for untied burley placed in sheets and offered for sale at auction. This will be the first full season that price support is available for untied tobacco placed in sheets. Much of the 1983 burley crop is being sold untied in sheets or in bales.

### 1982/83 Disappearance Declines

During the year ending September 30, 1983, burley disappearance totaled 579 million pounds, 4 percent below the previous year and 8 percent below 1979's record. Both domestic use and exports dropped 4 percent. High U.S. prices and the strong dollar reduced exports to 135 million pounds, 6 million below the record set the previous year. West Germany, Italy, and Japan remained the leading markets. Lower cigarette demand cut domestic use. Both domestic use and exports are likely to decline again in 1983/84. The smaller, lower quality 1983 crop will also hinder exports.

## Supplies Decline

This season's burley supply, at 1.8 billion pounds (estimated marketings plus carryover), is 5 percent below a year ago (table 16). The 1983 crop, estimated at 453 million pounds as of December 1, is 44 percent below last year. However, marketings are estimated at 486 million pounds, because many growers produced more than 110 percent of their effective quota in 1982; they did not market the excess because prohibitive penalties are imposed on sales above 110 percent. A total of 33 million pounds of tobacco was processed and stored by the two burley tobacco grower cooperatives. This tobacco was sold by sealed bid in October.

This season's effective farm poundage quota was 18 percent below last year. Growers decreased acreage by 15 percent, and yields were off 34 percent to the lowest figure since 1955.

Carryover on October 1 rose 18 percent from a year earlier; it is the largest since 1971. The increase was the result of the sharp rise in loan stocks; manufacturer and dealer holdings declined. With the short crop, carryover next October 1 is expected to decline. However, loan holdings may again be above 200 million pounds, despite the short 1983 crop and recent purchases that have dropped uncommitted burley loan stocks below 120 million pounds. Large takings from the 1983 crop are again boosting loan stocks. The 1983/84 supply is 3.2 times probable disappearance, well above the desirable ratio of 2.6 years' use. In addition, manufacturers and dealers held 271 million pounds of foreign-grown burley on October 1. However, foreign-grown holdings were down 19 million pounds from a year earlier.

### 1984 Quota Decision Due by February 1

The 1984/85 outlook for burley hinges partially on the quota decision USDA will make by February 1. Burley poundage legislation requires that the national quota be neither less than 90 percent of estimated disappearance for that marketing year nor less than 90 percent of the previous year's quota. For 1983/84, the basic quota was set at 647 million pounds. Because cigarette demand is down and exports may decline again, disappearance may again fall.

**Table 20.—Burley tobacco: Gross sales, average price, and percentage sold before and after the Christmas holidays, 1973-83 crops**

Crop	Before holidays			After holidays		
	Gross sales	Average price per lb.	Percentage of crop sold	Gross sales	Average price per lb.	Percentage of crop sold
	Mil. lb.	Cents	Percent	Mil. lb.	Cents	Percent
1973	379.5	93.2	76.4	117.3	91.5	23.6
1974	505.5	116.0	75.8	161.4	107.2	24.2
1975	457.7	104.4	66.8	238.0	107.5	32.2
1976	467.4	115.0	65.0	252.2	113.0	35.0
1977	492.4	119.6	75.2	162.0	121.7	24.8
1978	474.6	131.9	71.7	186.9	129.3	28.3
1979	350.0	145.6	70.9	143.7	144.3	29.1
1980	486.1	165.9	80.1	120.7	165.9	19.9
1981	571.4	180.3	71.9	223.2	181.9	28.1
1982	597.4	180.1	70.2	253.2	181.7	29.8
1983 <sup>1</sup>	324.2	179.3	<sup>2</sup> 67.0			

<sup>1</sup>Through December 12. <sup>2</sup>Estimated, based on December crop estimate with allowance of resales.

Compiled from *Tobacco Market Review*, Burley, issued annually, Agricultural Marketing Service.

**Table 21.—Southern Maryland tobacco, type 32: Acreage, yield, production, carryover, supply, disappearance, season average price, 1974-83 (farm-sales weight)**

Marketing Year <sup>1</sup>	Acreage harvested	Yield per acre	Supply			Disappearance		Average price per pound to growers	
			Production	Stocks following Jan. 1	Total	Total	Domestic		Exports
	Thousand acres	Pounds	Million pounds						Cents
1974	26.0	1,260	32.8	51.7	84.5	33.5	25.0	8.5	92.2
1975	23.0	955	22.0	53.6	75.6	35.7	26.0	9.7	107.5
1976	25.0	1,205	30.1	41.9	72.0	29.9	17.4	12.5	110.0
1977	25.0	1,230	30.8	45.3	76.1	29.0	19.6	9.4	115.1
1978	24.0	1,275	30.6	41.9	72.5	31.1	21.1	10.1	123.1
1979	19.5	1,130	22.0	41.3	63.4	33.6	23.6	10.0	139.7
1980	24.0	1,091	26.2	32.6	58.8	27.3	18.6	8.7	<sup>2</sup> 167.9
1981	36.2	1,281	46.4	37.0	83.4	36.0	27.9	8.1	<sup>2</sup> 157.3
1982	29.3	1,433	42.0	40.7	82.7	38.9	26.0	12.9	<sup>2</sup> 148.1
1983 <sup>3</sup>	30.3	1,145	34.7	42.0	76.7				

<sup>1</sup>Year beginning October 1. <sup>2</sup>Auction sales. <sup>3</sup>November crop estimate. Economic Research Service estimates derived from Crop Reporting Service Maryland and Pennsylvania State estimates.

With production less than the effective quota, marketings this year are expected also to fall short of the effective quota, likely causing next year's effective quota to exceed the basic quota by about 150 million pounds.

## Southern Maryland

### 1982/83 Disappearance Highest Since 1970

During the year ending September 30, 1983, disappearance of Maryland tobacco was nearly 39 million pounds, 3 million above the previous year and the highest since 1970 (table 21).

Domestic use of Maryland tobacco declined 2 million pounds from 1981/82. Exports totaled nearly 13 million pounds—4.8 million above the previous year. Switzerland's takings rose, but they constituted only 55 percent of Maryland exports, after reaching 63 percent the year before. West Germany's imports more than doubled. Because supplies of aged tobacco are large, total use in 1983/84 may be nearly as great as last season.

### Supplies Gaining

Total carryover (including the 1982 crop) on January 1, 1984, is expected to be about 1 million pounds above a year earlier. The 1983 crop is estimated at 35 million pounds, 7 million below the previous season. The 1981 Farm Act provides prohibitive penalties for growing and marketing Maryland tobacco in quota areas. However, quotas are not applicable to Pennsylvania seedleaf tobacco and prices for it are low, so some seedleaf growers are changing to Maryland tobacco. In 1983, about a fifth of total Maryland production was in Pennsylvania, up from 12 percent in 1982.

The supply for 1983/84 is 85 million pounds, 2 million more than a year earlier. Auctions for the 1983 Maryland crop will begin in March 1984.

## Fire-Cured

### Auction Prices Up

Auctions for Virginia fire-cured tobacco (type 21) opened December 6, with prices for the first 3 days averaging 1 cent a pound above last season. The quality was lower, but grade prices were up, generally running 6 to 10 cents a pound higher for fair and low quality grades of heavy leaf, thin leaf, and lugs. Fine and good quality tobacco showed little change. This year's Virginia crop is 700,000 pounds lower than last year's. Auctions for Kentucky-Tennessee fire-cured are expected to open around the middle of January.

The 1983 fire-cured crop is estimated at 35 million pounds, 18 million or 34 percent smaller than a year ago. The reduction lowers the 1983/84 supply to 114 million pounds. Based on last year's use, this amount would last about 2.5 years. On October 1, the beginning of the marketing year, loan stocks had dropped about 1-1/2 million pounds from a year earlier. Disappearance varies widely from year to year, but it will likely be large enough to reduce total carryover by next October 1 (table 22).

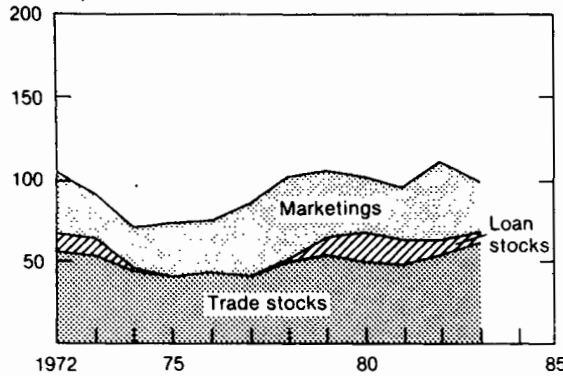
### Disappearance Higher Last Season

Disappearance of fire-cured types in 1982/83 was 45.7 million pounds—more than 8 million above the previous season. Both domestic use and exports rose. Output of snuff increased, but chewing tobacco production declined.

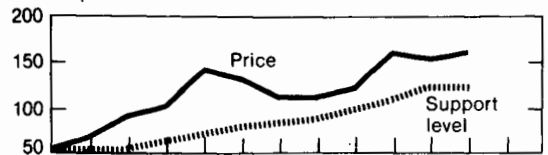
In Malawi, the largest exporter outside the United States, 1982 production was 16 million pounds—down 10 million from the year before. Malawi's 1983 production was estimated at 21 million pounds in November. Large surplus stocks from earlier crops have been reduced, and lower production in Malawi the last 2 years has enhanced U.S. export prospects. Also, a shift to roll-your-own cigarettes has boosted demand for fire-cured in some European countries.

**Fire-Cured-Types 22-23: Supply, Price, Use**

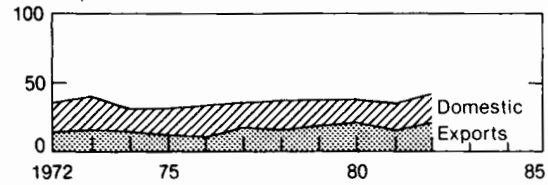
Million pounds



Million pounds



Million pounds



1982 and 1983 subject to revision Trade stocks include manufacturers' and dealers Crop year beginning October 1, 1983, forecast  
USDA

Neg. ERS 3108(12)

**Table 22.—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, 1974-83 (farm-sales weight)**

Mkt. Yr. begin. Oct. 1	Acre. harvested	Yield per acre	Prod.	Beginning stocks			Total supply	
				Mfrs. & other	Under loan	Total		
	Thousand acres	Pounds		Million pounds				
Kentucky-Tennessee fire-cured, types 22-23								
1974	16.2	1,602	26.0	44.0	1.1	45.1	71.1	
1975	18.4	1,772	32.6	40.5	.1	40.7	73.3	
1976	21.2	1,567	33.2	42.6	(1)	42.6	75.8	
1977	25.6	1,767	45.2	41.2	(1)	41.2	86.4	
1978	27.1	1,898	51.4	50.0	1.0	51.0	102.4	
1979	22.1	1,791	39.6	54.0	11.1	65.1	104.7	
1980	19.4	1,680	32.6	48.9	19.1	68.0	100.6	
1981	20.6	1,578	32.4	48.4	14.7	63.1	95.5	
1982	23.5	2,030	47.7	54.5	8.0	62.5	110.2	
1983 <sup>2</sup>	21.0	1,445	30.3	62.3	6.4	68.7	99.0	
Virginia fire-cured, type 21								
1974	5.0	1,185	5.9	7.1	—	7.1	13.0	
1975	5.0	975	4.9	7.1	.3	7.3	12.2	
1976	5.3	1,000	5.3	7.4	(1)	7.4	12.7	
1977	7.2	1,000	7.2	7.0	(1)	6.7	13.9	
1978	6.1	1,120	6.8	7.9	.8	8.7	15.5	
1979	4.8	1,135	5.4	8.2	2.7	10.9	16.3	
1980	3.9	935	3.6	6.0	3.3	9.3	12.9	
1981	4.1	1,265	5.2	5.7	2.6	8.3	13.5	
1982	4.8	1,150	5.5	6.7	2.3	9.0	14.5	
1983 <sup>2</sup>	4.8	995	4.8	7.9	2.4	10.3	15.1	
				Disappearance		Placed under loan		
		Total	Domestic	Exports	Aver. price per lb.	Price support level	Quantity	% of crop
		Million pounds			Cents		Million pounds	Percent
Kentucky-Tennessee fire-cured, types 22-23								
1974	30.3	14.5	15.8	93.4	58.2	7	2.7	
1975	30.7	12.2	18.5	104.7	65.2	.1	.4	
1976	34.6	11.2	23.4	142.4	74.1	(1)	—	
1977	35.4	17.4	18.0	132.3	79.5	1.1	2.4	
1978	37.3	15.1	22.2	112.5	84.6	11.3	22.2	
1979	36.7	18.0	18.7	115.2	90.3	11.4	28.8	
1980	37.5	19.7	17.8	121.9	98.9	2.1	6.4	
1981	33.0	14.5	18.5	161.1	111.0	1.1	2.8	
1982	41.5	20.9	20.6	156.0	123.0	4.4	9.2	
1983					123.0			
Virginia fire-cured, type 21								
1974	5.7	.7	5.0	81.7	58.2	.3	4.5	
1975	4.8	1.4	3.4	93.0	65.2	(1)	.9	
1976	6.1	<sup>3</sup> 2.0	4.1	118.0	74.1	.1	1.5	
1977	5.2	2.8	2.4	96.2	79.5	1.0	14.4	
1978	4.6	1.0	3.6	94.5	84.6	1.8	26.2	
1979	7.0	3.2	3.8	107.9	90.3	.9	16.3	
1980	4.6	2.6	2.0	128.1	98.9	.3	7.2	
1981	4.5	1.8	2.7	131.7	111.0	.3	5.9	
1982	4.2	2.7	1.5	117.6	118.8	.5	9.3	
1983					118.8			

<sup>1</sup>Less than 50,000 pounds. <sup>2</sup>November 1 crop estimates. Economic Research Service estimates based on Crop Reporting Service State estimates and estimates by type within States with State funds when available. <sup>3</sup>Includes 400,000 pounds fire loss, December 1976.

**Table 23.—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, 1974-83 (farm-sales weight)**

Marketing yr. begin. Oct. 1	Acre. har- vested	Yield per acre	Prod.	Beginning stocks			Total supply
				Mfrs. & other	Under loan	Total	
				Thousand acres	Pounds	Million pounds	
Dark air-cured, types 35-36							
1974	7.0	1,653	11.6	31.4	5.5	36.9	48.5
1975	8.0	1,750	14.0	32.7	(1)	32.9	46.9
1976	9.3	1,660	15.1	28.2	—	28.2	43.3
1977	11.2	1,809	20.4	26.1	—	26.1	46.5
1978	11.2	1,969	22.2	30.4	(1)	30.4	52.6
1979	9.7	1,665	16.1	30.0	4.1	34.1	50.2
1980	9.3	1,745	16.2	28.6	5.6	34.2	50.4
1981	9.7	1,614	15.7	29.6	6.8	36.4	52.1
1982	10.2	1,951	19.9	29.8	8.1	37.9	57.8
1983 <sup>2</sup>	8.7	1,389	12.1	29.2	13.1	42.3	54.4
Sun-cured, type 37							
1974	.7	1,315	.9	3.0	0	3.0	3.9
1975	.7	930	.7	2.3	0	2.3	3.0
1976	.7	1,115	.8	2.1	0	2.1	2.9
1977	.8	1,030	.8	1.8	0	1.8	2.6
1978	.7	1,205	.9	1.8	0	1.8	2.7
1979	.5	1,055	.6	2.2	0	2.2	2.8
1980	.4	1,010	.4	2.0	0	2.0	2.4
1981	.5	1,320	.7	1.6	0	1.6	2.3
1982	.6	1,290	.7	1.6	0	1.6	2.3
1983 <sup>2</sup>	.5	995	.5	1.5	0	1.5	2.0
Disappearance							
			Aver. price per pound		Placed under loan		
Total	Domestic	Exports	Price support level		Quantity	Percent of crop	
Million pounds			Cents		Million pounds	Percent	
Dark air-cured, types 35-36							
1974	15.6	12.8	2.8	76.9	51.8	.4	3.7
1975	18.7	16.1	2.6	89.8	58.0	.1	.5
1976	17.2	15.1	2.1	116.6	65.9	(1)	—
1977	16.1	13.6	2.4	117.7	70.7	(1)	—
1978	18.4	15.7	2.7	99.1	75.2	4.3	19.7
1979	16.0	14.2	1.8	111.7	80.4	2.2	13.7
1980	14.0	12.0	2.0	126.5	88.0	1.4	8.6
1981	14.2	12.3	1.9	133.0	98.7	1.5	9.6
1982	15.5	14.7	.8	122.9	105.7	5.6	28.1
1983					105.7		
Sun-cured, type 37							
1974	1.6	1.3	.3	82.1	51.8	<sup>3</sup> 13	1.4
1975	.9	.7	.2	85.5	58.9	0	—
1976	1.1	.9	.2	105.0	65.9	0	—
1977	.8	.6	.1	100.0	70.7	<sup>3</sup> 13	1.6
1978	.5	.3	.2	88.8	75.2	<sup>3</sup> 109	12.4
1979	.8	.6	.2	90.8	80.4	<sup>3</sup> 30	5.2
1980	.8	.7	.1	127.1	88.0	0	0
1981	.7	.6	.1	131.7	98.7	<sup>3</sup> 4	.7
1982	.8	.7	.1	106.4	109.4	<sup>3</sup> 68	9.3
1983					109.4		

<sup>1</sup>Less than 50,000 pounds. <sup>2</sup>November 1 crop estimates. Economic Research Service estimates based on Crop Reporting Service State estimates and estimates by type within States with State funds when available. <sup>3</sup>Quantity placed under loan in thousands of pounds.

## **Dark Air-Cured**

### ***Auction Prices Rise Substantially***

Auctions for One Sucker and Green River tobacco (Kentucky-Tennessee dark air-cured, types 35-36) opened December 5 and November 29, respectively. Auctions for Virginia sun-cured (type 37) started December 6. Growers received considerably more for each type than they did last season. The short crop together with a shortage of loan stock tobacco of desirable quality caused the hike in prices.

### ***Carryover To Fall***

At an estimated 12.6 million pounds, the dark air-cured crop is down 8 million from 1982 because of reduced acreage and lower yields. The supply of dark air-cured and sun-cured tobacco for 1983/84, at 56.4 million pounds, is 3.7 million below 1982/83. Total supplies of dark air-cured tobacco represent about 3.6 years' use, based on last year's disappearance. Carryover may decline a little, because disappearance may be more than the drought-reduced crop. However, stocks of air-cured tobacco will remain large.

Disappearance of dark air-cured tobacco during 1982/83 was 16.3 million pounds, 1.4 million higher than the previous marketing year. While the output of snuff increased, other traditional uses declined. The drop in prices for the 1982 crop may have helped bolster dark air-cured use.

## **Cigar Tobacco**

### ***U.S. and Puerto Rican Supplies Decline***

Supplies of U.S. and Puerto Rican cigar tobacco are down about 7 percent in 1983 because production has declined,

likely about 29 percent. Nevertheless, on October 31, Government loan stocks stood at 20.1 million pounds, 5.3 million above a year earlier.

Filler and binder output is down sharply; wrapper production is almost unchanged. U.S. cigar leaf is sold either directly on farms or through cooperatives. As of early December, no 1983 sales had been reported. Season-average prices will be published in the May 1984 issue of USDA's *Crop Production* report.

Supplies of continental cigar filler (U.S. and Puerto Rican types 41-46) declined about 8 percent to 82 million pounds, because of a smaller crop. Filler carryover was about 3 million pounds higher, but production was 9-1/2 million lower. Recent disappearance indicates that ending stocks are likely to decline by the close of the marketing year.

Supplies of cigar wrapper tobacco for 1983/84 are about 1.8 million pounds below last year, with both Connecticut Valley and Georgia-Florida wrapper supplies down. Type 62 tobacco has not been grown since 1977. The cigar wrapper carryover next July 1 is likely to continue its long decline.

For 1983/84, binder tobacco supplies will be down about 5 percent, because of smaller production. Cigar binder disappearance was 23 million pounds last season, up slightly from a year earlier. The principal outlet for this type is looseleaf chewing tobacco. Binder disappearance has followed a cyclical pattern, so it may drop this year, but stocks still will probably decline.

During October 1982-September 1983, manufacturers used fewer imports than a year earlier—a response to declining cigar production. Last season, 68 million pounds of cigar tobacco was imported for consumption. Stocks of foreign-grown cigar leaf in the United States on October 1 were 85 million pounds—about 4 million below a year earlier.

**Table 24.—Cigar tobacco, types 41-62: Domestic supplies, disappearance, and season average prices, 1974-83 (farm-sales weight)**

Crop Year <sup>1</sup>	Acreage harvested	Yield per acre	Supply			Disappearance			Average price per pound to growers
			Production	Beginning stocks <sup>1</sup>	Total supply	Total	Domestic	Exports	
	Thousand acres	Pounds	Million pounds						Cents
Pennsylvania seedleaf filler (type 41)									
1974	13.0	2,000	26.0	47.5	73.5	24.3	24.0	.3	58.0
1975	12.0	1,650	19.8	49.2	69.0	22.2	21.8	.4	58.0
1976	13.5	1,750	23.6	46.8	70.4	20.7	20.3	.4	60.0
1977	13.5	1,940	26.2	49.7	75.9	21.8	21.6	.2	60.0
1978	13.0	1,940	25.2	54.1	79.3	23.6	23.5	.1	62.0
1979	11.2	1,580	17.7	55.7	73.4	24.3	24.0	.3	72.0
1980	13.0	1,900	24.7	49.1	73.8	21.7	21.4	.3	87.0
1981	13.3	2,050	27.3	52.1	79.4	27.1	26.9	.2	80.0
1982	10.7	2,000	21.4	52.3	73.7	19.6	19.2	.4	73.0
1983 <sup>2</sup>	7.7	1,768	13.6	54.1	67.7				
Ohio, Miami, Valley filler (types 42-44)									
1974	2.0	1,530	3.1	5.9	9.0	3.1	3.1	—	59.0
1975	2.1	1,620	3.4	5.9	9.3	3.6	3.6	—	60.0
1976	2.2	1,550	3.4	5.7	9.1	3.1	3.1	—	59.0
1977	1.8	2,025	3.6	6.0	9.6	2.6	2.6	—	62.0
1978	1.6	1,850	3.0	7.0	10.0	3.7	3.7	—	64.0
1979	1.3	1,500	2.0	6.3	8.3	4.5	4.5	—	87.0
1980	1.4	1,700	2.4	3.8	6.2	4.1	4.1	—	107.0
1981	1.7	1,440	2.5	4.0	6.5	2.1	2.1	—	105.0
1982	1.8	1,950	3.5	4.4	7.9	2.0	2.0	—	90.0
1983 <sup>2</sup>	1.5	1,120	1.7	5.9	7.6				
Puerto Rico filler (type 46) <sup>3</sup>									
1974	2.7	1,477	3.9	10.0	14.0	7.9	7.9	—	45.5
1975	2.7	1,500	4.3	6.1	10.4	3.2	3.2	—	50.7
1976	2.8	1,429	4.1	7.2	11.3	4.9	4.9	—	57.6
1977	2.6	1,480	3.9	6.4	10.3	3.9	3.9	—	60.2
1978	2.2	1,400	3.1	6.4	9.5	2.6	2.6	—	57.0
1979	2.0	1,000	2.0	6.9	8.9	.8	.8	—	69.1
1980	1.1	1,380	1.5	8.1	9.6	1.6	1.6	—	73.5
1981	.6	1,000	.6	8.0	8.6	1.3	1.3	—	86.0
1982	.3	1,000	.3	7.3	7.6	.8	.8	—	91.0
1983 <sup>2</sup>	.2	1,400	.3	6.8	7.1				
Total cigar filler (types 41-46)									
1974	17.7	1,870	33.1	63.4	96.5	35.3	35.0	.3	56.6
1975	16.8	1,687	27.5	61.2	88.5	28.8	28.4	.4	56.2
1976	18.5	1,681	33.1	59.7	90.2	28.1	27.7	.4	59.4
1977	17.9	1,883	33.7	62.1	95.8	28.3	27.0	.3	60.2
1978	16.8	1,863	31.3	67.5	98.8	29.9	29.8	.1	61.5
1979	14.5	1,475	21.7	68.9	90.6	29.6	29.3	.3	73.1
1980	15.5	1,845	28.6	61.0	89.6	27.5	27.0	.5	87.5
1981	15.6	1,949	30.4	64.1	94.5	30.5	30.3	.2	82.1
1982	12.8	1,969	25.2	64.0	89.2	22.4	22.0	.4	75.6
1983 <sup>2</sup>	9.4	1,660	15.6	66.8	82.4				
Connecticut Valley binder (types 51-52)									
1974	1.5	1,737	2.5	7.0	9.5	3.3	3.1	.2	82.0
1975	1.5	1,582	2.4	6.2	8.6	4.3	4.1	.2	92.7
1976	1.5	1,605	2.4	4.3	6.7	2.4	2.3	.1	89.6
1977	1.4	1,784	2.5	4.3	6.8	1.9	1.9	*	121.3
1978	1.5	1,734	2.6	4.9	7.5	2.1	2.0	.1	144.9
1979	1.5	1,637	2.4	5.5	7.9	2.2	2.0	.2	161.5
1980	1.5	1,750	2.6	5.7	8.3	2.2	2.0	.2	178.8
1981	1.7	1,998	3.5	6.1	9.6	2.5	2.4	.1	182.1
1982	2.1	1,685	3.5	7.1	10.6	3.3	3.1	.2	180.9
1983 <sup>2</sup>	1.6	1,832	2.8	7.3	10.1				
Southern Wisconsin binder (type 54)									
1974	4.7	2,060	9.7	18.9	28.6	8.8	8.8	—	74.9
1975	5.6	1,945	10.9	19.8	30.7	7.5	7.5	—	75.1
1976	5.6	1,890	10.6	23.2	33.8	10.0	10.0	—	74.7
1977	6.2	2,020	12.5	23.8	36.3	10.2	10.2	—	84.6
1978	6.2	1,800	11.2	26.0	37.2	11.4	11.4	—	100.5
1979	6.3	2,080	13.1	25.8	38.9	—	—	—	117.0
1980	6.3	2,110	13.3	(5)	—	—	—	—	125.0
1981	6.4	2,150	13.8	(5)	—	—	—	—	113.0
1982	5.1	2,110	10.8	(5)	—	—	—	—	106.0
1983 <sup>4</sup>	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 24.—Cigar tobacco, types 41-62: Domestic supplies, disappearance, and season average prices, 1974-83 (farm-sales weight), Continued**

Crop Year <sup>1</sup>	Supply		Disappearance			Average price per pound to growers			
	Acreage harvested	Yield per acre	Production	Beginning stocks <sup>1</sup>	Total supply		Total	Domestic	Exports
Northern Wisconsin binder (type 55)									
1974	4.7	1,870	8.8	16.9	25.7	9.9	9.9	*	75.4
1975	5.4	1,835	9.9	15.8	25.7	9.7	9.6	.1	75.1
1976	5.5	1,750	9.6	16.0	25.6	9.4	9.4	*	75.2
1977	5.8	2,045	11.9	16.2	28.1	9.1	9.1	.1	85.5
1978	5.9	1,550	9.1	19.1	28.2	8.9	8.9	.1	100.5
1979	6.6	1,810	11.9	19.3	31.2	—	—	*	117.0
1980	6.6	1,920	12.7	(5)	—	—	—	—	125.0
1981	7.3	1,725	12.6	(5)	—	—	—	—	108.0
1982	5.0	1,875	9.4	(5)	—	—	—	—	101.0
1983 <sup>4</sup>	—	—	—	(5)	—	—	—	—	—
Total Wisconsin binder (types 54-55)									
1974	9.4	1,965	18.5	35.8	54.3	18.7	18.7	*	75.1
1975	11.0	1,891	20.8	35.6	56.4	17.2	17.1	.1	75.1
1976	11.1	1,821	20.2	39.2	59.4	19.4	19.4	*	75.2
1977	12.0	2,032	24.4	40.0	64.4	19.3	19.3	.1	85.0
1978	12.1	1,678	20.3	45.1	65.4	20.1	20.1	*	100.5
1979	12.9	1,942	25.0	45.3	70.3	21.4	21.4	*	117.0
1980	12.9	2,013	26.0	48.9	74.9	21.3	21.3	*	125.0
1981	13.7	1,924	26.4	53.6	80.0	20.0	20.0	*	110.6
1982	10.1	1,994	20.1	60.0	80.1	19.8	19.8	*	103.7
1983 <sup>2</sup>	8.4	1,915	16.1	60.3	76.4	—	—	—	—
Total Cigar binder (types 51-55)									
1974	10.9	1,934	21.0	42.8	63.8	22.0	21.8	.2	76.0
1975	12.5	1,851	23.2	41.8	65.0	21.5	21.2	.3	76.9
1976	12.6	1,795	22.6	43.5	66.1	21.8	21.6	.2	76.5
1977	13.4	2,007	26.8	44.3	71.1	21.1	21.1	.1	88.4
1978	13.6	1,684	22.9	50.0	72.9	22.2	22.2	.1	105.6
1979	14.4	1,911	27.5	50.8	78.3	23.6	23.4	.2	120.9
1980	14.4	1,985	28.6	54.6	82.9	23.5	23.3	.2	129.9
1981	15.4	1,932	29.8	59.7	89.3	22.5	22.4	.1	118.9
1982	12.2	1,941	23.8	67.1	90.7	23.1	22.9	.2	115.2
1983 <sup>2</sup>	10.0	1,890	18.9	67.6	86.5	—	—	—	—
Connecticut Valley shade-grown (type 61)									
1974	4.8	1,625	7.8	8.5	16.3	6.8	2.8	3.9	600.0
1975	4.4	1,371	6.0	9.5	15.5	8.0	4.2	3.8	640.0
1976	4.2	1,555	6.6	7.5	14.1	5.2	1.8	3.4	540.0
1977	3.3	1,544	5.1	8.9	14.0	4.7	.5	4.2	600.0
1978	2.7	1,392	3.8	9.3	13.1	5.0	.1	4.9	750.0
1979	2.7	1,472	4.0	8.1	12.1	5.4	.5	4.9	850.0
1980	3.0	1,513	4.5	6.8	11.3	5.9	2.3	3.6	980.0
1981	2.6	1,592	4.1	5.3	9.4	4.5	2.9	1.6	1000.0
1982	1.1	1,421	1.6	4.9	6.5	3.2	2.2	1.0	1250.0
1983 <sup>2</sup>	1.0	1,590	1.6	3.3	4.9	—	—	—	—
Total shade-grown (types 61-62) <sup>6</sup>									
1974	6.6	1,652	11.0	15.0	26.0	10.4	6.0	4.4	536.1
1975	5.5	1,409	7.7	15.7	23.4	9.8	5.6	4.2	585.7
1976	4.6	1,565	7.2	13.6	20.8	7.7	3.8	3.8	528.2
1977	3.4	1,547	5.3	13.1	18.4	5.8	1.0	4.8	591.4
1978	2.7	1,392	3.8	12.7	16.5	6.3	1.0	5.3	750.0
1979	2.7	1,472	4.0	10.2	14.2	6.5	1.1	5.4	850.0
1980	3.0	1,513	4.5	7.8	12.3	6.1	2.2	3.9	980.0
1981	2.6	1,592	4.1	6.2	10.2	5.0	3.4	1.6	1000.0
1982	1.1	1,421	1.6	5.2	6.8	3.4	2.4	1.0	1250.0
1983 <sup>2</sup>	1.0	1,590	1.6	3.4	5.0	—	—	—	—
Grand total cigar tobacco (types 41-62)									
1974	35.2	1,848	65.1	121.2	186.3	67.7	62.8	4.9	142.5
1975	34.8	1,678	58.4	118.6	177.1	60.3	55.4	4.9	135.1
1976	35.7	1,709	61.0	116.8	177.7	58.2	53.7	4.4	121.4
1977	34.7	1,900	65.9	119.5	185.4	55.2	50.0	5.2	114.9
1978	33.1	1,752	58.0	130.1	188.2	58.6	53.2	5.5	122.1
1979	31.6	1,684	53.2	129.9	183.1	59.7	53.8	5.9	156.4
1980	32.9	1,875	61.7	123.4	185.1	57.1	52.5	4.6	175.3
1981	33.6	1,914	64.3	130.0	194.3	58.0	56.1	1.9	158.3
1982	26.1	1,933	50.5	136.3	186.8	48.9	47.3	1.6	131.2
1983 <sup>2</sup>	20.4	1,770	26.1	137.8	173.9	—	—	—	—

<sup>1</sup>October 1 for types 41-55; July 1 for types 61-62 <sup>2</sup>November 1 crop estimate <sup>3</sup>Economic Research Service estimates based on Crop Reporting Service State estimates and estimates by type within States with State funds when available. <sup>4</sup>Puerto Rican planting occurs late in calendar year. Price per pound excludes payment by Puerto Rican Government. <sup>5</sup>See total for types 54 and 55. <sup>6</sup>Not available. <sup>7</sup>Includes Georgia-Florida shade-grown, type 62, which has not been grown since 1978. July 1, 1983, stocks were 0.1 million pounds. See TS-176 for annual supply and disappearance \*Less than 50,000 pounds.



**Table 25.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, price and crop value, United States and Puerto Rico, 1950-83 (farm-sales weight)**

Crop year	Acreage	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance <sup>1</sup>			Average price per pound to growers	Crop value
						Total	Domestic	Exports		
	1,000 acres	Pounds			Million pounds			Cents	Million dollars	
United States										
Average:										
1950-54	1,690	1,292	2,184	3,382	5,566	2,006	1,479	527	51.2	1,118
1955-59	1,242	1,541	1,914	4,095	6,009	1,951	1,397	554	56.0	1,072
1960-64	1,159	1,879	2,178	3,911	6,089	2,037	1,468	569	60.0	1,307
1965-69	941	1,959	1,844	4,180	6,024	2,008	1,377	631	67.9	1,252
1970	898	2,122	1,906	3,678	5,584	1,919	1,278	639	72.9	1,389
1971	839	2,034	1,705	<sup>2</sup> 3,667	5,372	1,883	1,312	571	78.6	1,340
1972	842	2,076	1,749	<sup>2</sup> 3,488	5,237	1,951	1,312	639	83.0	1,451
1973	889	1,963	1,746	<sup>2</sup> 3,289	5,035	2,081	1,348	732	90.0	1,572
1974	963	2,067	1,994	<sup>2</sup> 2,948	4,942	1,937	1,284	653	108.6	2,160
1975	1,083	2,015	2,182	<sup>2</sup> 3,003	5,185	1,941	1,286	655	102.6	2,239
1976	1,045	2,045	2,136	3,297	5,433	1,907	1,229	678	112.5	2,404
1977	958	1,997	1,913	<sup>2</sup> 3,540	5,452	1,895	1,202	693	118.6	2,268
1978	948	2,135	2,054	<sup>2</sup> 3,560	5,584	1,955	1,190	765	132.4	2,679
1979	827	1,845	1,527	<sup>2</sup> 3,601	5,128	1,869	1,175	694	141.1	2,154
1980	921	1,940	1,786	3,259	5,045	1,759	1,109	649	152.3	2,720
1981	976	2,114	2,064	3,286	5,350	1,762	1,065	697	170.6	3,520
1982	908	2,183	1,982	<sup>2</sup> 3,581	5,563	1,662	1,034	628	176.5	3,498
1983 <sup>3</sup>	793	1,744	1,384	3,901	5,285				<sup>4</sup> 175.8	2,422
United States and Puerto Rico										
Average:										
1950-54	1,728	1,282	2,215	3,430	5,645	2,036	1,508	527	50.9	1,127
1955-59	1,270	1,528	1,941	4,147	6,088	1,981	1,426	555	55.6	1,080
1960-64	1,188	1,861	2,211	3,957	6,168	2,066	1,497	569	59.7	1,319
1965-69	950	1,898	1,855	4,223	6,078	2,028	1,396	631	67.7	1,255
1970	902	2,120	1,912	3,698	5,609	1,928	1,288	639	72.9	1,391
1971	844	2,031	1,714	<sup>2</sup> 3,682	5,394	1,893	1,321	571	78.5	1,342
1972	848	2,068	1,759	<sup>2</sup> 3,501	5,260	1,959	1,320	639	82.9	1,453
1973	894	1,960	1,752	<sup>2</sup> 3,298	5,050	2,087	1,355	732	89.8	1,574
1974	966	2,066	1,998	<sup>2</sup> 2,958	4,956	1,941	1,288	653	108.5	2,162
1975	1,087	2,013	2,186	3,009	5,195	1,945	1,290	655	102.5	2,241
1976	1,048	2,042	2,140	3,305	5,445	1,912	1,234	678	112.4	2,406
1977	960	1,995	1,915	<sup>2</sup> 3,546	5,461	1,899	1,206	693	118.5	2,270
1978	950	2,133	2,027	<sup>2</sup> 3,567	5,594	1,958	1,193	765	132.3	2,684
1979	829	1,843	1,529	<sup>2</sup> 3,608	5,137	1,870	1,176	694	141.0	2,161
1980	922	1,939	1,788	3,267	5,055	1,761	1,111	649	152.2	2,721
1981	977	2,112	2,064	3,294	5,357	1,763	1,066	696	170.5	3,521
1982	908	2,183	1,983	3,588	5,571	1,663	1,035	628	176.4	3,499

<sup>1</sup>For flue-cured and cigar wrapper, year beginning July 1; for all other types, October 1. <sup>2</sup>Includes tobacco carried over on farms; 1968, 13 million pounds; 1971, 16 million; 1972, 17 million; 1973, 7 million for flue-cured and 13 million for burley; 1974, 5 million; 1977, 21 million; 1978, 23 million, 1979, 29 million, 1982, 30 million, 1983, 70 million. <sup>3</sup>November estimate. <sup>4</sup>Estimated.

**Table 26.—United States exports of unmanufactured tobacco by types, to principal importing countries, crop years 1980/81-1982/83<sup>1</sup>  
(Declared weight)**

Importing country	1980/81	1981/82	1982/83	Importing country	1980/81	1981/82	1982/83 <sup>2</sup>
<i>Million pounds</i>				<i>Thousand pounds</i>			
Flue-cured, types 11-14				Va. fire & sun-cured, types 21 & 37			
United Kingdom	32.2	27.5	21.1	Switzerland	93	66	0
West Germany	51.4	44.1	39.4	Norway	701	1,093	400
Japan	58.2	68.2	66.0	Sweden	291	187	337
Netherlands	20.3	15.8	8.9	West Germany	101	375	213
Thailand	17.0	18.9	6.7	Other countries	472	527	343
Australia	8.7	8.3	7.9	Total	1,658	2,249	1,294
Italy	15.5	15.3	18.8	One Sucker, type 35			
Sweden	7.5	4.0	4.4	Bahamas	2	0	0
Norway	2.7	2.6	3.2	Zaire	0	0	0
Finland	6.1	6.0	4.2	Other countries	0	126	94
Denmark	7.3	7.9	9.5	Total	2	126	94
Ireland	2.2	4.3	1.5	Green River, type 36			
Belgium-Luxembourg	5.6	4.9	10.2	United Kingdom	40	7	42
Switzerland	8.6	6.9	10.4	Benin (Dahomey)	0	0	0
Republic of Korea	.1	10.9	0	Zaire	0	0	0
Philippines	6.2	5.1	7.0	Other countries	0	0	28
Spain	24.9	28.0	27.8	Total	40	7	70
Malaysia	4.6	8.2	7.2	Cigar Filler, types 41-44			
Taiwan	13.2	22.0	17.0	Canada	18	0	0
Egypt	10.9	13.5	5.4	France	163	13	64
Other countries	57.8	48.1	44.4	Other countries	295	174	261
Total	361.0	369.0	320.9	Total	476	187	325
Burley, type 31				Binder, types 51-55			
Italy	11.5	11.6	14.9	Dominican Republic	60	0	57
Sweden	2.1	1.0	3.1	Switzerland	0	0	0
Denmark	.8	1.5	3.0	Canada	110	77	76
Netherlands	.8	.6	1.2	Other countries	15	9	32
Japan	13.6	17.3	18.4	Total	185	86	165
West Germany	19.2	17.1	14.3	Cigar Wrapper, types 61-62			
Switzerland	5.0	8.6	9.2	United Kingdom	441	161	0
United Kingdom	.6	1.7	.2	West Germany	40	0	11
Thailand	3.6	8.7	2.5	Canada	20	46	42
Philippines	3.3	5.9	7.0	Dominican Republic	2,337	829	328
Other countries	12.3	26.2	16.6	Netherlands	238	320	366
Total	73.0	100.3	90.0	Other countries	459	42	123
Maryland, type 32				Total	3,532	1,398	880
Belgium-Luxembourg	.6	.6	.7	Black Fat			
West Germany	1.3	.7	1.8	Benin (Dahomey)	1,764	1,722	771
Switzerland	3.9	3.8	5.4	Cameroon	0	0	50
Other countries	.8	1.1	2.0	Niger	430	542	0
Total	6.6	6.1	9.8	Nigeria	359	146	0
Ky.-Tenn. fire cured, types 22-23				Togo	0	132	0
Sweden	.4	.4	.6	Other countries	492	225	148
Netherlands	9.6	10.3	11.8	Total	3,045	2,767	969
Belgium-Luxembourg	.5	.6	.6	Stems, Trimmings, and Scrap <sup>2</sup>			
France	2.0	.8	1.3	Sweden	4.5	1.7	1.9
Switzerland	.2	.4	.3	Denmark	1.0	5.7	5.9
Other countries	2.7	3.6	3.6	United Kingdom	8.7	5.0	6.9
Total	15.4	16.1	18.6	West Germany	12.2	9.8	9.7
Stems, Trimmings, and Scrap <sup>2</sup>				Japan	23.8	27.5	27.4
Sweden	4.5	1.7	1.9	Other countries	28.7	26.7	27.2
Denmark	1.0	5.7	5.9	Total	79.1	76.4	79.1
United Kingdom	8.7	5.0	6.9				
West Germany	12.2	9.8	9.7				
Japan	23.8	27.5	27.4				
Other countries	28.7	26.7	27.2				
Total	79.1	76.4	79.1				

<sup>1</sup>July-June crop year for flue-cured and cigar wrapper; October-September crop year for all other types. <sup>2</sup>Subject to revision.

Detail may not add to total because of rounding. Compiled from publications and records of the Bureau of the Census.

**Table 27.—United States and world production and exports of flue-cured, burley, and all unmanufactured tobacco, 1955-82**

Period	Flue-cured			Burley			All tobacco		
	United States	World total	United States as % of total	United States	World total	United States as % of total	United <sup>1</sup> States	World total	United States as % of total
	<i>Million pounds</i>		<i>Percent</i>	<i>Million pounds</i>		<i>Percent</i>	<i>Million pounds</i>		<i>Percent</i>
Production (farm-sales weight)									
Average:									
1955-59	1,208	2,914	41	486	595	82	1,941	8,519	23
1960-64	1,336	3,302	40	624	778	80	2,211	8,898	25
1965-69	1,093	3,666	30	574	824	70	1,856	9,856	19
1970	1,193	3,937	30	561	906	62	1,912	10,021	19
1971	1,078	3,918	28	473	868	55	1,714	9,865	17
1972	1,012	4,076	25	601	1,094	55	1,759	10,155	17
1973	1,157	4,404	27	450	944	48	1,752	10,670	16
1974	1,241	4,788	26	613	1,113	55	1,998	11,385	18
1975	1,415	5,100	28	639	1,240	52	2,186	11,837	18
1976	1,316	5,021	26	679	1,294	52	2,140	12,284	17
1977	1,130	5,816	19	617	1,276	48	1,915	12,499	15
1978	1,232	6,239	20	626	1,311	48	2,207	13,006	16
1979	946	5,448	17	446	1,239	36	1,529	11,876	13
1980	1,086	5,306	20	561	1,265	44	1,788	11,439	16
1981 <sup>2</sup>	1,169	6,557	18	730	1,430	51	2,064	13,093	16
1982 <sup>3</sup>	1,006	7,866	13	810	1,657	49	1,983	15,169	13
Exports (unmanufactured, export weight)									
Average:									
1955-59	413	683	60	28	47	60	500	<sup>4</sup> 1,434	35
1960-64	397	772	52	42	74	57	497	<sup>4</sup> 1,691	30
1965-69	415	790	53	46	106	44	553	<sup>4</sup> 1,787	31
1970	368	797	46	41	125	33	510	<sup>4</sup> 1,838	28
1971	342	831	41	36	128	28	473	<sup>4</sup> 1,890	25
1972	425	1,046	41	54	175	31	606	<sup>4</sup> 2,341	26
1973	418	1,088	38	59	210	28	613	<sup>4</sup> 2,288	27
1974	441	1,232	36	61	265	23	662	3,116	21
1975	391	1,176	33	62	231	27	571	2,854	20
1976	379	1,208	31	68	258	26	587	2,904	20
1977	412	1,238	33	79	291	27	640	2,801	23
1978	455	1,366	33	91	319	29	707	3,119	23
1979	371	1,236	30	82	313	26	567	3,034	19
1980	391	1,340	29	91	336	27	599	2,993	20
1981 <sup>2</sup>	386	1,474	26	74	345	21	585	3,263	18
1982 <sup>3</sup>	348	1,393	25	104	408	25	572	3,153	18

<sup>1</sup>Includes Puerto Rico. <sup>2</sup>Subject to revision. <sup>3</sup>Preliminary. <sup>4</sup>Total excludes Sino-Soviet countries.

Foreign data supplied by the Tobacco and Cotton Division, Foreign Agricultural Service.

**Table 28.—United Kingdom tobacco imports, by major suppliers, 1973-82**

Year	United States	India	Canada	South Korea	Brazil	Other	Total	United States as a percentage of	
								Total	North American Imports <sup>1</sup>
								<i>Percent</i>	<i>Percent</i>
<i>Million pounds</i>									
1973	127	54	42	11	14	80	328	39	75
1974	104	65	65	22	16	90	362	29	62
1975	88	54	44	21	18	89	314	28	67
1976	78	55	35	26	32	93	319	25	69
1977	52	61	35	34	38	94	314	17	60
1978	216	59	49	31	46	113	514	42	82
1979	120	50	50	14	57	122	413	29	71
1980	39	40	20	17	48	110	274	14	66
1981	43	44	34	13	59	116	309	14	56
1982 <sup>2</sup>	29	44	26	11	50	121	281	10	53

<sup>1</sup>U.S. and Canada. <sup>2</sup>Preliminary.

Compiled from reports of Commodity Programs, Foreign Agricultural Service, USDA.

**Table 29—Japan tobacco imports, by major suppliers, 1973-82**

Year	United States	People's Republic of China	India	Thailand	Bulgaria, Greece, Turkey, Yugoslavia	Other countries	Total	United States as a percentage of	
								Total	Nonoriental imports <sup>1</sup>
<i>Million pounds</i>								<i>Percent</i>	
1973	69	1	10	6	25	16	127	54.1	67.6
1974	85	4	11	7	30	33	170	50.0	60.8
1975	106	8	12	8	25	43	202	52.5	59.9
1976	126	15	11	8	17	40	216	57.8	62.8
1977	99	9	9	7	29	30	183	54.1	64.3
1978	115	8	7	9	26	29	195	59.0	68.0
1979	109	5	6	7	20	24	171	63.7	72.2
1980	82	5	4	6	22	24	144	57.0	67.2
1981	114	4	4	6	25	29	184	62.0	72.3
1982 <sup>2</sup>	110	4	4	7	29	30	184	60.0	71.0

<sup>1</sup>Total less Bulgaria, Greece, Turkey, and Yugoslavia. <sup>2</sup>Subject to revision.

Compiled from Foreign Agricultural Service trade circulars, USDA.

**Table 30.—West Germany tobacco: Imports, by major suppliers, 1973-82**

Year	United States	Italy	Brazil	Greece, Turkey	Poland	Thailand	Other	Total	U.S. share of total
									Percent
<i>Million pounds</i>									
1973	100	31	16	32	8	8	176	371	27
1974	44	24	8	54	5	3	53	197	23
1975	88	30	14	49	9	10	91	291	30
1976	94	40	25	39	11	10	98	317	30
1977	88	45	32	38	9	11	95	318	28
1978	96	40	30	45	10	15	108	344	28
1979	82	42	6	46	6	15	130	327	25
1980	76	35	31	43	5	21	135	346	22
1981	83	42	37	37	2	20	155	375	22
1982 <sup>1</sup>	90	47	25	38	3	14	148	365	25

<sup>1</sup>Preliminary.

Compiled from Foreign Agricultural Service trade circular, USDA.

**Table 31.—Cash receipts from tobacco as percentage of cash receipts from crops and from all farm commodities, by States, 1981 and 1982**

State	1981				1982 <sup>1</sup>			
	Tobacco	Tobacco as:		Tobacco	Tobacco as:		U.S. share of total	
		Percentage of crops	Percentage of all farm commodities		Percentage of crops	Percentage of all farm commodities		
	<i>Million dollars</i>	<i>Percent</i>		<i>Million dollars</i>	<i>Percent</i>			
North Carolina	1,296	50.7	31.2	1,233	48.9	30.0		
Kentucky	766	52.2	27.2	923	56.6	31.8		
South Carolina	240	33.0	21.3	219	28.7	18.9		
Virginia	243	33.7	14.8	218	32.3	13.0		
Tennessee	253	21.7	12.5	280	22.9	13.3		
Georgia	191	12.5	5.8	189	12.2	5.9		
Florida	41	1.3	1.0	36	1.0	.8		
Maryland	43	11.9	4.1	58	17.0	5.5		
Connecticut	35	30.5	11.7	33	28.0	10.6		
Wisconsin	19	2.5	.7	22	2.6	.7		
Ohio	29	1.5	.9	43	2.0	1.2		
Indiana	31	1.2	.7	25	.9	.5		
Massachusetts	14	7.3	4.3	15	4.4	7.3		
Pennsylvania	30	2.7	.6	29	2.5	.6		
Missouri	11	.6	.3	12	.7	.3		
West Virginia	6	10.8	2.6	6	10.4	2.5		
United States <sup>2</sup>	3,250	4.4	2.3	3,342	4.5	2.3		

<sup>1</sup>Subject to revision. <sup>2</sup>U.S. total receipts from tobacco include relatively small receipts from a few States not shown separately.

Detail may not add to total due to rounding.

**STATISTICAL SUMMARY**

Item	Unit or base period	1982			1983		Last data as percentage of a year earlier
		October	November	September	October	November	
<b>Average price at auctions</b>							
Flue-cured	Ct. per lb.	180.6	172.4	190.0	174.0	153.0	89
Burley	Ct. per lb.	closed	181.6	closed	closed	180.5	99
Maryland	Ct. per lb.	closed	closed	closed	closed	closed	—
Virginia fire-cured	Ct. per lb.	closed	127.9	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	—
<b>Price support level<sup>1</sup></b>							
Flue-cured	Ct. per lb.	169.9			169.9		100
Burley	Ct. per lb.	175.1			175.1		100
Virginia fire-cured	Ct. per lb.	118.8			118.8		100
Ky.-Tenn. fire-cured	Ct. per lb.	123.0			123.0		100
Ky. Tenn. dark air-cured	Ct. per lb.	105.7			105.7		100
Virginia sun-cured	Ct. per lb.	109.4			109.4		100
Connecticut Valley cigar binder	Ct. per lb.	121.2			121.2		100
Wis. binder and Ohio filler	Ct. per lb.	90.7			90.7		100
Puerto Rican filler	Ct. per lb.	90.9			90.9		100
Parity index <sup>2</sup>	1910-14=100	1074	1075	1107	1106	1112	103
Industrial production index <sup>3</sup>	1967=100	135.7	134.9	153.6	154.8	—	114
Employment	Mil.	99.2	99.1	101.9	101.9	—	103
Personal income <sup>4</sup>	Bil. dol.	2617.8	2633.1	2786.1	2818.9	—	108
		1982			1983		
		September	October	August	September	October	
<b>Taxable removals</b>							
Cigarettes	Bil.	56.7	54.1	54.5	52.5		93
Cigars and cigarillos	Mil.	325.4	311.7	359.0	332.6		102
<b>Accumulated from Jan. 1</b>							
Cigarettes	Bil.	477.3	131.4	399.0	451.5		95
Cigars and cigarillos	Mil.	2762.1	3073.8	2319.1	2651.7		96
<b>Invoiced to domestic customers</b>							
<b>Accumulated from Jan. 1</b>							
Smoking tobacco	Mil. lb.	20.8			20.4		98
Chewing tobacco	Mil. lb.	66.7			65.8		99
Snuff	Mil. lb.	33.0			34.4		104
<b>Tax-exempt removals</b>							
Cigarettes	Bil.	6.8	6.4	6.0	6.3		93
Exports	Bil.	5.9	6.7	4.6	5.3		90
Cigars and cigarillos	Mil.	14.0	13.4	12.0	14.9		106
<b>Accumulated from Jan. 1</b>							
Cigarettes	Bil.	68.9	75.3	46.7	53.0		77
Exports	Bil.	55.1	61.9	40.1	45.4		82
Cigars and cigarillos	Mil.	120.8	134.2	91.0	105.9		88
<b>Invoiced for export</b>							
<b>Accumulated from Jan. 1</b>							
Smoking tobacco	Mil. lb.	.6			.5		83
Chewing tobacco	Mil. lb.	.2			.1		50
<b>Producer price indexes<sup>5</sup></b>							
Tobacco products	1967=100	328.8	366.0	373.3	376.5	376.7	103
Cigarettes (filtertip, king size)	1967=100	336.4	379.7	367.9	374.4	N.A.	111
Cigars	1967=100	176.5	176.5	177.2	177.3	177.3	100
Smoking tobacco	1967=100	331.9	331.9	N.A.	359.6	359.6	108
Plug chewing tobacco	1967=100	393.2	436.6	N.A.	N.A.	N.A.	—
Snuff	1967=100	359.6	381.7	371.1	371.1	371.1	97
<b>Consumer price indexes (urban)</b>							
Tobacco products	1967=100	246.8	257.3	297.3	298.0	299.0	116
Cigarettes	1967=100	250.6	262.2	306.1	305.5	307.4	117
Other tobacco products <sup>6</sup>	Dec. 1977=100	142.6	142.9	150.9	151.2	151.4	106
<b>Imports of tobacco (for consumption)</b>							
Cigarette leaf	Mil. lb.	18.0	18.1	16.5	16.7	29.0	160
Cigar tobacco (leaf and scrap)	Mil. lb.	3.4	3.8	4.2	2.6	4.4	116
Other tobacco (leaf and scrap)	Mil. lb.	11.0	14.1	13.4	9.2	8.7	62
<b>Accumulated from Jan. 1</b>							
Cigarette leaf	Mil. lb.	146.0	164.1	139.2	155.9	184.8	113
Cigar tobacco (leaf and scrap)	Mil. lb.	34.1	36.5	28.1	30.6	35.0	96
Other scrap and tobacco NSPF <sup>7</sup>	Mil. lb.	93.6	107.7	206.9	216.0	224.7	207

See footnotes at end of table.

**STATISTICAL SUMMARY—CONTINUED**

Item	Unit or base period	1982			1983		Last data as percentage of a year earlier
		September	October	August	September	October	
<b>Exports of leaf tobacco (farm-sales weight)</b>							
Flue-cured	Mil. lb.	24.8	77.7	30.8	26.3	45.8	59
Burley	Mil. lb.	3.6	7.8	8.2	4.6	13.1	168
Maryland	Mil. lb.	.4	2.2	1.4	2.4	.6	27
Virginia fire- & sun-cured	Mil. lb.	.6	.8	*	.1	.1	13
Ky.-Tenn. fire-cured	Mil. lb.	1.3	2.0	1.3	1.3	2.1	105
Ky.-Tenn. dark air-cured	Mil. lb.	*	*	*	*	.4	—
Cigar wrapper	Mil. lb.	.1	.1	.1	.1	.1	100
Cigar binder	Mil. lb.	*	*	*	*	*	—
<b>Accumulated from beginning of marketing year<sup>8</sup></b>							
Flue-cured	Mil. lb.	75.0	152.7	53.9	80.2	126.0	83
Burley	Mil. lb.	141.0		130.2	135.8		96
Maryland	Mil. lb.	8.1		10.5	12.9		159
Virginia fire- & sun-cured	Mil. lb.	2.8		1.5	1.6		57
Ky.-Tenn. fire-cured <sup>9</sup>	Mil. lb.	18.5		19.2	20.6		111
Ky.-Tenn. dark air-cured <sup>9</sup>	Mil. lb.	1.9		.7	.8		42
Cigar wrapper	Mil. lb.	.3	.4	.1	.2	.3	75
Cigar binder	Mil. lb.	.1		.1	.2		50
Cigar filler	Mil. lb.	.2		.4	.4		50
<b>Exports of manufactured tobacco in bulk and not elsewhere classified<sup>10</sup></b>							
Accumulated from Jan. 1	Mil. lb.	1.7	.3	3.4	0.7	.4	133
	Mil. lb.	15.9	16.2	18.2	18.7	19.1	120
<b>Quarterly data</b>							
		1982		1983			
		July-Sept.	Oct.-Dec.	July-Sept.	Oct.-Dec.		
<b>Stocks of tobacco—1st of quarter (farm-sales weight)<sup>11</sup></b>							
<b>Domestic types</b>							
Flue-cured	Mil. lb.	2145	2647	2205	2605		98
Burley	Mil. lb.	1246	1121	1443	1319		118
Maryland	Mil. lb.	55	47	60	51		109
Fire-cured	Mil. lb.	83	71	89	79		111
Dark air- and sun-cured	Mil. lb.	43	40	47	44		110
Cigar filler	Mil. lb.	67	64	72	67		105
Cigar binder	Mil. lb.	71	67	74	68		101
Cigar wrapper	Mil. lb.	5	5	3	4		80
Under Government loan <sup>12</sup>	Mil. lb.	570	692	1,008	1,116		161
<b>Foreign types</b>							
Cigarette and smoking	Mil. lb.	874	879	906	885		101
Oriental	Mil. lb.	403	367	422	377		103
Flue-cured	Mil. lb.	200	222	213	237		107
Burley	Mil. lb.	271	289	271	271		94
Cigar	Mil. lb.	81	89	87	85		96
<b>Tobacco outlets<sup>13</sup></b>							
<b>Seasonally adjusted data, annual rates</b>							
<b>Cigarettes</b>							
Production	Bil.	728.0	638.8	686.6	628.0		98
Tax-paid removals	Bil.	650.8	560.4	603.6	525.0		94
<b>Cigar production</b>							
Large	Bil.	3.30	3.26	3.79	3.23		99
Small	Bil.	1.31	1.41	1.40	1.44		102
Smoking production	Mil. lb.	28.1	29.8	25.3	28.2		95
<b>Chewing production</b>							
Loose leaf	Mil. lb.	73.4	69.1	67.2	68.0		98
Plug and other <sup>14</sup>	Mil. lb.	(14)	(14)	(14)	(14)		—
Snuff production <sup>14</sup>	Mil. lb.	(14)	(14)	(14)	(14)		—
<b>Exports of leaf</b>							
Total	Mil. lb.	712	772	594	610		79
Flue-cured	Mil. lb.	432	572	343	460		80

<sup>1</sup>1982 and 1983 crops, respectively. <sup>2</sup>Prices paid by farmers including interest, taxes, and wage rates. <sup>3</sup>Seasonally adjusted. <sup>4</sup>Seasonally adjusted, annual rate. <sup>5</sup>Federal and applicable State and local taxes included. <sup>6</sup>Includes tobacco accessories. <sup>7</sup>Farm-sales weight equivalent. <sup>8</sup>July 1 for flue-cured and cigar wrapper and October 1 for others. <sup>9</sup>Includes Black Fat. <sup>10</sup>Smoking tobacco in bulk through December 1977. Beginning January 1978 blended strips no longer included. <sup>11</sup>Holdings of manufacturers and dealers, including grower cooperatives. <sup>12</sup>Reported by grower cooperatives. <sup>13</sup>Latest quarter is estimated. <sup>14</sup>New product classification.

\*Less than 50,000 pounds. \*\*Estimated. Items may not add because of rounding. Data comparable to earlier years not available.

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