

COTTON QUALITY - UNITED STATES
1987 CROP

Upland cotton ginned in the United States from the 1987 crop contained the largest proportion of white grades 31 and higher of any crop since 1963, according to the Cotton Division, Agricultural Marketing Service, USDA. These grades represented about 27 percent of ginnings. Light Spotted and Spotted grades made up a much smaller proportion than the previous season. The average staple length was 34.6 thirty-seconds inches, the same as last year, and was the second longest on record. Cotton in the mike 35-49 range accounted for 80 percent of ginnings, up from 75 percent the previous year. Average mike was 41, the lowest since 1984. Average fiber strength in grams per tex was 27.1, the strongest since records were established in 1980. The 1987 American Pima crop was the largest on record.

Grade. White grades 31 and higher made up 27 percent of upland ginnings from the 1987 crop. This was the largest proportion in these grades since 1963 and compares with 24 percent last season and 19 percent in 1985. Grade 41 was the predominant grade and made up 30 percent of ginnings and compares with 18 percent in 1986 and 25 percent in 1985. Grade 31 was the predominant grade in 1986, accounting for 22 percent of the crop. Grades 41 and higher, at 59 percent, comprised the largest percentage of any crop since 1973 and was up from 43 percent last year and 47 percent two years ago. All white grades made up 70 percent of the 1987 crop, the largest proportion since 1977, and compares with 47 percent the previous year and 55 percent in 1985. Light Spotted grades made up 25 percent of ginnings, down from 42 percent a year earlier and 43 percent two years ago. Spotted grades made up 3 percent this season, compared with 8 percent and 2 percent in 1986 and 1985, respectively. Below Grade, Tinged and other colored grades made up 2 percent in 1987, 3 percent in 1986 and about 1 percent in 1985.

Staple. The average staple length of upland cotton ginned from the 1987 crop was 34.6 thirty-seconds inches, the same as the previous year, and was the second longest average since records were established in 1940. Average staple was 34.5 two years ago. Staple 35 has been the predominant length for the past three years, accounting for 36 percent of the 1987 crop, 35 percent in 1986 and 33 percent in 1985. Staples 31 and shorter made up 3 percent of ginnings, the same as last year, and was down from 9 percent in 1985. Staples 32 and 33 accounted for 16 percent of the 1987 crop and compares with 17 percent a year earlier and 14 percent two years ago. Staples 34 and 35 made up 55 percent of ginnings which corresponds to the same proportion as the 1986 crop and was the largest percentage in these staple lengths since the crop of 1975. Staples 36 and longer accounted for 27 percent of the 1987 crop against 25 percent last year and 32 percent two years ago.

Mike. The average mike of upland cotton ginned from the 1987 crop was 41, the lowest average since 1984. Average mike for the two previous years was 42. Cotton with mike 34 and lower, at 17 percent, made up the largest percentage in this range since the crop of 1984, and compares with 16 percent in 1986 and 10 percent in 1985. Cotton in the mike 35-49 range accounted for 80 percent of ginnings, up from 75 percent last year and down from 85 percent two years ago. Cotton with mike 50 and higher accounted for 4 percent of ginnings. This equals the lowest record established in 1984 and was down from 9 percent a year earlier and 5 percent two years ago.

Strength. The average fiber strength of upland cotton ginned from the 1987 crop was 27.1 grams per tex. This was the strongest average since records were established in 1980 and compares with 25.9 a year earlier and 25.4 two years ago. Strengths in the 19 and lower range accounted for less than 1 percent of ginnings for both 1987 and 1986 crops and about 1 percent in 1985. Cotton with strengths of 20 to 23 represented about 8 percent of ginnings, down from 16 percent last year and 25 percent two years ago. About 51 percent of ginnings had strengths in the 24 to 27 range and compares with 55 percent in 1986 and 49 percent in 1985. Strengths in the 28 and higher range, at 41 percent, made up the largest percentage in this range on record, compared with 29 percent in 1986 and 25 percent in 1985.

American Pima cotton ginned from the 1987 crop averaged 3.5 against 3.4 a year earlier. Grades 1 and higher made up 58 percent of ginnings. Grade 3 was the predominant grade, comprising 48 percent. The average staple length was 45.6 thirty-seconds inches and compares with 45.2 in 1986. Staple 46 was the predominant length and made up 80 percent of ginnings. The average mike was 40 the same as last year.

Ginnings of 1987-crop cotton in the United States totaled 14,358,531 running bales, according to the Bureau of the Census. This total includes 14,083,390 bales of upland and 275,141 bales of American Pima cotton. The number of active gins for the crop of 1987 was 1,653 compared with 1,661 for 1986 and 1,774 for 1985.

Table 1. -- Grade and staple of upland cotton ginned in the United States, 1967 crop

Grade	Staple															All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	Bales		Pct.
White:	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	
11	-	-	2	2	17	115	168	389	1,842	2,702	358	10	1	-	-	5,806	*
21	13	42	264	1,236	5,803	17,485	40,294	51,280	189,353	260,185	23,656	2,778	129	6	582,526	4.2	
30	-	-	4	25	98	208	332	425	984	2,514	395	197	6	-	5,187	*	
31	106	651	3,072	11,602	44,934	119,044	277,988	528,968	1,064,322	1,078,497	100,600	19,161	2,047	122	3,251,115	23.1	
40	9	96	430	1,439	4,885	10,906	19,524	39,421	85,696	63,872	7,182	980	100	15	234,557	1.7	
41	111	918	3,546	13,763	52,862	135,114	294,734	797,304	1,925,355	905,043	105,818	11,752	1,860	271	4,248,451	30.2	
50	3	28	119	550	2,079	4,968	10,861	37,467	150,132	59,853	7,317	389	53	11	273,832	1.9	
51	33	176	714	3,222	14,509	43,253	99,709	179,256	441,703	327,808	32,057	2,115	249	33	1,144,836	8.1	
60	1	-	1	3	16	58	208	619	2,080	2,679	283	-	-	-	5,947	*	
61	2	11	69	271	1,821	6,444	16,667	22,871	34,184	23,067	2,335	118	14	3	107,878	0.8	
70	-	-	-	-	1	-	-	2	14	24	8	-	-	-	49	*	
71	-	-	3	16	126	572	1,363	2,659	3,721	1,453	107	5	-	-	10,026	0.1	
Total	279	1,924	8,224	32,129	127,152	338,167	761,850	1,660,675	3,899,396	2,727,681	280,106	37,507	4,460	462	9,880,011	70.2	
Light Spotted:	-	-	-	2	1	13	15	9	22	70	2	-	-	-	135	*	
12	-	-	-	2	1	13	15	9	22	70	2	-	-	-	135	*	
22	6	52	155	733	2,978	7,357	14,113	11,068	10,500	5,997	1,345	207	27	4	54,543	0.4	
32	94	717	3,436	13,760	52,763	128,212	262,808	294,794	260,402	125,224	28,084	5,913	1,064	84	1,177,355	8.4	
42	82	609	2,628	10,699	45,073	117,311	249,144	391,696	561,793	228,968	41,979	5,551	1,188	186	1,656,906	11.8	
52	34	164	684	3,013	14,023	38,807	92,584	139,385	182,813	88,306	16,905	1,912	421	73	579,124	4.1	
62	4	12	90	361	1,599	5,260	14,728	28,002	30,665	10,447	1,826	155	25	2	93,176	0.7	
Total	220	1,556	6,993	28,568	116,437	296,960	633,392	864,953	1,046,195	459,011	90,141	13,737	2,724	349	3,561,239	25.3	
Spotted:	-	-	-	1	-	2	9	18	23	23	3	1	-	-	80	*	
13	-	-	-	1	-	2	9	18	23	23	3	1	-	-	80	*	
23	-	2	102	384	1,103	1,884	2,923	2,027	2,148	1,770	239	10	-	-	12,591	0.1	
33	9	97	670	3,149	10,181	18,113	28,871	24,397	19,538	11,747	1,760	194	13	2	118,741	0.8	
43	16	85	458	2,015	8,825	18,813	34,231	34,457	33,999	16,282	2,933	296	39	11	152,461	1.1	
53	5	46	161	732	3,410	8,913	18,978	22,128	22,468	8,988	1,938	170	47	13	87,999	0.6	
63	3	9	30	101	520	1,506	4,332	6,506	7,009	2,290	362	28	3	2	22,700	0.2	
Total	34	239	1,421	6,382	24,039	49,231	89,344	89,533	85,184	41,099	7,236	699	103	29	394,572	2.8	
Tinged:	-	1	2	11	46	61	34	26	20	18	1	1	-	-	221	*	
24	-	1	2	11	46	61	34	26	20	18	1	1	-	-	221	*	
34	11	40	271	900	2,191	2,822	2,552	1,487	1,420	682	58	5	1	-	12,441	0.1	
44	10	61	391	1,219	3,276	4,311	4,604	3,178	2,807	1,156	166	10	2	-	21,191	0.2	
54	-	13	171	488	1,456	2,427	4,160	4,139	3,597	1,175	189	17	9	1	17,843	0.1	
Total	22	115	834	2,619	6,970	9,621	11,350	8,829	7,843	3,032	414	34	12	1	51,696	0.4	
Stained:	-	-	-	2	1	3	-	1	2	-	-	-	-	-	9	*	
25	-	-	-	2	1	3	-	1	2	-	-	-	-	-	9	*	
35	-	7	105	288	385	188	84	47	43	21	-	3	2	1	1,175	*	
Total	-	7	105	290	386	191	84	48	45	21	-	3	2	1	1,184	*	
Light Gray:	-	-	-	-	-	-	-	4	6	2	2	-	-	-	14	*	
16	-	-	-	-	-	-	-	4	6	2	2	-	-	-	14	*	
26	4	-	-	1	40	176	683	1,654	8,758	9,535	917	9	1	-	21,778	0.2	
36	-	-	1	9	33	65	261	3,285	46,945	48,457	1,278	5	-	12	100,352	0.7	
46	1	-	-	-	3	38	96	566	8,278	9,584	218	-	-	-	18,784	0.1	
Total	5	-	1	10	76	279	1,040	5,508	63,988	67,578	2,415	14	1	12	140,928	1.0	
Gray:	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2	*	
17	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2	*	
27	1	-	-	-	-	3	8	135	1,116	628	39	-	-	-	1,930	*	
37	-	-	-	-	-	4	24	192	3,896	4,134	135	-	-	1	8,386	0.1	
47	-	-	-	-	3	7	15	234	1,194	1,041	45	-	-	-	2,540	*	
Total	1	-	-	-	3	14	47	563	6,206	5,803	219	-	-	1	12,859	0.1	
Below Grade 1/	11	37	326	1,006	1,956	3,337	7,919	13,006	10,392	2,483	386	29	12	1	40,901	0.3	
All grades	571	3,879	17,905	71,004	277,019	697,800	1,505,027	2,643,115	5,119,249	3,306,708	380,918	52,023	7,315	857	14,083,390	2/ 100.0	
Pct. all grades	*	*	0.1	0.5	2.0	5.0	10.7	18.8	36.3	23.5	2.7	0.4	*	*	100.0		

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Average staple..... 34.6

Percent tenderable..... 61.0

Percent Average Rule Used (ARU)..... 2.2

Percent grade reductions..... 9.3

NOTE: Totals may not add due to rounding.

Table 2. -- Grade and staple of upland cotton ginned in the United States, 1966 crop

Grade	Staple															All staples	Pct.	
	: 26 and : : shorter :	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :				
White:	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Pct.
11	-	-	-	-	2	4	20	31	189	377	5	-	-	-	-	-	529	*
21	1	-	-	18	80	474	2,817	6,281	67,843	82,858	1,829	78	-	-	-	-	162,260	1.8
30	-	-	-	1	-	4	5	30	555	1,996	180	4	-	-	-	-	2,776	*
31	2	2	9	136	1,927	13,311	64,991	157,836	848,752	934,042	21,640	3,584	233	14	2,046,478	22.2	22.2	
40	-	-	1	14	300	1,192	5,494	15,311	35,448	58,011	1,962	368	42	1	118,144	1.3	1.3	
41	5	2	20	221	3,293	18,787	119,613	407,866	654,028	377,814	32,938	7,896	960	52	1,623,494	17.6	17.6	
50	-	2	3	23	175	637	4,424	19,805	34,723	15,835	2,544	807	51	4	79,035	0.9	0.9	
51	-	14	19	176	1,506	6,179	27,166	71,687	112,916	61,301	10,521	2,121	248	15	293,868	3.2	3.2	
60	-	-	-	6	7	44	114	272	424	329	70	6	-	-	1,272	*	*	
61	-	1	9	95	510	1,550	4,304	7,273	7,771	3,291	1,235	431	102	7	26,580	0.3	0.3	
70	-	-	-	-	-	-	4	11	12	2	-	-	-	-	29	*	*	
71	-	-	6	78	311	491	630	1,029	687	191	57	15	2	-	3,697	*	*	
Total	8	21	67	768	8,091	42,673	229,782	687,432	1,763,348	1,536,047	72,981	15,310	1,638	93	4,358,262	47.3		
Light Spotted:																		
12	-	-	-	-	-	-	-	-	3	1	1	-	-	-	-	5	*	*
22	-	1	1	12	63	100	268	744	1,602	725	60	10	1	-	3,787	*	*	
32	3	24	244	965	4,042	14,526	47,469	105,772	213,974	102,575	8,656	2,543	188	8	500,991	5.4	5.4	
42	8	147	1,097	5,385	25,322	67,834	198,931	504,223	755,051	344,349	39,198	5,264	500	34	1,947,344	21.1	21.1	
52	10	239	1,817	9,439	43,566	103,459	193,577	250,482	270,937	124,289	21,895	2,915	267	8	1,022,958	11.1	11.1	
62	7	85	1,311	6,813	26,438	57,309	105,610	100,741	58,940	18,269	4,892	856	119	8	381,400	4.1	4.1	
Total	28	496	4,470	22,614	99,431	243,228	545,855	961,962	1,300,767	590,208	74,702	11,588	1,075	58	3,856,485	41.7		
Spotted:																		
13	-	-	-	-	2	-	4	6	10	3	-	-	-	-	25	*	*	
23	-	-	4	16	57	63	83	148	135	54	21	12	-	-	595	*	*	
33	4	32	115	625	2,050	3,023	3,543	3,028	2,805	942	230	60	1	-	16,458	0.2	0.2	
43	7	190	875	3,785	13,163	20,992	27,421	27,225	23,652	7,523	1,499	239	6	2	126,579	1.4	1.4	
53	17	238	1,973	9,444	38,449	72,829	99,372	67,604	35,661	10,232	2,227	219	7	1	338,271	3.7	3.7	
63	7	130	1,132	6,006	24,455	52,480	79,298	58,068	27,634	7,262	1,967	201	15	1	258,657	2.8	2.8	
Total	35	590	4,099	19,876	78,176	149,387	209,721	156,079	89,897	26,016	5,944	731	29	4	740,585	8.1		
Tinged:																		
24	-	-	-	2	-	1	8	8	5	2	-	-	-	-	26	*	*	
34	-	5	55	237	773	784	704	319	167	21	11	5	-	2	3,083	*	*	
44	15	78	479	1,996	4,830	4,845	3,890	1,663	999	290	101	14	-	3	19,204	0.2	0.2	
54	23	311	1,861	6,773	18,161	22,676	24,356	13,118	5,532	1,308	306	63	8	2	94,498	1.0	1.0	
Total	38	394	2,395	9,008	23,764	28,306	28,958	15,108	6,703	1,621	418	82	8	7	116,811	1.2		
Stained:																		
25	-	-	-	-	-	1	-	2	4	1	-	-	-	-	8	*	*	
35	-	11	39	87	170	117	59	15	14	9	-	-	-	2	524	*	*	
Total	-	11	39	87	170	118	59	17	18	10	-	-	-	2	532	*	*	
Light Gray:																		
16	-	-	-	-	-	-	-	-	7	-	-	-	-	-	7	*	*	
26	-	-	-	-	7	22	145	1,879	3,697	622	25	-	1	-	6,398	0.1	0.1	
36	-	-	-	-	12	22	176	2,414	3,285	477	14	-	-	1	6,402	0.1	0.1	
46	-	-	-	1	3	26	101	525	569	56	2	-	-	-	1,284	*	*	
Total	-	-	-	1	22	70	422	4,818	7,558	1,155	41	-	1	1	14,091	0.2		
Gray:																		
17	-	-	-	-	-	-	-	2	2	4	1	-	-	-	9	*	*	
27	-	-	-	-	-	-	-	1	29	25	1	-	-	-	56	*	*	
37	-	-	-	-	-	2	2	67	115	15	-	-	-	-	202	*	*	
47	-	-	-	-	3	4	7	47	66	11	-	-	-	-	138	*	*	
Total	-	-	-	-	3	6	10	145	208	31	1	-	-	-	405	*	*	
Below Grade 1/	93	353	1,772	5,993	16,427	27,413	42,855	33,766	15,225	4,136	1,376	218	33	8	149,668	1.6		
All grades	202	1,866	12,843	58,348	226,086	491,200	1,057,663	1,859,327	3,183,725	2,159,227	155,463	27,930	2,785	173	9,236,839	2/ 100.0		
Pct. all grades	*	*	0.1	0.6	2.5	5.3	11.5	20.1	34.5	23.4	1.7	0.3	*	*	100.0			

1/ Lower in grade than the lowest grades of the official standards.
 2/ As reported by the Bureau of the Census, running bales.
 * Less than 0.05 percent.

Average staple..... 34.6
 Percent tenderable..... 44.1
 Percent Average Rule Used (ARU)..... 1.9
 Percent grade reductions..... 16.8

NOTE: Totals may not add due to rounding.

Table 3. -- Percentage distribution of grade and staple for upland cotton classed through specified periods in the United States, 1987 crop

Grade and Staple	Prior to				Crop
	October 1	November 1	December 1	January 1	
Grade					
White:					
11	0.1	*	*	*	*
21	2.8	5.0	5.0	4.6	4.2
30	0.1	0.1	*	*	*
31	22.4	26.3	26.4	24.6	23.1
40	3.6	2.3	2.1	1.8	1.7
41	39.2	39.2	35.8	32.1	30.2
50	3.4	3.1	2.6	2.1	1.9
51	7.6	7.5	8.6	8.5	8.1
60	*	*	0.1	*	*
61	0.9	0.5	0.7	0.8	0.8
70	*	*	*	*	*
71	0.1	*	*	0.1	0.1
Total	80.2	83.0	81.3	74.6	70.2
Light Spotted:					
12	*	*	*	*	*
22	0.1	0.1	0.2	0.4	0.4
32	4.3	3.3	4.0	7.1	8.4
42	11.3	9.7	9.4	10.6	11.8
52	3.2	2.8	3.1	3.6	4.1
62	0.3	0.3	0.4	0.6	0.7
Total	19.2	16.2	17.1	22.3	25.3
Spotted:					
13	*	*	*	*	*
23	*	*	*	0.1	0.1
33	0.1	0.1	0.1	0.5	0.8
43	0.3	0.2	0.3	0.6	1.1
53	0.2	0.1	0.2	0.3	0.6
63	*	*	0.1	0.1	0.2
Total	0.6	0.4	0.7	1.6	2.8
Tinged:					
24	*	*	*	*	*
34	*	*	*	*	0.1
44	*	*	*	0.1	0.2
54	*	*	*	*	0.1
Total	*	*	*	0.1	0.4
Stained:					
All grades	*	*	*	*	*
Light Gray:					
All grades	*	0.1	0.8	1.1	1.0
Gray:					
All grades	*	*	*	0.1	0.1
Below Grade 1/	0.1	*	0.1	0.2	0.3
All grades	100.0	100.0	100.0	100.0	100.0
STAPLE					
26 & shorter	*	*	*	*	*
28	*	*	*	*	*
29	*	*	0.1	0.1	0.1
30	0.1	0.1	0.3	0.4	0.5
31	0.8	0.6	1.0	1.6	2.0
32	3.1	1.8	2.6	4.1	5.0
33	10.2	5.5	6.2	9.1	10.7
34	26.6	20.5	17.9	18.2	18.8
35	43.5	45.7	42.4	38.1	36.3
36	13.3	23.0	26.3	25.0	23.5
37	2.3	2.4	2.8	2.8	2.7
38	0.1	0.2	0.4	0.4	0.4
39	*	*	0.1	0.1	*
40 & longer	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0
Average staple	34.6	34.9	34.9	34.7	34.6
Ginnings 2/	3,194,463	7,484,563	10,941,308	13,064,927	14,083,390

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 4. -- Grade reductions by specified causes of upland cotton ginned in the United States, by states, 1987 crop

State	Grade reductions by causes							
	Preparation	Bark	Dust	Grass	Oil	Spindle Twist	Other	Total
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
Alabama	64	2,293	-	9,790	7	1	34	12,189
Arizona	948	38,800	9	6,325	20	8	912	47,022
Arkansas	52	2,114	-	4,736	39	11	41	6,993
California	2,430	14,579	4	71,555	84	320	1,940	90,912
Georgia	1,052	2,319	-	16,176	20	4	50	19,621
Louisiana	127	3,998	-	15,548	35	24	11	19,743
Mississippi	152	8,420	-	17,937	236	117	118	26,980
Missouri	2	899	1	2,546	9	5	10	3,472
New Mexico	35	8,601	-	1,127	4	5	121	9,893
North Carolina	81	1,228	-	5,620	5	1	-	6,935
Oklahoma	552	126,733	-	2,502	12	-	37	129,836
South Carolina	232	1,290	-	2,886	-	6	-	4,414
Tennessee	93	6,181	-	11,147	45	422	15	17,903
Texas	6,333	820,483	40	65,108	383	431	1,397	894,175
United States	12,153	1,037,938	54	233,003	899	1,355	4,686	1,290,088

Table 5. -- Tenderability of upland cotton ginned, by states, 1987 crop

State	Tenderable 1/		Untenderable	
	Bales	Pct.	Bales	Pct.
Alabama	259,384	67.1	126,896	32.9
Arizona	534,261	67.1	262,116	32.9
Arkansas	686,990	77.7	197,664	22.3
California	2,424,969	83.1	491,925	16.9
Georgia	226,404	67.8	107,318	32.2
Louisiana	745,731	76.1	234,804	23.9
Mississippi	1,292,851	76.2	403,825	23.8
Missouri	269,595	84.0	51,377	16.0
New Mexico	33,272	42.9	44,294	57.1
North Carolina	42,149	44.2	53,315	55.8
Oklahoma	78,454	23.4	256,541	76.6
South Carolina	30,665	30.5	69,959	69.5
Tennessee	458,702	72.6	173,149	27.4
Texas	1,560,355	34.7	2,939,695	65.3

1/ Tenderable with respect to grade, staple and mike in settlement of New York No. 2 futures contracts.

Table 6. -- Tenderability of upland cotton ginned in the United States, 1968-1987 crops

Year	Tenderable 1/		Untenderable	
	Bales	Pct.	Bales	Pct.
1968	6,714,407	62.0	4,123,977	38.0
1969	5,511,908	55.9	4,348,322	44.1
1970	6,342,553	63.1	3,712,684	36.9
1971	5,638,379	55.6	4,495,040	44.4
1972	7,279,575	55.3	5,895,947	44.7
1973	8,367,010	66.8	4,165,891	33.2
1974	6,651,985	59.2	4,587,750	40.8
1975	4,503,214	55.6	3,594,338	44.4
1976	5,767,782	56.1	4,516,274	43.9
1977	8,853,834	63.7	5,055,287	36.3
1978	5,711,866	54.6	4,747,335	45.4
1979	6,996,723	49.4	7,168,941	50.6
1980	5,405,563	50.4	5,316,703	49.6
1981	6,361,006	42.2	8,711,848	57.8
1982	7,166,579	62.7	4,263,069	37.3
1983	3,864,764	52.1	3,548,570	47.9
1984	5,414,575	43.6	7,004,174	56.4
1985	7,252,955	56.5	5,584,133	43.5
1986	4,073,446	44.1	5,163,393	55.9
1987	8,588,694	61.0	5,494,696	39.0

1/ 1968-1978 tenderable on New York No. 1 and No. 2 futures contracts; 1979-1981, New York No. 2; 1982, New York No. 2 and New Orleans; 1983-1984, New York No. 2; 1985, New York No. 2 and Chicago; and 1986-1987, New York No. 2.

Table 7. -- Alabama: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple													All staples
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	
White:														
11	-	-	-	-	*	*	*	*	*	-	-	-	-	*
21	*	-	-	*	0.1	0.3	0.7	0.3	0.1	-	*	-	-	1.4
30	-	-	-	*	*	*	*	*	*	-	-	-	-	*
31	*	-	*	*	0.1	0.8	3.6	8.3	6.8	3.5	0.9	0.1	*	24.1
40	-	-	-	*	*	0.1	0.4	1.1	1.0	0.6	0.3	*	*	3.5
41	-	-	*	*	0.3	1.9	7.3	17.8	10.6	4.5	1.6	0.1	*	44.2
50	-	-	-	*	*	*	0.3	1.3	1.0	0.4	0.2	*	*	3.2
51	-	-	-	*	*	0.1	0.5	1.5	1.3	0.8	0.4	*	*	4.6
60	-	-	-	*	*	*	*	*	*	*	-	-	-	*
61	-	-	-	*	*	*	*	0.1	0.1	0.1	*	*	-	0.3
70	-	-	-	-	-	-	-	*	-	-	-	-	-	*
71	-	-	-	*	*	*	*	*	*	*	*	-	-	*
Lt. Spotted:														
12	-	-	-	-	-	-	*	-	-	-	-	-	-	*
22	-	-	-	*	*	*	*	*	*	*	*	-	-	*
32	-	-	-	*	0.1	0.3	0.9	1.3	0.7	0.3	0.1	*	-	3.6
42	*	-	*	*	0.2	0.9	2.8	4.7	2.2	0.8	0.3	*	*	11.9
52	-	-	-	*	*	0.1	0.4	0.7	0.5	0.2	0.1	*	*	2.0
62	-	-	-	*	*	*	*	0.1	0.1	*	*	*	-	0.2
Spotted:														
13	-	-	-	-	-	*	*	*	-	-	-	-	-	*
23	-	-	-	-	*	*	*	*	*	-	-	-	-	*
33	-	-	-	*	*	*	*	*	*	*	*	*	-	0.1
43	-	-	-	*	*	*	0.1	0.1	*	*	*	*	-	0.3
53	-	-	-	*	*	*	*	*	*	*	*	-	-	0.1
63	-	-	-	-	*	*	*	*	*	*	-	-	-	*
Tinged:														
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	*	*	*	-	-	-	-	-	*
44	-	-	-	-	*	*	*	*	*	-	-	-	-	*
54	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Stained:														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Lt. Gray:														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	*	*	*	*	*	*	*	-	-	*
36	-	-	-	-	*	*	*	*	*	*	*	-	-	*
46	-	-	-	-	*	*	*	*	*	*	*	-	-	*
Gray:														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	*	*	*	*	*	-	-	-	*
37	-	-	-	-	*	*	*	*	*	*	-	-	-	*
47	-	-	-	-	*	-	-	*	-	-	-	-	-	*
Below Grade 2/	-	-	-	-	*	*	*	*	*	*	*	-	-	*
All grades	*	-	*	*	0.7	4.3	16.9	37.8	24.6	11.4	3.9	0.3	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	:53 and above:	Average mike
Percent	0.4	0.8	1.9	2.5	84.3	8.1	2.1	43

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	: 32 and above :		
Percent	*	*	0.4	4.7	17.7	25.4	21.9	19.2	10.7	27.8	

1/ Ginnings, Bureau of the Census, 386,280 running bales. Average staple..... 34.3
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 67.1
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.5
 Percent grade reductions..... 3.2

Table 7-a. -- Arizona: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and : : shorter:	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :	
White:															
11	-	-	-	-	-	-	*	0.1	0.1	-	-	-	-	-	0.2
21	*	-	-	-	*	*	*	0.3	4.4	7.9	-	*	-	*	13.5
30	-	-	-	-	-	-	*	*	*	-	*	-	-	-	0.1
31	-	-	-	-	-	*	0.1	0.8	12.6	19.7	1.9	0.1	*	*	35.1
40	-	-	-	-	-	-	*	*	0.2	0.3	*	*	*	-	0.5
41	-	-	-	-	*	*	0.1	1.2	10.8	12.1	0.9	*	*	-	25.2
50	-	-	-	-	-	-	*	*	0.1	0.1	*	*	*	-	0.2
51	-	-	-	*	*	*	*	0.6	2.8	2.2	0.1	*	*	-	5.8
60	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
61	-	-	-	*	*	*	0.1	0.4	0.5	0.1	*	*	-	-	1.2
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	-	0.3
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
22	-	-	-	-	-	*	*	*	0.2	0.2	*	*	-	-	0.4
32	-	-	-	-	*	*	0.1	0.2	1.4	2.0	0.3	*	*	*	4.0
42	-	-	*	*	*	*	*	0.3	1.1	1.0	0.2	*	*	-	2.7
52	-	*	*	*	*	*	0.1	0.4	0.6	0.2	*	*	*	-	1.4
62	*	*	*	*	*	*	0.2	0.8	0.6	0.1	*	-	-	-	1.8
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
33	-	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	0.2
43	-	*	*	-	-	*	*	*	0.1	*	*	*	-	-	0.2
53	*	-	*	*	*	*	*	*	0.1	*	*	*	-	-	0.1
63	*	*	*	*	*	*	*	0.1	0.1	*	*	*	-	-	0.2
Tinged:															
24	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
34	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
44	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
54	-	*	-	*	*	*	*	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
26	*	-	-	-	*	*	*	*	0.5	0.6	*	-	-	-	1.2
36	-	-	-	-	*	*	*	0.2	2.0	1.4	*	-	-	-	3.7
46	-	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	0.2
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	*	-	-	-	-	-	-	*	0.1	*	*	-	-	-	0.1
37	-	-	-	-	-	-	*	*	0.2	0.1	*	-	-	-	0.3
47	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
Below Grade 2/	*	*	*	*	*	0.1	0.3	0.7	0.2	*	*	-	*	-	1.4
All grades	*	*	*	*	*	0.2	1.1	6.2	38.9	48.7	4.6	0.2	*	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	0.9	2.2	3.0	1.9	77.8	12.5	1.6	44

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and : : below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and : : above :		
Percent	*	0.2	1.5	7.6	19.4	22.8	25.7	17.5	5.3	27.2	

1/ Ginnings, Bureau of the Census, 796,377 running bales. Average staple..... 35.5
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 67.1
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 0.2
 Percent grade reductions..... 6.2

Table 7-b. -- Arkansas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple													All staples	
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :		: 40 and longer :
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	*	*	0.1	0.2	0.1	-	-	*	-	0.4
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	-	*	*	0.2	1.4	6.5	2.6	0.1	*	*	*	10.8
40	-	-	-	-	*	*	0.1	0.2	1.2	0.6	*	*	-	-	2.2
41	-	-	-	*	*	*	0.5	5.3	28.8	11.8	0.9	*	*	*	47.3
50	-	-	-	-	*	*	*	0.5	4.2	2.2	0.2	*	*	-	7.1
51	-	-	-	-	*	*	0.1	1.0	6.9	3.9	0.4	*	*	*	12.2
60	-	-	-	-	-	-	*	*	0.1	*	-	-	-	-	0.1
61	-	-	-	-	-	*	*	0.1	0.2	0.1	*	-	-	-	0.4
70	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
71	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
32	-	-	-	-	*	*	0.1	0.7	1.5	0.4	*	*	*	*	2.7
42	-	-	-	*	*	*	0.2	2.4	7.1	2.3	0.3	*	*	*	12.3
52	-	-	-	*	*	*	0.1	0.6	2.0	0.9	0.1	*	*	-	3.7
62	-	-	-	*	*	*	*	0.1	0.2	0.1	*	*	-	-	0.3
Spotted:															
13	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
23	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
33	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
43	-	-	-	-	*	*	*	*	0.1	*	*	*	-	-	0.2
53	-	-	-	-	*	*	*	*	*	*	*	*	-	-	0.1
63	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
44	-	-	-	-	*	-	*	*	*	*	*	*	-	-	*
54	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
37	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Below Grade 2/	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
All grades	-	-	-	*	*	0.1	1.2	12.5	59.0	25.0	2.1	0.1	*	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	0.1	0.4	1.2	1.3	93.3	3.0	0.5	43

Fiber strength	1/8" gage (grams per tex)									Average strength
	: 17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and above :	
Percent	*	*	0.3	4.6	26.1	43.4	20.5	4.2	0.8	26.4

1/ Ginnings, Bureau of the Census, 884,654 running bales. Average staple..... 35.
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 77.
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.
 Percent grade reductions..... 0.

Table 7-c. -- California: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple															All staples
	: 26 and shorter :	: 28 :	: 29 :	: 30 :	: 31 :	: 32 :	: 33 :	: 34 :	: 35 :	: 36 :	: 37 :	: 38 :	: 39 :	: 40 and longer :		
White:																
11	-	-	-	-	-	-	-	*	*	0.1	-	-	-	-	0.1	
21	*	-	-	-	-	-	*	0.1	4.5	6.9	-	*	*	*	11.8	
30	-	-	-	-	*	-	-	*	*	0.1	-	-	-	-	0.1	
31	*	-	-	*	*	-	*	0.1	11.5	27.6	0.9	*	-	-	40.1	
40	-	-	-	-	*	-	-	*	0.3	1.3	0.1	*	-	-	1.7	
41	-	-	-	-	*	*	*	0.1	5.7	12.9	0.6	*	*	*	19.3	
50	-	-	-	-	-	-	-	-	0.1	0.3	*	-	-	-	0.4	
51	*	-	-	-	-	*	*	*	2.5	7.0	0.3	*	-	*	9.8	
60	-	-	-	-	-	-	-	*	*	0.1	-	-	-	-	0.1	
61	*	-	-	-	*	*	*	*	0.4	0.6	*	-	-	*	1.0	
70	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*	
71	-	-	-	-	-	-	*	*	0.1	*	*	*	-	-	0.1	
Lt. Spotted:																
12	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*	
22	-	-	-	-	-	-	-	*	0.1	0.1	*	-	*	-	0.2	
32	-	-	-	-	-	*	*	*	1.1	1.7	0.1	*	-	-	2.9	
42	-	-	-	-	-	-	*	*	1.4	2.5	0.1	*	*	*	4.1	
52	-	-	-	*	-	*	*	0.1	0.7	1.0	0.1	*	-	-	1.8	
62	-	-	*	*	*	*	*	0.1	0.3	0.1	*	-	-	-	0.5	
Spotted:																
13	-	-	-	*	-	-	-	-	*	*	*	-	-	-	*	
23	-	-	-	-	-	-	-	*	*	*	*	-	-	-	0.1	
33	-	-	-	-	-	*	*	*	0.2	0.3	*	-	-	-	0.4	
43	-	-	-	-	-	-	*	*	0.3	0.3	*	-	-	-	0.6	
53	-	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	0.3	
63	-	*	*	*	*	*	*	*	0.1	*	*	-	-	-	0.2	
Tinged:																
24	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*	
34	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*	
44	-	-	-	-	*	*	*	*	*	*	*	-	*	-	0.1	
54	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*	
Stained:																
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	-	-	-	-	*	*	-	*	*	*	-	-	-	-	*	
Lt. Gray:																
16	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*	
26	*	-	-	-	-	-	*	*	0.2	0.2	*	*	*	-	0.4	
36	-	-	-	-	*	*	*	*	1.1	1.4	*	*	-	*	2.6	
46	*	-	-	-	-	*	*	*	0.3	0.3	*	-	-	-	0.6	
Gray:																
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*	
37	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	*	0.2	
47	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1	
Below Grade 2/	-	*	*	*	*	*	*	*	0.1	0.2	*	*	-	-	0.3	
All grades	*	*	*	*	*	*	*	*	0.8	31.2	65.3	2.6	*	*	100.0	

Mike	: 26 and below :	: 27-29 :	: 30-32 :	: 33-34 :	: 35-49 :	: 50-52 :	: 53 and above:	Average mike
Percent	*	0.2	0.6	0.8	97.4	1.0	0.1	43

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below :	: 18-19 :	: 20-21 :	: 22-23 :	: 24-25 :	: 26-27 :	: 28-29 :	: 30-31 :	: 32 and above :		
Percent	0.1	*	0.1	0.5	1.2	5.4	25.1	38.5	29.0	30.3	

1/ Ginnings, Bureau of the Census, 2,916,894 running bales. Average staple..... 35.7
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 83.1
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 0.3
 Percent grade reductions..... 3.2

Table 7-d. -- Georgia: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1967 crop 1/

Grade	Staple														All staples
	: 26 and shorter :	: 28 :	: 29 :	: 30 :	: 31 :	: 32 :	: 33 :	: 34 :	: 35 :	: 36 :	: 37 :	: 38 :	: 39 :	: 40 and longer :	
White:															
11	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
21	-	-	-	-	*	*	*	*	0.1	0.1	-	-	-	-	0.3
30	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
31	-	-	-	*	*	0.4	1.8	6.2	10.5	7.3	2.1	0.1	*	*	28.4
40	-	-	-	*	*	*	*	0.2	0.4	0.5	0.3	*	*	-	1.4
41	-	*	-	*	*	0.5	2.5	8.1	14.1	11.5	4.9	0.4	*	*	42.0
50	-	-	-	-	*	*	*	0.1	0.4	0.4	0.3	*	*	-	1.3
51	-	-	-	*	*	0.1	0.3	1.3	2.3	2.2	1.2	0.1	*	*	7.5
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	*	*	*	0.1	0.2	0.2	0.1	*	*	-	0.6
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
32	-	-	-	*	*	0.1	0.4	1.0	1.3	0.9	0.3	*	*	-	4.0
42	-	-	-	*	*	0.3	1.0	2.4	3.1	2.3	0.9	0.1	*	*	10.1
52	-	-	-	*	*	0.1	0.3	0.7	1.0	0.7	0.3	*	*	-	3.1
62	-	-	*	*	*	*	0.1	0.1	0.2	0.1	*	*	-	-	0.5
Spotted:															
13	-	-	-	-	-	-	-	*	-	*	*	-	-	-	*
23	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
33	-	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
43	-	-	-	*	*	*	*	*	*	0.1	*	*	-	-	0.2
53	-	-	-	*	*	*	*	*	*	*	*	*	-	-	0.1
63	-	-	-	*	*	*	*	*	*	*	*	*	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
44	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
54	-	-	-	-	-	*	*	-	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
36	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1
46	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Below Grade 2/	-	-	-	*	*	*	*	*	*	*	*	*	-	-	0.1
All grades	-	*	*	*	0.2	1.5	6.7	20.4	33.7	26.2	10.5	0.8	0.1	*	100.0

Mike	: 26 and below :	: 27-29 :	: 30-32 :	: 33-34 :	: 35-49 :	: 50-52 :	: 53 and above :	Average mike
Percent	0.6	1.6	3.5	3.4	83.0	6.4	1.5	42

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below :	: 18-19 :	: 20-21 :	: 22-23 :	: 24-25 :	: 26-27 :	: 28-29 :	: 30-31 :	: 32 and above :		
Percent	*	0.1	0.4	3.5	13.3	27.6	31.1	18.4	5.5	27.8	

1/ Ginnings, Bureau of the Census, 333,722 running bales. Average staple..... 35.
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 67.
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.
 Percent grade reductions..... 5.

Table 7-e. -- Louisiana: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and : : shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	: 40 and : : longer :	
White:															
11	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
21	-	-	-	-	*	*	*	0.1	0.1	*	-	-	-	-	0.2
30	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
31	-	-	*	*	*	0.1	0.4	3.7	10.9	1.9	0.2	*	*	*	17.1
40	-	-	-	-	*	*	*	0.2	0.7	0.2	*	*	*	-	1.2
41	-	-	*	*	*	0.1	0.6	8.1	35.7	8.6	0.7	*	*	*	53.9
50	-	*	-	-	*	*	*	0.2	1.7	0.6	0.1	*	-	*	2.5
51	-	-	-	*	*	*	0.1	0.7	3.5	1.2	0.2	*	-	*	5.7
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	-	0.2
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
32	-	-	-	*	*	*	0.1	1.0	1.5	0.2	*	*	-	*	2.9
42	-	-	-	*	*	*	0.2	3.0	7.9	1.6	0.1	*	*	*	12.9
52	-	-	-	*	*	*	0.1	0.6	1.4	0.4	0.1	*	*	*	2.6
62	-	-	-	-	*	*	*	0.1	0.2	*	*	*	-	-	0.3
Spotted:															
13	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
23	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
43	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	*	0.2
53	-	-	-	-	*	*	*	*	*	*	*	*	-	*	0.1
63	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
Tinged:															
24	-	-	-	-	*	-	-	-	-	-	-	-	-	-	*
34	-	-	-	-	*	-	-	*	-	-	-	-	-	-	*
44	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
54	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	-	*	*	*	*	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
46	-	-	-	-	-	*	-	*	*	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	*	-	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Below Grade 2/															
All grades	-	*	*	*	*	0.3	1.6	17.9	63.9	14.9	1.4	0.1	*	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	0.1	0.4	1.4	1.8	91.0	4.7	0.6	43

Fiber strength	1/8" gage (grams per tex)									Average strength
	: 17 and : : below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	: 32 and : : above :	
Percent	-	*	0.1	1.9	16.5	38.2	25.9	11.5	5.9	27.4

1/ Ginnings, Bureau of the Census, 980,535 running bales.
 2/ Lower in grade than the lowest grades of the official standards.
 * Less than 0.05 percent.

Average staple..... 35.0
 Percent tenderable..... 76.1
 Percent Average Rule Used (ARU)... 0.4
 Percent grade reductions..... 2.0

Table 7-f. -- Mississippi: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	: 40 and longer :	
White:															
11	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
21	-	-	-	*	*	*	0.1	0.5	0.4	*	-	-	-	-	1.1
30	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
31	-	-	*	*	*	0.1	0.8	8.0	9.7	1.0	0.1	*	-	-	19.7
40	-	-	-	*	*	*	0.1	0.6	1.4	0.2	*	*	-	-	2.3
41	-	-	*	*	*	0.1	1.0	13.6	27.9	3.7	0.4	*	*	-	46.8
50	-	-	-	*	*	*	*	0.6	2.4	0.5	0.1	*	-	-	3.6
51	-	-	*	*	*	*	0.1	2.1	6.1	1.3	0.1	*	-	-	9.8
60	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
61	-	-	-	*	*	*	*	0.1	0.3	0.1	*	*	-	*	0.5
70	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
71	-	-	-	*	*	-	*	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
32	-	-	-	*	*	*	0.1	1.0	0.9	0.1	*	*	-	-	2.2
42	-	-	*	*	*	*	0.3	3.0	5.3	0.9	0.1	*	-	-	9.6
52	-	-	-	*	*	*	0.1	0.9	1.7	0.4	*	*	-	-	3.3
62	-	-	-	*	*	*	*	0.1	0.2	*	*	-	-	-	0.4
Spotted:															
13	-	-	-	-	-	-	*	-	*	*	*	-	-	-	*
23	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
33	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
43	-	-	-	-	*	*	*	*	0.1	*	*	*	-	-	0.1
53	-	-	-	*	*	*	*	*	*	*	*	-	-	-	0.1
63	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
34	-	-	-	-	*	-	-	*	*	*	-	-	-	-	*
44	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
54	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	*	-	-	*	*	*	-	-	*	*	*
Lt. Gray:															
16	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
26	-	-	-	*	*	*	*	0.1	*	*	*	-	-	-	0.1
36	-	-	-	*	*	*	*	*	*	-	-	-	-	-	*
46	-	-	-	-	*	*	*	*	*	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
27	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
37	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
47	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
Below Grade 2/	-	-	-	*	*	*	*	*	*	*	*	*	-	-	0.1
All grades	-	-	*	*	0.1	0.4	2.8	31.1	56.4	8.4	0.8	*	*	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	0.1	0.7	2.6	4.1	88.9	3.0	0.5	41

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and above :		
Percent	-	*	0.2	2.9	22.5	44.2	24.3	5.2	0.8	26.6	

1/ Ginnings, Bureau of the Census, 1,696,676 running bales. Average staple..... 34.7
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 76.2
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.9
 Percent grade reductions..... 1.6

Table 7-g. -- Missouri: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and	: 28	: 29	: 30	: 31	: 32	: 33	: 34	: 35	: 36	: 37	: 38	: 39	: 40 and	
	: shorter													: longer	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	*	*	*	0.2	0.6	0.3	0.1	*	-	-	1.3
30	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
31	-	-	-	-	*	0.1	0.4	2.7	10.2	3.9	0.6	*	*	-	17.9
40	-	-	-	-	-	*	*	0.2	1.0	0.5	*	*	*	-	1.8
41	-	-	*	-	*	0.1	0.9	6.1	30.4	8.9	1.0	*	*	*	47.5
50	-	-	-	-	*	*	0.1	0.4	3.2	1.3	0.1	*	-	-	5.1
51	-	-	-	-	*	*	0.3	1.8	8.3	2.7	0.3	*	*	-	13.5
60	-	-	-	-	-	*	*	*	0.1	*	*	-	-	-	0.1
61	-	-	-	-	-	*	*	0.1	0.2	0.1	*	-	-	-	0.4
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
32	-	-	-	-	-	*	*	0.4	1.1	0.3	0.1	*	-	-	1.9
42	-	-	-	-	*	*	0.1	1.2	4.4	1.1	0.2	*	-	-	7.1
52	-	-	-	-	*	*	0.1	0.6	1.5	0.4	0.1	*	-	-	2.8
62	-	-	-	-	-	*	*	0.1	0.1	*	*	*	-	-	0.2
.otted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
43	-	-	-	-	-	*	*	*	0.1	*	*	-	-	-	0.2
53	-	-	-	-	-	*	*	*	0.1	*	*	*	-	-	0.1
63	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
.nged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
44	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
54	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
.ined:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
.y:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ow Grade 2/	-	-	-	*	*	*	*	*	*	*	*	-	-	-	*
grades	-	-	*	*	*	0.2	2.0	14.0	61.5	19.8	2.5	*	*	*	100.0

Mike	: 26 and below	: 27-29	: 30-32	: 33-34	: 35-49	: 50-52	: 53 and above	Average mike
cent	*	0.2	1.1	1.7	94.8	2.0	0.2	42

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below	: 18-19	: 20-21	: 22-23	: 24-25	: 26-27	: 28-29	: 30-31	: 32 and above		
cent	-	-	0.2	3.7	31.0	46.8	16.1	2.0	0.3	26.1	

Ginnings, Bureau of the Census, 320,972 running bales.
 Lower in grade than the lowest grades of the official standards.
 Less than 0.05 percent.

Average staple..... 35.1
 Percent tenderable..... 84.0
 Percent Average Rule Used (ARU)... 0.4
 Percent grade reductions..... 1.1

Table 7-h. -- New Mexico: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and shorter:	: 28 :	: 29 :	: 30 :	: 31 :	: 32 :	: 33 :	: 34 :	: 35 :	: 36 :	: 37 :	: 38 :	: 39 :	: 40 and longer :	
White:															
11	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
21	-	-	-	-	-	*	0.1	0.1	0.3	0.7	-	0.8	*	-	2.9
30	-	-	-	-	-	-	-	*	*	*	-	0.2	*	-	0.3
31	-	-	*	*	*	0.2	0.9	0.8	2.7	6.4	14.2	8.8	0.9	0.1	35.1
40	-	-	-	-	0.1	0.1	0.2	0.1	0.1	0.2	0.7	0.7	0.1	*	2.2
41	-	-	*	*	0.3	1.0	2.5	1.9	2.1	2.7	6.4	5.2	1.2	0.2	23.6
50	-	-	-	-	*	0.1	0.3	0.1	0.1	0.1	0.1	0.1	*	*	0.9
51	-	*	*	*	0.1	0.6	1.2	0.9	0.8	0.6	0.7	0.5	0.1	*	5.6
60	-	-	-	-	-	*	*	-	-	-	-	-	-	-	0.5
61	-	-	-	-	*	0.1	0.1	0.1	0.1	0.1	0.1	*	*	-	0.5
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	*	*	*	*	*	*	*	*	-	-	0.1
32	*	*	*	*	0.1	0.3	0.7	0.7	1.0	1.2	2.1	2.1	0.3	*	8.7
42	-	*	*	0.1	0.4	1.0	2.2	1.7	1.3	1.1	1.7	1.6	0.5	0.1	11.8
52	-	*	*	*	0.2	0.5	1.0	0.7	0.5	0.4	0.4	0.3	0.1	*	4.1
62	-	-	*	*	*	*	0.1	0.2	0.2	0.2	0.1	*	*	*	0.7
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	*	-	-	*
23	-	-	-	-	*	*	-	*	*	*	-	-	-	-	*
33	-	-	*	*	0.1	0.1	0.2	0.1	0.2	0.1	*	*	*	-	0.7
43	-	*	*	*	0.1	0.2	0.4	0.2	0.2	0.1	0.1	*	*	-	1.4
53	-	*	*	*	*	0.1	0.2	0.1	0.1	0.1	*	*	-	-	0.7
63	-	-	-	*	*	*	*	*	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	*	-	*	-	-	-	-	*
34	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
44	-	-	*	*	*	*	*	*	*	*	-	-	-	-	0.1
54	-	-	*	*	*	*	*	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	*	*	-	-	-	-	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	*	*	*	-	-	*
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	*	*	*	*	*	0.1	*	*	*	-	0.2
All grades	*	*	0.1	0.3	1.5	4.5	10.0	7.8	9.7	14.0	27.8	20.3	3.3	0.5	100.0

Mike	: 26 and below :	: 27-29 :	: 30-32 :	: 33-34 :	: 35-49 :	: 50-52 :	: 53 and above:	Average mike
Percent	4.4	10.4	18.2	14.5	52.3	0.1	*	35

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below :	: 18-19 :	: 20-21 :	: 22-23 :	: 24-25 :	: 26-27 :	: 28-29 :	: 30-31 :	: 32 and above :		
Percent	*	0.2	1.0	5.1	12.4	16.1	25.6	25.2	14.6	28.4	

1/ Ginnings, Bureau of the Census, 77,568 running bales. Average staple..... 31
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 41
 * Less than 0.05 percent. Percent Average Rule Used (ARU).... 1
 Percent grade reductions..... 1

Table 7-i. -- North Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple													All staples
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	
White:														
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	*	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	*	0.3	1.7	2.5	1.0	0.1	*	-	-
40	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-
41	-	-	-	-	-	0.1	0.9	9.4	22.6	11.5	1.4	*	-	-
50	-	-	-	-	-	-	0.1	0.5	2.0	1.5	0.2	*	-	-
51	-	-	-	-	-	*	0.3	2.5	6.0	3.8	0.5	*	-	-
60	-	-	-	-	-	-	*	0.1	0.1	0.1	-	-	-	-
61	-	-	-	-	-	*	*	0.1	0.4	0.2	*	-	-	-
70	-	-	-	-	-	-	*	*	*	*	-	-	-	-
71	-	-	-	-	-	-	*	*	*	*	*	-	-	-
Lt. Spotted:														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	*	0.1	0.4	0.4	0.1	*	-	-	-
42	-	-	-	-	*	*	0.4	3.9	8.9	5.2	0.6	*	-	-
52	-	-	-	-	*	*	0.2	1.5	3.4	2.3	0.3	*	-	-
62	-	-	-	*	-	*	*	0.2	0.4	0.2	0.1	*	-	-
Spotted:														
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	*	*	*	-	-	-	-
43	-	-	-	-	-	-	*	0.1	0.1	*	*	-	-	-
53	-	-	-	-	*	*	*	*	0.1	0.1	*	-	-	-
63	-	-	-	-	-	*	*	*	*	*	*	*	-	-
Tinged:														
24	-	-	-	-	-	-	-	-	-	*	-	-	-	-
34	-	-	-	-	-	-	-	*	-	-	-	-	-	-
44	-	-	-	-	-	-	-	*	*	-	-	-	-	-
54	-	-	-	*	-	*	-	*	*	*	-	-	-	-
Stained:														
25	-	-	-	-	-	-	-	-	*	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	*	-	-	-	-	-
36	-	-	-	-	-	-	*	*	*	*	*	-	-	-
46	-	-	-	-	-	-	*	*	*	-	-	-	-	-
Gray:														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	*	-	-	-	-	-
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	*	*	*	*	*	*	*	-	-	-
All grades	-	-	-	*	*	0.2	2.5	20.6	47.1	26.2	3.2	0.1	-	-

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	*	0.1	0.3	0.3	67.4	18.6	13.3	47

Fiber strength	1/8" gage (grams per tex)									Average strength
	: 17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and above :	
Percent	-	-	2.1	14.5	35.1	31.0	12.7	3.8	0.9	25.5

1/ Ginnings, Bureau of the Census, 95,464 running bales. Average staple..... 35.1
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 44.2
 Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.4
 Percent grade reductions..... 7.3

Table 7-j. -- Oklahoma: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	: 40 and longer :	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	*	*	*	*	*	*	0.1	-	0.2	*	-	0.6
30	-	-	-	-	-	-	-	-	-	-	-	*	-	*	
31	-	-	-	*	0.1	0.3	1.0	0.9	0.7	0.6	2.3	1.4	0.2	*	7.5
40	-	-	*	*	*	*	0.1	0.1	*	*	*	*	*	-	0.3
41	-	*	*	*	0.2	0.6	1.9	2.1	1.7	0.9	0.8	0.4	0.1	*	8.9
50	-	-	-	-	*	*	0.1	0.1	0.1	*	*	-	-	-	0.4
51	-	*	*	*	0.2	0.4	1.5	2.2	1.5	0.6	0.4	*	*	-	6.8
60	-	-	-	-	*	*	*	*	*	-	-	-	-	-	*
61	-	*	*	*	*	0.1	0.3	0.4	0.4	0.1	*	*	-	-	1.4
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	*	*	*	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	*	*	*	*	*	*	*	*	*	*	*	0.2
32	-	-	*	*	0.2	1.1	3.4	3.6	2.2	0.6	0.6	0.3	0.1	*	12.2
42	*	*	*	*	0.4	1.5	5.1	6.2	4.9	1.6	0.7	0.1	0.1	*	20.7
52	*	*	*	*	0.3	1.0	3.9	5.4	4.4	1.4	0.5	*	*	-	17.1
62	-	-	*	*	0.1	0.2	0.9	1.5	1.2	0.3	0.1	*	*	-	4.3
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
33	-	-	*	*	*	0.1	0.4	0.5	0.4	0.1	*	*	*	*	1.5
43	-	*	*	*	0.1	0.2	1.1	1.5	1.3	0.4	0.1	*	*	*	4.6
53	-	-	*	*	0.1	0.3	1.4	2.1	1.9	0.6	0.1	*	*	-	6.5
63	-	-	*	*	*	0.1	0.5	0.7	0.5	0.2	*	*	-	-	2.1
Tinged:															
24	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
34	-	-	*	*	*	*	*	*	*	*	*	-	-	-	0.1
44	*	-	-	*	*	*	0.2	0.2	0.1	*	*	*	-	-	0.5
54	-	-	-	*	*	0.1	0.4	0.6	0.5	0.1	*	*	-	-	1.7
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	*	*	-	-	-	*
36	-	-	-	-	*	*	-	-	-	-	*	-	-	-	*
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	*	-	*	-	-	-	*
Below Grade 2/	*	-	*	*	*	0.2	0.7	0.8	0.6	0.1	*	*	*	-	2.5
All grades	*	*	*	0.2	1.7	6.3	23.0	29.0	22.6	7.7	6.2	2.6	0.5	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	5.3	7.0	10.1	8.8	66.1	2.1	0.6	38

Fiber strength	1/8" gage (grams per tex)									Average strength
	: 17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	: 32 and above :	
Percent	0.1	0.3	1.7	8.0	24.2	33.9	20.3	7.5	4.1	26.5

1/ Ginnings, Bureau of the Census, 334,995 running bales. Average staple..... 34.3
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 23.4
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 8.4
 Percent grade reductions..... 38.8

Table 7-k. -- South Carolina: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple													All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39		40 and longer
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	*	0.4	1.6	1.3	0.1	*	-	-	3.5
40	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
41	-	-	-	-	-	*	0.1	2.1	12.0	8.7	1.0	*	-	-	24.0
50	-	-	-	-	-	-	*	0.1	0.5	0.4	*	*	-	-	1.0
51	-	-	-	-	-	-	*	0.5	2.3	1.4	0.1	*	-	-	4.4
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	-	-	-	*	0.1	0.1	*	-	-	-	0.2
70	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
71	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	*	*	-	-	-	*
32	-	-	-	-	-	*	*	0.3	0.7	0.6	*	*	-	-	1.7
42	-	-	-	*	*	0.1	1.1	6.8	20.8	11.9	1.2	*	-	-	41.8
52	-	-	-	*	*	0.1	1.0	4.2	8.4	4.2	0.4	*	-	-	18.3
62	-	-	-	-	*	*	0.1	0.3	0.4	0.2	*	-	-	-	1.0
otted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	*	-	*	-	-	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	-	-	-	-	0.1
43	-	-	-	*	*	*	0.1	0.3	0.5	0.2	*	-	-	-	1.2
53	-	-	*	*	*	0.1	0.5	0.7	0.8	0.2	*	-	-	-	2.5
63	-	-	-	*	*	*	0.1	0.1	0.1	*	*	-	-	-	0.3
nged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
44	-	-	-	-	*	*	*	*	-	*	-	-	-	-	*
54	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
ained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
ay:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
37	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
47	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
low Grade 2/	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1
l grades	-	-	*	*	0.1	0.5	3.1	15.8	48.2	29.2	3.1	0.1	-	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	0.2	0.7	1.0	1.1	90.6	5.4	1.0	44

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	-	0.1	2.3	12.2	27.0	29.0	19.0	7.2	3.2	26.2

Ginnings, Bureau of the Census, 100,624 running bales. Average staple..... 35.1
 Lower in grade than the lowest grades of the official standards. Percent tenderable..... 30.5
 Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.7
 Percent grade reductions..... 4.4

Table 7-1. -- Tennessee: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple													All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	
White:														
11	-	-	-	-	-	-	-	*	-	-	-	-	-	*
21	-	-	-	-	-	*	0.1	0.1	*	-	-	-	-	0.2
30	-	-	-	-	-	-	-	*	-	-	-	-	-	*
31	-	-	-	-	*	*	0.2	4.1	6.7	0.8	*	-	-	11.9
40	-	-	-	-	-	*	*	0.2	0.5	0.1	*	-	-	0.8
41	-	-	-	-	*	*	0.3	11.0	25.6	2.7	*	*	-	39.6
50	-	-	-	-	-	*	*	0.9	4.1	0.4	*	-	-	5.5
51	-	-	-	-	*	*	0.1	3.1	7.6	0.8	*	-	-	11.5
60	-	-	-	-	-	*	*	*	0.1	*	-	-	-	0.1
61	-	-	-	-	-	*	*	0.3	0.4	*	-	-	-	0.7
70	-	-	-	-	-	*	*	*	*	-	-	-	-	*
71	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Lt. Spotted:														
12	-	-	-	-	-	-	-	*	-	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	-	-	-	-	*
32	-	-	-	-	*	*	0.3	3.6	3.9	0.3	*	-	-	8.0
42	-	-	-	-	*	*	0.2	4.8	9.5	1.1	*	*	-	15.7
52	-	-	-	-	*	*	0.1	1.5	2.5	0.3	*	*	-	4.4
62	-	-	-	-	*	*	*	0.2	0.2	*	*	-	-	0.4
Spotted:														
13	-	-	-	-	-	-	*	-	-	-	-	-	-	*
23	-	-	-	-	-	*	*	*	*	-	-	-	-	*
33	-	-	-	-	-	*	*	0.1	0.1	*	*	-	-	0.2
43	-	-	-	-	-	*	*	0.2	0.4	*	*	-	-	0.6
53	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	0.2
63	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
Tinged:														
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	*	-	*	*	-	-	-	-	-	*
44	-	-	-	-	-	*	*	*	*	-	-	-	-	*
54	-	-	-	-	-	*	*	*	-	-	-	-	-	*
Stained:														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	*	-	*	-	-	-	-	-	*
Lt. Gray:														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	*	*	*	*	-	-	-	-	*
36	-	-	-	-	-	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Gray:														
17	-	-	-	-	-	-	*	-	-	-	-	-	-	*
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	*	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
All grades	-	-	-	-	*	*	1.2	30.2	61.7	6.8	0.1	*	-	100.0

Mike	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	Average mike
Percent	*	*	0.3	0.3	95.3	3.6	0.5	44

Fiber strength	1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Percent	*	-	0.4	5.3	32.1	45.6	14.6	1.9	0.1	26.0

1/ Ginnings, Bureau of the Census, 631,851 running bales. Average staple..... 34.7
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 72.6
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 1.4
 Percent grade reductions..... 2.9

Table 7-m. -- Texas: Percentage distribution of grade, staple, mike and fiber strength for upland cotton classed, 1987 crop 1/

Grade	Staple														All staples
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	: 40 and longer :	
White:															
11	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	0.1	0.4	0.8	0.7	0.4	0.2	0.1	*	*	*	*
30	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*
31	*	*	0.1	0.2	0.9	2.4	5.0	5.1	3.7	1.2	0.5	0.1	*	*	19.3
40	*	*	*	*	0.1	0.2	0.3	0.4	0.5	0.2	*	*	*	*	1.8
41	*	*	0.1	0.3	1.1	2.6	4.7	4.6	4.0	1.6	0.5	0.1	*	*	19.4
50	*	*	*	*	*	0.1	0.2	0.1	0.1	0.1	*	*	*	*	0.7
51	*	*	*	0.1	0.3	0.9	1.8	1.6	1.0	0.4	0.2	*	*	*	6.3
60	*	-	*	*	*	*	*	*	*	*	*	-	-	-	*
61	*	*	*	*	*	0.1	0.3	0.2	0.1	*	*	*	*	*	0.9
70	-	-	-	-	*	-	-	-	*	-	-	-	-	-	*
71	-	-	*	*	*	*	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	*	*	*	*	*	*	*	-	-	-	-	*
22	*	*	*	*	0.1	0.2	0.3	0.2	0.1	*	*	*	*	*	1.0
32	*	*	0.1	0.3	1.1	2.6	5.2	4.6	2.8	1.0	0.4	0.1	*	*	18.1
42	*	*	0.1	0.2	0.9	2.3	4.4	4.1	3.0	1.2	0.5	0.1	*	*	16.7
52	*	*	*	0.1	0.3	0.7	1.5	1.4	1.0	0.4	0.2	*	*	*	5.6
62	-	*	*	*	*	0.1	0.2	0.2	0.1	*	*	*	*	*	0.6
Spotted:															
13	-	-	-	-	-	*	*	*	*	-	-	-	-	-	*
23	-	*	*	*	*	*	0.1	*	*	*	*	*	-	-	0.2
33	*	*	*	0.1	0.2	0.4	0.6	0.5	0.2	0.1	*	*	*	*	2.1
43	*	*	*	*	0.2	0.4	0.6	0.5	0.3	0.1	*	*	*	*	2.3
53	*	*	*	*	0.1	0.2	0.3	0.2	0.2	0.1	*	*	*	*	1.0
63	-	*	*	*	*	*	*	*	*	*	*	*	*	*	0.2
Tinged:															
24	-	*	*	*	*	*	*	*	*	*	-	*	-	-	*
34	*	*	*	*	*	0.1	0.1	*	*	*	*	*	*	-	0.2
44	*	*	*	*	0.1	0.1	0.1	*	*	*	*	*	*	-	0.4
54	-	*	*	*	*	*	0.1	*	*	*	*	*	*	*	0.2
Stained:															
25	-	-	-	*	*	*	-	*	*	-	-	-	-	-	*
35	-	*	*	*	*	*	*	*	*	*	-	*	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
36	-	-	*	*	*	*	*	*	*	*	*	*	-	*	*
46	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
37	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
47	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Below Grade 2/	*	*	*	*	*	*	0.1	*	*	*	*	*	*	*	0.2
All grades	*	0.1	0.4	1.5	5.7	13.8	26.5	24.7	17.7	6.6	2.5	0.4	0.1	*	100.0

Mike	: 26 and below :	27-29 :	30-32 :	33-34 :	35-49 :	50-52 :	53 and above:	Average mike
Percent	3.4	8.4	14.7	12.2	59.7	1.2	0.2	37

Fiber strength	1/8" gage (grams per tex)										Average strength
	: 17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and above :		
Percent	0.1	0.4	2.6	13.3	31.7	31.1	15.0	4.8	1.1	25.7	

1/ Ginnings, Bureau of the Census, 4,500,050 running bales. Average staple..... 33.6
 2/ Lower in grade than the lowest grades of the official standards. Percent tenderable..... 34.7
 * Less than 0.05 percent. Percent Average Rule Used (ARU)... 4.4
 Percent grade reductions..... 19.9

Table 8. -- Percentage distribution of grade and staple for upland cotton classed through specified periods, by states, 1987 crop

Grade and Staple	ALABAMA					ARIZONA				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	0.1	*	*	*	*	2.2	0.5	0.3	0.2	0.2
21	4.0	1.6	1.4	1.4	1.4	54.5	33.2	19.6	14.4	13.5
30	0.1	*	*	*	*	0.6	0.2	0.1	0.1	0.1
31	22.2	22.4	23.7	24.0	24.1	35.2	53.6	46.8	37.3	35.1
40	3.7	3.4	3.5	3.5	3.5	0.7	1.0	0.7	0.5	0.5
41	42.6	47.0	45.1	44.3	44.2	3.7	5.3	15.5	24.6	25.2
50	2.5	3.4	3.2	3.2	3.2	*	0.1	0.2	0.2	0.2
51	1.8	3.6	4.3	4.6	4.6	0.1	0.3	2.6	5.3	5.8
60	*	*	*	*	*	-	*	*	*	*
61	0.1	0.2	0.3	0.3	0.3	*	*	0.2	0.8	1.2
70	*	*	*	*	*	-	-	-	-	-
71	*	*	*	*	*	*	*	*	0.2	0.3
Total	77.1	81.6	81.5	81.3	81.3	97.0	94.2	86.0	83.6	82.1
Light Spotted:										
12	-	*	*	*	*	-	*	*	*	*
22	0.1	*	*	*	*	0.2	0.4	0.5	0.4	0.4
32	5.5	3.6	3.6	3.6	3.6	1.3	3.6	5.1	4.2	4.0
42	15.3	12.4	12.0	11.9	11.9	0.8	1.0	2.4	2.5	2.7
52	1.3	1.6	1.9	2.0	2.0	0.4	0.3	0.7	1.1	1.4
62	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.3	1.1	1.8
Total	22.3	17.7	17.7	17.7	17.7	2.8	5.4	9.0	9.3	10.3
Spotted:										
13	*	*	*	*	*	-	-	-	-	-
23	*	*	*	*	*	*	*	0.1	0.1	0.1
33	0.2	0.1	0.1	0.1	0.1	*	*	0.2	0.2	0.2
43	0.4	0.3	0.3	0.3	0.3	*	*	0.1	0.2	0.2
53	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1
63	*	*	*	*	*	*	*	0.1	0.2	0.2
Total	0.7	0.5	0.5	0.5	0.5	0.1	*	0.6	0.8	0.8
Tinged:										
24	-	-	-	-	-	-	-	*	*	*
34	*	*	*	*	*	-	*	*	*	*
44	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	-	*	*	*	*
Total	*	*	*	*	*	*	*	*	*	*
Stained:										
All grades	*	*	*	*	*	-	-	-	-	-
Light Gray:										
All grades	*	*	*	*	*	0.1	0.1	4.1	5.2	5.1
Gray:										
All grades	*	*	*	*	*	*	*	0.4	0.5	0.5
Below Grade 1/										
All grades	*	*	*	*	*	-	*	0.1	0.7	1.4
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	*	*	*	*	*	*	*	*	*	*
28	-	-	-	-	-	*	*	*	*	*
29	*	*	*	*	*	*	*	*	*	*
30	0.1	*	*	*	*	*	*	*	*	*
31	0.9	0.8	0.7	0.7	0.7	*	*	*	*	*
32	6.0	4.6	4.4	4.3	4.3	0.1	*	*	0.1	0.2
33	25.5	18.3	17.4	16.9	16.9	0.8	0.2	0.3	0.8	1.1
34	44.4	41.4	38.7	37.9	37.8	8.0	2.9	3.0	4.9	6.2
35	17.8	23.2	24.2	24.6	24.6	42.2	34.0	36.0	38.9	38.9
36	4.4	8.8	10.6	11.3	11.4	40.8	56.6	54.7	50.2	48.7
37	0.8	2.8	3.7	3.9	3.9	8.2	6.1	5.7	4.8	4.6
38	*	0.2	0.3	0.3	0.3	-	0.1	0.3	0.2	0.2
39	-	*	*	*	*	-	*	*	*	*
40 & longer	-	-	-	-	-	-	-	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	33.9	34.2	34.3	34.3	34.3	35.5	35.1	35.6	35.5	35.5
Ginnings 2/	140,562	335,176	376,582	385,099	386,280	41,257	321,445	605,111	760,088	796,377

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	ARKANSAS					CALIFORNIA				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	-	-	-	-	-	2.0	0.2	0.1	0.1	0.1
21	1.0	0.4	0.4	0.4	0.4	56.4	20.0	13.0	12.0	11.8
30	0.1	*	*	*	*	0.9	0.2	0.1	0.1	0.1
31	15.6	11.4	10.9	10.8	10.8	36.1	64.2	45.6	40.5	40.1
40	4.3	2.5	2.2	2.2	2.2	0.3	2.1	1.8	1.7	1.7
41	45.6	48.4	47.6	47.3	47.3	2.5	9.9	18.7	19.1	19.3
50	7.2	7.5	7.2	7.1	7.1	-	0.1	0.4	0.4	0.4
51	7.5	11.3	12.2	12.2	12.2	*	0.4	8.0	9.8	9.8
60	*	0.1	0.1	0.1	0.1	-	*	0.1	0.1	0.1
61	0.1	0.2	0.4	0.4	0.4	-	*	0.7	1.0	1.0
70	-	*	*	*	*	-	-	*	*	*
71	*	*	*	*	*	-	*	*	0.1	0.1
Total	81.4	81.8	81.0	80.5	80.5	98.2	97.1	88.5	84.9	84.5
Light Spotted:										
12	-	-	-	-	-	-	*	*	*	*
22	*	*	*	*	*	0.2	0.1	0.2	0.2	0.2
32	3.8	2.9	2.7	2.7	2.7	1.3	1.4	2.5	2.9	2.9
42	12.7	12.1	12.2	12.3	12.3	0.2	1.0	3.6	4.0	4.1
52	2.0	2.8	3.5	3.7	3.7	*	0.1	1.5	1.8	1.8
62	*	0.1	0.3	0.3	0.3	-	*	0.3	0.5	0.5
Total	18.5	17.9	18.7	19.0	19.0	1.7	2.6	8.1	9.4	9.5
Spotted:										
13	-	*	*	*	*	-	*	*	*	*
23	*	*	*	*	*	-	*	*	0.1	0.1
33	*	*	*	*	*	*	*	0.3	0.4	0.4
43	0.1	0.1	0.1	0.2	0.2	*	*	0.3	0.5	0.6
53	*	*	0.1	0.1	0.1	*	*	0.2	0.3	0.3
63	*	*	*	*	*	-	*	0.1	0.2	0.2
Total	0.1	0.1	0.2	0.3	0.3	*	*	0.9	1.5	1.6
Tinged:										
24	-	-	-	-	-	-	-	*	*	*
34	-	*	*	*	*	-	*	*	*	*
44	*	*	*	*	*	*	*	*	0.1	0.1
54	*	*	*	*	*	-	*	*	*	*
Total	*	*	*	*	*	*	*	*	0.1	0.1
Stained:										
All grades	*	*	*	*	*	-	*	*	*	*
Light Gray:										
All grades	*	*	*	*	*	*	0.3	2.1	3.6	3.6
Gray:										
All grades	*	*	*	*	*	-	*	0.2	0.3	0.3
Below Grade 1/	*	*	*	*	*	*	*	0.2	0.3	0.3
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	*	-	-	-	-	-	*	*	*	*
28	-	-	-	-	-	-	-	-	*	*
29	-	-	-	-	-	-	-	-	*	*
30	-	*	*	*	*	-	*	*	*	*
31	*	*	*	*	*	*	*	*	*	*
32	0.2	0.1	0.1	0.1	0.1	-	*	*	*	*
33	1.6	1.3	1.2	1.2	1.2	*	*	*	*	*
34	13.9	13.8	12.6	12.5	12.5	0.1	0.3	0.6	0.8	0.8
35	59.1	59.5	59.1	59.0	59.0	6.5	24.2	28.9	30.7	31.2
36	23.0	23.4	24.9	25.0	25.0	63.3	71.5	67.5	65.9	65.3
37	2.1	1.8	2.0	2.1	2.1	30.1	4.0	3.0	2.6	2.6
38	0.1	*	*	0.1	0.1	*	*	*	*	*
39	*	*	*	*	*	*	*	*	*	*
40 & longer	*	*	*	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.1	35.1	35.1	35.1	35.1	36.2	35.8	35.7	35.7	35.7
Ginnings 2/	424,823	820,790	879,692	883,870	884,654	46,471	1,263,081	2,434,813	2,861,539	2,916,894

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	GEORGIA					LOUISIANA				
	Prior to				Crep	Prior to				Crep
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	-	*	*	*	*	*	*	*	*	*
21	+	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2
30	-	-	*	*	*	*	*	*	*	*
31	12.4	23.9	31.2	28.6	28.4	19.0	17.4	17.2	17.1	17.1
40	0.1	0.5	1.3	1.4	1.4	2.3	1.3	1.2	1.2	1.2
41	37.4	46.9	44.6	42.3	42.0	59.1	55.8	54.2	53.9	53.9
50	0.4	1.0	1.4	1.3	1.3	2.5	2.7	2.6	2.5	2.5
51	5.2	6.8	6.9	7.4	7.5	2.8	5.1	5.6	5.7	5.7
60	-	*	*	*	*	*	*	*	*	*
61	0.1	0.3	0.4	0.6	0.6	*	0.1	0.2	0.2	0.2
70	-	-	-	-	-	-	-	-	-	-
71	+	*	*	*	*	-	*	*	*	*
Total	55.6	79.5	86.0	81.9	81.5	80.0	82.6	81.2	80.8	80.8
Light Spotted:										
12	-	-	-	*	*	-	-	-	-	-
22	+	*	*	*	*	*	*	*	*	*
32	11.5	5.6	3.9	3.9	4.0	3.9	3.0	2.9	2.9	2.9
42	26.8	12.0	8.1	10.1	10.1	14.3	12.1	12.8	12.9	12.9
52	4.8	2.4	1.6	3.0	3.1	1.3	1.8	2.5	2.6	2.6
62	0.3	0.2	0.2	0.5	0.5	*	0.1	0.3	0.3	0.3
Total	43.4	20.2	13.8	17.5	17.7	19.5	17.0	18.5	18.7	18.7
Spotted:										
13	-	*	*	*	*	*	*	*	*	*
23	-	*	*	*	*	*	*	*	*	*
33	*	*	*	*	0.1	*	*	*	*	*
43	0.6	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2
53	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
63	*	*	*	*	*	*	*	*	*	*
Total	0.9	0.2	0.2	0.3	0.4	0.3	0.2	0.2	0.3	0.3
Tinged:										
24	-	-	-	-	-	*	*	*	*	*
34	*	*	*	*	*	*	*	*	*	*
44	*	*	*	0.1	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*
Total	*	*	*	0.1	*	*	*	*	*	*
Stained:										
All grades	-	-	-	-	-	-	*	*	*	*
Light Gray:										
All grades	*	*	*	0.0	0.1	*	*	*	*	*
Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Below Grade 1/	*	*	*	0.0	0.1	*	*	*	*	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	-	-	-	-	-
28	*	*	*	*	*	*	*	*	*	*
29	-	-	-	-	*	*	*	*	*	*
30	-	*	*	*	*	*	*	*	*	*
31	0.3	0.2	0.2	0.2	0.2	0.1	*	*	*	*
32	2.9	1.9	1.6	1.5	1.5	0.7	0.3	0.3	0.3	0.3
33	8.7	7.6	6.9	6.6	6.7	3.6	1.9	1.6	1.6	1.6
34	19.3	22.1	20.9	20.4	20.4	23.5	18.4	17.9	17.8	17.9
35	29.9	34.8	34.0	33.8	33.7	56.2	62.9	64.0	63.9	63.9
36	25.7	23.9	25.7	26.2	26.2	15.0	14.9	14.7	14.9	14.9
37	11.7	8.7	9.9	10.5	10.5	0.9	1.5	1.4	1.4	1.4
38	1.3	0.7	0.7	0.8	0.8	*	0.1	0.1	0.1	0.1
39	0.2	0.1	0.1	0.1	0.1	*	*	*	*	*
40 & longer	*	*	*	*	*	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.1	35.0	35.1	35.1	35.1	34.8	34.9	35.0	35.0	35.0
Ginnings 2/	34,384	198,846	303,309	331,700	333,722	377,142	898,718	977,957	979,526	980,535

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	MISSISSIPPI					MISSOURI				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	*	*	*	*	*	-	-	-	-	-
21	2.1	1.2	1.1	1.1	1.1	2.1	1.2	1.3	1.3	1.3
30	*	*	*	*	*	*	*	*	*	*
31	25.5	20.5	19.9	19.7	19.7	27.3	16.5	17.9	17.9	17.9
40	3.8	2.5	2.4	2.3	2.3	3.3	1.9	1.8	1.8	1.8
41	43.4	47.6	47.0	46.8	46.8	43.9	46.4	47.5	47.5	47.5
50	4.3	3.8	3.6	3.6	3.6	5.4	5.2	5.1	5.1	5.1
51	6.5	9.4	9.7	9.8	9.8	8.1	12.7	13.4	13.5	13.5
60	*	*	*	*	*	0.1	0.1	0.1	0.1	0.1
61	0.2	0.3	0.5	0.5	0.5	0.1	0.2	0.4	0.4	0.4
70	*	*	*	*	*	-	-	-	-	-
71	*	*	*	*	*	*	*	*	*	*
Total	65.8	65.3	64.2	63.8	63.8	90.3	88.2	87.5	87.6	87.6
Light Spotted:										
12	*	*	*	*	*	-	-	-	-	-
22	*	*	*	*	*	*	*	*	*	*
32	2.8	2.2	2.2	2.2	2.2	2.3	1.9	1.9	1.9	1.9
42	9.3	9.1	9.5	9.6	9.6	5.8	7.0	7.1	7.1	7.1
52	1.8	2.7	3.2	3.3	3.3	1.3	2.3	2.8	2.8	2.8
62	0.1	0.3	0.4	0.4	0.4	*	0.1	0.2	0.2	0.2
Total	14.0	14.3	15.3	15.5	15.5	9.4	11.3	12.0	12.0	12.0
Spotted:										
13	*	*	*	*	*	-	-	-	-	-
23	*	*	*	*	*	*	*	*	*	*
33	*	*	*	*	*	0.1	*	*	*	*
43	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
53	*	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
63	*	*	*	*	*	*	*	*	*	*
Total	0.1	0.1	0.2	0.2	0.2	0.4	0.3	0.3	0.3	0.3
Tinged:										
24	-	*	*	*	*	-	-	-	-	-
34	*	*	*	*	*	-	*	*	*	*
44	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	-	*	*	*	*
Total	*	*	*	*	*	*	*	*	*	*
Stained:										
All grades	*	*	*	*	*	-	-	-	-	-
Light Gray:										
All grades	*	0.1	0.1	0.1	0.1	*	*	*	*	*
Gray:										
All grades	*	*	*	*	*	-	*	*	*	*
Below Grade 1/	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	*	*	*	*	-	*	*	*	*
30	*	*	*	*	*	-	-	*	*	*
31	0.1	0.1	0.1	0.1	0.1	*	*	*	*	*
32	0.5	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2
33	5.9	3.0	2.8	2.8	2.8	1.6	1.9	2.0	2.0	2.0
34	37	33.1	31.3	31.1	31.1	12.5	14.1	14.0	14.0	14.0
35	49.6	55.7	56.6	56.4	56.4	58.6	61.8	61.5	61.4	61.5
36	6.4	7.1	8.0	8.4	8.4	24.0	19.6	19.7	19.8	19.8
37	0.5	0.7	0.8	0.8	0.8	2.9	2.4	2.5	2.5	2.5
38	*	*	*	*	*	0.1	*	*	*	*
39	-	*	*	*	*	*	*	*	*	*
40 & longer	*	*	*	*	*	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.6	34.7	34.7	34.7	34.7	35.1	35.1	35.1	35.1	35.1
Ginnings 2/	768,826	1,544,932	1,674,206	1,683,387	1,696,676	202,516	311,695	320,820	320,956	320,972

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	NEW MEXICO					NORTH CAROLINA				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	-	0.1	*	*	*	-	-	-	-	-
21	-	7.0	4.7	3.2	2.9	-	*	*	*	*
30	-	1.2	0.5	0.3	0.3	-	-	-	-	-
31	-	47.7	45.1	37.8	35.1	4.3	4.3	5.9	5.6	5.6
40	-	4.1	3.0	2.4	2.2	-	0.1	0.2	0.2	0.2
41	-	23.0	23.7	24.5	23.6	12.6	46.5	46.6	45.8	45.8
50	-	0.6	0.9	0.9	0.9	0.6	3.9	4.3	4.2	4.2
51	-	1.2	3.8	5.0	5.6	3.0	10.2	12.1	13.2	13.2
60	-	-	*	*	*	-	0.1	0.4	0.4	0.4
61	-	*	0.4	0.5	0.5	-	0.4	0.6	0.8	0.8
70	-	-	-	-	*	-	-	*	*	*
71	-	-	*	0.1	0.1	-	*	*	*	*
Total	-	84.9	82.1	74.7	71.2	20.5	65.5	70.1	70.2	70.2
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	0.3	0.1	0.1	0.1	-	-	-	-	-
32	-	7.5	8.6	8.6	8.7	3.6	1.2	1.2	1.1	1.1
42	-	6.1	7.2	11.1	11.8	46.8	24.4	19.9	19.0	19.0
52	-	0.9	1.6	3.4	4.1	24.6	7.8	7.5	7.9	7.9
62	-	*	0.2	0.6	0.7	0.9	0.3	0.7	0.9	0.9
Total	-	14.8	17.7	23.8	25.4	75.9	33.7	29.3	28.9	28.9
Spotted:										
13	-	-	*	*	*	-	-	-	-	-
23	-	0.1	*	*	*	-	-	-	-	-
33	-	0.3	0.1	0.3	0.7	-	*	*	*	*
43	-	0.1	0.1	0.7	1.4	1.8	0.4	0.3	0.3	0.3
53	-	*	*	0.3	0.7	1.1	0.2	0.2	0.2	0.2
63	-	*	*	0.1	0.1	0.4	0.1	0.1	0.1	0.1
Total	-	0.5	0.2	1.4	2.9	3.3	0.7	0.6	0.6	0.6
Tinged:										
24	-	*	*	*	*	-	*	*	*	*
34	-	-	*	*	*	*	*	*	*	*
44	-	-	-	*	0.1	-	-	*	*	*
54	-	-	-	*	*	*	*	*	*	*
Total	-	*	*	*	0.1	*	*	*	*	*
Stained:										
All grades	-	-	-	-	*	-	*	*	*	*
Light Gray:										
All grades	-	*	*	*	*	-	*	*	*	*
Gray:										
All grades	-	-	-	-	-	0.1	*	*	*	*
Below Grade 1/										
All grades	-	-	*	0.1	0.2	*	*	*	0.1	0.1
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	*	*	-	-	-	-	-
28	-	-	-	*	*	-	-	-	-	-
29	-	-	*	0.1	0.1	-	-	-	-	-
30	-	0.1	0.1	0.3	0.3	-	-	-	*	*
31	-	1.1	1.0	1.2	1.5	*	*	*	*	*
32	-	1.3	2.7	3.7	4.5	0.5	0.1	0.1	0.2	0.2
33	-	0.3	3.8	8.3	10.0	1.9	1.6	1.6	2.5	2.5
34	-	0.7	2.3	6.7	7.8	10.0	18.3	18.3	20.6	20.6
35	-	3.5	5.8	9.1	9.7	34.7	48.3	48.3	47.1	47.1
36	-	10.5	13.0	14.4	14.0	50.8	29.0	29.0	26.2	26.2
37	-	32.6	33.4	29.9	27.8	2.0	2.6	2.6	3.2	3.2
38	-	40.5	31.5	22.1	20.3	-	0.1	0.1	0.1	0.1
39	-	8.3	5.5	3.6	3.3	-	-	-	-	-
40 & longer	-	1.1	0.9	0.6	0.5	-	-	-	-	-
All staples	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	-	37.3	36.8	36.2	36.0	35.4	35.1	35.1	35.1	35.1
Ginnings 2/	(D)	23,340	59,196	72,540	77,566	6,026	61,091	(D)	95,437	95,464

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	OKLAHOMA					SOUTH CAROLINA				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	-	-	-	-	-	-	-	-	-	-
21	-	2.5	1.1	0.8	0.6	-	*	*	*	*
30	-	*	*	*	*	-	-	-	-	-
31	-	28.0	17.2	9.6	7.5	1.2	2.9	3.6	3.5	3.5
40	-	3.7	0.7	0.3	0.3	*	*	*	*	*
41	-	21.7	19.6	11.1	8.9	8.4	23.8	24.5	24.0	24.0
50	-	3.2	0.8	0.5	0.4	1.1	1.1	1.0	1.0	1.0
51	-	8.8	13.5	8.2	6.8	3.2	3.8	4.2	4.4	4.4
60	-	*	*	*	*	-	*	*	0.1	*
61	-	1.2	2.5	1.6	1.4	*	0.1	0.1	0.2	0.2
70	-	-	-	-	-	-	-	-	-	*
71	-	-	0.1	0.1	0.1	*	*	*	*	*
Total	-	69.1	55.5	32.2	26.0	13.9	31.7	33.4	33.2	33.1
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	0.5	0.1	0.2	0.2	-	-	*	*	*
32	-	13.3	10.8	14.5	12.2	2.1	1.6	1.6	1.7	1.7
42	-	10.4	17.2	22.7	20.7	50.3	45.0	42.4	41.9	41.8
52	-	4.8	12.2	16.6	17.1	29.1	17.7	17.9	18.2	18.3
62	-	0.9	2.0	3.8	4.3	0.4	0.4	0.7	1.0	1.0
Total	-	29.9	42.3	57.8	54.5	81.9	64.7	62.6	62.8	62.8
Spotted:										
13	-	-	-	-	-	-	-	-	-	-
23	-	0.1	*	*	*	-	*	*	*	*
33	-	0.2	0.3	1.4	1.5	*	*	0.1	0.1	0.1
43	-	0.3	0.7	3.3	4.6	1.3	1.2	1.2	1.2	1.2
53	-	0.2	0.5	3.0	6.5	2.6	2.2	2.4	2.4	2.5
63	-	*	0.1	0.7	2.1	0.2	0.2	0.2	0.3	0.3
Total	-	0.8	1.6	8.4	14.7	4.1	3.6	3.9	4.0	4.1
Tinged:										
24	-	-	-	*	*	-	-	-	-	-
34	-	-	-	0.1	0.1	-	*	*	*	*
44	-	-	*	0.2	0.5	-	*	*	*	*
54	-	-	*	0.3	1.7	-	*	*	*	*
Total	-	-	*	0.6	2.3	-	*	*	*	*
Stained:										
All grades	-	-	-	*	*	-	-	-	-	-
Light Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Gray:										
All grades	-	*	*	*	*	-	*	*	*	*
Below Grade 1/										
All grades	-	0.1	0.4	1.0	2.5	*	*	*	0.1	0.1
All grades	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	*	*	-	-	-	-	-
28	-	*	*	*	*	-	-	-	-	-
29	-	0.1	*	*	*	-	*	*	*	*
30	-	0.2	0.2	0.2	0.2	-	*	*	*	*
31	-	1.2	2.1	1.8	1.7	0.1	0.1	0.1	0.1	0.1
32	-	2.2	6.5	6.4	6.3	0.3	0.4	0.5	0.4	0.5
33	-	8.2	19.1	22.4	23.0	5.1	2.9	3.1	3.1	3.1
34	-	11.3	22.0	28.4	29.0	15.0	14.8	15.8	15.7	15.8
35	-	13.8	18.2	21.6	22.6	44.6	49.9	49.0	48.3	48.2
36	-	12.3	9.4	7.8	7.7	33.2	29.6	28.8	29.2	29.2
37	-	23.0	12.7	7.4	6.2	1.8	2.1	2.7	3.1	3.1
38	-	20.1	7.6	3.2	2.6	*	*	0.1	0.1	0.1
39	-	7.0	1.9	0.7	0.5	-	-	-	-	-
40 & longer	-	0.5	0.1	0.1	*	-	-	-	-	-
All staples	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	-	36.1	34.8	34.3	34.3	35.1	35.1	35.1	35.1	35.1
Ginnings 2/	78	(D)	152,766	289,730	334,995	23,908	82,514	96,879	100,103	100,624

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	TENNESSEE					TEXAS				
	Prior to				Crop	Prior to				Crop
	Oct. 1	Nov. 1	Dec. 1	Jan. 1		Oct. 1	Nov. 1	Dec. 1	Jan. 1	
GRADE										
White:										
11	*	*	*	*	*	-	*	*	*	*
21	0.3	0.2	0.2	0.2	0.2	1.4	2.3	5.1	3.4	2.7
30	-	-	*	*	*	*	0.1	0.1	*	*
31	16.4	12.7	11.9	11.9	11.9	24.1	23.2	26.7	22.8	19.3
40	1.4	0.9	0.8	0.8	0.8	4.7	4.1	3.5	2.2	1.8
41	36.3	41.2	39.9	39.6	39.6	32.6	31.2	28.3	22.4	19.4
50	5.0	5.7	5.6	5.5	5.5	1.3	1.2	1.1	0.8	0.7
51	6.4	10.7	11.5	11.5	11.5	11.5	10.8	9.4	7.1	6.3
60	*	0.1	0.1	0.1	0.1	*	*	*	*	*
61	0.2	0.3	0.6	0.7	0.7	2.4	2.2	1.7	1.1	0.9
70	-	-	*	*	*	*	*	*	*	*
71	*	*	*	*	*	0.2	0.2	0.1	0.1	0.1
Total	66.0	71.8	70.6	70.3	70.3	78.2	75.3	76.0	59.9	51.2
Light Spotted:										
12	*	*	*	*	*	-	-	*	*	*
22	*	*	*	*	*	0.2	0.3	0.6	1.0	1.0
32	11.7	8.4	8.1	8.0	8.0	4.2	4.9	7.1	16.2	18.1
42	18.2	15.3	15.6	15.6	15.7	9.6	11.0	9.9	14.0	16.7
52	3.1	3.5	4.2	4.4	4.4	5.3	5.8	4.6	4.7	5.6
62	0.1	0.2	0.4	0.4	0.4	0.9	1.0	0.7	0.6	0.6
Total	33.1	27.4	28.3	28.4	28.5	20.2	23.0	22.9	36.5	42.0
Spotted:										
13	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	0.1	0.2
33	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.3	2.1
43	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.4	1.2	2.3
53	0.1	0.1	0.2	0.2	0.2	0.5	0.5	0.3	0.5	1.0
63	*	*	*	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Total	0.7	0.7	0.9	1.1	1.1	1.4	1.4	1.0	3.2	5.8
Tinged:										
24	-	-	-	-	-	*	*	*	*	*
34	*	*	*	*	*	*	*	*	0.1	0.2
44	*	*	*	*	*	*	*	*	0.1	0.4
54	*	*	*	*	*	*	*	*	*	0.2
Total	*	*	*	*	*	*	*	*	0.2	0.8
Stained:										
All grades	*	*	*	*	*	*	*	*	*	*
Light Gray:										
All grades	*	*	*	*	*	*	*	*	*	*
Gray:										
All grades	*	*	*	*	*	*	*	*	*	*
Below Grade 1/	*	*	*	0.1	0.1	0.1	0.1	0.1	0.1	0.2
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	*	*	*	*	*
28	-	-	-	-	-	*	*	0.1	0.1	0.1
29	-	-	-	-	-	*	0.2	0.4	0.4	0.4
30	-	-	-	-	-	0.3	0.8	1.5	1.6	1.5
31	*	*	*	*	*	2.2	3.7	5.4	5.5	5.7
32	*	*	*	*	*	7.9	9.1	12.3	13.1	13.8
33	1.5	1.2	1.2	1.2	1.2	21.2	20.6	23.6	25.8	26.5
34	27.2	28.7	30.1	30.2	30.2	27.7	25.2	23.9	24.8	24.7
35	61.6	63.0	61.9	61.7	61.7	27.3	26.7	21.1	18.5	17.7
36	9.7	7.1	6.7	6.8	6.8	10.2	10.3	8.1	7.0	6.6
37	0.1	0.1	0.1	0.1	0.1	3.1	3.2	3.0	2.7	2.5
38	-	*	*	*	*	0.2	0.3	0.4	0.5	0.4
39	-	-	-	-	-	*	*	*	0.1	0.1
40 & longer	-	-	-	-	-	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.8	34.8	34.7	34.7	34.7	34.1	34.0	33.7	33.7	33.6
Ginnings 2/	274,675	550,275	627,358	631,487	631,851	853,231	1,042,558	2,317,107	3,643,175	4,500,050

1/ Lower in grade than the lowest grades of the official standards.

2/ As reported by the Bureau of the Census, running bales.

* Less than 0.05 percent.

Table 9. -- Percentage distribution of grade and staple for upland cotton classed by classing offices, 1987 crop

Grade and Staple	ABILENE		ALTUS		Classing Office Total 1/	BAKERSFIELD		BIRMINGHAM		CORPUS CHRISTI	
	Texas	Oklahoma	Texas	Texas		California	Alabama 2/	Texas			
GRADE											
White:											
11	*	-	-	-	0.1	*	-				
21	7.2	0.6	0.4	0.5	17.3	1.4	1.5				
30	*	*	*	*	0.1	*	-				
31	27.4	7.5	9.1	8.3	39.2	23.3	21.4				
40	0.6	0.3	0.6	0.4	0.8	3.6	0.3				
41	8.7	8.9	12.3	10.5	14.5	44.3	29.7				
50	0.1	0.4	0.6	0.5	0.1	3.4	0.2				
51	1.3	6.8	6.2	6.5	9.2	5.2	14.7				
60	*	*	*	*	*	*	*				
61	0.1	1.4	0.7	1.1	1.4	0.4	2.0				
70	-	-	-	-	*	*	-				
71	*	*	*	0.1	0.2	*	0.1				
Total	45.4	25.9	29.9	27.9	82.9	81.6	69.9				
Light Spotted:											
12	*	-	-	-	*	*	-				
22	1.6	0.2	1.2	0.6	0.4	*	0.1				
32	28.2	12.2	20.7	16.3	3.7	3.5	5.7				
42	14.5	20.7	24.7	22.6	4.1	11.8	12.4				
52	3.2	17.1	10.6	14.0	2.1	2.2	7.7				
62	0.3	4.3	1.2	2.8	0.6	0.2	1.0				
Total	45.8	54.5	58.4	56.3	10.9	17.7	26.9				
Spotted:											
13	-	-	-	-	*	*	*				
23	0.2	*	0.2	0.1	0.1	*	*				
33	2.5	1.5	2.5	2.0	0.5	0.1	0.5				
43	3.0	4.6	4.4	4.5	0.5	0.3	1.4				
53	1.2	6.5	2.5	4.6	0.3	0.1	1.0				
63	0.2	2.1	0.4	1.3	0.2	*	0.1				
Total	7.1	14.7	10.0	12.5	1.6	0.5	3.0				
Tinged:											
24	*	*	*	*	*	-	-				
34	0.2	0.1	0.2	0.2	0.1	*	*				
44	0.5	0.5	0.6	0.5	0.1	*	*				
54	0.4	1.7	0.5	1.2	*	*	0.1				
Total	1.1	2.3	1.3	1.9	0.2	*	0.1				
Stained:											
All grades	*	*	*	*	*	*	-				
Light Gray:											
All grades	*	*	-	*	3.9	*	*				
Gray:											
All grades	*	*	-	*	0.3	*	*				
Below Grade 3/	0.3	2.4	0.2	1.4	0.3	*	0.2				
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
STAPLE											
26 & shorter	*	*	-	*	-	*	-				
28	*	*	*	*	-	-	*				
29	0.1	*	0.1	0.1	-	*	0.1				
30	0.7	0.2	0.5	0.4	-	*	0.4				
31	3.9	1.7	3.1	2.4	-	0.7	3.2				
32	11.8	6.3	10.9	8.5	*	3.9	11.5				
33	30.9	23.0	35.6	29.0	*	15.6	31.0				
34	29.9	29.0	29.7	29.3	1.2	35.5	29.5				
35	18.2	22.6	15.3	19.1	38.8	26.5	17.1				
36	3.7	7.7	3.8	5.9	59.4	13.4	5.2				
37	0.7	6.2	1.0	3.8	0.7	4.0	1.8				
38	*	2.6	*	1.4	*	0.3	0.1				
39	*	0.5	*	0.3	-	*	-				
40 & longer	*	*	-	*	-	-	-				
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
Average staple	33.6	34.3	33.6	33.9	35.6	34.4	33.7				

1/ Includes Kansas. 2/ Includes Florida. 3/ Lower in grade than the lowest grades of the official standards.
* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	EL CENTRO			EL PASO			
	Arizona	California	Classing Office Total	Arizona	New Mexico	Texas	Classing Office Total
GRADE							
White:							
11	1.2	0.5	0.8	*	*	*	*
21	27.4	15.6	20.2	21.2	3.6	20.9	12.8
30	0.2	0.1	0.2	0.2	0.4	0.3	0.4
31	31.1	25.4	27.6	48.7	42.4	42.8	44.4
40	*	0.1	0.1	0.4	2.3	0.4	1.3
41	16.2	21.9	19.7	5.6	24.2	5.8	14.4
50	*	*	*	0.1	0.5	*	0.3
51	4.8	7.8	6.7	0.5	3.3	0.5	1.8
60	-	-	-	-	*	-	*
61	0.9	1.1	1.0	0.4	0.3	0.1	0.3
70	-	-	-	-	-	-	-
71	0.1	*	0.1	0.1	0.1	*	0.1
Total	81.9	72.5	76.4	77.2	77.1	70.8	75.8
Light Spotted:							
12	0.1	*	*	-	-	*	*
22	0.4	0.5	0.5	2.1	0.1	1.0	0.9
32	4.1	3.7	3.8	12.8	9.2	12.6	11.0
42	3.0	6.2	4.9	3.8	9.1	5.6	6.7
52	2.0	2.7	2.4	1.1	2.1	0.7	1.5
62	2.2	1.5	1.8	1.0	0.6	0.1	0.6
Total	11.8	14.6	13.4	20.6	21.1	20.0	20.7
Spotted:							
13	-	-	-	-	*	*	*
23	*	0.1	0.1	0.1	*	0.3	0.1
33	0.2	0.2	0.2	0.4	0.3	5.6	1.6
43	0.3	0.2	0.3	0.6	0.6	1.9	0.9
53	0.4	0.2	0.3	0.5	0.3	0.4	0.4
63	0.3	0.2	0.3	0.3	0.2	0.1	0.2
Total	1.2	0.9	1.2	1.9	1.4	8.3	3.2
Tinged:							
24	-	-	-	*	-	*	*
34	*	*	*	*	*	0.4	0.1
44	*	*	*	0.1	*	0.1	0.1
54	*	*	*	0.1	*	-	*
Total	*	*	*	0.2	*	0.5	0.2
Stained:							
All grades	-	*	*	-	-	*	*
Light Gray:							
All grades	4.5	11.2	8.6	-	*	0.2	*
Gray:							
All grades	*	0.2	0.2	-	-	-	-
Below Grade 1/	0.4	0.2	0.2	0.1	0.1	*	0.1
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
STAPLE							
26 & shorter	*	*	*	-	-	-	-
28	*	*	*	-	-	-	-
29	*	*	*	-	*	-	*
30	0.1	*	*	*	*	*	*
31	0.1	*	*	*	0.1	0.2	0.1
32	0.2	0.1	0.1	0.7	0.7	1.1	0.8
33	0.8	0.4	0.6	3.9	5.1	7.4	5.3
34	4.7	3.7	4.1	6.4	5.4	18.6	8.8
35	24.6	23.0	23.6	19.1	9.2	37.4	18.7
36	59.6	53.3	55.8	43.2	16.2	24.6	26.2
37	9.9	19.3	15.6	23.1	33.8	9.6	25.0
38	0.1	0.2	0.1	3.4	24.7	1.1	12.9
39	*	*	*	0.1	4.0	*	1.9
40 & longer	-	-	-	*	0.6	*	0.3
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.7	35.9	35.8	35.8	36.6	35.1	36.0

1/ Lower in grade than the lowest grades of the official standards.
 * Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	FLORENCE			Classing Office Total	FRESNO		GREENWOOD		HARLINGEN	
	North Carolina	South Carolina			California	Mississippi	Texas			
GRADE										
White:										
11	-	-	-	0.1	*	-				
21	*	*	*	7.7	1.9	1.3				
30	-	-	-	0.1	*	*				
31	5.6	3.5	4.5	42.1	20.7	28.5				
40	0.2	*	0.1	2.4	2.6	8.5				
41	45.6	24.0	34.8	22.3	47.1	35.4				
50	4.2	1.0	2.6	0.6	3.6	2.1				
51	13.2	4.4	8.8	10.5	9.0	10.3				
60	0.4	*	0.2	0.1	*	*				
61	0.8	0.2	0.5	0.8	0.3	3.0				
70	*	*	*	0.1	-	*				
71	*	*	*	*	*	0.3				
Total	70.2	33.1	51.5	86.8	84.6	89.4				
Light Spotted:										
12	-	-	-	*	*	-				
22	-	*	*	0.1	*	*				
32	1.1	1.7	1.4	2.4	1.8	1.6				
42	19.0	41.8	30.4	3.9	9.5	4.5				
52	7.9	18.3	13.1	1.6	3.2	2.7				
62	0.9	1.0	1.0	0.3	0.4	0.7				
Total	28.9	62.8	45.9	8.3	14.9	9.5				
Spotted:										
13	-	-	-	*	*	-				
23	-	*	*	*	*	*				
33	*	0.1	*	0.4	*	0.1				
43	0.3	1.2	0.8	0.7	0.1	0.2				
53	0.2	2.5	1.4	0.2	0.1	0.2				
63	0.1	0.3	0.2	0.1	*	0.1				
Total	0.6	4.1	2.4	1.4	0.2	0.6				
Tinged:										
24	*	-	*	-	*	*				
34	*	*	*	*	*	*				
44	*	*	*	0.1	*	*				
54	*	*	*	0.1	*	*				
Total	*	*	*	0.2	*	*				
Stained:										
All grades	*	-	*	*	*	*				
Light Gray:										
All grades	*	*	*	2.6	0.1	*				
Gray:										
All grades	*	*	*	0.4	*	*				
Below Grade 1/	0.1	*	*	0.2	*	*				
All grades	100.0	100.0	100.0	100.0	100.0	100.0				
STAPLE										
26 & shorter	-	-	-	*	-	*				
28	-	-	-	-	-	-				
29	-	*	*	-	*	*				
30	*	*	*	*	*	*				
31	*	0.1	*	*	0.1	0.5				
32	0.2	0.5	0.3	*	0.5	3.5				
33	2.5	3.1	2.8	*	3.0	14.2				
34	20.6	15.8	18.2	0.3	31.6	32.2				
35	47.1	48.2	47.7	26.8	55.5	37.2				
36	26.2	29.2	27.7	70.5	8.4	10.4				
37	3.2	3.1	3.2	2.4	1.0	1.9				
38	0.1	0.1	0.1	*	*	0.1				
39	-	-	-	*	*	*				
40 & longer	-	-	-	*	*	*				
All staples	100.0	100.0	100.0	100.0	100.0	100.0				
Average staple	35.1	35.1	35.1	35.8	34.7	34.4				

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	HAYTI				LAMESA			
	Arkansas	Missouri	Classing Office Total	New Mexico	Texas	Classing Office Total		
	:	:	:	:	:	:		
GRADE								
White:								
11	-	-	-	*	0.1	0.1		
21	0.3	1.3	0.8	0.1	4.6	4.6		
30	-	*	*	-	0.1	0.1		
31	8.7	17.9	13.2	4.1	23.2	22.9		
40	1.5	1.8	1.6	2.7	1.4	1.4		
41	49.3	47.5	48.4	22.5	9.3	9.5		
50	5.2	5.1	5.1	3.8	0.3	0.4		
51	17.3	13.5	15.4	10.3	1.4	1.5		
60	0.1	0.1	0.1	*	*	*		
61	0.4	0.4	0.4	1.1	0.2	0.2		
70	-	-	-	-	-	-		
71	*	*	*	0.1	*	*		
Total	82.8	87.6	85.0	44.7	40.6	40.7		
Light Spotted:								
12	-	-	-	-	*	*		
22	*	*	*	0.1	2.2	2.1		
32	1.6	1.9	1.7	8.6	26.5	26.3		
42	11.2	7.1	9.2	25.3	15.1	15.2		
52	3.8	2.8	3.3	9.8	3.5	3.6		
62	0.2	0.2	0.2	0.9	0.3	0.3		
Total	16.8	12.0	14.4	44.7	47.6	47.5		
Spotted:								
13	-	-	-	-	*	*		
23	*	*	*	0.3	0.8	0.8		
33	*	*	*	4.4	5.2	5.2		
43	0.2	0.2	0.2	4.2	3.2	3.3		
53	0.1	0.1	0.1	1.0	1.0	1.0		
63	*	*	*	0.1	0.1	0.1		
Total	0.3	0.3	0.3	10.0	10.3	10.4		
Tinged:								
24	-	-	-	*	*	*		
34	*	*	*	0.4	0.5	0.5		
44	*	*	*	0.2	0.5	0.4		
54	*	*	*	*	0.2	0.2		
Total	*	*	*	0.6	1.2	1.1		
Stained:								
All grades	-	-	-	*	0.1	0.1		
Light Gray:								
All grades	*	*	*	-	*	*		
Gray:								
All grades	*	*	*	-	-	-		
Below Grade 1/	*	*	*	*	0.1	0.1		
All grades	100.0	100.0	100.0	100.0	100.0	100.0		
STAPLE								
26 & shorter	-	-	-	-	*	*		
28	-	-	-	-	*	*		
29	-	*	*	*	0.3	0.3		
30	-	*	*	0.8	1.2	1.2		
31	*	*	*	8.7	5.8	5.9		
32	*	0.2	0.1	25.3	14.8	14.9		
33	0.6	2.0	1.3	35.1	29.3	29.4		
34	12.1	14.0	13.0	15.1	21.6	21.6		
35	66.4	61.5	63.9	10.1	13.5	13.4		
36	19.4	19.8	19.6	3.0	6.2	6.2		
37	1.5	2.5	2.0	1.1	5.4	5.3		
38	*	*	*	0.5	1.6	1.6		
39	*	*	*	0.1	0.2	0.2		
40 & longer	*	*	*	-	*	*		
All staples	100.0	100.0	100.0	100.0	100.0	100.0		
Average staple	35.1	35.1	35.1	35.1	33.7	33.7		

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	LITTLE ROCK		LUBBOCK		MACON	
	Arkansas	New Mexico	Texas	Classing Office Total	Georgia	
GRADE						
White:						
11	-	-	*	*	*	
21	0.4	-	0.9	0.9	0.3	
30	0.1	-	*	*	*	
31	11.7	1.2	14.2	14.2	28.4	
40	2.8	0.5	1.3	1.3	1.4	
41	46.0	18.9	22.5	22.5	42.0	
50	8.5	0.9	0.8	0.8	1.3	
51	8.9	21.3	7.6	7.7	7.5	
60	0.1	-	*	*	*	
61	0.4	2.1	0.8	0.8	0.6	
70	*	-	-	-	-	
71	*	0.1	*	*	*	
Total	78.9	45.0	48.1	48.2	81.5	
Light Spotted:						
12	-	-	*	*	*	
22	*	*	0.6	0.6	*	
32	3.4	3.7	18.4	18.3	4.0	
42	13.4	21.8	19.8	19.8	10.1	
52	3.7	15.7	6.3	6.3	3.1	
62	0.4	1.6	0.5	0.5	0.5	
Total	20.9	42.8	45.6	45.5	17.7	
Spotted:						
13	*	-	*	*	*	
23	*	-	0.1	0.1	*	
33	*	0.8	1.6	1.6	0.1	
43	0.2	5.3	2.2	2.2	0.2	
53	0.1	4.1	1.0	1.0	0.1	
63	*	0.1	0.1	0.1	*	
Total	0.3	10.3	5.0	5.0	0.4	
Tinged:						
24	-	-	*	*	-	
34	*	0.1	0.3	0.3	*	
44	*	1.0	0.4	0.4	*	
54	*	0.3	0.2	0.2	*	
Total	*	1.4	0.9	0.9	*	
Stained:						
All grades	*	*	*	*	-	
Light Gray:						
All grades	*	-	*	*	0.1	
Gray:						
All grades	*	-	*	*	*	
Below Grade 1/	*	0.2	0.2	0.2	0.1	
All grades	100.0	100.0	100.0	100.0	100.0	
STAPLE						
26 & shorter	-	*	*	*	-	
28	-	0.3	0.2	0.2	*	
29	-	1.0	0.7	0.7	*	
30	*	2.7	2.5	2.5	*	
31	*	6.6	8.1	8.1	0.2	
32	0.2	17.0	17.5	17.5	1.5	
33	1.7	26.9	25.7	25.7	6.7	
34	13.2	22.5	22.5	22.5	20.4	
35	53.5	13.9	14.0	14.0	33.7	
36	28.7	5.8	6.2	6.2	26.2	
37	2.6	1.9	2.2	2.2	10.5	
38	0.1	1.1	0.3	0.3	0.8	
39	*	0.3	0.1	0.1	0.1	
40 & longer	*	-	*	*	*	
All staples	100.0	100.0	100.0	100.0	100.0	
Average staple	35.2	33.4	33.4	33.4	35.1	

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	MEMPHIS				Clasbing Office Total	PHOENIX	RAYVILLE	MACO
	Arkansas	Mississippi	Tennessee	Arizona		Louisiana	Texas	
GRADE								
White:								
11	-	*	*	*	0.1	*	-	
21	0.4	0.2	0.2	0.2	11.3	0.2	1.6	
30	-	-	*	*	*	*	0.1	
31	17.9	13.2	11.9	12.4	34.8	17.1	15.8	
40	0.4	0.9	0.8	0.8	0.5	1.2	1.9	
41	48.0	44.8	39.6	41.2	27.5	53.9	28.3	
50	4.8	3.7	5.5	5.1	0.2	2.5	0.8	
51	13.6	15.7	11.5	12.6	6.2	5.7	8.9	
60	*	0.1	0.1	0.1	*	*	*	
61	0.5	1.4	0.7	0.8	1.2	0.2	1.6	
70	-	*	*	*	-	-	-	
71	*	0.1	*	*	0.4	*	0.2	
Total	85.6	80.1	70.3	73.2	82.2	80.8	59.2	
Light Spotted:								
12	-	-	*	*	*	-	-	
22	*	*	*	*	0.3	*	0.6	
32	3.7	4.5	8.0	7.0	3.5	2.9	8.5	
42	7.8	10.4	15.7	14.1	2.5	12.9	19.0	
52	2.3	3.9	4.4	4.2	1.3	2.6	9.1	
62	0.1	0.5	0.4	0.4	1.8	0.3	1.7	
Total	13.9	19.3	28.5	25.7	9.4	18.7	38.9	
Spotted:								
13	-	-	*	*	-	*	-	
23	*	*	*	*	0.1	*	*	
33	*	0.1	0.2	0.2	0.2	*	0.2	
43	0.1	0.1	0.6	0.4	0.1	0.2	0.5	
53	*	0.1	0.2	0.2	0.1	0.1	0.6	
63	*	*	0.1	*	0.2	*	0.2	
Total	0.1	0.3	1.1	0.8	0.7	0.3	1.5	
Tinged:								
24	-	-	-	-	*	*	-	
34	-	*	*	*	*	*	*	
44	-	*	*	*	*	*	0.1	
54	-	*	*	*	*	*	0.1	
Total	*	*	*	*	*	*	0.2	
Stained:								
All grades	-	*	*	*	-	*	*	
Light Gray:								
All grades	*	*	*	*	5.4	*	*	
Gray:								
All grades	*	*	*	*	0.6	*	-	
Below Grade 1/	*	*	*	*	1.6	*	0.4	
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
STAPLE								
26 & shorter	-	-	-	-	*	-	*	
28	-	-	-	-	*	*	0.1	
29	-	-	-	-	*	*	0.5	
30	-	*	-	*	*	*	2.1	
31	-	*	*	*	*	*	7.9	
32	-	*	*	*	0.2	0.3	13.6	
33	0.1	1.3	1.2	1.2	1.0	1.6	19.4	
34	6.0	27.2	30.2	28.5	6.4	17.9	13.5	
35	71.7	63.0	61.7	62.4	41.9	63.9	22.8	
36	22.0	8.4	6.8	7.8	47.6	14.9	14.5	
37	0.4	0.1	0.1	0.1	2.8	1.4	5.1	
38	-	-	*	*	0.1	0.1	0.3	
39	-	-	-	-	*	*	*	
40 & longer	-	-	-	-	*	*	*	
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Average staple	35.2	34.8	34.7	34.8	35.4	35.0	33.9	

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 10. -- Percentage distribution of mike ranges for upland cotton classed through specified periods, by states and United States, 1987 crop

Period prior to:	Mike ranges								Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above		
ALABAMA									
October 1	*	*	0.5	1.9	89.0	7.1	1.5	44	
November 1	*	0.2	0.9	1.8	86.3	8.6	2.2	44	
December 1	*	0.4	1.5	2.3	85.4	8.3	2.1	43	
January 1	0.3	0.8	1.8	2.5	84.4	8.1	2.1	43	
Crop	0.4	0.8	1.9	2.5	84.3	8.1	2.1	43	
ARIZONA									
October 1	0.2	0.2	0.3	0.5	81.2	14.6	3.1	46	
November 1	0.1	0.1	0.3	0.4	79.6	16.7	2.8	46	
December 1	0.2	0.5	1.0	0.9	79.3	15.9	2.2	46	
January 1	0.6	1.6	2.4	1.6	79.0	13.2	1.7	45	
Crop	0.9	2.2	3.0	1.9	77.8	12.5	1.6	44	
ARKANSAS									
October 1	*	*	0.2	0.6	95.5	3.1	0.5	43	
November 1	*	0.1	0.6	0.9	94.5	3.3	0.6	43	
December 1	0.1	0.4	1.2	1.3	93.5	3.0	0.5	43	
January 1	0.1	0.4	1.2	1.3	93.4	3.0	0.5	43	
Crop	0.1	0.4	1.2	1.3	93.3	3.0	0.5	43	
CALIFORNIA									
October 1	-	*	0.7	0.6	88.1	9.6	1.0	44	
November 1	*	*	0.3	0.5	97.4	1.7	0.1	43	
December 1	*	0.1	0.3	0.6	97.6	1.3	0.1	43	
January 1	*	0.2	0.5	0.8	97.4	1.0	0.1	43	
Crop	*	0.2	0.6	0.8	97.4	1.0	0.1	43	

Table 10. -- Continued

Period prior to:	Mike ranges								Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above		
GEORGIA									
October 1	-	*	0.2	0.9	88.0	8.7	2.1	44	
November 1	*	0.1	0.2	0.6	88.9	8.3	1.9	44	
December 1	0.1	0.6	1.5	2.2	86.7	7.2	1.7	43	
January 1	0.5	1.6	3.4	3.4	83.2	6.4	1.5	43	
Crop	0.6	1.6	3.5	3.4	83.0	6.4	1.5	42	
LOUISIANA									
October 1	*	*	0.1	0.6	90.2	7.6	1.4	44	
November 1	*	0.1	0.7	1.1	92.1	5.3	0.7	43	
December 1	*	0.4	1.3	1.7	91.2	4.8	0.6	43	
January 1	0.1	0.4	1.4	1.8	91.1	4.7	0.6	43	
Crop	0.1	0.4	1.4	1.8	91.0	4.7	0.6	43	
MISSISSIPPI									
October 1	*	*	1.4	3.5	90.5	3.8	0.7	42	
November 1	0.1	0.5	2.2	3.9	89.7	3.2	0.5	41	
December 1	0.1	0.7	2.6	4.1	89.0	3.1	0.5	41	
January 1	0.1	0.7	2.6	4.1	88.9	3.0	0.5	41	
Crop	0.1	0.7	2.6	4.1	88.9	3.0	0.5	41	
MISSOURI									
October 1	*	*	0.5	1.5	95.4	2.3	0.3	42	
November 1	*	0.2	0.8	1.5	95.1	2.1	0.2	42	
December 1	*	0.2	1.0	1.7	94.8	2.0	0.2	42	
January 1	*	0.2	1.1	1.7	94.8	2.0	0.2	42	
Crop	*	0.2	1.1	1.7	94.8	2.0	0.2	42	

Table 10. -- Continued

Period prior to:	Mike ranges								Average mike
	26	27-29	30-32	33-34	35-49	50-52	53		
	and below						and above		
NEW MEXICO									
October 1	-	-	-	-	-	-	-	-	-
November 1	0.1	0.7	4.4	5.6	88.9	0.3	*	39	
December 1	1.7	4.5	12.3	12.6	68.6	0.2	*	37	
January 1	3.6	9.1	17.8	14.4	55.0	0.1	*	35	
Crop	4.4	10.4	18.2	14.5	52.3	0.1	*	35	
NORTH CAROLINA									
October 1	-	-	0.2	0.4	79.1	10.4	10.0	45	
November 1	-	*	*	0.1	68.9	18.0	12.9	47	
December 1	-	0.1	0.1	0.2	67.7	18.8	13.2	47	
January 1	*	0.1	0.3	0.3	67.4	18.6	13.3	47	
Crop	*	0.1	0.3	0.3	67.4	18.6	13.3	47	
OKLAHOMA									
October 1	-	-	-	-	-	-	-	-	
November 1	*	0.6	1.4	2.5	88.4	5.6	1.4	44	
December 1	0.7	2.5	5.6	6.0	79.6	4.5	1.3	41	
January 1	3.3	5.5	8.7	8.1	71.2	2.5	0.8	39	
Crop	5.3	7.0	10.1	8.8	66.1	2.1	0.6	38	
SOUTH CAROLINA									
October 1	-	-	0.2	0.5	89.1	8.4	1.8	44	
November 1	*	0.1	0.3	0.5	92.7	5.5	0.9	44	
December 1	0.1	0.3	0.7	0.8	91.7	5.5	1.0	44	
January 1	0.2	0.6	1.0	1.1	90.7	5.5	1.0	44	
Crop	0.2	0.7	1.0	1.1	90.6	5.4	1.0	44	

Table 10. -- Continued

Period prior to:	Mike ranges							Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	
TENNESSEE								
October 1	-	*	*	0.1	95.5	3.9	0.4	44
November 1	*	*	0.2	0.2	95.6	3.6	0.5	44
December 1	*	*	0.3	0.3	95.3	3.5	0.5	44
January 1	*	*	0.3	0.3	95.3	3.6	0.5	44
Crop	*	*	0.3	0.3	95.3	3.6	0.5	44
TEXAS								
October 1	0.3	1.3	3.1	3.8	86.4	4.4	0.8	42
November 1	0.4	1.5	3.5	4.2	85.5	4.0	0.8	41
December 1	0.7	2.7	6.4	7.1	79.8	2.8	0.6	40
January 1	2.0	6.5	12.6	11.2	65.8	1.5	0.3	38
Crop	3.4	8.4	14.7	12.2	59.7	1.2	0.2	37
UNITED STATES								
October 1	0.1	0.4	1.4	2.4	90.2	4.6	0.8	42
November 1	0.1	0.4	1.3	2.0	91.0	4.4	0.8	43
December 1	0.2	0.8	2.2	2.8	89.3	4.0	0.8	42
January 1	0.7	2.3	4.8	4.6	83.6	3.3	0.6	41
Crop	1.4	3.4	6.2	5.5	80.0	3.0	0.6	41

* Less than 0.05 percent.

Table 11. -- Percentage distribution of mike ranges for upland cotton classed in the United States, by classing offices, 1987 crop

Classing Office	Mike ranges							Average mike
	26 and below	27-29	30-32	33-34	35-49	50-52	53 and above	
Abilene	1.6	5.4	10.4	9.9	71.8	0.8	0.1	38
Altus	4.7	7.4	11.6	10.2	64.0	1.6	0.4	37
Bakersfield	*	0.1	0.6	0.8	98.4	*	*	43
Birmingham	0.6	1.2	2.4	3.0	83.4	7.5	1.9	43
Corpus Christi	*	0.1	0.7	1.4	94.5	2.9	0.3	42
El Centro	0.3	1.0	1.7	1.2	82.9	11.8	1.0	45
El Paso	4.4	9.2	14.9	11.7	59.5	0.2	*	36
Florence	0.1	0.4	0.6	0.7	79.1	12.0	7.1	46
Fresno	*	0.1	0.4	0.8	98.3	0.4	*	43
Greenwood	0.1	0.8	2.9	4.6	88.6	2.8	0.3	41
Harlingen	0.6	2.0	3.6	3.3	82.9	6.2	1.4	42
Hayti	*	0.2	0.8	1.2	95.5	2.0	0.2	42
Lamesa	2.4	9.9	19.9	17.8	49.7	0.2	*	35
Little Rock	0.1	0.6	1.6	1.7	91.5	3.7	0.7	43
Lubbock	5.8	12.9	20.8	15.4	44.8	0.3	*	34
Macon	0.6	1.6	3.5	3.4	83.0	6.4	1.5	42
Memphis	*	0.1	0.5	0.5	94.4	3.7	0.7	43
Phoenix	0.9	2.1	2.7	1.5	77.0	14.0	1.8	45
Rayville	0.1	0.4	1.4	1.8	91.0	4.7	0.6	43
Waco	0.6	1.9	5.9	8.1	80.3	2.4	0.8	40
United States	1.4	3.4	6.2	5.5	80.0	3.0	0.6	41

* Less than 0.05 percent.

Table 12. -- Percentage distribution of fiber strength groupings for upland cotton classed through specified periods, by states and United States, 1987 crop

Period prior to:	Fiber strength, 1/8" gage (grams per tex)									Average strength
	17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and above :	
ALABAMA										
October 1	*	*	0.9	8.4	28.7	32.2	16.7	10.2	3.0	26.5
November 1	*	*	0.4	5.1	19.6	26.7	20.8	17.6	9.9	27.6
December 1	*	*	0.4	4.8	18.2	25.7	21.7	18.8	10.5	27.8
January 1	*	*	0.4	4.7	17.8	25.4	21.9	19.2	10.7	27.8
Crop	*	*	0.4	4.7	17.7	25.4	21.9	19.2	10.7	27.8
ARIZONA										
October 1	-	-	1.4	11.5	26.2	24.4	26.3	9.1	1.2	26.4
November 1	-	0.1	1.4	8.9	20.8	20.8	26.5	18.1	3.4	27.1
December 1	-	0.1	1.1	7.6	20.1	22.3	26.6	17.8	4.3	27.2
January 1	*	0.2	1.3	7.0	18.9	22.7	25.8	18.4	5.7	27.3
Crop	*	0.2	1.5	7.6	19.4	22.8	25.7	17.5	5.3	27.2
ARKANSAS										
October 1	-	-	0.2	4.2	25.8	45.5	20.2	3.5	0.6	26.4
November 1	*	*	0.3	4.9	27.6	43.1	19.7	3.9	0.6	26.3
December 1	*	*	0.3	4.6	26.3	43.4	20.4	4.2	0.8	26.4
January 1	*	*	0.3	4.6	26.1	43.4	20.5	4.2	0.8	26.4
Crop	*	*	0.3	4.6	26.1	43.4	20.5	4.2	0.8	26.4
CALIFORNIA										
October 1	-	-	-	1.6	4.3	11.9	35.2	35.1	11.9	29.2
November 1	0.2	0.1	0.1	0.7	1.5	5.6	24.2	38.7	28.9	30.3
December 1	0.1	0.1	0.1	0.5	1.2	5.5	25.3	39.0	28.3	30.3
January 1	0.1	*	0.1	0.5	1.2	5.1	24.4	38.6	30.0	30.4
Crop	0.1	*	0.1	0.5	1.2	5.4	25.1	38.5	29.0	30.3

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)										Average strength
	17 and below :	18-19 :	20-21 :	22-23 :	24-25 :	26-27 :	28-29 :	30-31 :	32 and above :		
GEORGIA											
October 1	-	0.2	0.9	5.4	18.7	29.4	26.4	14.4	4.7	27.2	
November 1	*	*	0.2	2.3	11.5	26.7	32.7	20.2	6.3	28.0	
December 1	*	*	0.3	3.0	12.7	27.6	31.6	19.1	5.7	27.9	
January 1	*	*	0.4	3.5	13.3	27.6	31.1	18.5	5.6	27.8	
Crop	*	0.1	0.4	3.5	13.3	27.6	31.1	18.4	5.5	27.8	
LOUISIANA											
October 1	-	-	0.1	1.1	14.7	38.5	26.8	12.3	6.4	27.6	
November 1	-	-	0.1	1.6	16.2	38.8	25.8	11.4	6.1	27.4	
December 1	-	*	0.1	1.9	16.4	38.3	25.9	11.6	5.9	27.4	
January 1	-	*	0.1	1.9	16.5	38.2	25.9	11.5	5.9	27.4	
Crop	-	*	0.1	1.9	16.5	38.2	25.9	11.5	5.9	27.4	
MISSISSIPPI											
October 1	-	*	0.1	2.4	20.7	45.9	26.5	4.2	0.2	26.7	
November 1	-	*	0.2	2.7	23.1	45.4	24.1	4.2	0.3	26.6	
December 1	-	*	0.2	2.8	22.8	44.8	24.3	4.6	0.6	26.6	
January 1	-	*	0.2	2.8	22.5	44.2	24.3	5.2	0.8	26.6	
Crop	-	*	0.2	2.9	22.5	44.2	24.3	5.2	0.8	26.6	
MISSOURI											
October 1	-	-	0.1	2.3	28.5	51.0	16.5	1.6	0.1	26.2	
November 1	-	-	0.2	3.8	30.9	46.9	16.2	1.8	0.3	26.1	
December 1	-	-	0.2	3.7	31.0	46.7	16.2	2.0	0.3	26.1	
January 1	-	-	0.2	3.7	31.0	46.7	16.1	2.0	0.3	26.1	
Crop	-	-	0.2	3.7	31.0	46.8	16.1	2.0	0.3	26.1	

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
NEW MEXICO										
October 1	-	-	-	-	-	-	-	-	-	-
November 1	*	*	0.5	0.9	2.3	5.4	26.3	35.6	29.1	30.0
December 1	*	*	0.3	1.8	5.4	9.3	29.3	34.8	19.2	29.5
January 1	*	0.1	0.8	3.7	10.0	14.5	27.2	27.5	16.3	28.8
Crop	*	0.2	1.0	5.1	12.4	16.1	25.6	25.2	14.6	28.4
NORTH CAROLINA										
October 1	-	-	-	-	-	-	-	-	-	-
November 1	-	-	2.0	11.6	32.0	37.1	12.6	3.7	1.0	25.7
December 1	-	-	2.4	14.3	35.5	32.1	11.8	3.1	0.9	25.5
January 1	-	-	2.1	14.6	35.0	30.9	12.7	3.8	0.9	25.5
Crop	-	-	2.1	14.5	35.1	31.0	12.7	3.8	0.9	25.5
OKLAHOMA										
October 1	-	-	-	-	-	-	-	-	-	-
November 1	*	*	1.8	10.9	19.7	14.8	8.7	14.5	29.6	27.9
December 1	*	0.1	1.1	7.2	21.7	29.2	19.2	10.8	10.6	27.2
January 1	*	0.1	0.7	5.6	22.8	35.3	21.9	8.5	5.1	26.8
Crop	0.1	0.3	1.7	8.0	24.2	33.9	20.3	7.5	4.1	26.5
SOUTH CAROLINA										
October 1	-	-	1.3	7.8	33.0	30.4	23.5	2.6	1.3	26.0
November 1	-	-	1.9	11.3	28.2	29.4	19.6	6.8	2.8	26.2
December 1	-	0.1	2.3	12.5	27.4	28.8	19.3	6.7	3.0	26.1
January 1	-	0.1	2.3	12.3	26.9	28.8	19.2	7.3	3.2	26.2
Crop	-	0.1	2.3	12.2	27.0	29.0	19.0	7.2	3.2	26.2

Table 12. -- Continued

Period prior to:	Fiber strength, 1/8" gage (grams per tex)										Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above		
TENNESSEE											
October 1	*	-	0.4	4.8	30.3	48.8	14.3	1.4	-	26.0	
November 1	*	-	0.4	5.3	32.6	45.8	14.2	1.6	0.1	25.9	
December 1	*	-	0.4	5.2	32.2	45.9	14.5	1.7	0.1	26.0	
January 1	*	-	0.4	5.3	32.1	45.6	14.7	1.9	0.1	26.0	
Crop	*	-	0.4	5.3	32.1	45.6	14.6	1.9	0.1	26.0	
TEXAS											
October 1	0.1	0.6	4.6	22.1	38.3	23.4	8.2	2.2	0.5	24.8	
November 1	0.1	0.8	5.0	21.2	36.0	23.6	9.5	3.0	0.9	24.9	
December 1	0.1	0.5	3.7	17.2	34.2	27.3	14.5	1.7	1.0	25.3	
January 1	0.1	0.3	2.4	12.9	31.8	31.5	15.1	4.8	1.1	25.7	
Crop	0.1	0.4	2.6	13.3	31.7	31.1	15.0	4.8	1.1	25.7	
UNITED STATES											
October 1	*	0.2	1.7	9.6	28.0	36.8	17.8	4.7	1.3	26.0	
November 1	0.1	0.1	1.0	6.2	22.3	32.8	20.4	11.1	6.1	26.9	
December 1	*	0.1	0.9	5.7	20.4	29.9	21.3	13.8	7.8	27.2	
January 1	*	0.1	0.9	5.9	20.7	29.4	21.0	13.8	8.1	27.3	
Crop	*	0.2	1.1	6.6	21.5	29.4	20.6	13.1	7.4	27.1	

* Less than 0.05 percent.

Table 13. -- Percentage distribution of fiber strength groupings for upland cotton classed in the United States, by classing offices, 1987 crop

Classing Office	Fiber strength, 1/8" gage (grams per tex)									Average strength
	17 and below	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32 and above	
Abilene	-	0.1	1.4	11.1	34.9	32.2	13.7	5.3	1.1	25.8
Altus	*	0.3	1.8	8.8	26.4	35.4	19.1	5.7	2.6	26.2
Bakersfield	*	-	-	*	0.4	6.7	35.2	41.7	16.0	29.8
Birmingham	*	*	0.5	4.9	18.5	25.9	21.5	18.5	10.2	27.7
Corpus Christi	0.1	0.5	6.2	28.6	40.4	18.3	4.8	0.9	0.1	24.2
El Centro	-	0.3	2.3	12.5	25.3	21.0	20.2	14.0	4.4	26.6
El Paso	-	0.4	1.8	6.0	8.7	15.4	30.3	25.9	11.3	28.3
Florence	-	*	2.1	13.3	31.1	30.2	15.8	5.4	2.0	25.8
Fresno	0.1	*	*	*	0.3	3.3	18.0	37.9	40.1	31.0
Greenwood	-	*	0.1	3.0	22.4	44.2	24.3	5.3	0.7	26.6
Harlingen	*	*	1.6	17.2	40.7	27.5	9.8	2.7	0.5	25.2
Hayti	-	-	0.2	4.4	30.0	46.8	16.2	2.1	0.2	26.1
Lamesa	*	0.2	2.1	11.4	26.7	30.6	18.9	7.4	2.4	26.2
Little Rock	*	*	0.4	4.3	25.3	41.1	22.6	5.5	1.0	26.5
Lubbock	0.1	0.3	1.9	10.8	30.1	33.8	17.1	5.1	0.9	25.9
Macon	*	0.1	0.4	3.5	13.3	27.6	31.1	18.4	5.5	27.8
Memphis	*	-	0.4	4.5	29.4	45.4	17.3	2.6	0.4	26.1
Phoenix	*	0.1	1.0	6.1	18.0	23.0	27.3	18.7	5.7	27.4
Rayville	-	*	0.1	1.9	16.5	38.2	25.9	11.5	5.9	27.4
Waco	0.4	1.4	8.9	22.4	29.1	23.2	10.2	2.9	0.9	24.6
United States	*	0.2	1.1	6.6	21.5	29.4	20.6	13.1	7.4	27.1

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Table 14. -- Grade and staple of American Pima cotton ginned in the United States, 1987 crop

Grade	Staple					All staples	
	40 and shorter	42	44	46	48 and longer		
	Bales	Bales	Bales	Bales	Bales	Bales	Percent
01	-	-	516	1,084	-	1,600	0.6
02	-	1	4,671	21,040	11	25,723	9.3
03	-	52	23,973	107,025	79	131,129	47.7
04	2	101	13,664	74,634	199	88,600	32.2
05	-	77	5,357	13,998	74	19,506	7.1
06	2	296	4,233	1,263	2	5,796	2.1
07	5	617	2,079	86	-	2,787	1.0
All grades	9	1,144	54,493	219,130	365	275,141 1/	100.0
All grades	Pct. *	Pct. 0.4	Pct. 19.8	Pct. 79.6	Pct. 0.1	Pct. 100.0	

1/ As reported by the Bureau of the Census, running bales. Average grade..... 3.5
 * Less than 0.05 percent. Average staple.....45.6
 Pct. grade reductions. 7.8

Table 15. -- Percentage distribution of grade and staple for American Pima cotton classed through specified periods, in the United States, 1987 crop

Grade and Staple	Prior to			Crop
	November 1	December 1	January 1	
Grade:				
01	1.3	1.5	0.8	0.6
02	32.6	21.3	12.3	9.3
03	56.6	56.1	51.1	47.7
04	8.9	16.8	27.6	32.2
05	0.5	3.6	6.5	7.1
06	0.1	0.5	1.2	2.1
07	0.1	0.1	0.5	1.0
All grades	100.0	100.0	100.0	100.0
Staple:				
40 and shorter	*	*	*	*
2	*	*	0.1	0.4
4	23.4	16.9	16.5	19.8
6	76.3	83.0	83.3	79.6
8 and longer	0.3	0.1	*	0.1
All staples	100.0	100.0	100.0	100.0
innings	46,547	135,052	209,005	275,141 1/

1/ As reported by the Bureau of the Census, running bales.
 * Less than 0.05 percent.

Table 16. -- Percentage distribution of grade and staple for American Pima cotton classed, by states, 1987 crop 1/

Grade	Staple						All staples
	40 and shorter	42	44	46	48 and longer		
ARIZONA							
01	-	-	0.2	0.5	-	0.8	
02	-	*	1.8	9.0	*	10.8	
03	-	*	4.1	34.2	*	38.4	
04	-	*	4.1	32.9	0.1	37.1	
05	-	*	2.4	6.6	*	9.1	
06	-	0.1	1.9	0.6	*	2.6	
07	-	0.2	0.9	*	-	1.2	
All grades	-	0.4	15.6	83.9	0.2	100.0	
1/	Ginnings, Bureau of the Census, 208,602 running bales.				Average grade.....3.6		
					Average staple.....45.7		
*	Less than 0.05 percent.				Percent grade reductions.. 9.1		
NEW MEXICO							
01	-	-	-	-	-	-	
02	-	-	1.2	3.1	-	4.3	
03	-	0.2	18.0	59.8	-	78.0	
04	-	0.1	6.2	10.0	-	16.4	
05	-	0.1	0.4	0.4	-	0.9	
06	-	0.1	0.2	*	-	0.3	
07	-	0.1	0.1	-	-	0.1	
All grades	-	0.5	26.1	73.3	-	100.0	
1/	Ginnings, Bureau of the Census, 9,714 running bales.				Average grade.....3.2		
					Average staple.....45.5		
*	Less than 0.05 percent.				Percent grade reductions.. 4.6		
TEXAS							
01	-	-	-	-	-	-	
02	-	-	1.6	3.4	-	4.9	
03	-	*	24.0	52.6	*	76.7	
04	*	0.1	7.9	8.9	*	16.9	
05	-	*	0.4	0.2	-	0.6	
06	*	0.2	0.3	*	-	0.5	
07	*	0.2	0.2	*	-	0.5	
All grades	*	0.5	34.4	65.1	*	100.0	
1/	Ginnings, Bureau of the Census, 56,825 running bales.				Average grade.....3.2		
					Average staple.....45.3		
*	Less than 0.05 percent.				Percent grade reductions.. 3.6		

Table 17. -- Percentage distribution of mike for American Pima cotton classed in the United States, by states, 1987 crop

Readings	State			United States
	Arizona	New Mexico	Texas	
26 and below	*	*	*	*
27	*	0.2	*	*
28	0.1	0.6	0.3	0.1
29	0.2	0.6	0.6	0.3
30	0.5	1.8	1.6	0.8
31	0.8	2.9	2.0	1.1
32	1.0	4.0	2.6	1.5
33	1.1	4.0	2.5	1.5
34	1.7	5.6	3.6	2.2
35	3.1	5.1	3.4	3.2
36	5.9	6.5	5.4	5.9
37	6.1	5.7	5.3	6.0
38	11.5	8.3	8.9	10.9
39	10.7	6.4	8.1	10.0
40	17.7	10.1	12.2	16.3
41	11.9	8.6	10.0	11.4
42	14.1	10.1	11.8	13.5
43	6.4	6.2	7.5	6.6
44	5.0	6.2	7.0	5.5
45	1.1	3.2	3.5	1.7
46	0.5	2.5	2.5	1.0
47	0.1	0.8	0.7	0.3
48	*	0.3	0.2	0.1
49	*	0.1	*	*
50 and above	*	*	*	*
Average mike	40	39	39	40

* Less than 0.05 percent.