

0  
81  
7  
67  
R.  
9

# obacco ituation

Economics, Statistics,  
and Cooperatives Service

TS-167

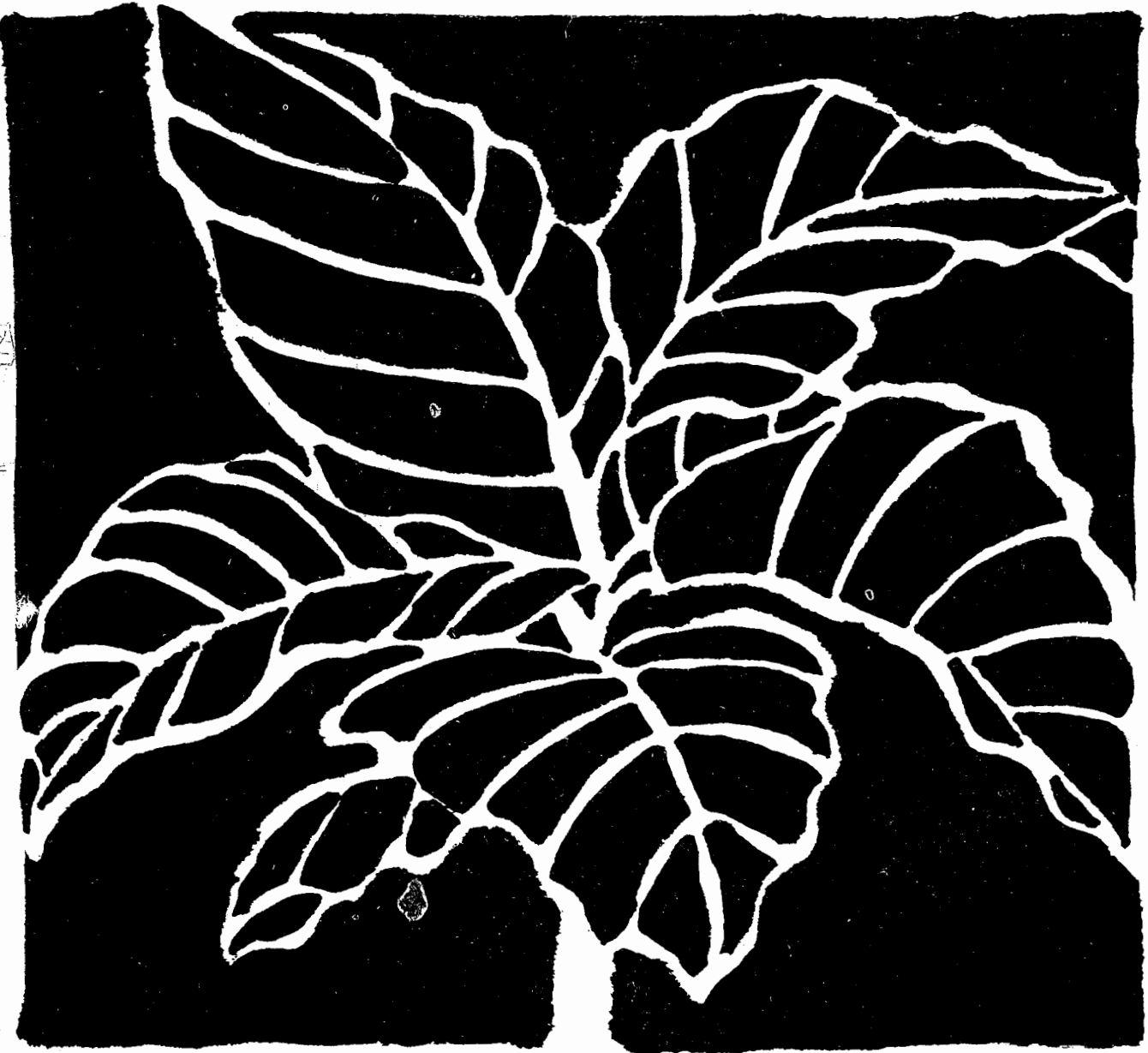
U.S. Department of  
Agriculture

MARCH  
1979

LIBRARY  
ITHACA, N.Y. 14853

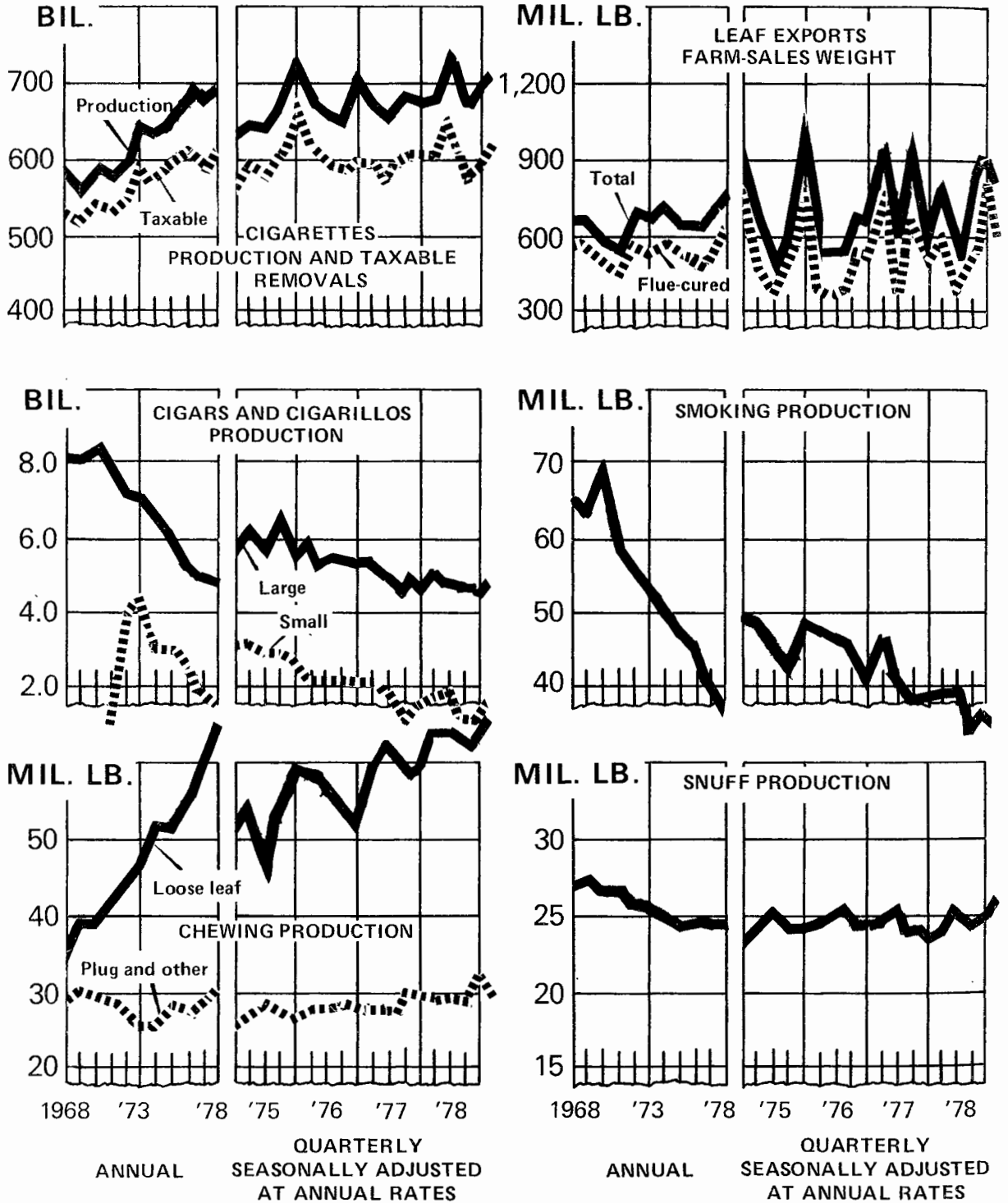
Approved by the  
World Food and  
Agricultural Outlook  
and Situation Board

MAR 27 1979



# TOBACCO OUTLETS

## Trends in Manufactured Products and Exports



USDA

LAST QUARTER SHOWN ESTIMATED.

NEG. ESCS 229-79 (2)

# THE TOBACCO SITUATION

## CONTENTS

	<i>Page</i>
Summary .....	3
Tobacco Products .....	4
U.S. Exports and Imports .....	9
Tobacco Leaf Situation and Outlook .....	15
International Developments .....	33
Recent Publications .....	38
Statistical Summary .....	39
List of Tables .....	41

• • •

Approved by  
The World Food and Agricultural  
Outlook and Situation Board  
and Summary released  
March 7, 1979

Principal contributors:  
Robert H. Miller  
Richard Hall  
202-447-7290

Commodity Economics Division  
Economics, Statistics, and Cooperatives Service

U.S. Department of Agriculture  
Washington, D.C. 20250

• • •

*The Tobacco Situation* is published in March, June, September, and December. Subscription for single issues is available at no charge upon request to principal contributors.

## SUMMARY

With smaller quotas for flue-cured and burley tobacco, the prospective 1979 crop will be about 10 percent less than last year's 2 billion pounds, dropping the 1979/80 supply below this year's total.

Effective (farm) quotas for 1979 are down 9 percent for flue-cured and 2 percent for burley tobaccos. A reduced basic quota applies for flue-cured. The smaller quotas suggest U.S. growers may reduce plantings this year some 6 percent from the 949,000 acres in 1978. Higher labor costs and price rises for other inputs mean it may cost about 7 percent more to produce this year's tobacco crop.

The tobacco price support level is 6.9 percent higher than last year, because the support formula reflects changes in prices paid by farmers. This year, USDA will again relax the acreage restrictions for flue-cured growers who participate in the 4-leaf program. USDA proposes to discontinue the processed tobacco carryover program and make several leasing changes.

Despite the same beginning stocks, a larger 1978 tobacco crop raised the domestic leaf supply for 1978/79 to 5.5 billion pounds, up 2 percent from the previous year. Even if disappearance is the same as last year, October 1 carryover stocks (July 1 for flue-cured) are expected to increase.

On January 1, 1979, nonfarm stocks of tobacco were the same as a year earlier. By the end of this marketing year, stocks should total about 2 percent above the beginning level of 3.53 billion pounds.

Calendar year 1978 cigarette output increased 4 percent above 1977 to a record 696 billion. Exports and inventories gained while the domestic cigarette market steadied. Smokeless tobacco products (chewing tobacco and snuff) registered another production gain in 1978. Output of both smoking tobacco and cigars fell below 1977. Similar changes are expected in 1979.

U.S. smokers puffed 616 billion cigarettes in 1978, virtually the same as the previous year. Consumption per adult fell 2 percent to 3,970 cigarettes (198½ packs)—the lowest level since 1958. Population increases this year will offset reduced

per capita use and keep total cigarette consumption steady.

The value of exports of U.S. tobacco leaf and products rose 23 percent to a record \$2.1 billion in calendar 1978 due to higher prices and larger volume of both unmanufactured and manufactured tobacco. Unmanufactured tobacco volume totaled 700 million pounds (equivalent to 814 million pounds, farm-sales weight). Exports in 1979 are expected to remain near last year's high level.

Unmanufactured tobacco imports (duty paid) increased 6 percent to 336 million pounds last year. Both leaf and scrap categories gained. Last year's imports accounted for one-fifth of the tobacco used in U.S. cigarette production; a similar proportion is likely this year.

Flue-cured tobacco disappearance in the current marketing year is expected to gain from last year's 1.14 billion pounds. Exports will rise from last year's level, but domestic use is off. The larger 1978 crop means carryover in mid-1979 may go up 2 percent from the 2.05 billion pounds carryin.

Flue-cured production in 1979 may fall an eighth from last year's 1.2 billion pounds. The projected crop and estimated carryover means a supply 3 percent below the current season.

Total disappearance of burley tobacco in 1978/79 may change a little from last year's 609 million pounds. Auction sales that ended in early March totaled the same as a year earlier. So the burley carryover next October 1 will remain near the year-earlier level.

USDA set the 1979 burley marketing quota at 615 million pounds, unchanged from 1978. The 1979 farm quota, reflecting 1978's undermarketings, totals about 652 million pounds, about 15 million below last season's effective quota. This year's production is expected to decline.

Acreage allotments for dark air-cured and cigar binder, and Ohio cigar filler were set for 1979 at the same levels as last year. Fire-cured allotments were reduced. Price changes for the 1978 crop ranged from an 18-percent increase for cigar binder to an 18-percent decrease for dark air-cured.

## TOBACCO PRODUCTS

### Cigarette Use Stabilizes

Domestic consumption of U.S. cigarettes in 1978 totaled 616 billion, 1 billion below 1977. Despite a larger smoking age population, cigarette use has remained about the same over the past 3 years, in part because of increased anti-smoking publicity. That pattern is expected to continue through 1979.

Output last year increased 4 percent, to 696 billion cigarettes, as manufacturers increased their inventories and as exports set another record

(table 1). Per capita use by persons 18 and over dropped 2 percent below 1977 to 3,970 cigarettes (198.5 packs of 20)—about 9 percent below the 1963 peak of 4,345 (217 packs) and the lowest level since 1958 (table 2).

### Government Reports Released in January

*Smoking and Health*, a report of the U.S. Surgeon General, was released January 11 by the Department of Health, Education, and Welfare.

Table 1—Cigarettes: U.S. output, removals, and consumption, 1970-78

Year	Removals							Estimated inventory increase	Total U.S. consumption <sup>3</sup>
	Output	Taxable	Tax-exempt						
			Total	Exports	Shipments <sup>1</sup>	Overseas forces <sup>2</sup>			
<i>Billions</i>									
1970	583.2	532.8	51.2	29.2	3.7	18.4	14.7	536.5	
1971	576.4	528.9	49.2	31.8	2.7	14.7	-11.4	555.1	
1972	599.1	551.0	49.0	34.6	2.1	12.3	-3.3	566.8	
1973	644.2	590.3	55.9	41.5	2.0	12.4	13.1	589.7	
1974	635.0	576.2	59.2	46.9	1.9	10.4	-12.1	599.0	
1975	651.2	588.3	62.3	49.9	1.5	10.9	-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 <sup>4</sup>	695.9	614.2	85.1	74.4	1.2	9.6	8.2	616.0	

<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> Subject to revision.

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

Table 2—Consumption per capita of tobacco products in the United States (including overseas forces), 1969-78

Year	Per capita 18 years and over				Per male 18 years and over			
	Cigarettes <sup>1</sup>		Snuff	All tobacco products <sup>1</sup>	Large cigars and cigarillos	Smoking tobacco <sup>2</sup>	Chewing tobacco <sup>2</sup>	
	Number	Pounds	Pounds	Pounds	Number	Pounds	Pounds	Pounds
1969	3,993	8.11	.20	10.04	125.0	2.11	1.08	1.09
1970	3,985	7.77	.19	9.68	125.3	2.08	1.15	1.06
1971	4,037	7.75	.19	9.52	119.2	1.94	1.06	1.09
1972	4,043	7.95	.18	9.65	108.9	1.74	1.00	1.08
1973	4,148	7.92	.18	9.53	102.4	1.61	.88	1.10
1974	4,141	7.90	.18	9.40	91.9	1.47	.87	1.13
1975	4,122	7.73	.17	9.14	82.4	1.32	.76	1.15
1976	4,091	7.35	.17	8.69	75.0	1.20	.75	1.17
1977	4,043	7.20	.16	8.48	68.5	1.15	.65	1.22
1978 <sup>3</sup>	3,970	7.00	.16	8.22	63.4	1.15	.59	1.24

<sup>1</sup> Unstemmed processing weight. <sup>2</sup> Finished product weight. <sup>3</sup> Subject to revision.

The 1,200-page document makes a stronger case against smoking than the original Surgeon General's report of 1964. The report emphasizes the hazards of smoking for women and children and the extra risk for smokers in certain occupations. Low-tar and nicotine brands have become popular, but the report indicates that people who smoke these brands tend to inhale more deeply and to encounter more carbon monoxide. The report's only recommendation is that the public should be adequately informed about the dangers of smoking.

Also, in January, the Federal Trade Commission (FTC) released its annual report on cigarette labeling and advertising. Promotion and advertising expenses reached \$779 million in 1977, a 22-percent gain over the previous year.

The FTC recommended to Congress that the existing warning label on cigarette packages be strengthened and that the law require "tar" and nicotine content ratings appear in all advertising. The report also summarized trends in cigarette consumption, tar and nicotine content, and practices and methods of cigarette advertising and promotion.

The Federal Trade Commission plans to test and report the carbon monoxide content of cigarette smoke. The new test supplements tar and nicotine determinations which began in 1967.

#### Filters Continue Increasing

The annual ESCS survey of cigarette manufacturers indicated that the production of filter-tip cigarettes rose further in 1978 to 91 percent of the total—up from 89 percent in 1977. The gain was concentrated in the 100 millimeter (mm) size that made up 27 percent of the total 1978 output (table 3).

Since late 1975, major cigarette companies have heavily promoted new and existing brands of low-tar and low-nicotine cigarettes. Cigarettes containing 15 or fewer milligrams of tar account for one-third of the cigarette market. Sales of these high filtration cigarettes are increasing largely at

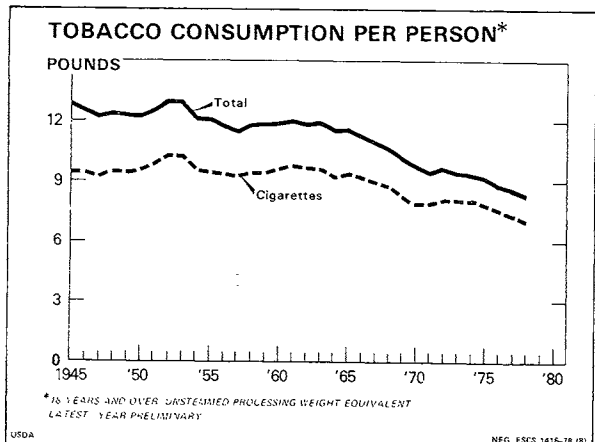
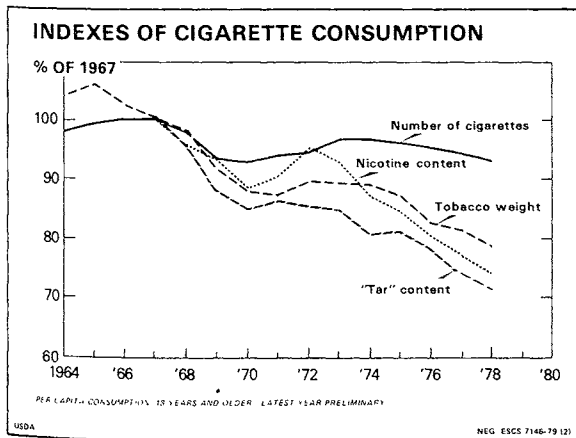
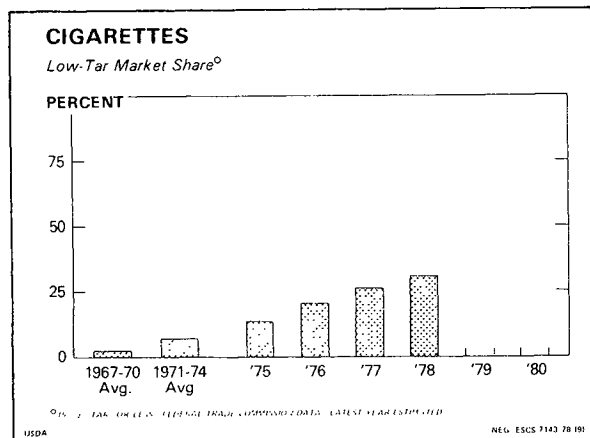


Table 3—Cigarette output of filter-tip and nonfilter-tip by length, 1976-78<sup>1</sup>

Item	1976		1977		1978 <sup>2</sup>	
	Output	Percent of total	Output	Percent of total	Output	Percent of total
	Billions	Percent	Billions	Percent	Billions	Percent
Filter-tip						
80 mm Long	82.7	11.9	70.0	10.5	78.6	11.3
85 mm King	356.3	51.4	344.4	51.7	353.8	50.8
100 mm Extra long	161.6	23.3	169.6	25.5	188.7	27.1
120 mm	13.0	1.9	11.3	1.7	11.6	1.7
Total	613.6	88.5	595.5	89.4	632.7	90.9
Nonfilter-tip						
70 mm Regular	34.8	5.0	30.5	4.6	28.0	4.0
85 mm King	45.0	6.5	39.9	6.0	35.2	5.1
Total	79.8	11.5	70.4	10.6	63.2	9.1
Grand total	693.4	100.0	665.9	100.0	695.9	100.0

<sup>1</sup> Cigarettes having other lengths were included in the most nearly comparable group. <sup>2</sup> Preliminary.

the expense of other brands. Low tar and nicotine cigarette sales were boosted in the second half of 1978 by a report indicating that certain brands today represent a 90-percent decrease in tar and nicotine from the average pre-1960 cigarette.<sup>1</sup>



**Cigarette Prices Rising**

In late December and in January, manufacturers raised cigarette prices 3.6 percent. The previous increase was in June 1978. Last year the average price of cigarettes rose 5.1 percent, compared with a 7.7-percent gain in the Bureau of Labor Statistics (BLS) index for all consumer items. This year, cigarette prices probably will rise further because of higher costs of tobacco and other raw materials.

<sup>1</sup>Gio B. Gori and Cornelius J. Lynch, "Toward Less Hazardous Cigarettes," *JAMA*, Sept. 15, 1978, Vol. 240, No. 12, pp. 1255-59.

Last year, one State raised its cigarette rate and one State reduced its rate. State cigarette tax rates (weighted by number of packs taxed) averaged 13 cents per pack in December 1978, slightly above a year earlier. Excise tax increases are proposed this year in a few States. The Federal excise tax is 8 cents a pack. In addition, many local governments tax cigarettes.

Table 4—U.S. cigarette exports to leading destinations, 1976-78

Country	1976	1977	1978 <sup>1</sup>
	<i>Billions</i>		
Belgium-Luxembourg	12.1	11.6	13.6
Hong Kong	5.9	5.6	6.2
Netherlands Antilles	4.1	4.1	4.5
Japan	2.2	3.3	3.8
Iran	5.8	8.2	8.4
Saudi Arabia	2.4	3.5	3.9
Spain	3.4	4.3	3.4
Federal Republic of Germany	2.3	2.4	1.7
Kuwait	2.2	1.6	1.8
United Arab Emirates	1.6	1.2	1.7
Canary Islands	1.1	1.8	1.6
Syria	1.1	.7	.5
Lebanon	.7	1.9	1.8
Panama	1.1	1.3	1.5
Other countries	14.4	15.3	20.0
Total	61.4	66.8	74.4

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

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

U.S. cigarette exports in 1978 rose 11 percent to another record. The declared value climbed to \$749 million, up 22 percent, reflecting an increase in both unit value and quantity (tables 4, 5, and 6).

**Table 5—Wholesale cigarette price revisions, 1966-78<sup>1 2</sup>**

Approximate date of change	Net price per 1,000				Net price per 1,000, excluding Federal excise tax			
	Standard	King size	Filter tips	100 millimeter	Standard	King size	Filter tips	100 millimeter
	<i>Dollars</i>							
March 1966	9.00	9.20	9.20	---	5.00	5.20	5.20	5.20
June 1967	9.25	9.45	9.45	9.95	5.25	5.45	5.45	5.95
November 1968	9.45	9.45	9.45	9.95	5.45	5.45	5.45	5.95
May 1969	9.80	9.80	9.80	10.30	5.80	5.80	5.80	6.30
May 1970	10.25	10.25	10.25	10.75	6.25	6.25	6.25	6.75
February-March 1973	(10.45-10.60)	(10.45-10.60)	(10.45-10.60)	(10.95-11.10)	(6.45-6.60)	(6.45-6.60)	(6.45-6.60)	(6.95-7.10)
January 1974	10.60	10.60	10.60	11.10	6.60	6.60	6.60	7.10
May 1974	11.30	11.30	11.30	11.80	7.30	7.30	7.30	7.80
November 1974	(11.80-12.00)	(11.80-12.00)	(11.80-12.00)	(12.30-12.50)	(7.80-8.00)	(7.80-8.00)	(7.80-8.00)	(8.30-8.50)
November 1975	(12.55-12.75)	(12.55-13.25)	(12.55-12.75)	(13.05-13.25)	(8.55-8.75)	(8.55-8.75)	(8.55-8.75)	(9.05-9.25)
October 1976	13.50	13.50	13.50	14.00	9.50	9.50	9.50	10.00
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

<sup>1</sup> Includes leading brands. A 3 1/4 percent discount is made for payment within 10 days or 2 percent within 14 days. <sup>2</sup> For 1943-63 see TS-151, March 1975.

**Table 6—Tobacco demand factors, 1969-78**

Year	Population July 1 <sup>1</sup>	Disposable personal income, per capita <sup>2</sup>		Consumer price indexes				
		Current prices	1972 prices	All items	Tobacco products	Cigarettes		Cigars, regular size
						Nonfilter tip, regular	Filtertip, king size	
	<i>Million</i>	<i>Dollars</i>		<i>1967=100</i>				
1969	132.5	3,111	3,515	109.8	111.9	112.7	112.3	104.3
1970	135.2	3,348	3,619	116.3	122.2	122.4	122.5	105.4
1971	137.5	3,588	3,714	121.3	126.4	127.9	128.1	107.1
1972	139.8	3,837	3,837	125.3	133.4	134.8	135.4	110.8
1973	142.2	4,285	4,062	133.1	137.0	138.7	139.1	112.9
1974	144.7	4,369	3,968	147.7	143.8	145.5	145.9	119.5
1975	147.3	5,077	4,014	161.2	153.9	156.0	156.5	124.2
1976	150.0	5,504	4,136	170.5	160.5	162.7	163.2	129.9
1977	152.6	6,009	4,271	181.5	168.0	170.6	171.0	135.0
1978	155.2	6,640	4,418	<sup>3</sup> 195.4	<sup>3</sup> 177.3	<sup>4</sup> 177.0	<sup>3</sup> 179.8	<sup>4</sup> 141.6

<sup>1</sup> 18 years and older including forces overseas. <sup>2</sup> Based on total population. <sup>3</sup> All urban consumers earlier data are for urban wage earners and clerical workers.

Table 7—Cigars and smoking tobacco: Output, removals, and consumption, 1970-78

Year and item	United States factories			From Puerto Rico taxable	Imports	Exports	Total U.S. consumption <sup>1</sup>
	Output	Removals					
		Taxable	Tax-exempt				
<i>Millions</i>							
Large cigars <sup>2</sup>							
1970.....	7,094	6,706	152	1,259	46	54	8,108
1971.....	6,707	6,506	131	1,222	48	46	7,861
1972.....	6,025	5,896	139	1,272	62	75	7,294
1973.....	5,655	5,554	143	1,304	75	107	6,969
1974.....	5,284	5,008	136	1,224	74	86	6,356
1975.....	4,524	4,476	125	1,216	79	92	5,804
1976.....	4,178	4,040	144	1,225	95	124	5,373
1977.....	3,927	3,776	134	<sup>4</sup> 1,104	97	117	4,994
1978 <sup>3</sup> .....	3,795	3,621	164	984	99	168	4,700
<i>Million pounds</i>							
Smoking tobacco							
1970.....	69.4	65.6	1.5	---	8.4	.9	74.6
1971.....	60.5	61.3	1.4	---	8.4	1.2	69.9
1972.....	55.9	55.1	1.3	---	11.9	1.1	67.2
1973.....	53.0	51.7	1.5	---	8.0	1.2	60.0
1974.....	49.0	49.0	1.0	---	10.9	.9	60.0
1975.....	46.2	45.6	1.0	---	8.7	1.6	53.7
1976.....	44.6	43.7	.9	---	<sup>5</sup> 9.9	.8	53.7
1977.....	40.7	40.2	.7	---	<sup>5</sup> 7.2	.8	47.3
1978 <sup>3</sup> .....	36.4	35.2	.8	---	9.0	.9	44.2

<sup>1</sup>Total removals (or sales) from U.S. and Puerto Rico, factories plus imports, minus exports. <sup>2</sup>Includes cigarillos. <sup>3</sup>Subject to revision. <sup>4</sup>Subject to revision. <sup>5</sup>From European countries. Excludes leaf exporting countries normally not suppliers of packaged tobacco.

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

### Cigar Use Again Lower in 1978

Large cigar use (including cigarillos) continued to decline in the fourth quarter of 1978. Last year, U.S. smokers used about 4.7 billion large cigars, 6 percent fewer than in 1977 (table 7). Last year's decline was in cigars retailing for up to 12 cents each. Sales of the higher priced cigars continued the gain made in recent years (table 8). However,

total cigar use is expected to continue downward, as it has over the past several years.

Production of *small cigars*—less than 3 pounds per 1,000—declined to 1.64 billion pieces in 1978, off 12 percent from 1977, and a continuation of the downtrend since 1973. For the second half of 1978, output had slipped below 1.4 billion a year.

Table 8—Large cigars: Taxable removals by revenue class, 1977/78

Revenue class and wholesale prices <sup>1</sup>	1977	1978	Change from 1977
	<i>Billions</i>		<i>Percent</i>
A-C (up to \$66).....	2.40	2.25	-6.4
D-E (over \$66 to \$120) ..	1.25	.87	-30.3
F-H (over \$120).....	1.29	1.55	+20.2
Total removals.....	4.94	4.67	-5.5

<sup>1</sup>Wholesale price classes roughly equivalent to retail price classes used prior to February 1, 1977. <sup>2</sup>Computed from unrounded data. Compiled from reports of the Bureau of Alcohol, Tobacco and Firearms, and Cigar Association of America, Inc.

### Smokeless Tobacco Output Gains

In 1978, production of both *chewing tobacco* and *snuff* rose to its highest level since 1954. Among the chewing tobaccos, fine-cut and loose-leaf output increased, while plug and twist declined. Moist snuff has been gaining in popularity while the Scotch or dry types have been declining. Manufacturers sell virtually all their chewing tobacco and snuff domestically.

### Smoking Tobacco Use Falls

Smoking tobacco production last year totaled 44 million pounds, 7 percent below the 1977 level, as sales of both pipe and roll-your-own tobacco declined (tables 9 and 10). Americans used more imported tobacco but use of domestic smoking tobacco continued its long time downtrend.



Table 9—Tobacco products: Output and domestic sales, 1976-78

Item	Manufactured			Invoiced to domestic customers <sup>1</sup>		
	1976	1977	1978 <sup>2</sup>	1976	1977	1978 <sup>2</sup>
	<i>Million pounds</i>					
Chewing tobacco						
Plug .....	16.7	16.4	15.9	16.9	16.3	15.6
Twist .....	2.3	2.2	2.1	2.3	2.2	2.1
Fine-cut .....	8.4	10.1	12.0	8.7	10.0	11.7
Loose leaf .....	56.3	61.3	64.6	56.1	60.2	63.0
Total .....	83.7	90.0	94.6	84.0	88.7	92.3
Snuff .....	24.8	24.6	25.1	25.8	24.4	24.3
Smoking						
Pipe .....	38.8	35.8	32.3	37.9	35.2	31.4
Granulated or sack .....	.4	.4	.4	.4	.4	.4
Cigarette cut .....	5.3	4.5	4.0	5.3	4.6	3.5
Total .....	44.6	40.7	36.6	43.8	40.2	35.2
Smoking tobacco in bulk (exports) .....	13.9	9.8	( <sup>3</sup> )	---	---	---
Small cigars (Millions) .....	2,246	1,864	1,645	2,161	1,850	1,580

<sup>1</sup> Taxable removals for small cigars. <sup>2</sup> Subject to revision. <sup>3</sup> Change in classification January 1, 1978, most included in unmanufactured, not elsewhere classified.

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

Table 10—Estimated number of roll-your-own cigarettes smoked and smoking tobacco consumed, 1973-78

Year	Roll-your-own cigarettes <sup>1</sup>	Smoking tobacco consumption				
		Total <sup>2</sup>	Used for—			
			Roll-your-own cigarettes		Pipe tobacco	
			Quantity	Percent of total	Quantity	Percent of total
	Billions	Million pounds	Million pounds	Percent	Million pounds	Percent
1973 .....	9.8	60	18	29	42	71
1974 .....	8.5	60	15	25	45	75
1975 .....	6.6	54	12	22	42	78
1976 .....	7.0	54	12	23	42	77
1977 .....	3.3	47	8	17	39	83
1978 .....	3.0	44	7	16	37	84

<sup>1</sup> Derived from shipments of cigarette papers and tubes. <sup>2</sup> Includes imported tobacco. <sup>3</sup> Preliminary.

## U.S. EXPORTS AND IMPORTS

The United States is the world's leading tobacco exporter and the third largest importer. During 1960-64, about 30 percent of the U.S. tobacco crop was exported. Recently, our exports represented about one-third of our crop and about a fourth of world tobacco exports. U.S. exports of tobacco and products were valued at a record \$2.12 billion in calendar 1978, \$0.39 billion over the previous high in 1977. This includes unmanufactured tobacco

worth \$1.36 billion and tobacco products valued at \$0.76 billion. U.S. tobacco imports totaled \$428 million, leaving a record trade balance of \$1.69 billion (table 11).

### Leaf Tobacco Exports Set Record

U.S. exports of unmanufactured tobacco in 1978 gained 11 percent, reaching a record 700 million

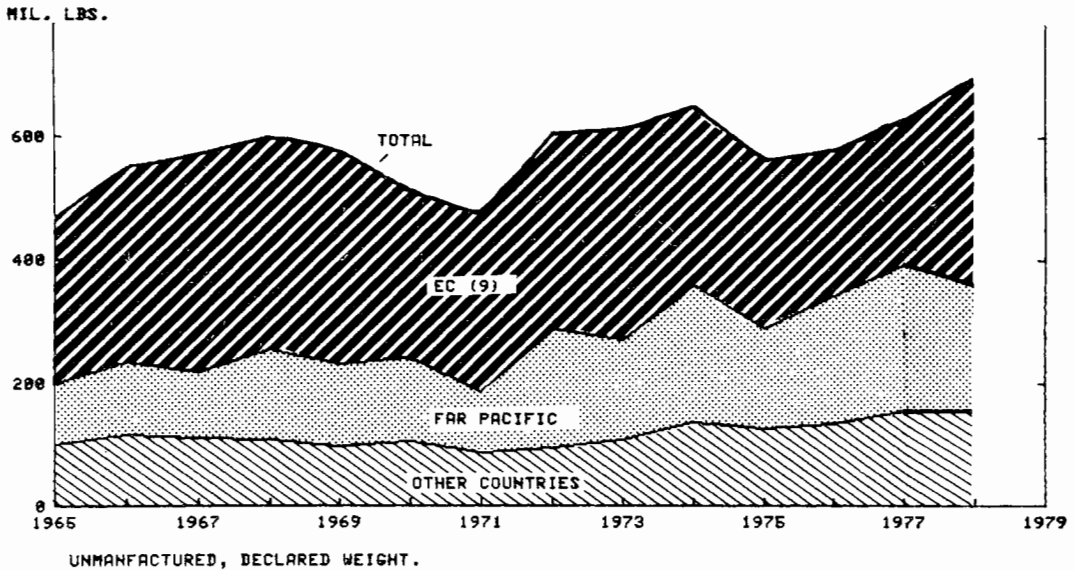
Table 11.--U.S. Tobacco exports and imports: Unmanufactured and manufactured, 1968-78

Year	EXPORTS			IMPORTS <sup>1/</sup>			NET EXPORTS <sup>2/</sup>			
	Unmanufactured		Manu- factured	Unmanufactured		Manu- factured	Quantity <sup>3/</sup>	Value		Total
	Quantity <sup>3/</sup>	Value		Quantity <sup>3/</sup>	Value			Unmanu- factured	Manu- factured	
	Million lbs.	Million dollars	Million lbs.	Million dollars	Million lbs.	Million dollars				
1968	598.8	524.4	161.6	221.5	141.8	10.6	377.3	282.6	151.6	533.6
1969	577.5	539.7	155.7	209.1	127.5	12.0	367.8	412.2	143.7	555.9
1970	510.4	488.5	190.6	218.6	128.4	16.6	291.8	360.1	174.0	534.1
1971	473.3	462.0	221.4	248.5	141.0	17.9	224.5	321.0	203.5	524.5
1972	606.1	638.8	239.8	240.5	134.5	25.2	365.6	504.3	214.7	719.0
1973	612.5	680.8	288.7	273.6	157.3	24.4	338.9	523.5	264.3	787.8
1974	651.4	832.1	360.5	299.9	182.5	32.6	351.5	449.6	327.9	777.5
1975	563.0	851.9	401.2	320.3	227.6	35.2	242.7	624.3	366.0	990.3
1976	578.1	921.6	536.0	310.4	269.7	46.7	267.7	651.9	489.3	1,141.2
1977	628.6	1,094.3	637.4	316.2	326.7	46.0	312.4	767.6	591.4	1,359.0
1978	700.0	1,358.2	745.4	336.0	377.9	50.1	364.0	1,007.3	695.3	1,702.6

<sup>1/</sup> For consumption. <sup>2/</sup> Exports minus imports. <sup>3/</sup> Declared weight.

Source: Bureau of Census

## U.S. EXPORTS OF TOBACCO BY DESTINATION



USDA

NEG. ESCS 0938-78 (12)

pounds (317 thousand metric tons) in export (dried) weight. The farm-sales weight reached 804 million pounds, surpassing both the high level of 713 million in 1974 and the previous record in 1946.

Exports of burley and flue-cured leaf also set a calendar-year record. However, exports of Maryland and fire-cured tobacco fell short of the 1974 levels (table 12).

Last year the Commodity Credit Corporation

(CCC) provided short term credit on 29 million pounds of commercial exports. Financing was authorized up to 36 months. Public Law 480 shipments were the lowest since that program was authorized in 1954 (table 13).

### EC Takes Half of Exports

European Community (EC) markets replenished their depleted stocks from U.S. leaf when supplies

Table 12—United States exports of unmanufactured tobacco by types and to principal importing countries, 1974-78

(Declared weight)

Type and country	Average 1969-73	1975	1976	1977	1978	1978 as percentage of 1977
	<i>Million pounds</i>					<i>Percent</i>
Type:						
Flue-cured .....	398.9	391.4	378.7	411.7	454.8	110
Burley .....	50.5	61.9	67.9	79.1	91.0	115
Maryland .....	10.4	4.1	8.3	7.7	10.6	138
Fire-cured, Ky. and Tenn. ....	19.5	14.9	16.3	19.1	22.6	118
Virginia fire and sun-cured .....	4.3	3.3	2.9	3.6	2.5	69
Green River and One Sucker .....	.6	.3	.3	.1	.7	700
Black Fat .....	2.8	3.5	3.3	2.7	2.6	96
Cigar wrapper .....	2.4	4.3	3.8	4.1	3.7	91
Cigar binder .....	.2	.2	.3	.2	*	---
Cigar filler .....	.4	.2	.4	.3	98.9	67
Perique .....	.2	.1	.1	.1	12.2	---
Stems, trimmings and scrap .....	80.5	78.9	95.8	99.9		99
Other unmanufactured, NEC <sup>2</sup> .....	---	---	---	---	---	---
Total .....	570.7	563.0	578.1	628.6	700.0	111
Country of destination:						
United Kingdom .....	102.9	78.5	71.8	46.8	148.8	318
France .....	8.3	9.5	8.3	6.3	9.8	158
Belgium-Luxembourg .....	14.4	8.1	7.5	10.4	16.9	162
Netherlands .....	27.9	29.9	24.7	30.5	34.2	112
West Germany .....	97.7	91.0	73.7	78.9	53.2	67
Denmark .....	21.0	16.4	9.0	16.9	27.1	160
Ireland .....	10.5	8.2	7.7	5.4	5.3	98
Italy .....	17.8	31.5	33.2	40.6	41.0	101
Total EC .....	300.5	273.1	235.9	235.8	336.3	143
Switzerland .....	23.9	25.9	---	28.8	26.2	91
Finland .....	5.0	8.0	24.3	5.3	7.8	147
Norway .....	6.1	5.6	6.2	6.0	4.2	70
Sweden .....	17.2	15.3	5.5	11.8	17.5	148
Spain .....	5.0	9.4	14.1	5.1	19.9	387
Thailand .....	19.7	18.7	4.7	16.0	18.2	114
Republic of Korea .....	2.0	3.0	21.8	9.8	9.9	101
Malaysia .....	8.7	7.1	7.0	12.3	10.1	83
Philippines .....	8.3	11.8	7.3	15.4	13.9	90
Taiwan .....	14.6	16.0	13.0	20.6	25.8	125
Japan .....	70.6	81.5	132.7	135.4	102.3	76
Australia .....	13.7	15.5	10.3	14.2	12.4	87
New Zealand .....	2.9	5.0	4.9	5.0	3.7	74
Egypt .....	3.5	10.4	11.1	26.7	24.5	92
Other countries .....	69.0	56.7	67.0	80.4	67.3	84
Total .....	570.7	563.0	578.1	628.6	700.0	111

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

Detail may not add to total due to rounding.

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

Table 13—Exports of unmanufactured tobacco under Government-financed programs and commercial sales, 1970-78<sup>1</sup>

Calendar year	Government financed exports				Commercial exports				Total unmanufactured tobacco exports
	Title I, P.L. 480		Mutual Security and A.I.D.	Total	Barter	Dollar sales		Total	
	Foreign currency sales	Long-term dollar credit sales				CCC short term credit	Other		
Quantity (export weight)									
<i>Million pounds</i>									
1970	12.6	10.4	---	23.0	122.8	58.6	306.0	487.4	510.4
1971	19.3	1.2	---	20.5	143.0	51.3	258.5	452.8	473.3
1972	24.4	2.6	---	27.0	207.4	40.0	331.7	579.1	606.1
1973	21.3	.7	---	22.0	119.4	11.3	459.8	590.5	612.5
1974	21.7	7.5	---	29.2	5.9	28.2	668.1	622.2	651.4
1975	1.9	---	---	1.9	---	49.9	511.2	561.1	563.0
1976	---	15.0	---	15.0	---	32.8	530.5	563.3	578.3
1977 <sup>2</sup>	---	13.7	---	13.7	---	33.2	581.7	614.9	628.6
1978	---	1.4	---	---	---	28.7	669.9	638.6	700.0
Value									
<i>Million dollars</i>									
1970	13.1	8.8	---	21.9	130.2	63.4	273.0	466.6	488.5
1971	19.0	1.4	---	20.4	155.3	54.6	231.7	441.6	462.0
1972	25.3	3.0	---	28.3	243.3	42.5	324.7	610.5	638.8
1973	24.3	.7	---	25.0	144.4	12.1	499.3	655.8	680.8
1974	27.4	9.5	---	36.9	6.8	40.4	748.0	795.2	832.1
1975	2.6	---	---	---	2.6	73.3	775.9	840.2	851.8
1976	---	25.1	---	25.1	---	58.1	838.4	896.5	921.6
1977 <sup>2</sup>	---	56.1	---	56.1	---	64.0	974.2	1,038.2	1,094.3
1978	---	2.6	---	2.6	---	55.1	1,300.4	1,355.5	1,358.1

<sup>1</sup> For 1960-69 data, see TS-155, March 1976. <sup>2</sup> Subject to revision.

from other sources were limited. Last year, U.S. exports to the EC were the largest since 1969. However, exchange rate variations mean sizable amounts of U.S. tobacco are transshipped within EC countries (shipped from country of arrival to another country for manufacture and sale). Purchases from the former overseas territories of EC countries and from less developed countries remain sizable. Duty preference applies for that

tobacco to EC markets. Japan, the leading outlet for U.S. tobacco in 1976 and 1977, took less in 1978 due to shipping schedule variations. With the exception of Spain, Sweden, and Taiwan, most other countries also imported less U.S. leaf.

Exports of flue-cured tobacco rose 10 percent and again made up about three-fourths of total U.S. tobacco shipments. European countries took more, offsetting smaller purchases by Japan. Several countries in Asia and Africa also bought substantially more U.S. tobacco in 1978.

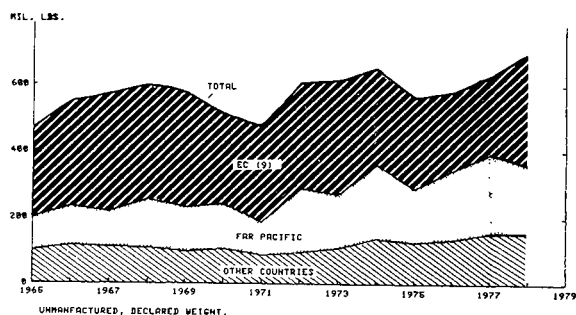
The 15-percent surge in burley exports reflected larger purchases by most importers, including the EC. Both Switzerland and Italy took more burley than a year earlier. Maryland and fire-cured tobacco exports increased sharply.

#### Imports for Consumption Increase

Imports of unmanufactured tobacco for consumption (withdrawals from bond and duty-paid releases for manufacture immediately upon arrival) increased 6 percent, reaching 336 million pounds (table 14). The United States also imported more cigarette leaf, cigar leaf, and scrap.

Cigarette leaf imports, mostly Oriental tobacco, increased as a result of higher U.S. cigarette out-

U.S. EXPORTS OF TOBACCO BY DESTINATION



USDA

HEC. ESCS 0938-78 (12)

Table 14--U.S. imports of unmanufactured tobacco of consumption, and general, principal categories, and countries of origin, 1976-78

(Declared weight)

Classification and country of origin	Imports for consumption				General imports (arrivals)			
	1976	1977	1978	1978 as a percentage of 1977	1976	1977	1978	1978 as a percentage of 1977
	Million pounds			Percent	Million pounds			Percent
Cigarette tobacco:								
Leaf, unstemmed:								
Oriental								
Turkey .....	94.0	87.4	90.3	103	95.2	56.7	90.8	160
Greece .....	21.6	16.6	26.5	160	23.3	24.9	29.8	120
Yugoslavia .....	17.1	13.8	17.1	124	17.3	14.1	12.9	91
Lebanon .....	9.9	6.5	3.9	60	0	7.6	7.1	94
Other countries .....	32.0	46.1	40.5	88	50.1	34.6	29.7	86
Flue-cured and burley .....	30.2	23.7	18.9	80	46.5	50.9	54.3	107
Flue-cured .....	3/	5.2	5.2	100	3/	20.3	19.1	94
Burley .....	3/	18.5	13.7	74	3/	30.6	35.2	115
Subtotal .....	204.8	194.1	197.2	102	232.4	188.8	224.6	119
Scrap								
Brazil .....	4/12.4	4/21.4	22.3	105	4/8.2	4/11.7	11.3	97
Turkey .....	5.0	6.4	6.6	102	4.0	9.5	3.3	35
Mexico .....	4.0	5.8	9.8	155	1.5	3.5	6.1	172
Other countries 2/ .....	16.1	20.9	23.1	108	27.9	27.5	38.9	141
Subtotal .....	4/37.9	4/54.5	61.8	115	4/41.6	4/52.2	59.6	114
TOTAL .....	242.7	4/248.6	259.0	104	4/274.0	4/241.0	284.2	118
Cigar tobacco:								
Wrapper .....	1.6	1.7	1.6	94	2.7	2.2	2.2	100
Filler-stemmed and unstemmed								
Dominican Republic .....	2.2	1.0	1.1	108	9.7	5.7	6.4	112
Other countries .....	7.1	4.9	6.7	137	28.5	19.9	14.5	73
Subtotal .....	9.3	5.9	7.8	132	28.5	25.6	20.9	82
Scrap								
Philippine Republic .....	15.6	13.3	14.8	111	12.7	7.4	8.7	118
Colombia .....	2.8	3.7	3.8	103	1.5	3.2	2.3	71
Dominican Republic .....	7.8	7.5	5.6	75	1.9	.5	3.0	600
Brazil .....	4/1.8	4/3.9	2.2	57	4/2.0	4/1.3	2.1	159
Other countries .....	18.1	24.5	30.9	121	15.2	18.1	33.1	183
Subtotal .....	4/46.1	4/52.9	57.3	107	4/33.3	4/28.9	49.2	170
TOTAL .....	4/57.0	4/60.5	66.7	110	4/64.5	4/58.3	72.3	124
Stems .....	10.7	7.1	10.3	145	10.8	7.2	10.7	148
Grand total .....	310.4	316.2	336.0	106	349.1	306.5	367.1	120

1/ Preliminary. 2/ Canada, Yugoslavia, Greece, Cyprus, Syria, Lebanon, India, Thailand, Korea, Angola, Mozambique, Zambia, and Malawi. 3/ Not reported separately. 4/ Revised; classification change in January 1977 shifted most imports from cigar tobacco to other tobacco category.

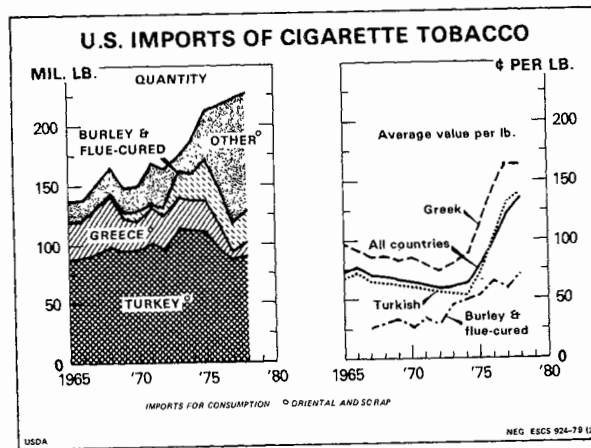
Detail may not add to total due to rounding.

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

Table 15—Imported foreign-grown cigarette leaf stocks, by quarters, 1971-79<sup>1</sup>

Year	Jan. 1	April 1	July 1	Oct. 1	Jan. 1	April 1	July 1	Oct. 1
--- Million pounds ---								
	Foreign-grown flue-cured				Foreign-grown oriental and aromatic			
1971 .....	13	11	14	15	367	371	382	347
1972 .....	12	12	24	19	320	357	389	360
1973 .....	31	31	40	38	369	376	387	360
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				326			
	Foreign-grown burley				Total imported cigarette leaf			
1971 .....	5	5	4	6	386	386	400	367
1972 .....	7	9	9	11	339	377	423	390
1973 .....	17	24	27	36	418	431	455	434
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				630			

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



put. Turkey, Greece, Italy, Bulgaria, and Yugoslavia were principal suppliers. Flue-cured and burley leaf imports declined 5 million pounds to 19 million last year. The flue-cured and burley category was valued at 69 cents per pound and Oriental leaf at \$1.39. Imports accounted for 20 percent of the tobacco used in U.S. cigarette production, and a similar high proportion is likely this year.

*General imports* of tobacco (direct entry plus placements in bonded warehouses for later factory use) gained 20 percent. Flue-cured and burley leaf and scrap imports (largely cigarette tobacco) increased. Oriental leaf imports rose in anticipation of increased cigarette output. The declining cigar market held down imports of cigar leaf tobacco.

Since general tobacco imports exceeded imports for immediate consumption, U.S. stocks of imported tobacco on January 1, 1979 were up from year-earlier levels. The increase for cigarette tobacco was 29 million pounds, 5 percent above a year earlier. Flue-cured and burley imports accounted for the gain (table 15).

#### Draft Trade Agreement Completed

A summary of proposed tariff cuts and draft

codes on nontariff barriers from the Tokyo Round of the multinational trade negotiations has been sent to the Congress. The complete package of revisions will be considered for ratification in April when the negotiations conclude in Geneva, Switzerland.

A key part of the trade package is extension of U.S. authority to waive countervailing duties. The proposed agreements contain import concessions on tobacco from the European Community, which traditionally accounts for one-half of our tobacco export market.

The United States placed emphasis in tobacco negotiations on obtaining relief from the EC "wrapper" tariff (which adds 7 to 10 cents per pound cost to U.S. tobacco), limiting use of export subsidies, and liberalizing nontariff barriers such as mixing regulations, currency allocations, and import permits. The United States has offered tariff reductions on cigar wrapper and filler tobacco.

Among the key provisions of the trade package are codes dealing with subsidies and countervailing duties, import safeguards, technical standards barriers, government procurement standards, and import licensing.

## TOBACCO LEAF SITUATION AND OUTLOOK<sup>2</sup>

### Highlights

In 1978/79, a larger crop added to the carryover, raising the supply of domestic leaf tobacco to 5.5 billion pounds—2 percent above the previous year. By January 1, nonfarm leaf stocks equalled the year-earlier level. By mid-1979, at the end of the current marketing year, stocks may total 2 percent above the beginning level of 3.5 billion pounds. In response to a lower flue-cured quota this year and a slightly smaller burley quota, farmers may reduce acreage and produce a crop 10 percent smaller than last year's 2 billion pounds. If the

<sup>2</sup>All quantities in this section are farm-sales weight equivalent unless otherwise noted.

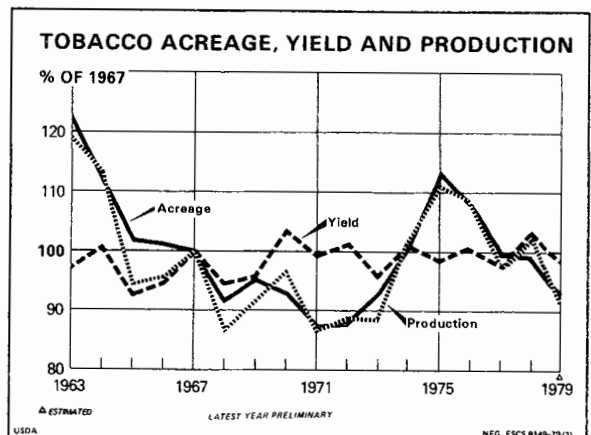


Table 16-- Flue-cured and burley tobacco: Marketing quota and marketings, 1970-79

Year	Quota		Marketings				Net Carryover <sup>2</sup>
	Basic	Effective	Actual	Over-quota	Under-quota	Effective under quota <sup>1</sup>	
--- Million pounds ---							
Flue-cured, types 11-14							
1970	1,071.5	1,190.8	1,178.2	65.1	71.2	63.4	-1.7
1971	1,071.6	1,069.9	1,076.3	60.4	49.9	45.8	-14.5
1972	1,071.2	1,056.7	1,022.1	41.2	72.9	68.1	26.8
1973	1,178.7	1,205.6	1,159.0	54.8	100.5	95.3	40.5
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	<sup>3</sup> 1,204.6	65.6	43.9	41.8	<sup>3</sup> -23.8
1979 <sup>3</sup>	<sup>3</sup> 1,094.0	<sup>3</sup> 1,070.2					
Burley, type 31							
1971	555.1	553.0	471.5	9.7	91.1	89.7	80.1
1972	531.5	611.5	588.6	30.7	45.7	44.6	13.9
1973	559.7	573.6	460.7	11.3	113.1	111.7	100.3
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 <sup>3</sup>	614.2	667.8	<sup>4</sup> 615.0				<sup>4</sup> 37.0
1979 <sup>3</sup>	615.0	652.0					

<sup>1</sup> Under quota marketing less ineligible carryover. <sup>2</sup> Effective under quota marketings less over quota marketings. <sup>3</sup> Preliminary. <sup>4</sup> Estimated.

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

average historical relationship between poundage quotas and grower marketings prevails, the flue-cured crop will fall an eighth but the burley crop will not change much (table 16). For other tobaccos, lower quotas and falling prices may result in reduced output.

All tobacco types except Maryland, Pennsylvania filler, Connecticut binder (types 51-52), shade-grown cigar wrapper, and Perique are under quotas. Acreage allotments are lower this year for Virginia and Kentucky-Tennessee fire-cured, but the same for dark air-cured, sun-cured, and cigar filler and binder (types 42-44 and 53-55).

On April 16, USDA's Crop Reporting Board will publish the tobacco acreage growers intend to set for harvest as of April 1. During the past 5 years, the spring intentions averaged 1 percent less than the final harvested acreage. Last season's yields averaged 5 percent per acre above the 1973-77 level. Average yields have exhibited no trend for several years so this year's yield may turn out close to the longtime pattern.

#### USDA Grading to Shift

USDA has decided to provide tobacco grading and inspection for the 1979 flue-cured auction season for 5 days a week instead of the present four

days. No change in weekly sales volume is contemplated, so average daily sales volume would decline.

The change would allow USDA to operate the grading program with fewer sets of graders, and would provide more frequent sales to all markets. The four-day sales pattern was initiated in 1968, following a chaotic flue-cured season. Weekly sales were higher then and the designation program which provides precise prorated schedules to all warehouses was not yet in effect.

#### Production Costs Higher

For the 1979 crop year, tobacco production costs are expected to increase again, primarily as a result of higher wage rates and fuel costs. Interest rates, along with machinery and equipment prices, also increased. Fertilizer, herbicides, insecticides, and other chemicals are in adequate supply at prices near last season's levels.

With an increase in 1979 wage rates similar to recent trends of 8 percent a year—and with higher prices of other inputs, the 1979 tobacco crop will probably cost at least 5 cents more per pound to produce than in 1978.



## 1979 Price Support Program

The 1979 price support program for tobacco is expected to be similar to that of previous years. Price support is available to eligible growers through nonrecourse loans to producer associations. To receive price supports, tobacco producers must certify that they did not use DDT, TDE, toxaphene, or endrin insecticides. As a condition for price support for flue-cured tobacco, USDA requires growers to designate a warehouse where they intend to sell their tobacco (table 17). USDA will continue to enforce the acreage allotments for flue-cured tobacco but has proposed to reduce

**Table 17—Flue-cured tobacco: Redesignation summary, 1976-78 seasons**

Category	1976	1977	1978 <sup>1</sup>
	<i>Million pounds</i>		
Voluntary .....	81.4	73.0	
Quota transfer .....	42.8	23.7	
Warehouse sales close .....	6.5	9.2	
Other .....	2.4	3.1	
Total .....	133.1	109.0	

Compiled from the records of Program Operations Division, ASCS.

<sup>1</sup> Not available.

**Table 18—Computations of price support level adjustment factor for tobacco, 1960-79**

Crop year	Parity index <sup>1</sup>		Price support level adjustment factor <sup>3</sup>
	Previous calendar year	3-year average <sup>2</sup>	
	1910-14=100		1959=100
1960 .....	298	293	( <sup>4</sup> )
1961 .....	300	297	100
1962 .....	302	300	101
1963 .....	307	303	102
1964 .....	312	307	103
1965 .....	313	311	104
1966 .....	322	316	106
1967 .....	335	323	108
1968 .....	341	333	111
1969 .....	349	342	115
1970 .....	366	352	120
1971 .....	382	366	125
1972 .....	407	385	131
1973 .....	425	405	138
1974 .....	490	441	150
1975 .....	564	493	168
1976 .....	614	556	191
1977 .....	653	610	205
1978 .....	687	650	218
1979 .....	744	695	233

<sup>1</sup> Index of prices paid by farmers, including wage rates, interest and taxes. 1965-75 revised in 1976 using 1971-73 weights. For original data used for prior years calculations see TS-155, March 1976, p. 16. <sup>2</sup> 3 calendar years immediately preceding. <sup>3</sup> 3-year average parity index divided by 1959 parity index. <sup>4</sup> Act of February 20, 1960 set price support at the 1959 level.

acreage permitted above the allotment for these producers participating in the four-leaf program. USDA also has proposed to discontinue the processed carryover program and change some regulations to limit fall leasing.

Support prices for the 1979 crop are up 6.9 percent from 1978 as required by the formula provisions of the law. This increase reflects higher prices for goods and services bought by farmers during the past 3 calendar years (1976-1978), compared with 1959 average prices paid. Grade loan rates are announced before the marketing season opens (table 18).

Growers of fire-cured and dark air-cured tobacco approved marketing quotas; therefore, price support will be available for their 1979, 1980, and 1981 crops. Growers of flue-cured, burley, sun-cured, cigar binder, and Ohio filler tobaccos approved marketing quotas applicable to the 1979 crop in previous referenda. However, growers of Maryland and Pennsylvania filler tobacco have disapproved marketing quotas. Hence, there will be no price supports for these two types through 1979 (table 19).

**Table 19—Tobacco: U.S. Department of Agriculture price support loan and program operations, and other expenditures, 1976-78**

Item	Quarter ending	Year ending September 30--	
	Sept. 30, 1976	1977 <sup>r</sup>	1978
	--- Million dollars ---		
	Price support loan operations		
New loans made .....	150.4	285.2	282.9
Repayments .....	8.0	124.0	184.1
Charged off .....	(1)	.2	( <sup>1</sup> )
Net additions (minus) .....	142.4	261.0	98.8
Loans outstanding:			
Value .....	491.4	652.4	751.2
Quantity (mil. lbs.) .....	452	556	605
	CCC program operations		
Export payments .....	.1	.1	( <sup>1</sup> )
Public Law 480 sales:			
Dollar credit .....	3.0	50.2	4.5
Short term credit sales .....	21.7	66.9	46.1
Recoveries of costs <sup>2</sup> .....	8.5	72.6	20.0
Subtotal, net CCC costs <sup>3</sup> .....	16.3	44.3	29.0
	Other expenditures		
Administration of quota program .....	5.0	<sup>4</sup> 11.1	10.3
Inspection, grading .....	3.0	6.5	6.2
Market news .....	.2	.4	.4
Research and extension, production & marketing .....	1.8	6.9	7.2
Miscellaneous .....	.2	1.1	.9
Subtotal, other .....	10.2	26.0	25.0
Net USDA costs .....	25.5	70.3	54.0

<sup>1</sup> Less than \$50,000. <sup>2</sup> P.L. 480 and short term credit sales estimated). <sup>3</sup> Includes loan operations charged off and recovered. <sup>4</sup> r=revised.

Compiled from Commodity Credit Corporation, Report of Financial Conditions and Operations, annual issues, 1976-78 and records of Office Management and Finance.

**Table 20—Flue-cured tobacco: Primings, and nondescript grades as percent of total loan receipts and crop marketings, 1964-78**

Year	Loan receipts	Crop marketings	Year	Loan receipts	Crop marketings	Year	Loan receipts	Crop marketings
		<i>Percent</i>			<i>Percent</i>			<i>Percent</i>
1963	7.7	22.3	1969	10.4	17.9	1974	87.1	15.5
1964	10.4	18.9	1970	19.6	19.1	1975	51.2	17.1
1965	2.1	18.5	1971	7.8	15.8	1976	33.7	17.5
1966	3.0	17.1	1972	4.6	15.1	1977	39.0	29.1
1967	8.0	21.2	1973	34.7	15.0	1978	10.2	14.5

Compiled from records and reports of Tobacco Division, Agricultural Marketing Service, and Flue-cured Tobacco Cooperative Stabilization Cooperation.

## FLUE-CURED

### Carryover May Increase

*Domestic disappearance* of flue-cured tobacco (types 11-14) during 1978/79 is expected to decline from last season's 604 million pounds. During the first half of the current marketing year, domestic disappearance declined 15 percent from a year earlier. Cigarette output for July-December was 1 percent larger than in second-half 1977, and is expected to remain above year-earlier levels during January-June 1979, but the rapid shift to low-tar, low-nicotine cigarettes has apparently reduced leaf requirements.

*Exports* so far this marketing year are well above last season's level with EC destinations taking more. Stocks in the EC had been drawn down and alternative supplies are limited. July 1978-Jan-

uary 1979 exports of 427 million pounds were 69 million pounds above the 1972-76 average for that period. Exports for the rest of the season may remain about the same for last season. For the first 7 months of the current marketing year, shipments to Japan were down because of different seasonal shipping patterns (table 24).

The 1978 crop will exceed disappearance this crop year. This means that flue-cured carryover on July 1 will increase from the 2,047 million pounds of mid-1978.

Since the brisk auction purchases last season, manufacturers and dealers have bought only limited amounts from loan stocks to supplement their supplies. During July 1978-February 1979, 22 million pounds of flue-cured tobacco were sold from loan, compared with 174 million a year earlier. By March 1, unsold loan stocks of 590 million pounds

**Table 21—Flue-cured tobacco: Effective farm quotas, designations, and marketings, 1977-79<sup>1</sup>**

Type and State or marketing area	Effective farm quotas		Initial designation <sup>2</sup>		Final designation		Marketings	
	1979	Change from 1978	1977	1978	1977	1978	1977	1978
	<i>Mil. lb.</i>	<i>Percent</i>	<i>Mil. lb.</i>					
11-Virginia (E) . . . . .	98	-4.9	132	119	139	129	109	102
11-North Carolina (D,E) . .	267	-1.1	228	207	238	222	282	295
Total . . . . .	365	-2.1	359	326	377	350	391	397
12-North Carolina (C) . .	346	-17.4	487	500	501	520	345	407
13-North Carolina (B) . . .	93	-12.3	107	114	110	119	92	108
13-South Carolina (B) . . .	130	-7.8	141	138	145	146	138	147
Total . . . . .	223	-9.7	248	252	255	265	230	662
14-Alabama . . . . .	1	0	---	---	---	---	1	1
14-Florida (A) . . . . .	24	0	32	22	25	23	24	22
14-Georgia (A) . . . . .	111	-7.2	153	128	151	137	130	122
Total . . . . .	136	-5.6	185	150	176	160	155	146
Total, flue-cured <sup>3</sup> . . . .	1,070	-9.6	1,471	1,228	1,309	1,295	1,121	1,205

<sup>1</sup>Data may not add to totals due to rounding. <sup>2</sup>Growers were allowed to designate 110 percent of their effective quotas. <sup>3</sup>Computed from unrounded data.

Compiled from reports from Tobacco Division, Agricultural Marketing Service and Price Support and Loan Division, Agricultural Stabilization and Conservation Service.

stood above the year-earlier level, but slightly below levels of 2 years ago (table 20).

### Projected Crop Below the 1978 Level

The basic quota for 1979 is 2 percent lower. Subtracting net overmarketings gives an effective quota of 1,070 million pounds, about 9 percent below the 1978 quota (table 21). The change from last year's effective quota ranges from a decrease of 3 percent in the Georgia-Florida Belt to a decrease of 15 percent in the old and Middle Belt (North Carolina and Virginia).

**Table 22—Flue-cured tobacco: Acreage allotted and underproduction, 1961-79**

Year	Acreage allotted <sup>1</sup>	Under production <sup>2</sup>	
		Number	As percent of allotments
	Thousands acres		Percent
1961.....	714.2	15.7	2.2
1962.....	745.2	15.4	2.1
1963.....	708.5	14.0	2.0
1964.....	638.2	10.7	1.7
1965.....	606.6	44.3	7.3
1966.....	644.9	38.0	5.9
1967.....	644.7	34.4	5.3
1968.....	578.2	45.2	7.8
1969.....	640.9	64.1	10.0
1970.....	638.7	54.6	8.5
1971.....	572.1	46.3	8.1
1972.....	562.3	48.7	8.7
1973.....	642.4	67.3	10.5
1974.....	725.9	109.6	15.1
1975.....	854.8	137.6	16.1
1976.....	765.0	98.4	12.9
1977.....	651.7	61.6	9.4
1978.....	641.0	52.0	8.1
	580.3		

<sup>1</sup>Basic allotment adjusted for overmarketings and undermarketings, 1966 to present. <sup>2</sup>Acreage allotted minus harvested acres.

Compiled from records and reports of Price Support and Loan Division, ASCS and Economics, Statistics, and Cooperatives Service.

Historically, producers have marketed an average of 96 percent of poundage quotas, although acreage has been only 89 percent of acreage allotments (1969-78). But for 1979, the lowest quota since 1972 means growers may come closer to producing the effective quota. A projected 1979 production of about 1,050 million pounds represents a 13-percent drop from last season.

The projected crop plus the anticipated carryover indicate the 1979/80 supply will drop 4 percent below the 3.25 billion pounds available in the current marketing year (tables 22, 23, and 25).

**Table 23—Tobacco loan stocks, 1977-79**

(Farm-sales weight)

Type	End of February		
	1977	1978	1979 <sup>1</sup>
	Million pounds		
Actual			
Flue-cured, 11-14 .....	618.4	620.3	610.0
Burley, 31 .....	45.9	118.7	159.3
Virginia, 21 .....	( <sup>2</sup> )	1.1	1.7
Kentucky-Tennessee, 22-23 .....	0	.6	1.0
Kentucky-Tennessee, 35-36 .....	( <sup>2</sup> )	( <sup>2</sup> )	3.7
Ohio, 42-44 .....	0	.4	.4
Puerto Rican, 46 .....	3.3	2.7	4.3
Connecticut Valley, 51-52 .....	.8	2.1	.9
Wisconsin, 54-55 .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Total .....	667.6	743.4	781.3
Uncommitted			
Flue-cured, 11-14 .....	598.7	670.0	590.2
Burley, 31 .....	38.8	105.7	147.4

<sup>1</sup>January 31, 1979 for actual stocks. <sup>2</sup>Negligible.

Compiled from records of Producer Associations Division, ASCS.

### USDA Proposes To Modify 4-Leaf Program<sup>3</sup>

The Agricultural Stabilization and Conservation Service proposed on February 13 to permit producers to plant up to 110 percent of their effective flue-cured acreage allotment and still receive price support if they agree not to harvest the four lower leaves. In 1978, price support was available for flue-cured tobacco producers who planted up to 120 percent of their farm acreage allotment if they agreed not to harvest the four lower leaves (which demand has declined). This provision seeks to accommodate increased demand of upper stalk tobacco, particularly by foreign buyers.

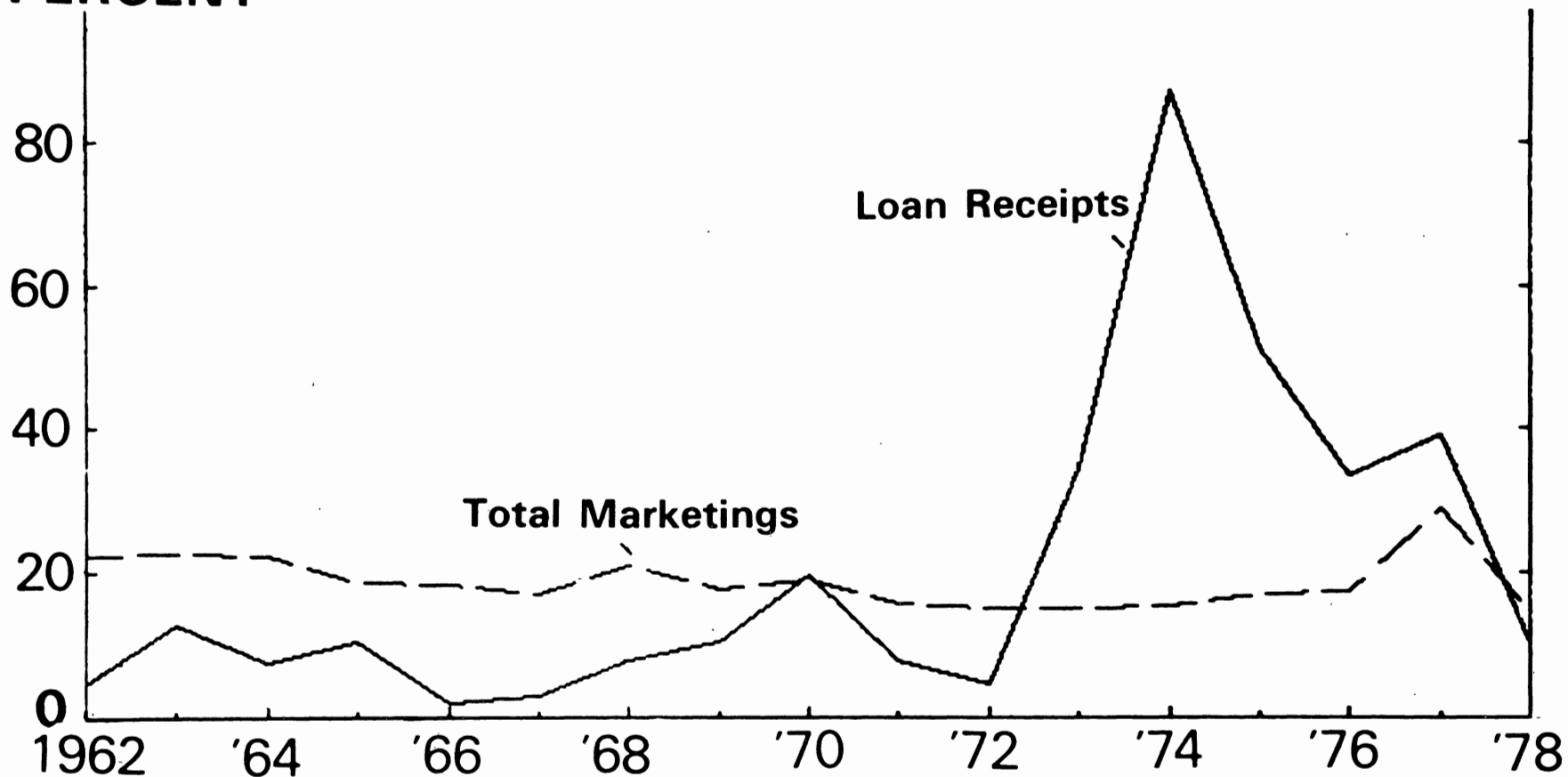
Producers of 18 percent of the flue-cured poundage signed up and participated under this provision last season. An additional 15 percent participated voluntarily in keeping lower leaves unharvested (without an acreage increase beyond their farm allotment). This one-third participation resulted in a slower buildup of low quality leaf in loan stocks and allowed the more desirable upper stalk grades to account for a larger share of the 1978 crop and loan receipts.

But, despite no change in the poundage quota under this provision, many growers felt the extra acreage allowance caused overproduction. Many

<sup>3</sup>USDA Press Release 376-79; "Proposed Rules," *Federal Register*, Vol. 44, No. 31, Feb. 13, 1979, pp. 9393.

# P & N GRADES\* AS A SHARE OF U.S. FLUE-CURED TOBACCO

PERCENT



\* PRIMINGS, AND NONDESCRIPT.

Table 24.--United States exports of unmanufactured tobacco by types, to principal importing countries, crop years, 1977/78-1978/79

(Declared weight)

Importing countries	1977/78	Part year thru January 2/		Importing countries	1977/78	Part year thru January 2/	
		1977/78	1978/79 2/			1977/78	1978/79 2/
Million pounds				Thousand pounds			
Flue-cured, types 11-14				Va. fire & sun-cured, types 21 & 37			
United Kingdom.....	62.3	28.4	72.7	Switzerland.....	0	0	62
West Germany.....	43.5	29.4	20.9	Norway.....	908	160	362
Japan.....	74.8	73.1	71.3	Sweden.....	302	214	337
Netherlands.....	16.4	10.1	8.3	West Germany.....	502	163	11
Thailand.....	11.6	5.9	0	Other countries.....	349	88	33
Australia.....	9.8	6.4	6.4	Total	2,061	625	805
Italy.....	23.6	14.4	3.3				
Sweden.....	5.8	7.5	5.7	One Sucker, type 35			
Norway.....	2.7	1.6	1.5				
Finland.....	3.0	2.1	3.7				
Denmark.....	7.7	6.9	10.5	Belgium-Luxembourg....	0	0	0
Ireland.....	1.7	1.4	3.0	Zaire.....	0	0	154
Belgium-Luxembourg....	8.8	5.5	7.0	Other countries.....	97	77	64
Switzerland.....	9.4	6.7	5.3	Total	97	77	218
Rep. of Korea.....	0	0	7.3				
Philippines.....	8.5	5.3	4.0	Green River, type 36			
Spain.....	8.2	3.1	10.4	United Kingdom.....	59	0	0
Malaysia.....	7.6	4.8	6.2	Dahomey.....	16	49	0
Taiwan.....	18.9	12.6	27.0	Zaire.....	0	0	117
Egypt.....	14.3	6.6	8.2	Other countries.....	297	0	0
Other countries.....	58.8	33.2	26.5	Total	372	49	117
Total.....	397.4	264.4	309.2				
Burley, type 31				Cigar Filler, types 41-44			
Italy.....	18.5	.3	.8	New Zealand.....	0	0	0
Sweden.....	2.2	.2	1.2	France.....	112	59	0
Denmark.....	2.0	.8	2.0	Other countries.....	131	18	15
Netherlands.....	2.2	.1	.4	Total.....	243	77	15
Japan.....	10.4	*	0				
West Germany.....	7.0	.4	1.6	Connecticut Binder, types 51-52			
Switzerland.....	6.6	*	.3	West Germany.....	0	0	0
Syria.....	0	0	0	United Kingdom.....	0	0	0
Thailand.....	6.6	0	0	Canada.....	6	0	0
Philippines.....	4.8	1.5	1.1	Other countries.....	24	28	20
Other countries.....	23.0	2.1	4.0	Total	30	28	20
Total	83.3	5.4	11.4				
Maryland, type 32				Wisconsin Binder, types 54-55			
Belgium-Luxembourg....	.8	.2	.3	Dominican Republic....	79	79	0
West Germany.....	.9	.1	.8	Other countries.....	18	0	0
Switzerland.....	3.8	.3	1.6	Total.....	97	79	0
Other countries.....	1.6	.1	1.6				
Total	7.1	.7	4.3	Cigar Wrapper, types 61-62			
Ky.-Tenn. fire-cured, types 22-23				Black Fat			
Sweden.....	.3	0	.5	Dahomey.....	785	397	615
Netherlands.....	9.3	3.2	8.2	Cameroon.....	297	143	126
Belgium-Luxembourg....	.5	*	.1	Niger.....	410	161	0
France.....	2.4	0	0	Nigeria.....	505	0	214
Switzerland.....	.2	.2	.6	Togo.....	447	163	62
Other countries.....	3.0	.4	1.1	Other countries.....	255	21	58
Total	15.7	3.8	10.5	Total	2,699	855	1,075
Stems, Trimmings, and Scrap				Black Fat			
Sweden.....	3.9	.2	.7	Dahomey.....	785	397	615
Denmark.....	3.6	2.4	4.3	Cameroon.....	297	143	126
United Kingdom	19.5	8.9	15.9	Niger.....	410	161	0
West Germany	5.5	3.6	4.1	Nigeria.....	505	0	214
Japan	28.3	24.4	15.3	Togo.....	447	163	62
Other countries	38.0	23.8	17.8	Other countries.....	255	21	58
Total	98.8	63.3	58.1	Total	2,699	855	1,075

1/ July-June crop year for flue-cured, cigar wrapper, stems, trimmings, and scrap; October-September crop for all other types.  
2/ Subject to revision. Detail may not add to total due to rounding.

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

Table 25.--Flue-cured tobacco, types 11-14, and burley tobacco, type 31: Acreage, yield, production, carryover, supply, disappearance, season average price, and price support operations, 1969-79

(Farm-sales weight)

Marketing year	Acreage harvested	Yield per acre	Production	Beginning stocks <sup>1/</sup>			Total supply		
				Manufacturers and other	Under loan	Total			
	Thousand acres	Pounds		---Million pounds---					
Flue-cured, types 11-14									
1969.....	576.8	1,825	1,052.8	1,299.6	800.5	2,100.1	3,152.9		
1970.....	584.1	2,042	<u>2/</u> 1,178.1	1,227.5	744.9	1,972.4	3,150.5		
1971.....	525.8	2,050	<u>2/</u> 1,076.3	1,214.5	761.9	1,976.4	3,052.7		
1972.....	513.6	1,971	<u>2/</u> 1,022.1	1,292.4	617.8	1,910.2	2,932.3		
1973.....	575.1	2,011	<u>2/</u> 1,159.0	1,347.0	402.3	1,749.3	2,908.3		
1974.....	616.3	2,014	<u>2/</u> 1,245.1	1,330.6	276.7	1,607.3	2,852.4		
1975.....	717.2	1,973	<u>2/</u> 1,414.7	1,471.9	179.9	1,651.8	3,066.5		
1976.....	666.6	1,974	<u>2/</u> 1,316.0	<u>3/</u> 1,539.1	359.2	<u>3/</u> 1,898.3	3,214.3		
1977.....	589.3	1,917	<u>2/</u> 1,124.2	1,509.2	556.9	2,066.1	3,190.3		
1978 <u>4/</u> .....	589.0	2,088	<u>2/</u> 1,204.2	1,513.5	534.0	2,047.5	3,251.7		
1979 <u>5/</u> .....			1,050.0	1,521.7	570.0	2,091.7	3,141.7		
Burley, type 31									
1969.....	237.7	2,488	591.4	975.7	340.8	1,316.5	1,907.9		
1970.....	216.4	2,590	560.5	887.9	454.8	1,342.7	1,903.2		
1971.....	213.5	2,213	472.6	882.4	468.4	1,345.8	1,818.4		
1972.....	235.6	2,552	<u>2/</u> 590.3	920.9	327.6	1,248.5	1,838.8		
1973.....	222.1	2,028	<u>2/</u> 461.4	952.5	276.7	1,229.2	1,690.6		
1974.....	260.7	2,350	<u>2/</u> 610.4	931.5	139.2	1,070.7	1,681.1		
1975.....	282.2	2,265	<u>2/</u> 638.3	1,082.4	12.0	1,094.4	1,732.7		
1976.....	285.8	2,376	<u>2/</u> 663.8	<u>3/</u> 1,115.3	44.8	<u>3/</u> 1,160.1	1,823.7		
1977.....	268.5	2,298	<u>2/</u> 612.5	1,159.1	54.9	1,206.3	1,818.8		
1978 <u>4/</u> .....	260.8	2,366	<u>2/</u> 615.0	1,095.8	113.5	1,209.3	1,824.3		
1979 <u>5/</u> .....			605.0	1,110.8	113.5	1,209.3	1,814.3		
Disappearance				Average price per pound		Price support level		Placed under loan	
Total		Domestic		Exports		Quantity		Percentage of crop	
---Million pounds---				---Cents---		Million		Percent pounds	
Flue-cured, types 11-14									
1969.....	1,180.5	645.9	534.6	72.4	63.8	97.6	9.3		
1970.....	1,174.1	640.1	534.0	72.0	66.6	144.2	12.2		
1971.....	1,142.5	662.5	480.0	77.2	69.4	55.7	5.2		
1972.....	1,183.0	664.2	518.8	85.3	72.7	24.3	2.4		
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.....	1,142.8	603.7	539.1	117.6	113.8	195.6	17.3		
1978.....	<u>5/</u> 1,160.0	<u>5/</u> 575.0	<u>5/</u> 585.0	<u>4/</u> 135.2	121.0	64.1	5.3		
Burley, type 31									
1969.....	565.2	507.1	58.1	69.6	65.8	158.2	26.8		
1970.....	557.4	503.0	54.4	72.2	68.6	47.7	8.5		
1971.....	569.9	515.2	54.7	80.9	71.5	.2	---		
1972.....	609.6	534.5	75.1	79.2	74.9	22.9	3.9		
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	105.6	96.1	50.7	7.9		
1976.....	617.4	500.6	116.8	114.2	109.3	46.6	7.0		
1977.....	609.5	493.0	116.5	120.0	117.3	57.0	9.2		
1978.....	<u>5/</u> 615.0	<u>5/</u> 495.0	<u>5/</u> 120.0	<u>6/</u> 131.2	124.7	<u>6/</u> 66.9	<u>6/</u> 10.8		

<sup>1/</sup> July 1 for flue-cured; October 1 for burley. <sup>2/</sup> Sales. <sup>3/</sup> Adjusted for change in conversion factor January 1, 1977.  
<sup>4/</sup> Subject to revision. <sup>5/</sup> Estimated. <sup>6/</sup> Through March 1.

growers have indicated only 10 percent additional acreage was needed to produce the poundage quota, while discarding the bottom four leaves.

## BURLEY

### Effective Quota Smaller; Crop May Be Down

The 1979 basic quota for burley tobacco is 615 million pounds, the same as last year. Marketings from the 1978 crop total 615 million pounds, the same as the 1977 crop, and well below the effective quota. The quota carryover from the 1978 season brings the effective farm quota for this year to around 652 million pounds, down 2 percent. USDA has proposed to discontinue stored tobacco carryover. Moreover, an estimated 27 million pounds carried over by growers in excess of the 1978 quota will further reduce the crop plans.

Growers' support level in 1979 is above the record 1978 market price average. Nevertheless, the grower carryover and reduction in effective quota are large enough to reduce the 1979 crop. In the last 5 years, growers marketed 89 percent of the effective quota. Such a crop in 1979 would reduce production around 2 percent from 1978 and provide a smaller supply than in the current marketing year.

### Supply the Same

The 1978/79 burley supply reached 1.83 billion pounds, the same as a year earlier. Supply is three times estimated disappearance. Total carryover held by manufacturers, dealers, and loan co-ops last October 1 was about the same as a year earlier; however, loan stocks increased to 9 percent of the total.

Despite rising burley prices and exports, manufacturers and dealers have purchased little of the old crop loan stocks. From the 1978 crop, the two grower loan associations took 11 percent, or 66.9 million pounds by March 2.

Stable cigarette consumption in recent months suggests that domestic burley use in 1978/79 may remain near the 493 million pounds of the last marketing year. Calendar year exports were 19 percent above 1977, partially because the October-November 1977 dock strike curtailed late 1977 shipments. Larger shipments went to the United Kingdom, Italy, Japan, Thailand, and Denmark.

World burley production in 1978 was 3 percent above a year earlier. Production increases in Brazil, Spain, and the United States more than offset declines in the Republic of Korea and Argentina. Continued increases in foreign output in 1979 may result in more extensive competition for U.S. exports in 1979.

### 1978 Crop Summary

The 1978 crop value was a record \$820 million. Quality was above the 1977 season as principal offerings were good and fair leaf, good mixed, and fair lugs and less nondescript.

Auction prices for the 1978 burley crop (including resales) averaged \$1.31 a pound—11 cents above the 1977 record. Average prices by selected grades ranged from 1 to 7 cents per pound below the average price for C4F (fair, tan, cutters) (table 26).

Average prices increased in all producing States (table 27). By markets, prices ranged from \$1.16 to \$1.35 per pound.

All markets opened November 20 and the season ended March 8 at Lexington, Ky. As usual, prices peaked before the market closed for the Christmas holidays. Post-holiday demand was weaker,

Table 26—Burley tobacco: Price spreads among specified grades, average 1960-69, annual 1970-78

Period	Average price of C4F	Cents per pounds lower than C4F						
		X4F	C4R	B4F	B4FR	B4R	T4R	N1G
<i>Cents per pound</i>								
Average:								
1960-64	71	1	4	4	9	14	19	32
1965-69	74	1	5	4	7	10	11	19
1970	77	0	5	3	5	8	10	18
1971	82	1	1	1	1	1	2	11
1972	80	0	1	0	0	0	2	9
1973	93	1	2	0	0	0	1	11
1974	117	1	5	1	0	0	2	28
1975	112	2	7	1	3	4	11	29
1976	118	2	4	2	3	5	9	27
1977	126	2	6	1	2	4	10	33
1978 <sup>2</sup>	134	2	7	1	1	3	7	26

<sup>1</sup>C4K grade. <sup>2</sup>Through February 23, 1979

**Table 27—Burley tobacco: Gross sales, and average price, by States, crops of 1977-78**

State	1977 sales		Placed under Government loan		1978 sales <sup>1</sup>		Placed under Government loan	
	Amount	Average price	Quantity	Percentage of sales <sup>2</sup>	Amount	Average price	Quantity	Percentage of sales <sup>2</sup>
	<i>Million pounds</i>	<i>Cents per pound</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>Million pounds</i>	<i>Percent</i>
Kentucky .....	442.7	121.86	31.7	7.4	444.2	131.73	47.2	10.6
Tennessee .....	119.1	115.91	14.2	12.0	119.4	130.19	7.1	6.0
Virginia .....	32.3	116.37	3.2	10.0	29.3	130.31	3.3	11.1
North Carolina .....	22.3	111.23	2.4	10.7	20.5	127.27	2.2	10.7
West Virginia .....	3.9	113.79	.4	10.0	3.3	127.18	.4	11.4
Indiana .....	15.9	119.78	1.5	9.7	15.1	130.60	2.4	15.9
Ohio .....	12.3	121.29	.8	6.5	12.6	130.61	1.6	12.6
Missouri .....	5.8	115.45	1.7	28.7	5.4	126.64	2.1	38.9
Total all States <sup>2</sup> .....	654.4	119.98	56.0	8.8	650.0	131.19	66.1	10.2

<sup>1</sup> Through February 22. <sup>2</sup> Computed from unrounded data.

lowering the season average price to \$1.31 per pound on March 1.

Growers placed 22 percent of post-Christmas marketings under loan but only 6 percent of pre-Christmas sales. Loan placements for the 1978 crop were up 10 million pounds from 1977.

*Baled* burley sales under the special 1978 program averaged \$1.30 per pound, 1 cent below the auction average. The 10.6 million pounds of baled burley was about one-half the quantity growers had intended to market. The quality approximated that of tied burley marketed.

## SOUTHERN MARYLAND

### Auctions Open April 10

Auctions for the 1978 crop of Southern Maryland tobacco (type 32) are scheduled to open

April 10 and end June 1. Maryland tobacco does not receive Government price support. For the 1977 crop (marketed mostly in 1978), growers received the highest average price on record, \$1.15 a pound. Quantity marketed through auctions has averaged 30 million pounds in the last five seasons. Last season, almost no type 32 tobacco was grown in quota-type areas because the quota law counts most of those sales against the producer's quota or penalties are imposed.

### Supply Declines

The decline in exports in the 1977/78 marketing year cut use. Growers produced a 7-percent larger crop in 1978 than the previous season. This marketing year's supply (October 1978-September 1979) is 5 percent larger than 1977/78, when use was 28 million pounds, about the same as marketings (October 1977-September 1978), despite

**Table 28—Southern Maryland tobacco, type 32: Acreage, yield, production, carryover, supply, disappearance, season average price, 1969-78**

Marketing year	Acreage harvested	Yield per acre	Supply			Disappearance <sup>1</sup>			Average price per pound to growers
			Production	Stocks, Jan. 1	Total	Total	Domestic	Exports	
	<i>Thousand acres</i>	<i>Pounds</i>	<i>--- Million pounds ---</i>						<i>Cents</i>
1969 .....	26.5	1,060	28.1	66.7	94.8	41.3	29.1	12.2	75.1
1970 .....	27.0	1,090	29.4	50.1	79.5	39.5	27.6	11.9	78.6
1971 .....	27.0	1,040	28.1	46.0	74.1	25.5	17.5	8.0	81.9
1972 .....	24.0	990	23.8	46.6	70.4	25.5	13.4	12.1	84.5
1973 <sup>2</sup> .....	27.8	1,260	35.0	43.8	78.8	26.1	13.8	12.3	87.8
1974 <sup>2</sup> .....	26.0	1,260	32.8	51.7	84.5	33.5	25.0	8.5	92.2
1975 <sup>2</sup> .....	23.5	950	21.1	53.6	74.7	34.8	25.1	9.7	107.5
1976 <sup>3</sup> .....	23.0	1,300	29.9	41.9	71.8	29.7	17.2	12.5	110.0
1977 .....	23.0	1,310	30.1	45.3	75.4	28.3	18.9	9.4	115.1
1978 <sup>4</sup> .....	23.0	1,400	32.2	41.7	73.9				

<sup>1</sup> Year beginning October 1. <sup>2</sup> Includes sales and certification. <sup>3</sup> Based on Maryland crop and 75 thousand pounds estimated for other states. <sup>4</sup> Preliminary.



record prices (table 28). Sharply higher exports in the October-December 1978 period cut January 1, 1979 stocks below a year earlier. Thus, calendar year supply is lower than calendar 1978.

During October 1978-January 1979, Switzerland, the major market, along with Ecuador and West Germany, took considerably more Maryland tobacco.

No quotas apply on Maryland tobacco. Public Law 95-592, approved November 9, 1978, waived penalties for growing 1975 Maryland tobacco in burley quota areas. Penalties were assessed on Maryland tobacco grown and marketed in a burley quota area through regulations adopted in 1973 (amended in 1975).

Production of Maryland tobacco has remained close to 30 million pounds since 1968, except 1972 and 1975 when yields were poor. The 1979/80 supply—projected output plus tentative carryover—will rise to 2.6 times annual use.

## FIRE-CURED

### Larger Crop—Lower Prices

Auction prices declined for the second consecutive season after the 1976/77 record; the volume of fire-cured (types 21-23) rose again and quality declined. The overall average auction price of \$1.03 per pound for the 1978 crop (types 21-23) is down 12 percent from last year. Auction sales began in early December.

Auctions for Kentucky-Tennessee (types 22-23) began January 18, but experienced several delays because of weather, as well as grower dissatisfaction with prices. Only two-fifths of the estimated crop had moved through auctions by the end of February. Last season, 43 percent of the crop was purchased directly on the farm. This season's country sales are below a year earlier. Last winter's weather hampered preparation of the crop and sales could not end until April 4, 1978. A closing date has not been set for 1979 auction sales.

For types 22-23, this season's grade price averages ranged from \$1.46 per pound for some B3F grades to 50 cents for N2. Prices at the farm are reported to be higher than at auctions, but comparisons are difficult to make since no price support or inspection is available. More nondescript and poor quality tobacco has appeared at auction this year compared with last season, resulting in a sharp increase of deliveries to grower cooperatives under the loan program.

Virginia crop (type 21) prices were down slightly, as was production. Final sales of type 21 were held on February 16. Volume of producer

marketings decreased 8 percent for type 21. One-fourth of the crop, 1.8 million pounds, was placed under loan, compared with 1 million last season.

### Use May Rise

During the first third of the current marketing year (October 1978-January 1979), exports of Kentucky-Tennessee and Virginia fire-cured were well above last season's dock strike-reduced level. Foreign fire-cured production decreased 4 million pounds last year. Malawi, Tanzania, and Italy showed the principal production increases and Poland the principal decline. Consequently, U.S. exports this marketing year likely will remain above the 1977/78 level. The stability in snuff production and a slight decline in plug chewing output in the United States may result in a decline in domestic use of fire-cured types in 1978/79 (table 29).

### Acreage Allotments Cut

Acreage allotments for 1979 for farms growing Kentucky-Tennessee fire-cured were cut 15 percent and Virginia fire-cured, 10 percent. Growers planted 76 percent of their allotments in 1978. With auction prices declining 12 percent, growers may reduce plantings below the average of 30,800 acres over the past three seasons. Using average yield, production in 1979 will likely equal disappearance in 1977/78.

Carryover of fire-cured tobacco on October 1, 1979 may rise above the 60 million pounds of last October 1. For next year, carryover stocks and the smaller projected crop may provide a supply about the same as the current year's 116 million pounds.

## DARK AIR-CURED

### Supplies Larger, Prices Down

Prices declined 17 percent from the record high for the 1977 crop of One Sucker, Green River, and Virginia sun-cured tobaccos (types 35-37). Quality of offerings was below the previous season, while total volume was up. Auction sales started in early December and ended by February 2.

Grade price averages were the same for heavy and thin leaf and lower for low grade lugs and nondescript. Grades of C3F and B3F for One Sucker (type 35) were \$1.28 and \$1.30 per pound, respectively, the same as last season's. Nondescript N1G was \$0.57, 46 cents below last season. The average price was down 23 cents for type 35 (the largest sales volume). Grade averages for Green River (type 36) were up 1 cent for fair quality, thin leaf (C4F46) and down 54 cents (\$0.55) per pound

Table 29—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, 1969-78

(Farm-sales weight)

Marketing year beginning October 1	Acreage harvested	Yield per acre	Production	Beginning stocks, October 1—			Total supply
				Manufacturers and other	Under loan	Total	
	<i>Thousand acres</i>	<i>Pounds</i>		<i>--- Million pounds ---</i>			
Kentucky-Tennessee fire-cured, types 22-23							
1969 .....	19.0	1,797	34.1	61.1	11.6	72.7	106.8
1970 .....	17.7	1,749	30.9	54.1	9.7	63.8	94.7
1971 .....	19.5	1,928	37.6	48.6	4.7	53.3	90.9
1972 .....	20.4	1,844	37.6	55.0	1.2	56.2	93.8
1973 .....	16.6	1,668	27.7	54.2	3.1	57.3	85.0
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	( <sup>2</sup> )	42.6	75.8
1977 .....	25.6	1,766	45.2	41.2	( <sup>2</sup> )	41.2	86.4
1978 <sup>1</sup> .....	27.0	1,880	50.8	50.0	1.0	51.0	101.0
Virginia fire-cured, type 21							
1969 .....	5.0	1,340	6.7	8.0	1.9	9.9	16.6
1970 .....	5.0	1,230	6.2	8.4	1.4	9.8	16.0
1971 .....	5.0	1,180	5.9	8.0	1.0	9.0	14.9
1972 .....	4.8	970	4.7	7.9	.4	8.3	13.0
1973 .....	4.7	1,205	5.7	7.6	( <sup>2</sup> )	7.6	13.3
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	( <sup>2</sup> )	7.4	12.7
1977 .....	7.2	1,000	7.2	7.0	( <sup>2</sup> )	6.7	13.9
1978 <sup>1</sup> .....	6.2	1,100	6.8	7.9	.8	8.7	15.5
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>
Kentucky-Tennessee fire-cured, types 22-23							
1969 .....	43.0	18.5	24.5	48.1	44.6	1.9	5.6
1970 .....	41.4	13.1	28.3	54.4	46.6	( <sup>2</sup> )	.1
1971 .....	34.7	16.0	18.7	60.8	48.5	( <sup>2</sup> )	.1
1972 .....	36.5	14.2	22.3	57.3	50.8	2.8	7.4
1973 .....	39.9	15.7	24.2	71.7	53.5	.2	.7
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	( <sup>2</sup> )	---
1977 .....	35.4	17.4	18.0	125.6	79.5	1.1	2.4
1978 .....				<sup>4</sup> 110.8	84.6	<sup>4</sup> 4.9	<sup>4</sup> 9.7
Virginia fire-cured, type 21							
1969 .....	6.8	1.7	5.1	53.1	44.6	.1	1.5
1970 .....	7.0	2.4	4.6	52.0	46.6	.1	2.0
1971 .....	6.6	3.1	3.5	54.8	48.5	.1	1.0
1972 .....	5.4	1.3	4.1	64.2	50.8	( <sup>2</sup> )	.1
1973 .....	6.2	1.7	4.5	75.5	53.5	( <sup>2</sup> )	---
1974 .....	5.7	0.7	5.0	81.7	58.2	.3	4.5
1975 .....	4.8	1.4	3.4	93.0	65.2	( <sup>2</sup> )	.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 .....				94.6	84.6	1.8	26.2

<sup>1</sup> Based on January crop summary. <sup>2</sup> Less than 50,000 pound. <sup>3</sup> Includes 400,000 pounds fire loss, December 1976. <sup>4</sup> Through March 1.

**Table 30—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, 1969-78**

(Farm-sales weight)

Marketing year beginning Oct. 1	Acreage harvested	Yield per acre	Production	Beginning stocks			Total supply
				Manufacturers and others	Under loan	Total	
	<i>Thousand acres</i>	<i>Pounds</i>		<i>--- Million pounds ---</i>			
Dark air-cured, types 35-36							
1969 .....	10.1	1,793	18.1	44.1	15.0	59.1	77.2
1970 .....	8.2	1,863	15.4	35.5	18.2	53.7	69.1
1971 .....	8.6	1,834	15.7	35.5	14.3	49.8	65.5
1972 .....	8.2	1,875	15.5	33.5	12.7	46.2	61.7
1973 .....	7.6	1,647	12.4	31.9	12.8	44.7	57.1
1974 .....	7.0	1,653	11.6	31.4	5.5	36.9	48.5
1975 .....	8.0	1,750	14.0	32.7	( <sup>2</sup> )	32.9	46.9
1976 .....	9.3	1,660	15.1	28.2	---	28.2	43.3
1977 .....	11.2	1,770	20.4	26.1	---	26.1	46.5
1978 <sup>1</sup> .....	11.3	1,873	<sup>3</sup> 21.2	30.4	( <sup>2</sup> )	30.4	51.5
Sun-cured, type 37							
1969 .....	1.1	1,225	1.3	3.8	0	3.8	5.1
1970 .....	1.0	1,100	1.1	3.3	0	3.3	4.4
1971 .....	.9	1,200	1.1	3.1	0	3.1	4.2
1972 .....	.8	1,010	.8	3.0	0	3.0	3.8
1973 .....	.7	1,320	.9	3.2	0	3.2	4.1
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 <sup>1</sup> .....	.8	1,175	<sup>3</sup> .9	1.8	0	1.8	2.7
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>
Dark air-cured, types 35-36							
1969 .....	23.5	21.2	2.3	40.3	39.7	4.8	26.5
1970 .....	19.3	16.7	2.6	46.0	41.4	1.0	6.8
1971 .....	19.3	17.4	1.9	47.1	43.1	1.7	10.7
1972 .....	17.0	14.7	2.3	50.3	45.2	1.2	.8
1973 .....	20.2	17.4	2.8	61.9	47.6	( <sup>2</sup> )	.2
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	( <sup>2</sup> )	---
1977 .....	16.1	13.6	2.4	117.7	70.7	( <sup>2</sup> )	---
1978 .....				<sup>3</sup> 96.3	75.2	4.3	19.7
Sun-cured, type 37							
1969 .....	1.8	1.5	.3	52.8	39.7	<sup>4</sup> 1	.1
1970 .....	1.3	1.1	.2	53.8	41.4	<sup>4</sup> 3	.3
1971 .....	1.2	1.0	.2	54.1	43.1	0	---
1972 .....	.6	.4	.2	57.9	45.2	0	---
1973 .....	1.1	.9	.2	69.2	47.6	0	---
1974 .....	1.6	1.3	.3	82.1	51.8	<sup>4</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	<sup>3</sup> 100.0	70.7	<sup>4</sup> 13	1.6
1978 .....				<sup>3</sup> 88.6	75.2	<sup>3</sup> 109	12.4

<sup>1</sup> Subject to revision. <sup>2</sup> Less than 50,000 pounds. <sup>3</sup> Sales. <sup>4</sup> Quantity placed under loan in thousands of pounds.

--- Less than .05 percent

for N2G. The total Green River average was down 16 cents. Lower prices for nondescript grades of One Sucker and Green River and large increases in the share of wet tobacco were major reasons for the sharp decline in the overall average of these types. The Virginia sun-cured (type 37) average declined 12 cents from the 1977 crop.

At 54 million pounds, the 1978/79 supply of dark air-cured is up 11 percent. Virginia sun-cured supplies stabilized (table 30).

#### **Use Pattern Mixed**

Plug, twist, and fine-cut chewing tobaccos are the chief domestic outlets for dark air-cured tobaccos. Chewing tobacco output increased in the last four years. During October-December 1978—the first quarter of the current marketing year—the output was 5 percent higher than a year earlier.

#### **Allotments Unchanged**

This year, acreage allotments of dark air-cured tobacco (types 35-36) remain slightly over 13,000 acres and sun-cured allotments are about 1,400 acres. Although allotments are unchanged, lower prices suggest growers may cut production below this past season's level.

## **CIGAR TOBACCO**

#### **Prices Higher**

Cigar tobacco producers are receiving higher prices this season. Crops continue to be sold into early 1979. Most of the Connecticut and Wisconsin binder crops were sold last fall. Buyers and sellers have been negotiating prices for Ohio and Pennsylvania crops since February. Sales have been sluggish for filler, but binder demand has been strong. Pennsylvania tobacco sold for 63 cents per pound. Prices have been near 75 cents in Ohio and 100 cents in Wisconsin. Season average price and production data for the 1978 cigar tobacco crop are scheduled for release on May 10.

Overall price support levels for the 1979 crop of cigar leaf tobacco are 6.9 percent higher than for the 1978 crops. No Government price support applies for Pennsylvania tobacco (type 41) or for shade-grown cigar wrapper (types 61-62). No production of type 62, Georgia-Florida, shade-grown, is expected.

For many years, the Puerto Rican Government has allocated an annual poundage quota to cigar filler growers and made supplemental payments. The current supplement is 23 cents per pound. The

supplement seeks to encourage production that has been below disappearance in most recent years.

#### **Cigar Filler and Binder Allotments the Same as 1978**

For most farms growing cigar filler and binder tobacco (types 42-44, 51-52, and 53-55), USDA set 1979 acreage allotments the same as for 1978. For several years, the USDA has allowed Ohio filler and Wisconsin binder farms to surrender their allotment and retain their crop history. Allotments are reallocated to other farms.

Annually since 1970, USDA has suspended quotas for Connecticut Valley binder (types 51-52). Price supports remain in effect.

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

Total supplies of U.S. and Puerto Rican cigar tobacco are up 4 percent—4 million pounds—as an increase in carryover offset lower production. Cigar wrapper supplies continued to decrease (table 32). Wrapper production in Georgia and Florida has ceased since the loss of the major outlet in 1976. The Puerto Rican crop planted in late 1978 for harvest in early 1979 is tentatively estimated at 3.5 million pounds—the same as last year.

Cigar tobaccos have the weakest market for U.S. tobacco types in recent years. After 7 years of sharp reductions, cigar wrapper supplies are still adequate for the declining disappearance.

Less foreign cigar tobaccos arrived in the United States in 1978 than the year before. Foreign-grown leaf stocks on January 1, 1979 were 8 percent below a year earlier. However, stocks of 93 million pounds remain about double annual use (table 31).

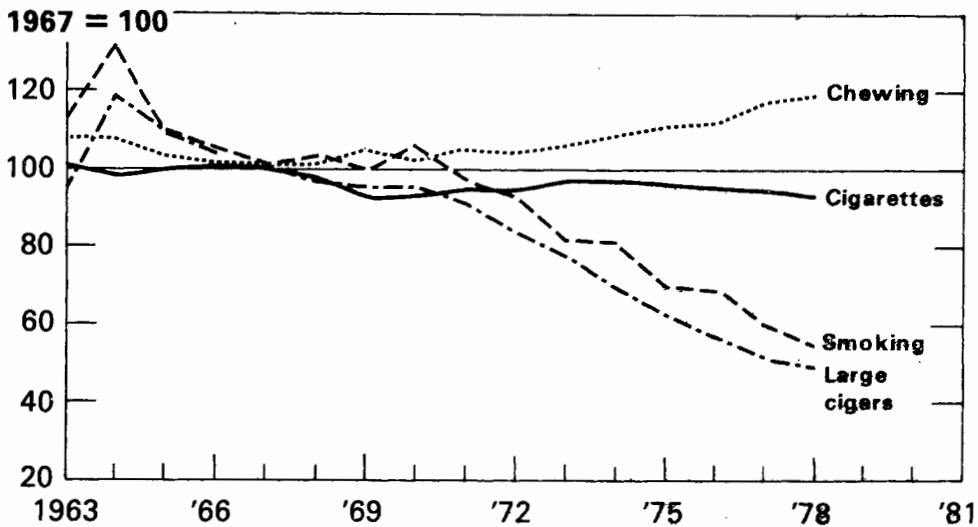
#### **Domestic Use Declining**

Cigarmakers continued to sell fewer small and large cigars in 1978. However, the demand for cigar filler and binder for chewing tobacco increases with rising chewing tobacco production. Imported tobacco accounts for about three-fourths of our total filler use. During October 1978-January 1979, cigar factories used more imported cigar tobacco than a year earlier, with most major sources providing more.

Cigar wrapper use has reached a record low level. Nevertheless, total disappearance is expected to equal the 1978 crop of 4.2 million pounds. July 1, 1979 carryover will equal last season's.

The potential increase in cigar tobacco use rests upon an increase in sales of chewing tobacco and expensive cigars. These gains could boost sales of Wisconsin and Connecticut Valley binder.

## PER CAPITA CONSUMPTION OF TOBACCO PRODUCTS<sup>o</sup>



<sup>o</sup> PER MALE 18 AND OVER, EXCEPT CIGARETTES PER PERSON 18 AND OVER. LATEST YEAR PRELIMINARY.

USDA

NEG. ESCS 3105-78 (9)

Table 31—Foreign grown cigar leaf tobacco: U.S. imports and stocks, 1975-78  
(Farm sales weight)

Country of origin	Imports for consumption year ending September 30—				Dealers and manufacturers stocks October 1			
	1975	1976	1977	1978	1975	1976	1977	1978
	<i>Million pounds</i>							
Philippines .....	20.5	27.0	17.4	13.8	37.9	39.0	31.2	22.9
Dominican Republic .....	17.8	16.0	14.2	9.8	21.0	14.5	12.6	13.3
Brazil .....	19.9	24.8	22.8	4.9	7.8	6.2	6.4	6.5
Columbia .....	8.4	6.5	3.4	3.8	11.3	10.1	9.1	7.6
Paraguay .....	8.1	4.7	4.6	3.6	8.8	4.8	7.4	5.6
Mexico .....	<sup>1</sup> 6.5	7.6	4.1	5.1	5.9	3.0	3.2	5.6
Indonesia .....	11.2	8.5	5.5	6.9	11.1	10.9	12.0	12.7
All others .....	22.8	16.8	7.2	12.7	25.6	20.8	20.4	17.3
Total .....	115.2	111.9	79.2	60.6	129.4	109.4	102.5	91.5

<sup>1</sup> Estimated at 1973/74 level.

Table 32--Cigar tobacco, types 41-62: Domestic supplies, disappearance, and season average prices, 1969-78

(Farm-sales weight)

Crop year	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)									
1969	20.0	1,825	36.5	105.1	140.6	44.3	43.7	.6	30.0
1970	17.0	1,800	30.6	97.3	127.9	40.9	40.7	.2	31.0
1971	15.2	1,610	24.5	87.0	111.5	41.3	40.6	.4	36.0
1972	13.0	1,400	18.2	70.2	88.4	34.7	34.4	.3	46.0
1973	13.0	1,700	22.1	53.7	75.8	28.3	27.5	.8	52.0
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	.3	60.0
1978 <sup>2</sup>	13.0	1,940	25.2	54.1	79.3				
Ohio, Miami, Valley Filler (types 42-44)									
1969	1.7	1,650	2.8	10.9	13.7	4.7	4.7	---	32.5
1970	1.6	1,750	2.9	9.0	11.9	4.1	4.1	---	38.0
1971	2.0	1,850	3.8	7.8	11.6	4.6	4.6	---	41.0
1972	2.4	1,780	4.2	7.0	11.2	4.4	4.4	---	44.0
1973	2.2	1,420	3.1	6.8	9.9	4.0	4.0	---	51.0
1974	2.0	1,530	3.1	5.9	9.0	3.1	3.1	---	59.0
1975	1.8	1,660	3.0	5.9	9.1	3.4	3.4	---	60.0
1976	1.8	1,550	2.8	5.7	8.5	2.5	2.5	---	59.0
1977	1.7	1,900	3.2	6.0	9.2	2.2	2.2	---	62.0
1978 <sup>2</sup>	1.4	1,950	2.7	7.0	9.7				
Puerto Rico Filler (type 46) <sup>3,4</sup>									
1969	4.7	1,303	6.1	25.8	31.9	12.6	12.6	---	33.6
1970	3.2	1,397	4.5	19.3	23.8	8.8	8.8	---	36.1
1971	4.8	1,418	6.7	15.0	21.7	9.0	9.0	---	39.8
1972	5.6	883	4.8	12.7	17.5	8.3	8.3	---	42.1
1973	4.5	1,435	6.5	9.2	15.7	5.7	5.7	---	42.1
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	2.3	1,480	3.4	6.4	9.8	3.4	3.4	---	60.2
1978 <sup>2</sup>	2.3	1,520	3.5	6.4	9.9				
Total Cigar Filler (types 41-46)									
1969	26.4	1,721	45.4	141.8	187.2	61.6	61.0	.6	30.6
1970	21.8	1,737	38.0	125.6	163.6	53.8	53.6	.2	32.1
1971	22.0	1,587	35.0	109.8	144.8	54.9	54.5	.4	37.3
1972	21.0	1,293	27.2	89.9	117.1	47.4	47.1	.3	45.0
1973	19.7	1,450	31.7	69.7	101.4	38.0	37.2	.8	49.7
1974	18.0	1,850	33.1	63.4	96.5	35.3	35.0	.3	56.6
1975	17.3	1,630	27.3	61.2	88.5	28.8	28.4	.4	56.2
1976	18.2	1,676	30.5	59.7	90.2	28.1	27.7	.4	59.4
1977	17.5	1,884	32.8	62.1	94.9	27.4	27.1	.3	60.2
1978 <sup>2</sup>	16.7	1,880	31.4	67.5	98.9				
Connecticut Valley Binder (types 51-52)									
1969	1.6	1,434	2.3	8.9	11.2	4.2	3.9	.3	58.2
1970	1.7	1,756	2.9	7.0	9.9	2.7	2.4	.3	65.5
1971	1.6	1,743	2.8	7.2	10.0	2.6	2.5	.1	65.1
1972	1.6	1,600	2.5	7.4	9.9	2.4	2.3	.1	70.1
1973	1.6	1,721	2.7	7.5	10.2	3.2	3.1	.1	72.8
1974	1.5	1,737	2.5	7.0	9.5	3.3	3.1	.2	82.0
1975	1.5	1,568	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	( <sup>5</sup> )	<sup>6</sup> 99.0
1978 <sup>2</sup>	1.5	1,716	2.6	4.9	7.5				
Southern Wisconsin Binder (type 54)									
1969	3.7	1,740	6.4	19.6	26.0	9.3	9.3	---	40.2
1970	4.4	2,135	9.4	16.7	26.1	7.3	7.3	---	50.3
1971	5.3	2,270	12.0	18.8	30.8	10.5	10.5	---	55.6
1972	5.0	1,685	8.4	20.3	28.7	9.3	8.3	---	48.0
1973	4.9	1,950	9.6	19.4	29.0	10.1	10.1	---	60.5
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	---	85.5
1978 <sup>2</sup>	6.2	1,900	11.8	26.0	37.8				
Northern Wisconsin Binder (type 55)									
1969	3.7	1,815	6.7	20.7	27.4	8.8	8.5	.3	43.4
1970	4.4	2,055	9.0	18.6	27.6	9.2	9.1	.1	52.0
1971	5.3	1,980	10.5	18.4	28.9	9.9	9.9	*	54.0
1972	5.8	1,770	10.3	19.0	29.3	9.8	9.8	*	49.0
1973	5.3	1,775	9.4	19.5	28.9	12.0	12.0	*	60.7
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 <sup>2</sup>	5.9	1,770	10.4	19.1	29.5				

See footnotes at end of table.

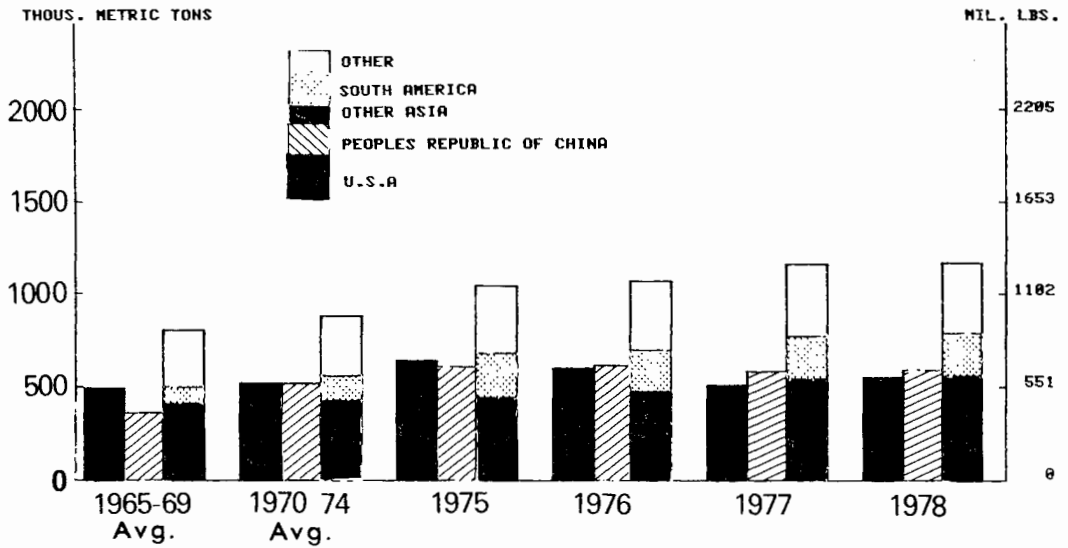
Table 32—Cigar tobacco, types 41-62: Domestic supplies, disappearance, and season average prices, for 1969-78—Cont.

(Farm-sales weight)

Crop year	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
Total Wisconsin Binder (types 54-55)									
1969	7.4	1,778	13.1	40.3	53.4	18.1	17.8	.3	41.8
1970	8.8	2,095	18.4	35.3	53.7	16.5	16.4	.1	51.1
1971	10.6	2,125	22.5	37.2	59.7	20.4	20.4	*	54.9
1972	10.8	1,731	18.7	39.3	58.0	19.1	19.1	*	48.5
1973	10.2	1,859	19.0	38.9	57.9	22.2	22.2	*	60.6
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	85.5
1978 <sup>2</sup>	12.1	1,836	22.2	45.1	67.3				
Total Cigar Binder (types 51-55)									
1969	9.0	1,716	15.4	49.2	64.6	22.3	21.7	.6	44.3
1970	10.5	2,041	21.3	42.3	63.6	19.2	18.8	.4	53.1
1971	12.2	2,075	25.3	44.4	69.7	23.0	22.9	.1	56.1
1972	12.4	1,714	21.2	46.7	67.9	21.5	21.4	.1	51.1
1973	11.8	1,841	21.7	46.4	68.1	25.4	25.3	.1	62.1
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	65.1	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	86.3
1978 <sup>2</sup>	13.6	1,823	24.8	50.0	74.8				
Connecticut Valley Shade-grown (type 61)									
1969	6.3	1,288	8.1	12.1	20.2	8.0	7.0	1.0	400.0
1970	6.0	1,535	9.3	12.2	21.5	7.6	6.6	1.0	400.0
1971	4.7	1,635	7.7	13.9	21.6	8.4	5.7	2.7	400.0
1972	4.1	1,250	5.1	13.2	18.5	7.6	4.8	2.8	485.0
1973	5.0	1,210	6.1	10.7	16.8	8.3	6.4	1.9	515.0
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 <sup>2</sup>	3.0	1,390	4.2	9.3	13.5				
Georgia-Florida Shade-grown (type 62)									
1969	5.0	1,569	7.8	7.5	15.3	6.1	5.2	.9	280.0
1970	3.6	1,590	5.6	9.2	14.8	6.7	5.8	.9	270.0
1971	3.0	1,582	4.7	8.1	12.8	6.2	5.4	.8	262.0
1972	3.0	1,517	4.6	6.6	11.2	4.2	3.8	.4	280.0
1973	2.6	1,413	3.7	7.0	10.7	4.2	3.7	.5	350.0
1974	1.9	1,724	3.2	6.5	9.7	3.6	3.1	.5	380.0
1975	1.1	1,556	1.7	6.2	7.9	1.9	1.5	.4	400.0
1976	.4	1,680	.6	6.0	6.6	2.4	2.0	.4	395.1
1977	.1	1,630	.2	4.2	4.5	1.1	.6	.5	400.0
1978 <sup>2</sup>	0	---	0	3.4	3.4				
Total Shade-grown (types 61-62)									
1969	11.3	1,411	15.9	19.6	35.5	14.1	12.2	1.9	341.3
1970	9.6	1,555	14.9	21.4	36.3	14.3	12.4	1.9	351.0
1971	7.7	1,614	12.4	22.0	34.4	14.6	11.1	3.5	347.5
1972	7.1	1,365	9.7	19.8	29.5	11.8	8.6	3.2	387.0
1973	7.6	1,280	9.8	17.7	27.5	12.5	10.1	2.4	452.2
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	7.6	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 <sup>2</sup>	3.0	1,390	4.2	12.6	16.9				
Grand Total Cigar Tobacco (types 41-62)									
1969	46.7	1,645	76.7	210.6	287.3	98.0	94.9	3.1	97.7
1970	41.9	1,771	74.2	189.3	263.4	87.3	84.8	2.5	102.3
1971	41.9	1,734	72.7	176.2	248.9	92.5	88.5	4.0	96.7
1972	40.4	1,434	58.1	156.4	214.5	80.7	77.1	3.6	104.4
1973	39.1	1,627	63.2	133.8	197.0	75.9	72.6	3.3	116.1
1974	35.5	1,834	65.3	121.2	186.3	67.7	62.8	4.9	142.5
1975	35.4	1,635	57.9	118.6	176.5	60.1	55.2	4.9	135.1
1976	35.4	1,700	60.3	116.8	177.1	57.5	53.1	4.4	121.4
1977	34.3	1,906	64.9	119.5	184.4	54.3	49.1	5.2	114.4
1978 <sup>2</sup>	33.3	1,814	60.4	130.1	191.2				

<sup>1</sup> October 1 for types 41-55; July 1 for types 61-62. <sup>2</sup> Based on November 1 crop prospects and crop summary, *cs.* <sup>3</sup> Puerto Rican planting occurs late in calendar year; projected for 1978. <sup>4</sup> Excludes payment by Puerto Rican Government; 23 cents per pound in 1976. <sup>5</sup> Under 50,000 pounds. <sup>6</sup> Estimated.

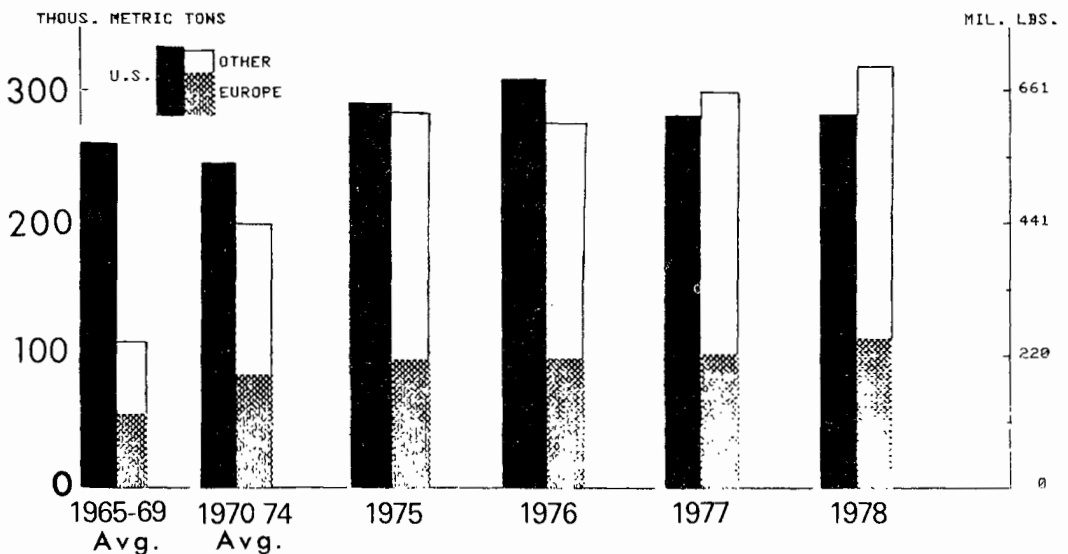
# FLUE-CURED TOBACCO: ESTIMATED WORLD PRODUCTION



USDA

NEG. ESCS 2359-79 (2)

# BURLEY TOBACCO: ESTIMATED WORLD PRODUCTION



USDA

NEG. ESCS 2402-78 (12)



# INTERNATIONAL DEVELOPMENTS

## World Tobacco Harvest Rises<sup>4</sup>

World tobacco production in 1978 was up about 2.6 percent to 12.3 billion pounds. The United States, Turkey, Canada, Brazil, India, and Bulgaria increased their production; and Greece, Poland, Korea, and Argentina decreased theirs (table 33).

In 1978, Brazil's output of flue-cured and burley pushed total production 42 percent above the 1972-

76 average. Both higher prices to farmers and a new grading system to encourage production of the higher quality, light tobacco helped expand the incentive to boost output. The demand for acceptable export quality Brazilian flue-cured provided the incentive to increase production 52 percent above the 1972-76 average. However, world flue-cured production was up 9 percent in 1978 over 1972-76, as the world's three largest producers, China, United States, and Brazil, produced only 5 percent more than the earlier period.

Burley production in the United States and the rest of the world rose above the 1977 level. World burley production in 1978 was about one-fourth as large as flue-cured output. As the American-type of blended cigarette increases in popularity abroad, burley production is expected to expand.

The 8-percent increase in Oriental tobacco output paced the total world tobacco crop. Oriental production in 1978 was more than two-fifths as large as flue-cured. Oriental tobacco makes up most of the 20 percent of imported tobacco used in the popular American-made blended cigarette. The 1978 rise in Oriental leaf output resulted from more acreage in Turkey and higher yields in Bulgaria. Turkish output was up 19 percent and Bulgarian output was up 42 percent.

Table 33—Flue-cured, burley and Oriental tobacco production in specified countries, average 1970-74, 1977-78

Country	Average 1970-74	1977 <sup>1</sup>	1977 <sup>2</sup>
<i>Million pounds</i>			
<b>Flue-cured:</b>			
Argentina .....	62	97	76
Canada .....	223	223	248
Mexico .....	13	18	18
Brazil .....	191	364	395
Angola .....	8	5	5
Mozambique .....	6	3	3
Zambia .....	12	12	8
Malawi .....	1	51	48
Rhodesia .....	141	177	110
Tanzania .....	25	34	39
Uganda .....	6	3	4
South Africa .....	40	63	68
Iran .....	8	8	11
China, Taiwan .....	39	54	49
Sri Lanka .....	11	12	12
India .....	256	269	320
Indonesia .....	32	39	32
Japan .....	199	224	221
Korea, Rep. of .....	142	204	203
Pakistan .....	53	66	70
Philippines .....	64	99	93
Thailand .....	52	81	75
Bangladesh .....	1	47	31
<b>Total .....</b>	<b>1,585</b>	<b>2,153</b>	<b>2,147</b>
<b>Oriental:</b>			
Greece .....	162	224	209
Bulgaria .....	270	212	300
Yugoslavia .....	93	100	93
Turkey .....	376	540	639
<b>Total .....</b>	<b>901</b>	<b>1,076</b>	<b>1,241</b>
<b>Burley:</b>			
Italy .....	82	98	99
Mexico .....	20	60	58
Greece .....	28	38	41
Korea, Rep. of .....	52	114	101
Malawi .....	13	22	26
Brazil .....	30	57	68
<b>Total .....</b>	<b>225</b>	<b>389</b>	<b>393</b>

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

Compiled from reports of Foreign Agricultural Service.

<sup>4</sup> Further details in Foreign Agriculture Circular, FT2-79, January 1979.

## Other News Briefs

Cigarettes containing tobacco substitutes have captured only 0.2 percent of the United Kingdom market. Cigarettes with tobacco substitutes have had some success in Switzerland, but have not dampened the demand for conventional cigarettes. A specialty or novelty cigarette made from the skin of cocoa beans is being sold in smoke shops in the United States. The product is meant for smokers who want to quit smoking tobacco cigarettes or who want to smoke something without nicotine.

*Brazil* expanded tobacco plantings reflecting producer satisfaction with rising tobacco prices. With increased sucker control and a new leaf classification system that rewards quality, the outlook for expanded flue-cured production is favorable. The crop increase follows a year when Brazilian cigarette leaf exports were down 12 percent from a year earlier.

*China*, the world's largest producer of tobacco and cigarettes, has signed an agreement to permit a U.S. manufacturer to sell cigarettes to foreign tourists at hotels, duty-free stores, and foreign currency shops. China had previously contracted to import small quantities of Japanese cigarettes for sale to tourists. Sales under the agreements are likely to be relatively insignificant.

**Table 34— United States and world production and exports of flue-cured, burley and all unmanufactured tobacco, 1955-78**

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 States <sup>1</sup>	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 .....	1,335	3,305	41	623	775	80	2,211	8,898	25
1966 .....	1,108	3,531	31	587	802	73	1,899	9,636	20
1967 .....	1,263	3,859	33	541	811	67	1,979	10,368	19
1968 .....	982	3,649	27	563	837	67	1,721	9,833	18
1969 .....	1,053	3,823	28	591	866	68	1,810	9,821	18
1970 .....	1,193	3,937	30	561	906	62	1,911	10,021	19
1971 .....	1,078	3,918	28	473	868	55	1,712	9,865	17
1972 .....	1,012	4,076	25	601	1,094	55	1,754	10,155	17
1973 .....	1,157	4,404	27	450	944	48	1,744	10,670	17
1974 .....	1,241	4,788	26	613	1,113	55	1,994	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	4,977	23	617	1,284	48	1,912	12,015	16
1978 <sup>2</sup>	1,230	5,087	24	617	1,319	47	2,016	12,329	16
Exports (unmanufactured, export weight) <sup>3</sup>									
Average:									
1955-59 .....	413	683	60	28	47	60	500	<sup>3</sup> 1,434	35
1960-64 .....	397	772	52	42	74	57	497	<sup>3</sup> 1,691	30
1966 .....	423	710	60	46	107	43	551	<sup>3</sup> 1,689	33
1967 .....	427	750	57	46	97	40	572	<sup>3</sup> 1,821	31
1968 .....	444	800	56	43	108	40	599	<sup>3</sup> 1,801	33
1969 .....	430	845	51	52	127	41	577	<sup>3</sup> 1,810	32
1970 .....	368	810	45	41	125	33	510	<sup>3</sup> 1,838	28
1971 .....	342	893	38	36	128	28	473	<sup>3</sup> 1,890	25
1972 .....	425	1,047	41	54	175	31	606	<sup>3</sup> 2,341	26
1973 .....	418	1,049	40	59	210	28	613	<sup>3</sup> 2,288	27
1974 .....	441	1,152	38	61	265	23	651	<sup>3</sup> 2,603	25
1975 .....	391	1,010	39	62	231	27	563	2,378	24
1976 .....	379	1,198	32	68	258	26	587	2,935	20
1977 .....	412	1,185	35	79	282	28	629	2,778	23
1978 <sup>2</sup>	455	---	---	91	---	---	700	---	---

<sup>1</sup> Includes Puerto Rico. <sup>2</sup> Subject to revision. <sup>3</sup> Total excluding Sino-Soviet countries. <sup>4</sup> Estimated. Foreign data supplied by the Tobacco and Cotton Division, Foreign Agricultural Service. --- Not available.

**Table 35—Japan tobacco: Production, tobacco and cigarettes, and tobacco imports, 1975-77<sup>1</sup>**

Item	1975	1976	1977
	--- Thousand metric tons ---		
Production <sup>2</sup> .....	147	158	157
Imports by source:			
United States .....	48	57	45
Other .....	44	41	37
Total .....	92	98	83
	--- Billions ---		
Cigarette production .....	294	276	298

<sup>1</sup> Compiled from official trade data. <sup>2</sup> Redried weight.

**Table 36—United Kingdom tobacco: Imports, exports, stocks, clearances, and exports, 1975-77<sup>1</sup>**

Item	1975	1976	1977
	--- Million pounds ---		
Imports by source:			
United States .....	88	69	46
Commonwealth .....	140	107	103
Other .....	86	108	131
Total .....	314	284	280
Exports:			
Manufactured products .....	70	78	87
Unmanufactured .....	6	7	10
Stocks, Dec. 31:			
United States .....	121	112	NA
Other .....	278	292	NA
Total .....	399	404	NA
Gross clearances:			
Commonwealth rate .....	134	112	<sup>2</sup> 54
Other rates .....	174	200	<sup>2</sup> 269
Total .....	308	312	<sup>2</sup> 323

<sup>1</sup> Compiled from official trade data. <sup>2</sup> January-September. NA=not available.

**Table 37—West Germany: Production and imports, 1975-77**

Item	1975	1976	1977
	--- Thousand metric tons ---		
Production <sup>2</sup> .....	8	9	9
Imports by source:			
United States .....	45	36	<sup>3</sup> 36
Other .....	134	131	<sup>3</sup> 95
Total .....	179	167	<sup>3</sup> 131
Exports and re-exports .....	10	34	32
Stocks by source, Jan. 1:			
United States .....	37	37	28
Other .....	155	155	151
Total .....	192	192	179

<sup>1</sup> Compiled from official trade data. <sup>2</sup> Redried weight. <sup>3</sup> Through November.

**Table 38—Cash receipts from farm marketings, and tobacco, 1969-78<sup>1</sup> with percentages**

Period	Cash receipts				Tobacco as a percentage of—	
	Livestock and products	All crops	Total farm	Tobacco	All crops	Total cash receipts
	<i>Million dollars</i>				<i>Percent</i>	
1969 .....	28,439	18,790	47,229	1,296	6.9	2.7
1970 .....	29,543	20,911	50,454	1,388	6.6	2.8
1971 .....	30,560	22,245	52,805	1,328	6.0	2.5
1972 .....	35,670	25,520	61,190	1,442	5.7	2.4
1973 .....	45,824	41,050	86,875	1,570	3.8	1.8
1974 .....	41,377	51,271	93,178	2,197	4.3	2.3
1975 .....	43,059	45,150	88,209	2,155	4.6	2.4
1976 .....	46,152	48,349	94,501	2,310	4.7	2.4
1977 .....	47,565	48,519	96,084	2,331	4.8	2.4
1978 <sup>1</sup> .....	58,000	52,000	110,000	2,549	4.9	2.3

<sup>1</sup> Preliminary.

**Table 39—Expenditures for tobacco products, and disposable personal income, 1969-78**

Year	Total	Cigarettes	Cigars	Other <sup>1</sup>	Disposable personal income <sup>2</sup>	Percent of disposable personal income spent on tobacco products			
						All products	Cigarettes	Cigars	Other <sup>1</sup>
	<i>Million dollars</i>				<i>Billion dollars</i>		<i>Percent</i>		
1968 .....	10,112	9,094	703	315	588	1.72	1.55	.12	.05
1969 .....	10,444	9,404	701	339	630	1.66	1.49	.11	.05
1970 .....	11,544	10,448	707	389	686	1.68	1.52	.10	.06
1971 .....	12,155	11,040	700	415	743	1.64	1.49	.09	.06
1972 .....	12,910	11,765	720	425	801	1.61	1.47	.09	.05
1973 .....	13,485	12,325	730	430	902	1.50	1.37	.08	.05
1974 .....	14,475	13,270	705	500	985	1.47	1.35	.07	.05
1975 .....	15,505	14,250	680	575	1,087	1.43	1.32	.06	.05
1976 .....	16,410	15,100	675	625	1,184	1.39	1.28	.06	.05
1977 <sup>3</sup> .....	17,200	15,850	675	675	1,303	1.32	1.22	.05	.05
1978 <sup>3</sup> .....	18,000	16,580	670	750	1,451	1.24	1.14	.05	.05

<sup>1</sup> Smoking tobacco, chewing tobacco, and snuff. <sup>2</sup> Compiled from reports of Department of Commerce, Bureau of Economic Analysis. <sup>3</sup> Subject to revision.

**Table 40—Governmental revenues from tobacco products, 1969-78**

Year	Federal Government				State and local Governments		All Governments
	Cigarettes <sup>1</sup>	Cigars <sup>2</sup>	Other <sup>3</sup>	Total	State	Local	
	<i>Million dollars</i>						
1969 .....	2,020	56	1	2,077	2,186	113	4,376
1970 .....	2,113	55	2	2,170	2,458	134	4,762
1971 .....	2,098	54	2	2,154	2,637	154	4,945
1972 .....	2,151	53	1	2,195	2,951	179	5,321
1973 .....	2,404	53	3	2,460	3,126	145	5,731
1974 .....	2,308	52	2	2,362	3,287	113	5,762
1975 .....	2,349	50	3	2,302	3,369	119	5,790
1976 .....	2,332	48	4	2,374	3,445	125	5,944
1977 .....	2,343	35	4	2,382	3,580	<sup>4</sup> 128	6,090
1978 <sup>4</sup> .....	2,455	40	5	2,500	3,640	130	6,270

<sup>1</sup> Includes large cigarettes. <sup>2</sup> Includes small cigars and revenue on cigars from Puerto Rico covered into the Treasury of Puerto Rico. <sup>3</sup> Includes cigarette paper and tubes, and imported cigarettes and cigars. <sup>4</sup> Estimated.

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

Table 41.--Marketing quota referendums, by kinds of tobacco

Kind (type numbers in parentheses) and basis of quotas <u>1/</u>	Last referendum				Next referendum	
	Date	Crops to which applicable	Number voting	Percentage voting in favor of quota <u>2/</u>	Probable date <u>3/</u>	Crops to which applicable
Flue-cured (11-14) Acreage-poundage	Dec. 16, 1976	1977-79	141,353	98.5	Dec. 1979	1980-82
Burley (31) Poundage	Feb. 22-25, 1977	1977-79	244,816	99.0	Feb. 1980	1980-82
Maryland (32)	Feb. 22-25, 1977	1977-79	2,528	31.4	Feb. 1980 <u>4/</u>	1980-82
Fire-cured (21-23)	Feb. 20-23, 1979	1979-81	9,885	94.9	Feb. 1982	1982-84
Dark air-cured (35-36)	Feb. 20-23, 1979	1979-81	10,303	95.5	Feb. 1982	1982-84
Va. sun-cured (37)	Feb. 22-25, 1977	1977-79	403	95.8	Feb. 1980	1980-82
Pa. filler (41)	Feb. 22-25, 1977	1977-79	798	13.0	Feb. 1980 <u>4/</u>	1980-82
Cigar binder (51-52)	Feb. 21-24, 1978	1978-80	175	83.4	Feb. 1981	1981-83
Cigar filler and binder (42-44, 53-55)	Feb. 21-24, 1978	1978-80	4,613	90.8	Feb. 1981	1981-83

1/ Quota based on acreage allotments unless otherwise specified. 2/ A majority of two-thirds or more of farmers voting is required for marketing quotas to become effective under the acreage allotment program or acreage-poundage program. 3/ Probable month, but referendums can occur earlier if warranted by pertinent considerations. 4/ Unless at least a fourth of the growers petition the Secretary in the interim.

## RECENT PUBLICATIONS

Barefoot, Pamela, *Mules and Memories*, A photo documentary of the tobacco farmer; chapter introductions by Burt Kornegay; John F. Blair, Publisher, 1406 W. Plaza Drive, Winston-Salem, N.C. 27103, 127 pp.

Collins, W. K., *et al*, 1979 *Tobacco Information*, North Carolina Extension Service, Dec. 1978, Raleigh, N.C. 27607, 84 pp. Contains production, harvesting, and economics information.

Koten, John, "Liggett Agrees to Sell Assets of Cigarette Unit," *Wall Street Journal*, Jan. 29, 1979, p. 18.

Kurz, P. O., and Ames, G. C. W., *Market Share Analysis of U.S. Flue-cured Tobacco Exports*, Ga. Res. Bul. 228, Nov. 1978, Athens, Ga. 30602, 24 pp. Analyzes U.S. flue-cured tobacco exports to United Kingdom, West Germany, and Japan, 1967-76.

Mayes, Dorothy (ed.), 1978 *Handbook of Agricultural Charts*, U.S. Dept. of Agr. Handbook 551, Nov. 1978, 133 pp. Includes 270 charts with tables, background, and explanatory text.

Miller, Robert H., "Burley Tobacco Supply and Demand Outlook," statement presented at USDA Burley Tobacco Quota Meeting, Lexington, Ky., Jan. 9, 1979, 8 pp.

Street, Orman E., *A History of Maryland Tobacco Research*, Maryland Agricultural Experiment Station MP 934, June 1978, 16 pp. Available from University of Maryland, College Park, Md. 20742. Introduction on Maryland tobacco trade in colonial period; first tobacco research began in 1889.

Tobacco Institute, Inc., *Connecticut and Tobacco*, 1978, 33 pp.; *Massachusetts and Tobacco*, 1978, 25 pp.; *Missouri and Tobacco*, 1978, 21 pp.; (Tobacco History Series.) Available from The Tobacco Institute, Inc., 1776 K St., N.W., Washington, D.C. 20006.

Tobacco Tax Council, *The Tax Burden on Tobacco-Historical Compilation*, Vol. 13, 1978, 167 pp. Available from the Tobacco Tax Council, Inc., P.O. Box 8269, Richmond, Va. 23226.

U.S. House of Representatives, 95th Cong. 2nd Sess., *Effect of Smoking on Nonsmokers*, Committee on Agriculture, Hearing before the Subcom-

mittee on Tobacco, Serial 95-000, Sept. 7, 1978, 345 pp.

, *Miscellaneous Measures to Discourage Cigarette Smuggling*, Committee on Ways and Means, Hearing before the Subcommittee on Miscellaneous Revenue Measures, March 21, 1978, Serial 95-80, 118 pp. Hearing covered several bills to discourage cigarette smuggling by increasing the cigarette tax and disbursing the revenue to States.

U.S. Senate, 95th Cong., 2nd Sess., *Cigarette Smoking and Health-Update 1978*, Committee on Interstate and Foreign Commerce, Hearings before the Subcommittee on Oversight and Investigations, October 5-6, 1978, Serial 95-172, 82 pp. Hearing summarized activities of Council for Tobacco Research, American Medical Association, and National Cancer Institute.

, *Disease Prevention and Health Promotion Act of 1978*, Committee on Human Resources, Subcommittee on Health and Scientific Research, May 25, June 7 and 9, 1978, 941 pp. Proposed legislation would provide centers for health promotion nutrition information and labeling requirements, smoking deterrence formula, and project grants to States for preventive health services and impose cigarette tax based on tar and nicotine content.

, *Smoking Deterrence Act of 1978*, Committee on Commerce, Science, and Transportation, Hearings before the Subcommittee for Consumers on S. 3118 Serial 95-135, October 23-24, 1978, 169 pp. Includes economic importance of tobacco.

U.S. Federal Trade Commission, "Report on Congress Pursuant to the Public Health Cigarette Smoking Act for the Year 1977," Jan. 17, 1979, 10 pp. + Appendix, 22 pp. Includes report on cigarette labeling and advertising, including statistics for 1976 and 1977.

U.S. Public Health Service (HEW), *Smoking and Health, A Report of the Surgeon General*, 1979, 1200 pp. Released on 15th anniversary of original report. Includes health consequences of smoking, behavioral aspects, education, and prevention.

STATISTICAL SUMMARY

Item	Unit or base period	1978		1978-79		Last data as percentage of a year earlier	
		Jan.	Feb.	Dec.	Jan.		Feb.
Average price at auctions							
Flue-cured	Ct. per lb.	CLOSED		CLOSED		---	
Burley	Ct. per lb.	121.1	121.7	131.2	129.2	126.0	104
Maryland	Ct. per lb.	CLOSED		CLOSED		---	
Virginia fire-cured	Ct. per lb.	124.0	87.5	97.0	91.5	73.5	84
Ky.-Tenn. fire-cured	Ct. per lb.	135.2	126.3	--	120.8	109.0	86
Ky.-Tenn. dark air-cured	Ct. per lb.	104.0	CLOSED	102.4	121.1	CLOSED	116
Virginia sun-cured	Ct. per lb.	100.0	CLOSED	92.5	81.5	CLOSED	82
Support price 1/							
Flue-cured	Ct. per lb.	121.0			**129.3		107
Burley	Ct. per lb.	124.7			**133.3		107
Maryland	Ct. per lb.	No Support			No Support		---
Virginia fire-cured	Ct. per lb.	84.5			** 90.3		107
Ky.-Tenn. fire-cured	Ct. per lb.	84.5			** 90.3		107
Ky.-Tenn. dark air-cured	Ct. per lb.	75.2			** 80.4		107
Virginia sun-cured	Ct. per lb.	75.2			** 80.4		107
Connecticut Valley cigar binder	Ct. per lb.	86.3			** 92.3		107
Wis. binder and Ohio filler	Ct. per lb.	62.3			** 66.6		107
Puerto Rican filler	Ct. per lb.	64.7			** 69.2		107
Parity index 2/	1910-14=100	711	717	770	796	808	113
Industrial production index 3/	1967=100	138.8	139.2	150.5	150.7	---	109
Employment	Mil.	91.1	91.2	95.9	94.4	---	104
Personal income 4/	Bil. dol.	1,615.5	1,625.0	1,807.6	1,815.4	---	112
		1977-78		1978-79			
		Dec.	Jan.	Nov.	Dec.	Jan.	
Taxable removals							
Cigarettes	Bil.	42.9	48.4	53.7	42.1		98
Cigars and cigarillos	Mil.	299.0	364.0	408.7	352.6		118
Accumulated from Jan. 1							
Cigarettes	Bil.	592.0	---	572.1	614.2		104
Cigars and cigarillos	Mil.	3,747.7	---	4,345.7	4,698.3		125
Invoiced to domestic customers							
Accumulated from Jan. 1							
Smoking tobacco	Mil. lb.	40.2			35.2		88
Chewing tobacco	Mil. lb.	88.7			92.3		104
Snuff	Mil. lb.	24.4			24.3		100
Tax-exempt removals							
Cigarettes	Bil.	6.7	5.4	7.5	5.5		82
Exports	Bil.	7.3		6.8	6.2		85
Cigars and cigarillos	Mil.	18.2	12.9	13.9	16.9		93
Accumulated from Jan. 1							
Cigarettes	Bil.	78.1	---	79.6	85.1		109
Exports	Bil.	66.7	---	68.2	74.4		112
Cigars and cigarillos	Mil.	130.3	---	149.3	166.2		128
Invoiced for export							
Accumulated from Jan. 1							
Smoking tobacco	Mil. lb.	.7			.8		114
Chewing tobacco	Mil. lb.	.2			.2		100
Wholesale price indexes 5/							
Cigarettes (reg. nonfilter)	1967=100	199.4	199.4	213.7	213.7	224.4	113
Cigars	1967=100	133.6	138.4	139.4	139.4	140.5	102
Smoking tobacco	1967=100	202.1	202.1	213.5	213.5	220.6	109
Plug chewing tobacco	1967=100	206.2	206.2	230.1	230.1	246.9	120
Snuff	1967=100	217.9	139.1	248.2	253.4	258.5	186
Consumer price indexes (urban)							
Tobacco Products	1967=100	173.0	173.3	180.9	180.9	183.0	106
Cigarettes	1967=100	---	175.8	183.5	183.9	185.8	106
Other Tobacco Products 6/	Dec. 1977=100	100.0	100.7	105.8	105.9	107.3	107
Imports of tobacco							
Cigarette leaf	Mil. lb.	10.3		12.4	12.1	---	117
Cigar tobacco 7/	Mil. lb.	4.1		5.5	4.2	---	102
Accumulated from Jan. 1							
Cigarette leaf	Mil. lb.	138.6	---	180.7	192.8	---	139
Cigar tobacco 7/	Mil. lb.	83.2	---	57.8	62.0	---	75

See footnotes at end of table.

STATISTICAL SUMMARY--CONTINUED

Item	Unit or base period	1977-78		1978-79		Last data as percentage of a year earlier	
		Dec.	Jan.	Nov.	Dec.		Jan.
Exports of leaf tobacco							
(farm-sales weight)							
Flue-cured	Mil. lb.	107.0	52.6	96.8	96.4	36.2	69
Burley	Mil. lb.	3.0	2.8	6.6	1.7	1.3	46
Maryland	Mil. lb.	.3	.6	2.3	1.0	.8	133
Virginia fire- & sun-cured	Mil. lb.	.2	.3	*	.1	0	---
Ky.-Tenn. fire-cured	Mil. lb.	2.2	.3	6.1	1.9	.1	39
Ky.-Tenn. dark air-cured	Mil. lb.	.6	.1	.5	.1	.3	192
Cigar wrapper	Mil. lb.	.6	.3	.6	.3	.7	251
Connecticut binder	Mil. lb.	*	0	*	0	0	---
Wisconsin binder	Mil. lb.	.1	0	0	0	0	---
Accumulated from beginning of marketing year 8/							
Flue-cured	Mil. lb.	305.9	358.5	294.5	390.9	427.1	119
Burley	Mil. lb.	4.9	7.6	13.4	15.1	16.4	216
Maryland	Mil. lb.	.4	1.0	4.0	5.0	5.7	584
Virginia fire- & sun-cured	Mil. lb.	.4	.7	.8	.9	.9	129
Ky.-Tenn. fire-cured	Mil. lb.	3.8	4.1	9.5	11.4	11.5	381
Ky.-Tenn. dark air-cured	Mil. lb.	.7	.8	.8	.9	1.2	149
Cigar wrapper	Mil. lb.	2.7	3.0	1.8	2.1	2.8	93
Connecticut binder	Mil. lb.	.1	.1	*	*	*	---
Wisconsin binder	Mil. lb.	.1	.1	0	*	*	---
Cigar filler	Mil. lb.	.1	.1	*	*	*	---
Exports of manufactured tobacco in bulk and not elsewhere classified 9/	Mil. lb.	.2	.1	.2	.7	.7	843
Accumulated from Jan. 1	Mil. lb.	9.8		3.5	4.2		---
Quarterly data							
		1977-78		1978-79			
		Oct.-Dec.	Jan.-Mar.	Oct.-Dec.	Jan.-Mar.		
Stocks of tobacco--1st of quarter 10/							
Domestic types							
(farm-sales weight)							
Flue-cured	Mil. lb.	2,550	2,574	2,457	11/		---
Burley	Mil. lb.	1,214	1,558	1,209	11/		---
Maryland	Mil. lb.	49	45	50	42		93
Fire-cured	Mil. lb.	48	42	60	47		112
Dark air- and sun-cured	Mil. lb.	28	31	32	33		106
Cigar filler	Mil. lb.	62	56	68	63		113
Cigar binder	Mil. lb.	44	44	50	58		132
Cigar wrapper	Mil. lb.	14	12	10	12		100
Under Government loan 12/	Mil. lb.	601	763	671	714		94
Tobacco sheet (leaf weight)							
Cigarette types	Mil. lb.	24.6	31.3	28.5	11/		---
Cigar types	Mil. lb.	1.3	2.8	1.2	2.8		100
Foreign types (unst. equiv.)							
Cigarette and smoking	Mil. lb.	602	601	601	11/		
Cigar	Mil. lb.	102	100	92	132		132
Tobacco Outlets 13/							
Seasonally adjusted data, annual rates, for charts, p. 2							
Cigarettes							
Production	Bill.	664.9	673.7	698.0	702.0		104
Tax-paid removals	Bill.	606.4	603.5	611.5	610.0		101
Large cigar production	Bill.	4.98	4.89	4.51	4.79		98
Smoking production	Mil. lb.	38.7	37.4	36.5	33.5		90
Chewing production							
Scrap	Mil. lb.	59.0	65.6	62.4	69.0		105
Plug and other	Mil. lb.	29.7	28.9	32.1	29.8		103
Snuff production	Mil. lb.	23.2	25.9	24.7	26.0		100
Exports of leaf							
Total	Mil. lb.	569.6	870.0	951.7	850.0		97
Flue-cured	Mil. lb.	495.3	635.1	817.8	600.0		94

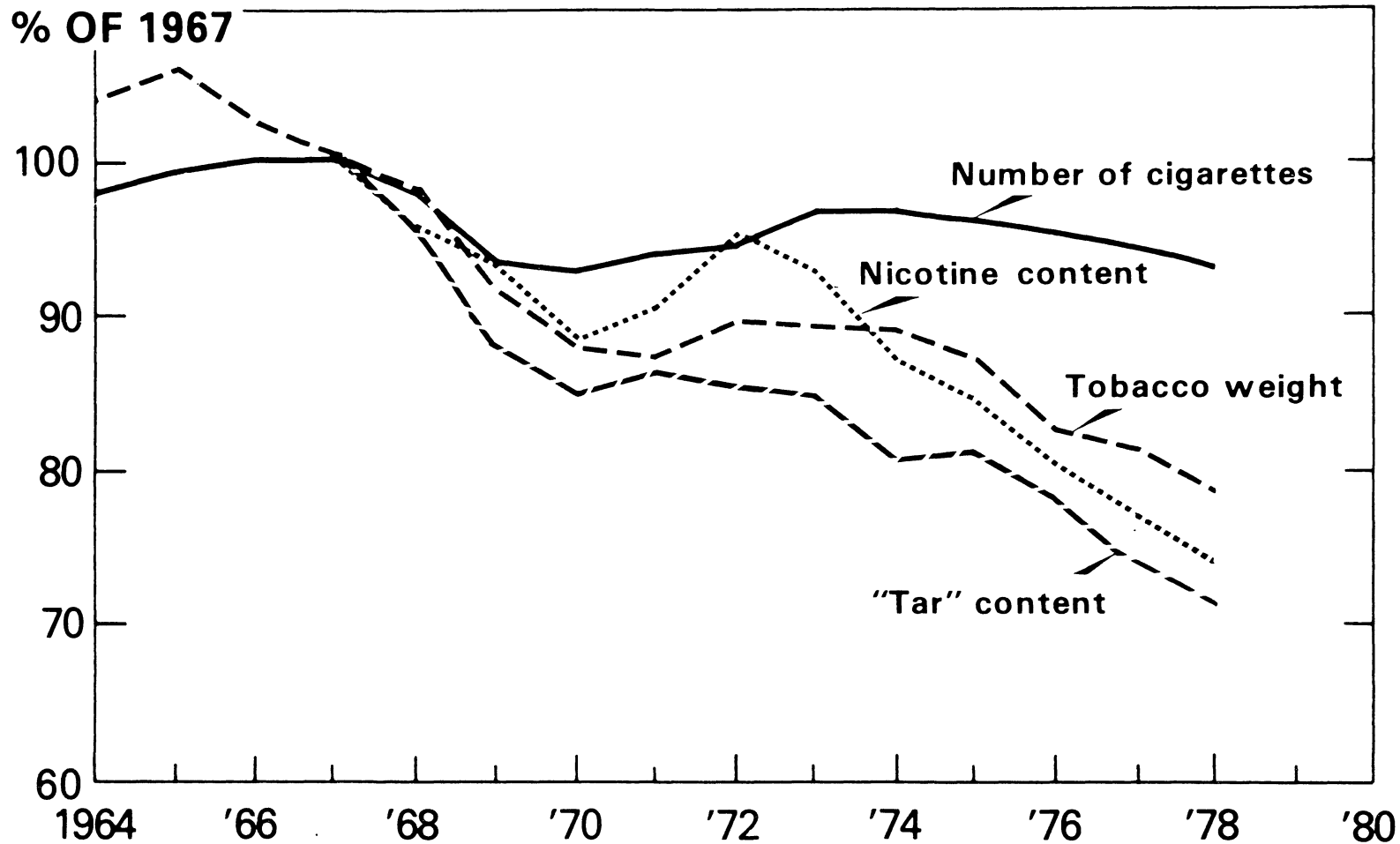
1/ 1978 and 1979 crops, respectively. 2/ Prices paid by farmers including interest, taxes and wage rates. 3/ Seasonally adjusted. 4/ Seasonally adjusted, annual rate. 5/ Federal and applicable state and local taxes included. 6/ Includes tobacco accessories. 7/ Farm-sales weight equivalent. 8/ July 1 for flue-cured and cigar wrapper and October 1 for others. 9/ Smoking tobacco in bulk through December 1977. Beginning January 1978 blended strips no longer included. 10/ Holdings of manufacturers and dealers including grower cooperatives. 11/ Figures under revision. Earlier quarters to be revised also. 12/ Reported by grower cooperatives. 13/ Latest quarter is estimated. \*Less than 50,000 pounds. \*\*Estimated. Detail may not add due to rounding.



## LIST OF TABLES

Table	Title	Page
1	Cigarettes: Output, removals, and consumption, 1970-78 .....	4
2	Tobacco products: Consumption per capita, 1969-78 .....	5
3	Cigarette output of filter-tip and nonfilter-tip, by length, 1976-78 .....	6
4	U.S. cigarette exports to leading destinations, 1976-78 .....	6
5	Cigarette wholesale prices, 1968-79 .....	7
6	Tobacco demand factors, 1969-78 .....	7
7	Cigars and smoking tobacco: Output, removals, and consumption, 1970-78 ...	8
8	Large cigars: Taxable removals by revenue class, 1976-78 .....	8
9	Tobacco products: Output and domestic sales, 1976-78 .....	9
10	Roll-your-own cigarettes and smoking tobacco consumed, 1974-78 .....	9
11	U.S. tobacco exports and imports, unmanufactured and manufactured, 1968-78.	10
12	U.S. tobacco exports by types and countries, 1972-78 .....	11
13	Tobacco exports: Government-financed and commercial sales, 1970-78 .....	12
14	U.S. imports of unmanufactured tobacco for consumption and general, 1976-78	13
15	Imported foreign grown cigar leaf stocks, 1971-79 .....	14
16	Flue-cured and burley: Marketing quota and marketings, 1965-79 .....	16
17	Flue-cured tobacco: Redesignation summary, 1976-78 .....	17
18	Computation of price support level adjustment factor for tobacco, 1960-79 .	17
19	U.S.D.A. price support loan and program operations, and other expenditures 1976-78 .....	17
20	Flue-cured tobacco: Lugs, primings and nondescript share, 1973-78 .....	18
21	Flue-cured tobacco: Effective farm quotas, initial and final designation, and marketings, 1977-79 .....	18
22	Flue-cured tobacco: Acreage allotted and underproduction, 1970-79 .....	19
23	Tobacco loan stocks, 1976-78 .....	19
24	Unmanufactured tobacco exports, by types, to principal destinations, crop years, 1977/78-1978/79 .....	21
25	Flue-cured and burley tobacco: U.S. supplies, disappearance, and prices, 1969-79 .....	22
26	Burley tobacco: Price spreads among specified grades, 1960-78 .....	23
27	Burley tobacco: Gross auction sales, average price and loan receipts, by States, 1977-78 .....	24
28	Maryland tobacco: U.S. supplies, disappearance, and prices, 1968-78 .....	24
29	Fire-cured tobacco: U.S. supplies, disappearance, and prices, 1968-78 .....	26
30	Dark air-cured tobacco: U.S. supplies, disappearance, and prices, 1968-78..	27
31	Foreign-grown cigar leaf tobacco: U.S. imports and stocks, 1976-79 .....	28
32	Cigar tobacco: Supplies, disappearance, and prices, 1969-78.....	29
33	United States and world production and exports of flue-cured, burley 1976-77 and total tobacco, 1955-78 .....	32
34	Flue-cured, burley and Oriental tobacco production, specified countries, 1970-78 .....	33
35	Tobacco product, exports, and imports, selected countries, 1976-78 .....	34
38	Cash receipts from farm marketings and tobacco, 1969-78 .....	35
39	Expenditures for tobacco products, 1969-78 .....	35
40	Governmental revenues from tobacco products, 1969-78 .....	35
41	Marketing quota referendums, and kinds of tobacco .....	36

# INDEXES OF CIGARETTE CONSUMPTION



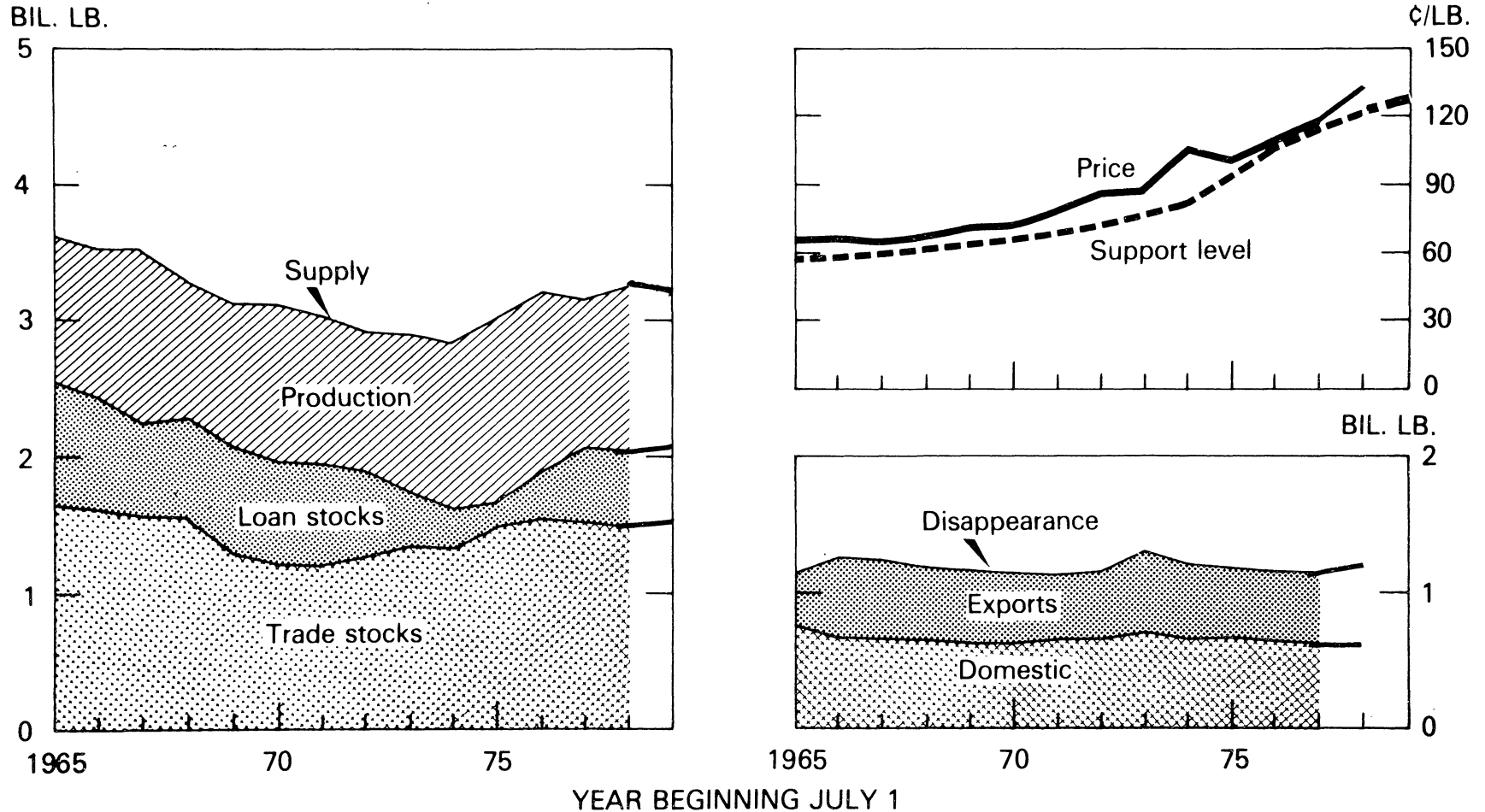
PER CAPITA CONSUMPTION, 18 YEARS AND OLDER. LATEST YEAR PRELIMINARY.

Per capita cigarette consumption, various measures, 1967-78

Year	Number	Tobacco	"Tar"	Nicotine	Number	Tobacco	"Tar"	Nicotine
:	:	weight	content 1/	content 1/	:	weight	content 1/	content 1/
:	No.	Lb.	-----Milligrams-----		-----Index, 1967=100-----			
1964	4,194	9.21	(2)	(2)	98.0	104.0	(2)	(2)
1965	4,258	9.37	(2)	(2)	99.3	105.8	(2)	(2)
1966	4,287	9.08	(2)	(2)	100.2	102.5	(2)	(2)
1967	4,280	8.86	94,160	5,900	100.0	100.0	100.0	100.0
1968	4,186	8.69	90,208	5,647	97.8	98.1	95.8	95.7
1969	3,993	8.11	82,735	5,506	93.3	91.5	87.9	93.3
1970	3,985	7.77	79,859	5,224	93.1	87.7	84.8	88.5
1971	4,037	7.75	81,386	5,345	94.3	87.5	86.4	90.6
1972	4,043	7.95	80,577	5,616	94.5	89.7	85.6	95.2
1973	4,148	7.92	79,932	5,488	96.9	89.4	84.9	93.0
1974	4,141	7.90	76,277	5,147	96.8	89.2	81.0	87.2
1975	4,122	7.73	76,628	5,000	96.3	87.2	81.4	84.7
1976	4,091	7.35	73,924	4,750	95.6	83.0	78.5	80.5
1977	4,043	7.20	69,135	4,565	94.5	81.3	73.4	77.3
1978 <u>3/</u>	3,970	7.00	67,500	4,367	92.8	79.0	71.7	74.0

1/ Preliminary. 2/ Not available. 3/ Subject to revision.

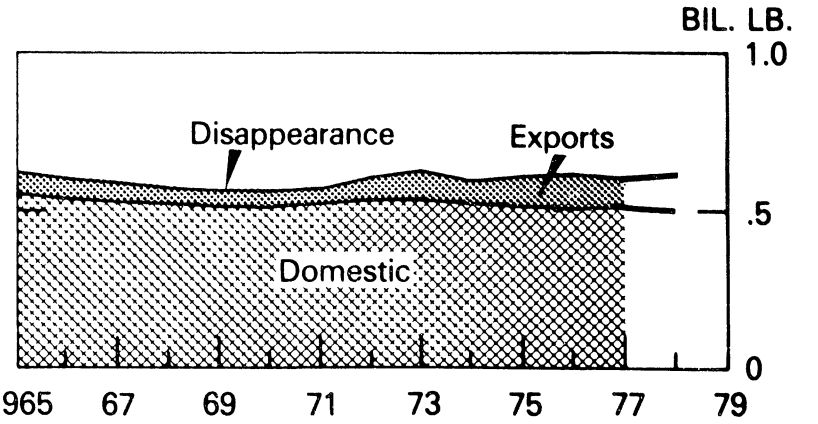
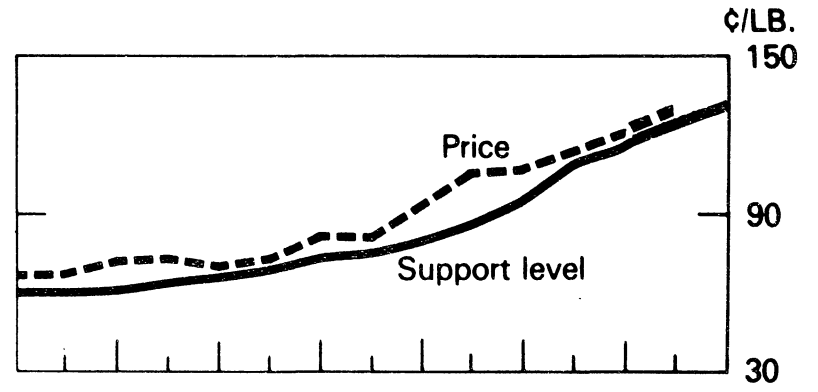
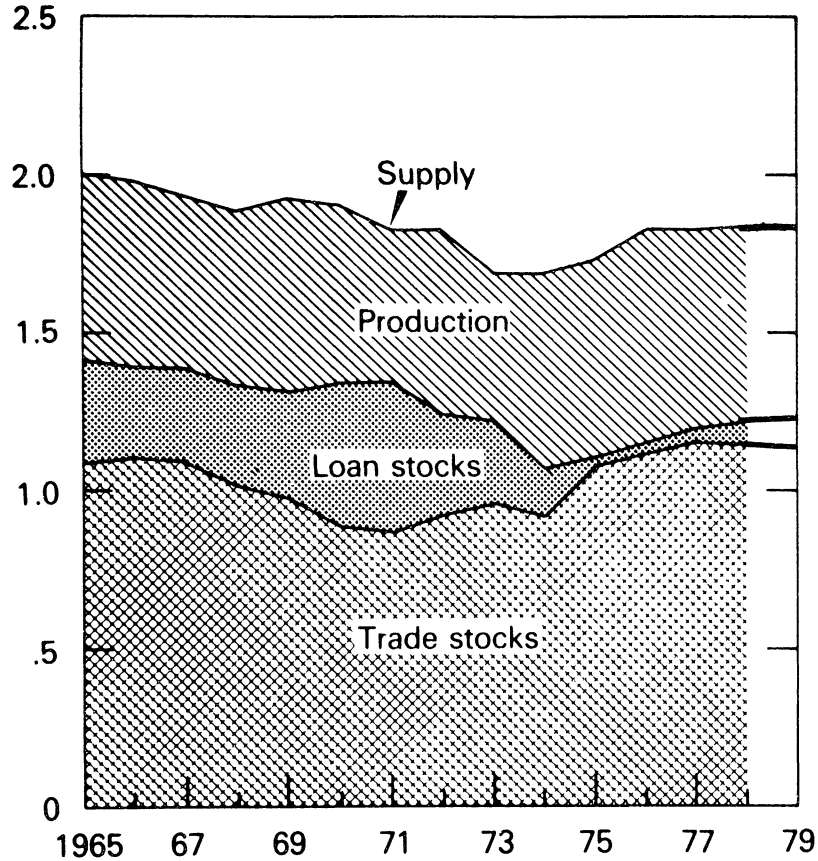
# FLUE-CURED TOBACCO: SUPPLY, PRICE, USE



Trade stocks include manufacturers' and dealers'. Latest year forecast.

# BURLEY TOBACCO: SUPPLY, PRICE, USE

BIL. LB.



YEAR BEGINNING OCTOBER 1.

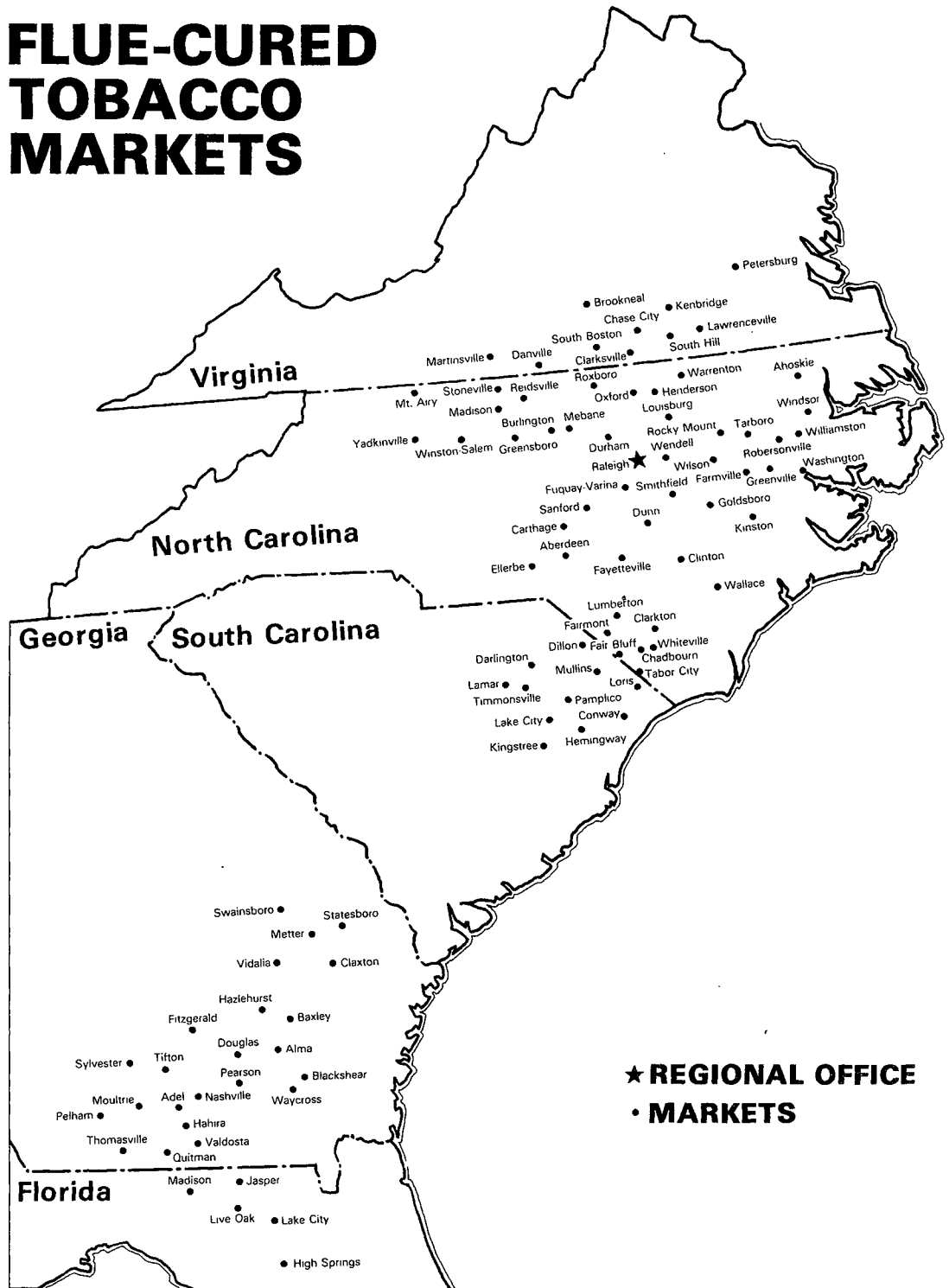
Trade stocks include manufacturers' and dealers'. Latest year forecast.

USDA

NEG. ESCS 382-C-78 (10)

TS-167 MARCH 1979 45

# FLUE-CURED TOBACCO MARKETS



★ REGIONAL OFFICE  
• MARKETS

INDEX TO 1978 QUARTERLY ISSUES

<u>Title</u>	<u>SPECIAL ARTICLES</u>	<u>Issues</u>
Cost of Producing Burley Tobacco, 1976.....		March
Flue-Cured Tobacco Production Costs: A Preview of 1978.....		June
TABLES		
TOBACCO PRODUCTS		
Cigarettes: Output, removals, consumption.....		Each issue
Estimated number of roll-your-own smoked.....		March
Production of filter and nonfilter.....		March
Tobacco used in cigarettes.....		September
Wholesale cigarette price revisions 1966 to date.....		March, September
Cigars: Output, removals, consumption.....		Each issue
Removals by revenue class groups.....		March, September, December
Smoking Tobacco: Output, removals, consumption.....		Each issue
Other Products (Chewing Tobacco, Snuff, Small cigars): Output.....		Each issue
Consumer expenditures.....		March, September
Demand Factors; per capita consumption.....		March, September
Government revenues (taxes).....		March, September
Manufacturing corporations, sales, income.....		June
U.S. EXPORTS AND IMPORTS		
Exports, Cigarettes: By leading destinations.....		Each issue
Exports, Unmanufactured leaf: By principal types and importing countries and origins.....		Each issue
Government program and commercial.....		March, September
Bulk smoking tobacco by leading destinations.....		March, September
Flue-cured: Percentage stemmed form.....		September
Imports, Unmanufactured Leaf: By principal types and origins.....		Each issue
Cigarette Tobacco: Foreign grown leaf stocks, by quarters.....		June, September, December
Cigar Tobacco: U.S. imports and stocks by principal origins.....		Each issue
TOBACCO LEAF SITUATION AND OUTLOOK		
Acreage, yield per acre, production, beginning stocks, supply disappearance, average price, and price support operations		
Total tobacco, United States and Puerto Rico.....		March, December
Types of tobacco		
Flue-cured and burley.....		Each issue
Maryland.....		Each issue
Fire-cured, dark air-cured.....		Each issue
Cigar.....		Each issue
Stocks and stocks-utilization ratios.....		September
Allotments and price support program		
Acreage allotted and underproduction (flue-cured).....		March
Beginning stocks: Trade and under loan.....		Each issue
Cigar leaf price support operations.....		September
Computations for price support level adjustment factor.....		March
Lease and transfer of allotments.....		September
Loan receipts by belt (flue-cured).....		December
Loan stocks.....		Each issue
Marketing quota referendums.....		Each issue
Number and average size of allotments.....		September
Quotas, marketings and carryover: Flue-cured and burley.....		Each issue
USDA price support loan, program operations, and other expenditures, 1976-77.....		June
Harvest, sale, and cash receipts		
Burley price spreads by grades.....		March
Burley sales and average price by states.....		March
Flue-cured and Burley: percentage of selected groups, quality, and color.....		December
Flue-cured sales, prices and loan placements by belts.....		September, December
Flue-cured: Redesignation summary 1977 season.....		March
Marketings by belt and interbelt and interstate.....		June, December
Cash farm receipts: Tobacco and total.....		March
Cash farm receipts: Tobacco and total by states.....		June, September
FOREIGN TOBACCO PRODUCTION AND TRADE		
World cigarette production and exports, specified countries 1968-72, 1974-77.....		September
EC Tobacco imports by major suppliers.....		June, September, December
Flue-cured, burley, and Oriental tobacco production, specified countries 1970-74, 1976-77.....		March, December
Japan Tobacco imports by major suppliers.....		Each issue
United Kingdom: Imports, stocks, and exports.....		Each issue
West Germany: Production, imports, stocks-utilization.....		Each issue
United States and world production and exports of flue-cured, burley and total tobacco.....		March, September
World tobacco imports and exports by specified countries and U.S. share.....		March, June
World tobacco production, and U.S. share.....		June
World tobacco production, specified countries.....		December
STATISTICAL SUMMARY.....		Each issue

UNITED STATES DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C. 20250

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF  
AGRICULTURE  
AGR 101  
**FIRST CLASS**



OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

To stop mailing  or to change your  
address  send this sheet with label  
intact, showing new address, to Informa-  
tion, Staff, ESCS, U.S. Dept. of Agricul-  
ture, Rm. 0054 South Building, 14th &  
Independence Ave. S.W., Wash., D.C.  
20250.

8366 ARMLAD A122 18016 0001  
ALBERT R MANN LIBRARY ACQUIS-  
ITIONS DIV L  
ITHACA NY 14853

TS-167

MARCH 1979