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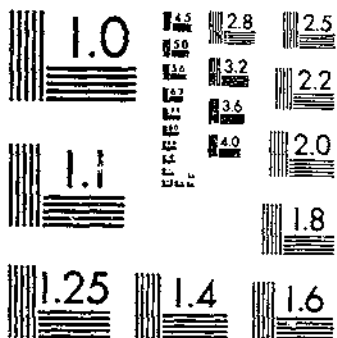
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U. S. FATS AND OILS STATISTICS, 1950-71

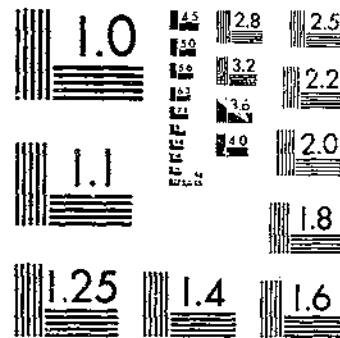
KROMER, G. W. ET AL

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This bulletin was prepared in the Fats and Oils Section, Economic and Statistical Analysis Division, Economic Research Service. It was planned and directed by George W. Kromer with assistance of Stanley A. Gazelle. Evelyn L. Norris was responsible for the compilation and analysis of the statistical data and Syble M. Wiggins for final preparation of the tables.

PREFACE

This bulletin incorporates in one book a comprehensive series of longterm statistics on oilseeds, fats, oils and their products, and complements the salient statistics appearing regularly in the *Fats and Oils Situation*, issued 5 times a year by the Economic Research Service.

Statistics covering U. S. supply, disposition, utilization, foreign trade, and prices of fats and oils have been compiled and published by the U. S. Department of Agriculture for many years. These series are based not only on information collected by the USDA's statistical agencies¹ but also on data published by other governmental agencies, such as the Bureau of the Census, the Bureau of Labor Statistics, and the Marine Fisheries Service. These statistics are integrated, however, to provide types of information, such as supply and demand balance sheets, that are not available from the collecting agencies.

This handbook supersedes Statistical Bulletin No. 376, *U. S. Fats and Oils Statistics, 1909-65*, published in August 1966. Some new series are included, such as those dealing with end uses of fats and oils in salad and cooking oils, salad dressings, mayonnaise, and related consumer products. Series for which data were not available after 1965 have been omitted. Due to space limitations, it was also necessary to omit statistics for some of the earlier years from a number of tables. Consequently, it is suggested that Statistical Bulletin No. 376 be retained to provide this earlier data. Data in this bulletin are carried mostly through calendar year 1971, and include revisions made through April 1972.

A glossary of terms used by the fats and oils trade has been added. The treatment is not all-inclusive, but provides the more common terms which may be helpful in interpreting data in this handbook.

¹ Primarily the Economic Research Service, the Statistical Reporting Service, the Agricultural Marketing Service, and the Foreign Agricultural Service.

U. S. FATS AND OILS STATISTICS, 1950-71

Prepared in the Fats and Oils Section
Economic and Statistical Analysis Division
Economic Research Service

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Table 1.--Castor oil: Estimated supply, disposition, and price, 1950-71

Calendar year	Supply						Disposition		Price per pound, New York (cents)		
	Estimated production from		Oil imports	Stocks, January 1			Exports	Apparent domestic disappearance	Dehydrated	Imported, No. 1 Brazilian	
	Domestic castor beans	Imported castor beans		Total	GSA 1/	Trade					Total
	-- Million pounds --								Cents	Cents	
1950	---	128	47	38	---	38	213	2	2/181	24.0	---
1951	5	74	89	30	---	30	198	1	2/174	38.7	---
1952	8	66	112	23	---	23	209	1	2/182	34.0	---
1953	10	56	127	26	---	26	219	1	2/169	27.7	---
1954	7	55	57	50	---	50	169	1	139	21.8	---
1955	1	49	95	28	---	28	174	1	134	20.5	---
1956	2	23	89	39	---	39	152	3	121	23.8	---
1957	9	18	121	28	---	28	175	3	138	28.2	22.1
1958	18	8	84	33	---	33	143	2	116	27.3	20.3
1959	11	9	116	3/31	---	31	167	2	130	25.1	19.3
1960	14	1	107	35	---	35	157	1	131	25.0	19.3
1961	13	2	119	249	224	25	383	1	135	25.0	19.3
1962	16	9	106	247	212	35	378	1	142	25.1	19.0
1963	30	2	98	235	197	38	365	1	140	25.1	18.8
1964	28	4/	96	224	177	47	348	1	141	25.1	15.9
1965	26	1	129	206	163	43	362	---	150	24.6	13.2
1966	19	1	104	211	157	54	334	---	153	25.0	15.0
1967	20	4/	97	181	130	51	298	---	152	27.3	19.2
1968	20	4/	106	146	87	59	272	---	164	31.4	20.6
1969	39	4/	142	108	65	43	289	---	166	29.0	15.2
1970 5/	25	4/	106	123	56	5/67	254	---	139	28.0	15.5
1971 5/	5	4/	76	115	50	65	196	---	127	28.4	17.2
1972				69		37					
1973											

1/ Excludes 12.5 million pounds of castor oil processed into sebacic acid. 2/ Includes government stockpiling. 3/ Beginning with 1959 stocks not directly comparable with earlier years because of the inclusion of hydrogenated oils. 4/ Less than 500,000 pounds. 5/ Includes 30 million pounds held by CCC. 6/ Preliminary.

Table 2.--Castor oil: Utilization, by products, 1950-71 1/

Calendar year	Paint and varnish	Linoleum and oilcloth	Resins and plastics	Other drying oils	Lubricants and similar oils	Fatty acids	Other industrial	Total
1950	47	6	5	3	---	---	88	2/181
1951	26	3/	9	---	---	---	93	2/174
1952	17	1	19	3	---	---	91	2/182
1953	22	1	16	8	---	---	81	2/169
1954	19	3/	15	5	---	---	99	139
1955	27	---	27	9	---	---	70	134
1956	27	---	37	10	---	---	48	121
1957	27	---	43	10	---	---	58	138
1958	23	---	33	9	---	---	52	116
1959	28	---	46	9	4/6	4/5	37	130
1960	31	---	45	9	6	6	34	131
1961	41	---	39	9	6	6	34	135
1962	43	---	40	9	7	7	35	142
1963	40	---	43	8	7	8	34	140
1964	40	---	50	9	6	11	25	141
1965	48	---	48	10	12	10	21	150
1966	32	---	47	9	12	13	40	153
1967	43	---	46	8	7	16	31	152
1968	44	---	39	9	8	28	36	164
1969	27	---	12	21	7	15	83	166
1970 5/	227	---	9	18	6	6	73	139
1971 5/	24	---	4	17	6	6	66	127
1972								
1973								

1/ Mostly estimates, as Census end-use data are limited in order to avoid disclosing figures for individual companies. 2/ Includes government stockpiling. 3/ Less than 500,000 pounds. 4/ Prior to 1959 included in "other" category. 5/ Preliminary

Table 3 ---Copra: Supply, crushings and price, 1950-71

Year	Supply					Crushings:	Products			Copra price	
	Copra imports. 1/			Stocks at crushing mills, Jan. 1	Total		Production of		Yield of oil as a percentage of quantity crushed	per ton	
	From Philippines	From other sources	Total				Coconut oil	Copra meal		Pct.	Dol.
	-- Million pounds --										
1950	940	---	940	45	985	875	562	301	64	202	
1951	899	---	899	60	959	810	516	280	64	208	
1952	645	6	651	43	694	684	435	237	64	150	
1953	646	2/	646	26	672	662	422	227	64	211	
1954	673	2/	673	25	698	672	432	231	64	177	
1955	666	6	672	32	704	676	431	234	64	159	
1956	668	---	668	40	708	661	422	228	64	154	
1957	644	1	645	3/	666	666	425	233	64	158	
1958	600	1	601	---	642	642	412	224	64	196	
1959	681	25	706	---	706	695	447	242	64	242	
1960	758	22	780	---	780	774	495	271	64	193	
1961	745	21	766	---	780	780	499	274	64	157	
1962	706	9	715	---	715	672	429	238	64	152	
1963	521	---	521	---	546	546	348	194	64	170	
1964	548	---	548	---	548	514	328	182	64	179	
1965	615	---	615	---	615	573	365	206	64	203	
1966	536	---	536	---	536	568	363	202	64	169	
1967	610	---	615	---	615	548	350	199	64	182	
1968	643	---	643	---	643	628	392	234	63	206	
1969	598	2	600	---	600	614	386	226	63	183	
1970	436	---	436	---	436	3/	247	160		5/212	
1971 6/	420	---	420	---	420		4/269	4/147			
1972											
1973											

1/ Imports for consumption. 2/ Less than 500,000 pounds. 3/ Data no longer available from Census. 4/ Estimate based on copra imports. 5/ January-February average. Later data not available. 6/ Preliminary.

Table 4.--Copra: Value of products per pound crushed and price spread, 1950-71

Year	Value of products per pound crushed						Total value	Value of oil as a percentage of total value	Copra price per pound 3/	Spread between value of products and copra price per pound
	Coconut oil			Copra meal						
	Yield	Price 1/	Value	Yield	Price 2/	Value				
	Pct.	Cts.	Cts.	Pct.	Cts.	Cts.	Cts.	Pct.	Cts.	Cts.
1950	64	15.40	9.86	34	3.26	1.11	10.97	90	10.1	0.9
1951	64	15.50	9.92	35	3.68	1.29	11.21	88	10.4	0.8
1952	64	10.60	6.78	35	4.44	1.55	8.33	81	7.5	0.8
1953	64	16.00	10.24	34	3.89	1.32	11.56	89	10.6	1.0
1954	64	13.20	8.45	34	3.33	1.13	9.58	88	8.9	0.7
1955	64	11.50	7.36	35	3.61	1.26	8.62	85	8.0	0.6
1956	64	11.20	7.17	34	3.45	1.17	8.34	86	7.7	0.6
1957	64	14.20	9.09	35	3.15	1.10	10.19	89	7.9	2.3
1958	64	14.60	9.34	35	3.40	1.19	10.53	89	9.8	0.7
1959	64	18.30	11.71	35	4.05	1.42	13.13	89	12.1	1.0
1960	64	14.30	9.15	35	3.70	1.30	10.45	88	9.6	0.9
1961	64	11.50	7.36	35	3.36	1.18	8.54	86	7.8	0.7
1962	64	10.80	6.91	35	4.04	1.41	8.32	83	7.6	0.7
1963	64	11.80	7.55	36	4.19	1.51	9.06	83	8.5	0.6
1964	64	13.40	8.58	35	3.85	1.35	9.93	86	9.0	0.9
1965	64	15.90	10.18	36	4.18	1.50	11.68	87	10.2	1.5
1966	64	12.20	7.81	36	4.23	1.52	9.32	84	8.4	0.9
1967	64	13.50	8.64	36	4.02	1.45	10.09	86	9.1	1.0
1968	63	16.70	10.35	38	4.13	1.57	11.92	87	10.3	1.6
1969	63	13.60	8.57	37	3.77	1.39	9.96	86	9.1	0.9
1970	63	16.28	10.26	37	3.96	1.47	11.73	87	10.6	1.1
1971 4/	63	13.60	8.57	37	4.00	1.48	10.05	85	N.A.	N.A.
1972										
1973										

1/ Crude, tanks, f.o.b. Pacific coast. Includes 1 cent import duty. 2/ Bagged, carlots, Los Angeles, 20 percent protein. Beginning October 1953, prices are "bulk" basis. A bagging charge of \$3 per ton added to bulk price. 3/ C.I.F. (cost, insurance and freight), Pacific coast. 4/ Preliminary. N.A.--Not available.

Table 5.--Coconut oil: Supply, disposition and price, 1950-71

Calendar year	Supply					Disposition			Price				
	Production from imported copra	Oil imports	Stocks, January 1			Total	Exports (including reexports and shipments)	Apparent domestic disappearance	Crude coconut oil, tanks, per lb.				
			Total	U.S. Customs Bond	Trade				Per ton Pacific ports CIF	Pacific Coast (inc. 1% import duty)	New York		
-- Million pounds --											Dollars	Cents	Cents
1950	562	138	150	---	---	850	25	1/730	175	18.4	19.4		
1951	516	113	95	---	---	724	40	1/583	202	18.5	19.5		
1952	435	119	101	---	---	654	38	561	208	13.6	14.8		
1953	422	138	95	---	---	615	13	521	211	19.0	20.3		
1954	432	138	81	---	---	651	11	561	177	15.2	17.2		
1955	431	149	79	---	---	659	9	561	159	14.5	15.6		
1956	422	197	89	---	---	708	10	612	154	14.2	15.4		
1957	425	184	86	---	---	695	10	612	158	14.2	15.2		
1958	412	217	69	---	---	698	7	628	196	14.6	15.8		
1959	447	197	63	---	---	706	8	638	242	18.3	19.9		
1960	495	156	2/326	---	---	978	7	632	193	14.3	16.1		
1961	499	163	2/339	---	---	1,001	3	3/691	157	11.5	12.7		
1962	429	266	2/319	---	---	1,014	2	770	152	10.8	11.8		
1963	343	372	2/243	---	---	963	10	3/758	170	11.8	12.6		
1964	328	397	2/200	3/42	4/195	925	2	2/793	179	13.0	13.8		
1965	365	397	154	66	88	916	12	2/765	203	14.9	15.9		
1966	363	6/499	154	81	73	1,016	9	2/836	169	12.2	13.3		
1967	350	5/504	224	134	90	1,078	12	2/864	182	13.5	14.5		
1968	392	434	134	66	88	960	6	2/811	206	16.7	16.7		
1969	386	429	197	110	87	1,012	8	2/834	183	13.6	13.8		
1970 7/	247	595	206	146	60	1,048	12	2/789	212	16.3	17.1		
1971 7/	269	629	203	102	101	1,101	22	2/872	N.A.	13.6	14.5		
1972 7/			191	87	104								
1973													

1/ Includes government stockpiling. 2/ Includes stocks held by the General Services Administration. 3/ Factory consumption figures used for years in which reported factory consumption exceeds calculated domestic disappearance. 4/ Estimate. Data not reported prior to October 1964. 5/ Calculation based on trade stocks rather than total stocks which include oil held in U.S. Customs bonded warehouses. 6/ Adjusted for Census unpublished revisions, due to duplications in data--coconut oil reported as imports for "consumption" rather than "warehouse" entries. This oil was included again when withdrawn from the bonded warehouses. The quantity doubled counted in 1965 was 11.5 million pounds and in 1967 it was 19.2 million pounds. 7/ Preliminary.

Table 6.--Coconut oil: Utilization, by products, 1950-71

Calendar year	Food uses				Nonfood uses					Apparent domestic disappearance	
	Shortening	Margarine	Other edible	Total	Soap	Drying oil products	Foots and loss	Fatty acids	Other industrial		
											Total
-- Million pounds --											
1950	---	---	189	189	257	4	32	136		428	1/730
1951	20	1	121	142	197	4	35	144		380	1/583
1952	33	---	156	191	204	4	36	126		370	561
1953	12	7	165	183	175	5	28	131		339	521
1954	15	5	184	204	175	5	28	149		357	561
1955	4	6	184	194	173	7	25	162		367	561
1956	5	8	213	226	177	6	27	177		387	612
1957	8	5	220	233	173	6	27	177		383	616
1958	12	4	237	253	161	4	26	185		376	628
1959	20	4	156	180	144	13	26	98	176	458	638
1960	10	4	158	172	145	7	10	83	195	460	632
1961	26	3	177	206	140	6	38	74	227	485	2/691
1962	27	5	235	267	141	9	39	56	258	503	770
1963	19	4	201	224	152	10	32	51	269	534	2/758
1964	18	6	230	254	158	7	26	54	294	539	3/793
1965	20	5	247	272	145	4	28	54	262	493	3/765
1966	38	13	295	346	150	1	36	60	238	485	3/836
1967	40	15	350	415	146	5	36	55	207	449	3/864
1968	41	14	322	377	154	8	35	64	172	433	3/811
1969	46	15	341	402	150	9	33	56	184	432	3/834
1970 4/	45	10	293	348	164	6	33	60	178	441	3/789
1971 4/	56	7	393	456	166	5	38	60	148	417	3/872
1972											
1973											

1/ Includes government stockpiling. 2/ Factory consumption figures used for years in which reported factory consumption exceeds calculated domestic disappearance. 3/ Calculation based on changes in trade stocks (shown in table 5 above) rather than total stocks which include oil held in U.S. Customs bonded warehouses. 4/ Preliminary.

Table 7.---Coconut oil: Supply, disposition and price, crop years, by months, 1958-71

Year beginning October	Production											Total or average	
	October	November	December	January	February	March	April	May	June	July	August		September
	--- Million pounds ---												
1958	37	30	30	35	29	29	38	36	41	34	42	38	422
1959	44	44	35	34	30	40	44	44	39	45	48	35	481
1960	46	45	46	51	37	34	30	44	38	46	47	45	508
1961	46	43	39	38	39	42	30	28	30	36	30	38	440
1962	44	43	30	39	23	21	25	22	23	34	26	31	363
1963	34	39	30	30	30	21	19	20	25	33	29	28	337
1964	32	38	24	37	32	34	28	32	24	25	31	20	355
1965	29	38	37	28	21	25	25	36	42	38	38	33	384
1966	D	D	D	D	D	D	D	D	D	D	D	D	D
1967	37	38	35	32	21	19	40	41	38	31	35	34	400
1968	28	42	32	31	29	31	31	29	33	19	35	36	376
1969	38	35	38	26	26	14	19	D	D	D	D	D	298
1970 1/	D	D	D	D	D	D	D	D	D	D	D	D	D
1971 1/2	D	D	D	D	D	D	D	D	D	D	D	D	D
1972	D	D	D	D	D	D	D	D	D	D	D	D	D
1973	D	D	D	D	D	D	D	D	D	D	D	D	D
	--- Stocks, first of month 2/ ---												
1958	60	52	60	63	59	47	47	48	44	46	49	44	481
1959	43	51	67	61	62	51	55	317	315	306	322	327	481
1960	323	341	328	339	358	340	340	317	306	289	296	294	481
1961	301	295	308	319	303	292	286	270	245	219	221	209	481
1962	206	203	220	243	240	255	255	241	233	211	228	217	481
1963	227	222	214	198	196	196	186	168	160	155	166	178	481
1964	162	124	110	88	148	151	171	173	184	196	138	194	481
1965	115	107	92	73	132	146	176	155	144	147	150	164	481
1966	148	121	107	90	194	207	188	192	164	133	114	108	481
1967	79	65	61	68	148	143	114	96	109	129	145	153	481
1968	130	133	172	87	184	159	166	132	130	134	118	116	481
1969	108	90	67	59	200	139	138	122	123	134	114	98	481
1970 1/	102	110	105	101	162	134	139	133	134	137	147	125	481
1971 1/2	108	116	110	104	163	155	159						481
1972													481
1973													481
	--- Imports ---												
1958	21	16	15	14	9	17	23	21	15	18	14	17	261
1959	18	21	10	11	6	14	13	12	10	8	9	17	156
1960	16	16	16	14	12	7	7	11	5	17	16	12	149
1961	22	21	19	22	8	15	18	19	16	16	26	16	216
1962	38	31	41	45	38	40	30	31	20	39	46	35	436
1963	39	8		61	42	46	35	28	35	35	69	9	408
1964	15	14	6	72	64	50	52	39	18	8	7	25	370
1965	34	19	10	121	44	87	11	31	47	9	52	35	499
1966	23	30	9	195	80	18	20	15	26	24	19	31	489
1967	30	30	16	114	60	20	17	34	35	41	16	31	444
1968	41	18	7	152	41	10	19	34	33	34	28	18	438
1969	29	21	7	158	49	30	18	52	76	48	47	27	562
1970 1/	64	14	12	129	42	53	55	48	45	35	30	79	607
1971 1/2	68	28	16	22	145	68							607
1972													607
1973													607
	--- Domestic disappearance 3/ ---												
1958	66	38	42	53	49	46	60	60	60	42	60	55	632
1959	54	48	49	57	47	54	40	57	66	35	52	56	615
1960	62	53	52	45	66	41	59	65	60	56	64	50	675
1961	73	51	46	72	62	63	65	72	72	49	67	57	749
1962	85	58	48	87	47	60	69	61	63	56	82	57	773
1963	73	55	87	53	71	77	72	56	66	56	86	53	605
1964	95	55	51	46	93	64	77	60	66	50	52	52	759
1965	71	71	65	90	50	81	56	74	79	48	74	83	842
1966	80	69	53	116	90	64	42	68	84	69	50	66	871
1967	82	70	43	66	84	65	75	62	53	55	43	87	786
1968	66	21	124	87	95	34	83	63	60	70	65	62	829
1969	84	79	53	42	136	45	52	D	D	D	D	D	855
1970 1/	D	D	D	D	D	D	D	D	D	D	D	D	D
1971 1/2	D	D	D	D	D	D	D	D	D	D	D	D	D
1972	D	D	D	D	D	D	D	D	D	D	D	D	D
1973	D	D	D	D	D	D	D	D	D	D	D	D	D
	--- Price per pound, crude, tanks, Pacific Coast 4/ ---												
	--- Cents ---												
1958	15.3	18.4	17.4	18.1	19.3	19.8	20.2	20.4	19.1	16.2	15.9	17.8	18.2
1959	18.8	16.8	17.2	18.0	17.5	16.8	15.4	14.7	13.6	13.0	13.0	12.2	15.6
1960	12.4	12.8	11.7	11.9	12.3	11.7	11.7	11.7	11.4	11.7	11.5	11.6	11.9
1961	11.1	11.0	10.7	10.6	10.2	10.4	10.7	10.8	10.4	10.8	10.8	10.8	10.7
1962	11.1	11.2	11.7	11.7	11.2	11.3	12.0	11.6	11.2	11.4	11.8	11.9	11.5
1963	12.3	12.8	12.6	12.3	11.9	12.3	12.9	13.2	13.6	13.6	13.6	13.0	12.8
1964	13.0	13.3	13.7	14.3	15.0	15.3	16.5	17.3	16.6	14.4	13.5	13.9	14.7
1965	14.3	14.2	14.5	13.9	13.5	12.8	12.2	11.7	11.8	12.0	12.2	11.3	12.9
1966	11.5	11.5	12.0	12.0	11.8	11.9	11.7	11.9	12.5	12.9	13.1	14.0	12.2
1967	15.2	17.6	17.3	17.6	19.3	20.3	21.0	21.8	16.7	14.8	16.2	13.4	17.6
1968	12.8	13.2	13.6	13.4	12.9	12.9	12.9	12.6	12.9	13.4	13.2	13.6	13.1
1969	14.0	14.9	16.4	16.4	16.2	16.4	16.7	16.4	16.3	16.2	15.9	16.5	16.0
1970 1/	16.2	16.3	15.9	15.8	14.5	13.8	13.2	13.1	13.8	14.2	14.2	14.1	14.6
1971 1/2	13.2	12.1	11.2	10.6	9.9	10.0	10.7						14.6
1972													14.6
1973													14.6

1/ Preliminary. 2/ Beginning May 1960 includes GSA Stockpile. 3/ Adjusted for exports. 4/ Includes 12 import duty. D - Census disclosure.

Table 8.--Corn oil: Supply, disposition and price, 1950-71

Year beginning: October	Supply			Disposition		Price per pound		
	Production	Imports	Stocks October 1	Total	Exports and shipments	Domestic disappearance	Crude Midwest mills	Refined New York
-- Million pounds --							Cents	Cents
1950	243	1/	18	261	3	247	20.2	---
1951	223	1/	12	235	2/	222	13.5	---
1952	258	1/	12	270	---	254	14.2	---
1953	252	---	16	268	---	253	14.2	---
1954	268	1	15	284	---	265	13.4	---
1955	270	---	19	289	---	267	13.5	---
1956	286	---	23	309	---	293	13.7	---
1957	291	6	16	313	---	289	13.9	---
1958	315	10	25	350	---	327	12.0	15.6
1959	332	12	24	368	---	329	12.3	16.0
1960	331	22	39	391	---	358	16.2	20.0
1961	361	26	33	420	---	370	16.8	20.5
1962	379	15	50	444	---	381	12.9	16.2
1963	413	3	63	478	---	416	10.4	13.1
1964	435	---	62	497	---	462	13.4	16.2
1965	450	10	35	495	---	439	16.6	19.7
1966	446	2	55	503	18	438	12.9	15.8
1967	442	9	47	498	25	432	14.4	17.6
1968	467	8	41	516	29	416	14.2	17.6
1969 2/	474	3	71	548	34	454	15.2	18.6
1970 2/	485	1	60	546	43	445	20.1	23.1
1971 2/			58					

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 9.--Corn oil: Utilization, by products, 1950-70

Year beginning: October	Food uses				Total	Non-food uses		Domestic disappearance	
	Shortening	Margarine	Salad and cooking oil 2/	Other		Foots and loss	Total	Total	Per capita
-- Million pounds --									Pounds
1950	1/	1/			224	20	23	247	1.6
1951	1	1/			197	22	24	222	1.4
1952	1	1			229	21	24	254	1.6
1953	1	1/			229	20	22	253	1.6
1954	3	1/			231	30	31	265	1.6
1955	2	1			243	19	20	267	1.6
1956	2	1/			270	19	20	293	1.7
1957	4	1			261	22	23	289	1.7
1958	5	13	208	77	303	23	23	327	1.9
1959	6	39	250	4	299	27	30	329	1.8
1960	11	82	224	8	326	30	32	358	2.0
1961	10	95	205	27	337	32	33	370	2.0
1962	4	128	203	8	349	32	33	381	2.0
1963	5	145	227	12	389	27	28	416	2.2
1964	9	160	242	20	431	31	32	462	2.4
1965	7	155	227	16	405	34	34	439	2.2
1966	12	173	218	1	404	33	34	438	2.2
1967	11	174	208	6	399	34	34	432	2.2
1968	11	177	187	8	383	32	32	416	2.1
1969 3/	14	181	218	6	419	35	36	454	2.2
1970 3/	8	188	202	6	404	41	41	445	2.2
1971									

1/ Less than 500,000 pounds.

2/ Factory consumption of corn oil in salad and cooking oils adjusted for oil processed for export.

3/ Preliminary.

Table 10.--Corn oil: Supply, disposition and price, 1950-71

Year	Supply				Disposition			Price per pound	
	Production	Imports	Stocks, Jan. 1	Total	Exports	Shipments	Domestic disappearance	Crude, Midwest mills	Refined, New York
-- Million pounds --									
1950	248	1/	14	262	1	---	242	16.0	21.4
1951	232	1/	18	251	3	---	234	19.0	25.0
1952	232	1/	14	246	---	---	226	13.3	18.8
1953	259	---	20	279	---	---	260	14.1	20.0
1954	255	---	19	274	---	---	255	14.0	20.9
1955	268	1	19	288	---	---	264	13.0	20.2
1956	272	---	24	296	---	---	273	14.1	20.8
1957	288	---	22	310	---	---	293	13.8	20.1
1958	296	9	17	322	---	---	291	13.4	16.7
1959	321	9	31	361	---	---	335	11.8	15.4
1960	330	16	27	373	---	---	340	13.1	16.8
1961	336	21	33	390	---	---	350	18.3	22.1
1962	365	25	31	421	---	---	376	14.6	18.2
1963	391	13	45	449	---	---	383	12.1	15.3
1964	414	---	65	479	---	---	439	11.1	13.7
1965	446	---	40	486	---	---	460	14.0	16.8
1966	447	11	26	484	---	---	430	15.1	19.2
1967	444	1	54	499	12	12	437	12.4	15.4
1968	453	11	38	502	7	16	439	15.2	18.5
1969	466	5	40	511	10	22	425	14.0	17.2
1970 2/	474	3	54	531	13	24	451	16.5	19.7
1971 2/	485	1	43	529	16	26	430	19.8	22.9
1972 2/			57						
1973									

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 11.--Corn oil: Utilization, by products, 1950-71

Year	Food uses					Non-food uses		Domestic disappearance	
	Shortening	Margarine	Salad and cooking oil 1/	Other	Total	Foots and loss	Total	Total	Per capita
-- Million pounds --									
1950	1	1	221		223	17	19	242	1.6
1951	1	4	206		211	20	23	234	1.5
1952	1	1/	200		201	22	25	226	1.4
1953	6	2	227		235	20	25	260	1.6
1954	1	2/	231		232	20	22	255	1.6
1955	3	2/	229		233	29	32	264	1.6
1956	2	1	252		254	18	19	273	1.6
1957	4	1/	267		272	19	21	293	1.7
1958	3	1	265		269	22	22	291	1.7
1959	5	20	272	12	309	23	25	335	1.9
1960	4	55	247	4	310	28	30	340	1.9
1961	14	89	210	13	326	31	33	360	2.0
1962	7	99	210	26	343	33	34	376	2.0
1963	3	136	202	10	351	31	32	383	2.0
1964	8	150	241	13	412	27	27	439	2.3
1965	8	161	239	19	427	32	33	460	2.4
1966	8	157	217	14	396	33	34	430	2.2
1967	12	176	214	1	403	33	34	437	2.2
1968	11	179	207	8	405	34	34	439	2.2
1969	13	172	198	8	391	34	34	425	2.1
1970 3/	12	185	211	6	414	37	38	451	2.2
1971 3/	5	186	193	7	391	38	38	430	2.1
1972									
1973									

1/ Factory consumption of corn oil in salad and cooking oils adjusted for oil processed for export. 2/ Less than 500,000 pounds. 3/ Preliminary.

Table 13.--Corn oil: Wet-process grindings of corn, oil production, and prices 1950-71

Calendar year	Corn		Corn oil production				Corn oil prices	
	Wet-process grindings 1/	Total	Wet-process 2/				Crude, tank cars, Denatur. 11.	Refined, tanks, N.Y.
			Total	Percent of total output	Yield per bushel of corn ground			
	Mill. bu.	Mill. lb.	Mill. lb.	Pct.	Lb.	Cts.	Cts.	
1950	131	246	235	95	1.8	16.0	21.4	
1951	129	232	221	55	1.7	19.0	25.0	
1952	126	232	216	93	1.7	13.3	18.8	
1953	130	259	242	93	1.9	24.1	20.0	
1954	131	255	230	90	1.8	14.0	20.9	
1955	138	268	244	91	1.8	13.0	20.2	
1956	141	272	252	93	1.8	14.1	20.8	
1957	139	288	271	94	1.9	13.8	20.1	
1958	144	296	266	90	1.8	13.4	16.7	
1959	153	321	283	88	1.8	11.8	15.4	
1960	153	330	281	85	1.8	13.1	16.8	
1961	157	336	310	92	2.0	18.3	22.1	
1962	171	365	303	83	1.8	14.6	18.2	
1963	185	381	320	82	1.7	12.1	15.3	
1964	194	414	367	89	1.9	11.1	13.7	
1965	205	446	358	80	1.7	14.0	16.8	
1966	204	447	351	79	1.7	16.1	19.2	
1967	207	446	373	84	1.8	12.4	15.4	
1968	3/	453	3/	3/	3/	15.2	18.5	
1969		466				14.0	17.2	
1970 4/		474				16.5	19.7	
1971 4/		485				19.8	22.9	
1972								
1973								

1/ Used in the production of starch, syrups, sugar, feed and oil from corn grain. 2/ Based on shipments of oil by wet-process industry. Prior to 1955 reported as sales of products by processors. 3/ Data no longer available. 4/ Preliminary

Table 14.--Cottonseed: Crushings and products produced, 1950-70

Year beginning August	Crushings	Production					Yield per ton crushed				
		Oil	Meal	Linters 1/	Hulls	Other, including loss 2/	Oil	Meal	Linters 1/	Hulls	Other, including loss 2/
1950	3,723	1,197	3,338	715	1,714	482	321	896	185	461	137
1951	3,476	1,751	5,095	1,056	2,469	581	320	930	185	431	114
1952	2,563	1,825	5,345	1,061	2,398	497	328	961	184	431	95
1953	6,256	2,074	5,921	1,150	2,775	592	332	946	184	444	94
1954	5,249	1,735	5,122	1,019	2,278	344	331	976	188	444	72
1955	3,288	1,894	5,261	1,041	2,498	482	339	942	180	447	92
1956	4,959	1,685	4,781	932	2,146	374	340	964	181	433	83
1957	4,247	1,438	3,916	776	1,933	431	338	922	176	455	108
1958	4,439	1,318	4,122	801	2,057	381	342	928	180	463	87
1959	5,491	1,861	5,095	991	2,515	520	339	928	181	458	94
1960	5,352	1,808	5,009	949	2,434	504	338	936	177	455	94
1961	5,539	1,865	5,012	976	2,650	575	337	905	176	478	104
1962	5,833	1,942	5,467	996	2,704	557	333	917	171	464	95
1963	5,887	1,981	5,580	1,007	2,679	527	336	948	171	455	90
1964	5,928	1,999	5,538	1,043	2,713	559	337	935	176	458	94
1965	5,734	1,896	5,390	997	2,599	586	331	940	174	453	102
1966	3,791	1,261	3,602	713	1,734	272	333	950	188	457	72
1967	3,107	1,036	2,900	560	1,467	251	334	934	180	472	81
1968	4,363	1,425	3,970	824	2,049	458	326	910	189	470	105
1969	3,925	1,282	3,670	742	1,810	344	327	935	189	461	88
1970 3/	3,728	1,211	3,457	724	1,745	320	325	927	194	468	95
1971											
1972											
1973											

1/ Computed from production reported in terms of equivalent 500-pound bales on the basis of net weight; 600-pound bales for August 1959 through July 1963; and running bales of varying weight. 2/ Includes notes, grabbats, and hullfibers. 3/ Preliminary.

Table 15.--Cottonseed: Acreage, yield, supply, disposition and price, 1950-71

Year beginning August	Cotton acreage		Cottonseed yield per acre		Supply				Disposition				Price per ton		
	Planted 1/	Harvested	Harvested	Planted 1/	Production	Imports	Stocks at mills, August 1	Total	Crushings	Exports	Seed used for planting 2/		Residual 3/	Season average price: received by farmers 4/	Support (purchase price)
											Total	Per acre planted 2/			
	1,000 acres	1,000 acres	Pounds	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds	1,000 tons	Dollars	Dollars
1950	18,629	17,843	460	5/44.7	4,105	1	288	4,394	3,723	6	423	30	176	86.60	47.00
1951	28,195	26,949	467	5/46.6	6,286	---	66	6,352	5,476	11	415	30	313	69.30	61.50
1952	27,185	25,921	478	5/45.5	6,190	---	137	6,327	5,563	13	406	32	190	69.60	62.40
1953	25,244	24,341	554	5/53.5	6,748	---	155	6,903	6,256	15	346	35	57	52.70	50.50
1954	19,791	19,251	593	5/58.6	5,709	---	229	5,938	5,249	21	263	30	196	60.30	50.00
1955	17,506	16,928	714	5/70.5	6,043	---	209	6,252	5,588	16	266	32	205	44.60	42.00
1956	16,833	15,615	693	5/65.7	5,407	---	177	5,584	4,959	11	222	31	228	53.40	44.00
1957	14,310	13,558	680	5/67.1	4,609	---	164	4,773	4,247	6	188	30	157	51.10	42.00
1958	12,379	11,849	810	775	4,798	---	175	4,973	4,439	4	244	31	186	43.80	41.00
1959	15,833	15,117	793	757	5,991	---	100	6,091	5,491	8	238	30	249	38.80	34.00
1960	16,080	15,309	769	732	5,886	---	105	5,991	5,392	5	281	34	165	42.60	34.00
1961	16,588	15,634	765	721	5,978	---	188	6,166	5,539	7	254	31	86	51.10	45.00
1962	16,293	15,569	789	754	6,139	---	280	6,419	5,833	10	232	31	110	47.90	44.00
1963	14,843	14,212	871	834	6,139	---	234	6,426	5,887	8	234	32	129	50.70	44.00
1964	14,835	14,055	888	840	6,237	---	168	6,405	5,926	7	222	31	94	47.10	44.00
1965	14,152	13,615	894	860	6,087	---	156	6,243	5,734	9	153	30	143	46.70	43.00
1966	10,349	9,552	829	765	3,950	6/	204	4,154	3,791	5	149	32	10	65.90	48.00
1967	9,448	7,997	803	680	3,210	5/	209	3,419	3,107	3	158	29	90	55.20	48.00
1968	10,912	10,160	913	848	4,640	6/	61	4,701	4,363	4	156	26	19	50.50	48.00
1969	11,882	11,055	735	684	4,068	---	159	4,227	3,925	23	158	26	41	41.10	37.00
1970 7/	11,945	11,160	729	682	4,068	---	80	4,148	3,728	39	159	33	4	56.40	37.00
1971 7/	12,395	11,471	740	688	4,244	---	218	4,462	---	---	---	---	---	56.80	8/
1972															
1973															

1/ In cultivation July 1, 1950-56, planted acres 1957 to date. 2/ In the following year. 3/ Mainly used on farms for feed and fertilizer. 4/ Marketing year weighted average price by States weighted by total sales in each State. 5/ Less than 500 tons. 6/ Based on acres in cultivation July 1 less acres removed to meet allotments. 7/ Preliminary. 8/ No program.

Table 16.--Cottonseed: Yield, price, and value of products per ton of seed crushed and price spread, 1950-70

Year beginning August	Per ton of seed crushed												Total value of products	Cottonseed, average price received	Spread between value of products and cottonseed farm price
	Oil			Meal			Linters			Hulls					
	Yield	Price 1/	Value	Yield	Price 1/	Value	Yield	Price 1/	Value	Yield	Price 1/	Value			
Pounds	Cents	Dollars	Pounds	Cents	Dollars	Pounds	Cents	Dollars	Pounds	Cents	Dollars	Dollars	Dollars	Dollars	
1950	321	20.37	65.39	896	3.57	31.99	185	16.21	29.99	461	.90	4.15	131.52	86.60	44.92
1951	320	12.97	41.50	930	3.87	35.99	185	8.68	16.06	451	.87	3.92	97.47	69.30	28.17
1952	326	14.20	46.58	961	3.61	34.69	184	5.95	10.95	431	.86	3.71	95.93	69.60	26.33
1953	332	13.39	44.45	946	3.06	28.95	184	4.58	8.43	444	.58	2.58	84.41	52.70	31.71
1954	331	13.18	43.63	976	3.15	30.74	188	3.94	7.41	434	.71	3.08	84.85	60.30	24.56
1955	339	12.86	46.99	942	2.56	24.12	180	3.76	6.77	447	.28	1.25	79.13	44.60	34.53
1956	340	13.27	45.12	964	2.60	25.06	181	5.08	9.19	433	2/ .35	1.52	80.89	53.40	27.49
1957	338	13.36	45.16	922	2.78	25.63	176	4.36	7.67	455	.35	1.29	80.05	51.10	28.95
1958	342	11.43	39.09	928	3.03	28.12	180	3.43	6.14	463	.35	1.62	74.97	43.80	31.17
1959	339	9.56	33.76	928	2.78	25.80	181	3.85	6.97	458	.35	1.60	68.13	38.80	29.33
1960	338	11.64	39.34	936	2.76	25.83	177	4.10	7.26	455	.35	1.59	74.02	42.60	31.42
1961	337	12.39	41.75	905	2.96	26.79	176	5.25	9.24	478	.50	2.39	80.17	51.10	29.07
1962	333	10.37	34.53	937	3.28	30.73	171	3.85	6.58	464	.75	3.48	75.32	47.90	27.42
1963	335	9.87	33.16	948	3.17	30.05	171	3.50	5.98	455	.75	3.41	72.60	50.70	21.90
1964	337	11.52	38.82	935	3.00	28.02	176	3.89	6.85	458	.75	3.44	77.07	47.10	29.97
1965	331	12.83	42.47	940	3.44	32.34	174	4.24	7.38	453	.90	4.08	86.27	46.70	39.57
1966	333	12.89	42.92	950	3.93	37.34	188	6.62	12.45	457	1.10	5.03	97.74	55.90	41.84
1967	333	12.67	42.19	934	3.87	36.15	180	5.61	10.10	472	1.10	5.19	93.63	55.20	38.43
1968	326	11.56	37.69	910	3.34	30.39	189	4.57	8.63	470	1.15	5.41	82.12	50.50	31.62
1969	327	12.05	39.40	935	3.55	33.19	189	3.68	6.96	461	1.48	6.82	86.37	41.10	45.27
1970 3/	325	14.70	47.78	927	3.68	34.11	194	3.83	7.43	468	1.15	5.38	94.70	56.40	38.30
1971															
1972															
1973															

1/ Simple average price per pound for the 12 months of the marketing year beginning August using the following quotations: Cottonseed oil, crude, f.o.b. Valley points; cottonseed meal, 41 percent protein, bulk, carlots, Memphis; cottonseed hulls, carload lots, Atlanta; linters weighted average price for all grades and market points, f.o.b. mills. 2/ Estimate by ERS beginning in 1956. 3/ Preliminary.

Table 17.--Cottonseed: Harvested acreage, production, crushings, and price, by regions, 1960-71

Year beginning August	West 1/		Southwest 2/		Valley 3/		Southeast 4/		United States
	1,000 acres	Percent of U.S.	1,000 acres	Percent of U.S.	1,000 acres	Percent of U.S.	1,000 acres	Percent of U.S.	
Cotton acreage harvested									
1960	1,577	10.3	6,955	45.4	4,284	28.0	2,493	16.3	15,309
1961	1,409	9.0	7,205	46.1	4,404	28.2	2,616	16.7	15,634
1962	1,418	9.1	7,112	45.7	4,434	28.5	2,605	16.7	15,569
1963	1,310	9.2	6,440	45.3	4,042	28.5	2,420	17.0	14,212
1964	1,306	9.3	6,250	44.5	4,080	29.0	2,421	17.2	14,058
1965	1,241	9.1	6,120	45.0	3,974	29.2	2,280	16.7	13,615
1966	1,006	10.5	4,348	45.5	2,774	29.1	1,424	14.9	9,552
1967	957	11.8	3,895	49.2	2,262	27.8	883	11.2	7,997
1968	1,138	11.2	4,505	44.3	3,049	30.0	1,468	14.5	10,160
1969	1,159	10.5	5,140	46.5	3,357	30.4	1,398	12.6	11,055
1970	1,080	9.7	5,346	47.9	3,354	30.0	1,380	12.4	11,160
1971 5/	1,180	10.3	5,131	44.7	3,708	32.3	1,452	12.7	11,471
Cottonseed production									
	1,000 tons	Percent of U.S.	1,000 tons	Percent of U.S.	1,000 tons	Percent of U.S.	1,000 tons	Percent of U.S.	1,000 tons
1960	1,256	21.3	2,006	34.1	1,834	31.2	789	13.4	5,886
1961	1,151	19.3	2,192	36.7	1,870	31.3	765	12.7	5,978
1962	1,258	20.5	2,140	34.9	1,938	31.6	803	13.0	6,139
1963	1,125	18.2	1,945	31.4	2,186	35.3	936	15.1	6,192
1964	1,145	18.4	1,863	29.9	2,240	35.9	989	15.8	6,237
1965	1,104	18.1	2,051	33.7	2,065	33.9	867	14.3	6,087
1966	787	19.9	1,410	35.6	1,282	32.4	481	12.1	3,960
1967	706	22.0	1,274	39.7	947	29.5	283	8.8	3,210
1968	1,068	23.0	1,602	34.5	1,532	33.0	438	9.5	4,640
1969	866	21.3	1,303	32.0	1,485	36.5	414	10.2	4,068
1970	760	18.7	1,321	32.4	1,510	37.1	477	11.7	4,068
1971 5/	783	18.4	1,125	26.5	1,768	41.7	568	13.4	4,244
Cottonseed crushed									
	1,000 tons	Percent of U.S.	1,000 tons	Percent of U.S.	1,000 tons	Percent of U.S.	1,000 tons	Percent of U.S.	1,000 tons
1960	1,102	20.6	1,886	35.2	1,664	31.1	700	13.1	5,352
1961	992	17.9	1,927	34.8	1,884	34.0	736	13.3	5,539
1962	1,139	19.5	2,087	35.8	1,865	32.0	742	12.7	5,833
1963	1,011	17.2	1,961	33.3	2,092	35.5	823	14.0	5,887
1964	919	15.5	1,951	32.9	2,192	37.0	864	14.6	5,926
1965	985	17.2	1,804	32.2	1,990	34.7	915	15.9	5,734
1966	866	17.6	1,366	36.0	1,292	34.1	467	12.3	3,791
1967	682	22.0	1,246	40.1	922	29.7	257	8.2	3,107
1968	960	22.0	1,644	37.7	1,396	32.0	363	8.3	4,363
1969	903	23.0	1,249	31.8	1,471	37.5	302	7.7	3,925
1970 5/	800	21.5	1,160	31.1	1,449	38.9	319	8.6	3,728
1971									
Season average price received by farmers for cottonseed									
	Dol.	Percent of U.S.	Dol.	Percent of U.S.	Dol.	Percent of U.S.	Dol.	Percent of U.S.	Dol.
1960	49.32	115	41.05	96	39.70	93	36.32	85	42.60
1961	55.28	108	51.05	100	48.67	95	44.97	88	51.10
1962	50.18	105	47.30	99	46.26	97	44.83	94	47.90
1963	49.38	97	52.75	104	50.44	99	46.72	92	50.70
1964	47.82	102	47.60	101	46.49	99	43.07	91	47.10
1965	47.72	102	46.45	99	45.66	98	42.97	91	46.70
1966	61.49	93	66.45	101	65.14	99	62.40	95	65.90
1967	53.90	98	56.30	102	55.00	100	51.48	93	55.20
1968	51.85	103	49.80	99	49.59	98	49.30	98	50.50
1969	41.00	100	43.55	106	41.02	100	40.12	98	41.10
1970	62.63	110	56.60	100	53.84	95	50.05	89	56.40
1971 5/	61.93	90	56.65	100	56.10	99	50.48	89	56.80

1/ West includes California, Arizona, New Mexico, and Nevada. 2/ Southwest includes Texas and Oklahoma. 3/ Valley includes Missouri, Arkansas, Tennessee, Mississippi, Louisiana, Illinois, and Kentucky. 4/ Southeast includes Virginia, North Carolina, South Carolina, Georgia, Florida, and Alabama. 5/ Preliminary.

Table 18.--Cottonseed: Production, farm disposition, price, and value, 1950-71

Year beginning August	Farm disposition			Season average price per ton received by farmers	Value		Used for planting 2/
	Production	Other 1/	Sales to oil mills		Production	Sales to oil mills	
	-- 1,000 tons --			Dollars	-- 1,000 dollars --		1,000 tons
1950	4,105	603	3,502	86.60	354,593	303,406	423
1951	6,286	740	5,546	69.30	435,891	384,383	415
1952	6,190	609	5,581	69.60	430,959	388,425	405
1953	6,748	418	6,330	52.70	355,252	333,350	346
1954	5,709	480	5,229	60.30	344,175	315,192	263
1955	6,043	487	5,556	44.60	269,262	247,601	266
1956	5,407	427	4,980	53.40	288,264	266,152	221
1957	4,609	335	4,274	51.10	237,367	218,368	188
1958	4,798	416	4,382	43.80	210,262	191,892	243
1959	5,991	486	5,505	38.80	232,115	213,512	238
1960	5,886	484	5,402	42.60	249,977	230,078	281
1961	5,978	396	5,622	51.10	305,310	287,377	254
1962	6,139	336	5,803	47.90	293,845	277,604	231
1963	6,132	341	5,851	50.70	314,219	296,608	234
1964	6,237	308	5,929	47.10	293,838	278,905	222
1965	6,087	251	5,836	46.70	284,412	272,713	153
1966	3,960	217	3,743	65.90	261,008	246,622	149
1967	3,210	193	3,017	55.20	177,406	166,664	158
1968	4,640	199	4,441	50.50	234,492	224,464	156
1969	4,068	205	3,863	41.10	167,254	158,727	158
1970	4,068	236	3,832	56.40	229,606	216,534	163
1971 3/	4,244	226	4,018	56.80	241,156	228,400	182
1972							

1/ Includes planting seed, exports, some sales between farms, shrinkage, losses and other uses. 2/ Used for planting crop of succeeding year. 3/ Preliminary.

Table 19.--Cottonseed oil mills: Number, volume of crush, oil and meal production, total and per mill, selected years, 1925-67

Year beginning August	Number of mills	Cottonseed crushed		Cottonseed oil production		Cottonseed meal production	
		Total	Per mill	Total	Per mill	Total	Per mill
		1,000 tons	1,000 tons		-- Million pounds --		
1925	563	5,558	9.9	1,617	2.9	5,193	9.2
1930	510	4,715	9.2	1,442	2.8	4,330	8.5
1935	471	3,818	8.1	1,164	2.5	3,478	7.4
1940	446	4,398	9.9	1,425	3.2	3,907	8.8
1945	360	3,262	9.1	1,018	2.8	2,869	8.0
1946	346	3,090	8.9	973	2.8	2,725	7.9
1947	346	4,082	11.8	1,276	3.7	3,797	11.0
1948	346	5,332	15.4	1,704	4.9	4,782	13.8
1951	328	5,476	16.7	1,751	5.3	5,095	15.5
1952	303	5,563	18.4	1,825	6.0	5,345	17.6
1954	286	5,249	18.4	1,735	6.1	5,122	17.9
1957	222	4,247	19.1	1,438	6.5	3,916	17.6
1958	214	4,439	20.7	1,518	7.1	4,122	19.3
1963	188	5,887	31.3	1,981	10.5	5,580	29.7
1967	150	3,107	20.7	1,036	6.9	2,900	19.3

SOURCE: Compiled from Cotton Production and Distribution Bulletin, Bureau of the Census, Census of Manufactures, and KRS analysis.

Table 20.--Cottonseed: Crushings and production of products, by States, year beginning August, 1965-70

State	1965-66					1966-67				
	Crushings	Production				Crushings	Production			
		Oil	Meal	Linters	Hulls		Oil	Meal	Linters	Hulls
	1,000 tons	Mil. lb.	1,000 tons	Mil. lbs.	1,000 tons	1,000 tons	Mil. lb.	1,000 tons	Mil. lb.	1,000 tons
Alabama	195	64	93	41	43	136	44	64	30	27
Arizona	262	92	120	---	59	213	72	108	35	47
Arkansas	513	173	243	87	114	316	103	138	60	67
California	568	203	262	---	123	418	151	203	85	86
Georgia	266	87	125	58	51	152	50	73	36	26
Louisiana	149	47	70	25	34	134	48	62	25	30
Mississippi	795	258	379	142	165	564	188	273	106	117
North Carolina	60	21	28	13	10	1/	1/	1/	1/	1/
Oklahoma	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
South Carolina	133	46	64	31	25	75	25	38	17	11
Tennessee	413	136	193	69	92	235	80	106	47	50
Texas	1,762	564	828	262	446	1,365	440	648	232	364
All other	618	204	289	271	137	182	61	88	40	43
United States	5,734	1,896	2,695	997	1,299	3,791	1,261	1,801	713	867
	1967-68					1968-69				
Alabama	68	22	32	14	12	95	31	45	21	19
Arizona	168	59	84	24	36	310	105	143	55	69
Arkansas	188	64	93	34	52	363	121	167	75	93
California	396	134	189	70	88	554	180	238	104	126
Georgia	84	24	35	15	12	120	39	57	28	21
Louisiana	130	43	58	23	30	158	51	70	27	38
Mississippi	426	142	199	83	94	615	201	282	120	135
North Carolina	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Oklahoma	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
South Carolina	48	16	24	9	8	75	24	34	18	18
Tennessee	99	20	43	20	26	92	30	44	21	14
Texas	1,188	383	539	189	306	259	85	116	52	57
All other	314	131	154	80	70	1,453	472	658	251	371
United States	3,107	1,036	1,450	560	734	4,363	1,425	1,985	824	1,025
	1969-70					1970-71				
Alabama	97	32	48	21	20	114	36	54	25	25
Arizona	208	71	97	38	46	143	49	66	27	31
Arkansas	413	135	191	82	98	371	121	169	74	91
California	414	139	190	78	97	402	135	184	83	94
Georgia	119	39	55	33	22	117	40	57	24	23
Louisiana	132	43	60	26	31	109	34	50	20	25
Mississippi	540	176	257	104	112	655	212	305	133	139
North Carolina	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Oklahoma	100	32	48	18	23	1/	1/	1/	1/	1/
South Carolina	63	21	30	14	10	39	23	36	15	11
Tennessee	260	86	121	49	55	226	73	102	42	52
Texas	1,149	366	533	190	293	1,116	355	518	197	289
All other	430	142	205	89	98	406	133	188	84	92
United States	3,925	1,242	1,835	742	905	3,728	1,211	1,729	724	872

1/ Included in "All other States" to avoid disclosing figures for individual companies.

Table 21.--Cottonseed: Crushings and yields of oil and meal per ton crushed, and price, by months, crop years 1958-71

Year beginning August	Crushings												Total or average
	August	September	October	November	December	January	February	March	April	May	June	July	
	-- 1,000 tons --												
1958	148	307	711	590	547	547	440	433	384	179	117	97	4,439
1959	149	502	778	723	656	633	575	528	374	252	177	143	5,491
1960	140	413	758	742	613	667	526	480	402	292	176	143	5,352
1961	144	334	750	753	629	659	598	539	437	298	215	183	5,539
1962	228	513	752	778	640	707	627	548	417	290	176	153	5,833
1963	221	485	726	745	637	697	615	544	451	348	242	174	5,926
1964	170	392	679	733	709	683	612	630	472	382	260	206	5,926
1965	152	411	644	716	701	714	655	608	415	333	228	156	5,734
1966	152	205	506	550	530	503	379	381	217	133	104	82	3,791
1967	138	106	307	497	426	429	342	293	231	148	103	87	3,107
1968	73	125	504	523	537	570	477	442	385	336	236	153	4,353
1969	119	161	479	501	506	497	453	422	308	220	160	100	3,925
1970 1/	84	98	417	477	471	463	439	410	310	238	186	134	3,728
1971 1/	139	109	349	458	484	474	425	480					
1972													
1973													
	Yield of oil per ton crushed												
	-- Pounds --												
1958	365	314	336	343	337	344	347	344	360	305	356	359	342
1959	337	326	336	336	336	335	341	343	350	344	354	359	339
1960	349	323	340	336	336	336	340	340	343	345	343	336	338
1961	339	327	340	341	334	333	336	338	335	330	348	347	337
1962	329	326	327	328	330	329	333	338	341	348	354	335	333
1963	319	323	336	338	333	332	336	342	343	342	348	348	336
1964	329	324	335	332	332	333	336	339	348	353	358	352	337
1965	329	323	329	330	329	326	328	332	335	340	356	327	331
1966	322	331	327	333	331	334	334	338	341	325	345	327	333
1967	328	317	329	336	331	336	333	338	330	354	343	314	334
1968	314	317	323	320	323	327	327	329	331	334	339	329	326
1969	313	317	326	322	320	323	334	332	334	332	332	333	327
1970 1/	317	312	322	321	324	327	322	327	332	331	327	325	329
1971 1/	338	316	320	325	319	319	318	321					
1972													
1973													
	Yield of meal per ton crushed												
1958	940	881	924	950	992	922	917	902	937	959	945	934	928
1959	939	905	925	931	925	916	928	934	941	926	940	921	928
1960	981	917	929	931	938	930	941	936	942	944	966	931	936
1961	950	895	906	911	912	908	898	901	879	879	928	929	905
1962	905	927	933	941	936	926	940	940	950	952	965	942	937
1963	914	920	954	949	957	937	950	953	944	949	965	1,006	948
1964	972	920	933	925	922	923	927	937	943	951	970	959	935
1965	946	930	924	945	949	935	932	945	951	944	961	929	940
1966	930	929	940	946	941	944	945	966	966	947	939	929	950
1967	953	928	921	922	925	924	944	957	934	934	925	896	934
1968	919	873	919	918	918	896	906	908	908	921	899	910	910
1969	959	931	925	918	949	936	942	937	936	936	927	937	935
1970 1/	907	926	930	919	926	932	922	937	935	932	924	914	927
1971 1/	955	926	923	912	908	897	900	905					
1972													
1973													
	Average price per ton received by farmers, United States, 2/												
	-- Dollars --												
1958	47.60	45.50	43.20	43.50	43.00	43.30	43.80	45.40				42.00	43.80
1959	42.80	37.90	38.90	38.80	39.10	39.60	39.80	39.80				38.00	38.80
1960	38.90	39.20	42.60	44.40	45.20	44.60	44.70	44.80				49.00	42.60
1961	49.90	47.50	52.90	52.40	51.50	50.90	51.50	50.90				49.00	51.10
1962	47.40	47.30	47.80	48.10	47.60	48.20	48.50	49.00				49.00	47.90
1963	50.60	49.60	51.50	51.80	50.70	49.00	48.70	46.30				46.00	50.70
1964	44.90	44.70	47.30	47.70	48.60	49.20	48.20	47.70				46.00	47.10
1965	45.80	46.30	46.70	46.40	47.80	47.80	47.50					46.70	46.70
1966	62.90	65.50	65.90	65.60	65.90	65.30	63.30	63.50				59.00	65.90
1967	52.00	51.80	54.10	56.00	57.00	56.40	57.80	56.10					55.20
1968	62.90	51.00	50.50	50.50	50.30	49.90	50.20	49.90					50.50
1969	37.00	37.80	40.20	42.30	44.20	46.50	47.00	47.10					41.10
1970 1/	50.00	51.10	56.00	56.50	58.00	60.00	58.90	58.20					56.40
1971 1/	60.00	58.40	55.80	58.10	56.90	54.97	54.30	55.90					56.80
1972													
1973													

1/ Preliminary. 2/ Monthly prices by States weighted by sales to obtain a weighted average for the United States; season average prices by States weighted by sales during the crop marketing season to obtain the United States average.

Table 22.--Cottonseed and cottonseed oil: Crushings, production, exports and stocks, by quarters, 1964-71

Year and quarter	Cottonseed			Crude cottonseed oil							Refined cottonseed oil				Total cottonseed oil			
	Received at crushing mills	Crushings	Stocks at mills, end of period	Production	Used in refining	Refining loss 1/	Exports	Stocks, end of period			Production: once-refined	Exports		Stocks, end of period once-refined 3/	Production (crude)	Exports	Stocks, end of period	
								Oil mills	Factory and warehouses	Total		Once-refined	Refined and further processed 2/					
Thou. tons	Thou. tons	Thou. tons	Mil. lb.	Mil. lb.	Mil. lb.	Pct.												
-- Million pounds --																		
1964/65																		
Aug.-Oct.	3,056	1,241	1,983	410	319	16	5.0	32	54	49	103	303	106	54	347	410	192	450
Nov.-Jan.	2,595	2,121	2,457	704	580	37	6.4	89	55	79	134	543	75	39	385	704	203	519
Feb.-Apr.	154	1,715	896	584	525	35	6.7	56	40	98	138	491	59	46	445	584	161	583
May-July	108	849	156	301	330	19	5.8	59	18	56	74	310	66	17	347	301	142	421
Year	5,913	5,926	156	1,999	1,794	107	6.1	237	18	56	74	1,647	306	156	347	1,999	699	421
1965/66																		
Aug.-Oct.	3,044	1,207	1,993	395	343	18	5.2	20	43	37	80	325	78	6	164	395	104	244
Nov.-Jan.	2,446	2,131	2,308	700	582	30	5.2	60	50	51	101	551	53	13	212	700	126	313
Feb.-Apr.	245	1,679	874	556	552	30	5.4	27	33	86	119	518	45	12	290	556	82	409
May-July	47	717	204	245	317	19	6.0	13	10	42	52	298	15	11	249	245	39	301
Year	5,782	5,734	204	1,896	1,794	101	5.6	120	10	42	52	1,692	191	40	249	1,896	352	301
1966/67																		
Aug.-Oct.	1,595	863	936	282	225	12	5.3	2	42	28	70	213	7	4	176	282	13	246
Nov.-Jan.	2,054	1,582	1,407	526	454	26	5.7	4	60	76	136	429	6	5	299	526	14	435
Feb.-Apr.	68	977	499	329	369	20	5.4	2	44	92	136	348	23	14	340	329	39	477
May-July	79	369	209	124	217	14	6.5	2	10	28	78	203	4	4	260	124	10	298
Year	1,796	3,791	209	1,261	1,265	72	5.7	10	10	28	38	1,193	40	27	260	1,261	77	298
1967/68																		
Aug.-Oct.	927	551	585	180	146	10	6.8	1	35	26	61	136	6	5	138	180	12	199
Nov.-Jan.	1,764	1,351	997	452	392	20	5.1	5	47	43	90	372	2	6	224	452	13	314
Feb.-Apr.	237	866	367	289	321	22	6.9	2	23	38	61	300	5	7	251	289	14	312
May-July	33	339	61	115	165	9	5.5	2	3	18	21	156	2	7	137	115	11	158
Year	2,961	3,107	61	1,036	1,024	61	6.0	10	3	18	21	924	15	25	137	1,036	51	158
1968/69																		
Aug.-Oct.	1,888	702	1,248	225	167	8	4.8	2	34	30	64	159	1	4	90	225	8	153
Nov.-Jan.	2,237	1,631	1,853	528	412	18	4.4	4	62	83	145	394	18	7	201	528	29	346
Feb.-Apr.	218	1,304	768	429	380	20	5.0	30	49	66	115	370	15	9	316	429	54	461
May-July	117	726	152	243	293	17	6.1	8	14	50	64	276	18	15	376	243	41	440
Year	4,460	4,363	159	1,425	1,261	62	5.0	44	14	50	64	1,199	52	35	376	1,425	132	440
1969/70																		
Aug.-Oct.	1,895	759	1,296	244	236	14	6.1	14	28	20	48	222	37	9	325	244	60	373
Nov.-Jan.	1,777	1,504	1,568	484	381	21	5.4	22	55	52	107	348	121	9	265	484	153	51
Feb.-Apr.	113	1,183	498	394	374	22	5.9	21	25	57	82	306	89	22	243	394	133	69
May-July	62	480	80	159	200	12	5.9	14	5	40	45	198	67	10	169	159	92	214
Year	3,846	3,925	80	1,282	1,192	69	5.8	71	5	40	45	1,075	314	50	169	1,282	437	214
1970/71																		
Aug.-Oct.	1,308	599	789	191	135	9	6.6	9	29	31	60	126	28	1	80	191	39	140
Nov.-Jan.	2,409	1,412	1,786	458	366	25	6.9	24	44	40	84	341	71	5	118	458	100	202
Feb.-Apr.	87	1,160	713	378	330	24	7.3	14	27	64	91	306	79	2	175	378	96	266
May-July	63	558	218	183	215	16	7.7	16	12	54	66	199	105	2	101	183	123	167
Year	3,866	3,728	218	1,211	1,046	74	7.1	64	12	54	66	972	283	11	101	1,211	359	167
1971/72																		
Aug.-Oct.	1,404	597	1,024	193	169	12	7.2	10	28	27	55	157	32	1	75	193	44	130
Nov.-Jan.	2,331	1,416	1,938	454	342	19	6.4	21	55	44	99	320	92	6	141	454	118	239

1/ Represents difference between crude oil used in refining and refined oil production. 2/ Includes hydrogenated oil. 3/ Includes stearin and oils not fully refined.
SOURCE: Bureau of Census.

Table 23.--Cottonseed oil: Supply, disposition, oil equivalent of exports of cottonseed, and price, 1950-70

Year beginning August	Supply				Disposition		Cottonseed (oil equivalent of exports)	Price per tank cars, crude Valley Cents
	Production	Imports	Stocks, August 1	Total	Exports and shipments	Domestic disappearance		
-- Million pounds --								
1950	1,197	---	215	1,412	61	1,184	2	20.4
1951	1,751	---	167	1,918	120	1,396	3	13.0
1952	1,825	1/	402	2,227	55	1,202	4	14.2
1953	2,074	---	971	3,045	351	1,698	5	13.4
1954	1,735	---	996	2,731	684	1,650	7	13.2
1955	1,894	---	398	2,292	634	1,375	5	12.9
1956	1,685	---	284	1,969	434	1,333	4	13.3
1957	1,438	---	202	1,640	286	1,186	2	13.4
1958	1,518	---	168	1,686	342	1,132	2	11.5
1959	1,861	---	212	2,073	522	1,263	3	10.0
1960	1,808	---	287	2,095	2/390	1,455	2	11.6
1961	1,865	---	250	2,115	2/470	3/1,430	2	12.4
1962	1,942	---	324	2,266	2/374	1,379	3	10.4
1963	1,981	---	514	2,495	2/483	1,387	3	9.9
1964	1,999	---	624	2,624	2/701	3/1,611	2	11.5
1965	1,896	---	421	2,317	354	1,662	3	12.8
1966	1,261	4/17	301	1,579	79	1,201	2	12.9
1967	1,036	5	298	1,338	52	1,129	1	12.7
1968	1,425	7	158	1,590	134	1,017	1	11.6
1969	1,282	---	440	1,722	439	1,069	8	12.0
1970 5/	1,211	---	214	1,425	359	898	13	14.7
1971			167					
1972								
1973								

1/ Less than 500,000 pounds. 2/ Includes estimates of foreign donations not reported by Census; beginning January 1965 foreign donations reported by Census. 3/ Factory consumption figures used for years in which reported factory consumption exceeds domestic disappearance. 4/ Includes 7 million pounds imported in July 1967 not shown in Census report. 5/ Preliminary.

Table 24.--Cottonseed oil: Utilization, by products, 1950-70

Year beginning August	Food uses					Nonfood uses			Total domestic disappearance
	Shortening	Margarine	Salad and cooking oils	Other	Total	Feeds and loss	Other	Total	
-- Million pounds --									
1950	356	322	399		1,077	98	9	107	1,184
1951	412	392	463		1,267	123	6	129	1,396
1952	329	283	459		1,071	125	4	129	1,202
1953	573	354	629		1,556	132	4	136	1,698
1954	547	322	669		1,544	99	6	105	1,650
1955	354	286	611		1,251	115	9	124	1,375
1956	286	273	689		1,247	78	8	86	1,333
1957	247	163	665		1,075	105	7	112	1,186
1958	233	124	640	39	1,036	89	7	96	1,132
1959	332	122	670	20	1,144	115	4	119	1,263
1960	380	158	775	7	1,320	127	7	134	1,455
1961	356	110	847	10	1,323	101	7	108	1/1,430
1962	340	103	732	85	1,260	112	6	118	1,379
1963	351	103	808	19	1,281	95	11	106	1,387
1964	365	102	1,000	20	1,487	107	16	123	1/1,611
1965	453	119	952	27	1,552	101	10	111	1,662
1966	286	90	719	25	1,120	72	8	80	1,201
1967	270	74	682	35	1,061	59	9	68	1,129
1968	222	68	614	42	946	64	6	70	1,017
1969	296	73	576	52	997	69	9	78	1,069
1970 2/	203	65	501	48	817	70	11	81	898
1971									
1972									
1973									

1/ Factory consumption figures used for years in which reported factory consumption exceeds domestic disappearance. 2/ Preliminary.

Table 25.--Cottonseed oil: Supply, disposition, oil equivalent of cottonseed, and price, 1950-71

Year	Supply				Disposition			Cottonseed (oil equivalent of exports)	Price per pound (tankcars, crude, Valley Cents)
	Production	Imports	Stocks, Jan. 1	Total	Exports	Shipments to U.S. Territories	Domestic disappearance		
-- Million pounds --									
1950	1,506	---	408	2,014	140	1/	1,602	3	15.7
1951	1,417	---	272	1,689	61	---	1,148	2	18.3
1952	1,717	1/	479	2,196	105	---	1,346	3	12.8
1953	1,877	1/	745	2,622	76	---	1,288	4	14.0
1954	2,000	---	1,258	2,858	566	---	1,852	4	13.3
1955	1,810	---	814	2,624	603	---	1,451	7	12.4
1956	1,827	---	570	2,397	619	---	1,363	4	13.6
1957	1,569	---	416	1,985	412	---	1,316	4	13.3
1958	1,435	---	257	1,692	161	---	1,144	2	12.5
1959	1,687	---	387	2,074	519	---	2/1,210	2	11.0
1960	1,816	---	454	2,270	452	---	2/1,393	2	9.9
1961	1,794	---	427	2,221	395	---	2/1,440	2	12.9
1962	1,945	---	392	2,337	439	---	2/1,411	4	11.4
1963	1,917	---	530	2,447	392	---	1,351	2	10.2
1964	1,933	---	694	2,627	667	---	2/1,507	3	10.3
1965	1,974	---	505	2,480	565	0	1,614	2	11.6
1966	1,675	1	300	1,976	184	2	1,408	3	14.1
1967	1,108	17	382	1,507	74	2	1,179	2	11.8
1968	1,115	11	252	1,378	60	2	1,044	1	13.0
1969	1,426	---	273	1,699	261	2	1,037	2	10.8
1970 3/	1,212	1/	399	1,611	374	1	1,051	8	13.4
1971 3/	1,209	1/	184	1,393	401	1	804	12	15.2
1972									
1973									

1/ Less than 500,000 pounds. 2/ Factory consumption figures used for years in which reported factory consumption exceeds domestic disappearance. 3/ Preliminary.

Table 26.--Cottonseed oil: Utilization, by products, 1950-71

Year	Food					Nonfood			Total domestic disappearance
	Shortening	Margarine	Salad and cooking oils	Other	Total	Feeds and loss	Other	Total	
-- Million pounds --									
1950	549	430		467	1,445	148	10	159	1,602
1951	335	334		373	1,043	98	7	105	1,148
1952	388	354		477	1,218	123	5	128	1,346
1953	376	275		505	1,156	128	4	132	1,288
1954	640	397		688	1,725	123	4	127	1,852
1955	439	278		624	1,341	103	7	110	1,451
1956	323	283		647	1,252	100	10	110	1,363
1957	272	237		714	1,223	88	6	94	1,316
1958	239	145		644	1,028	109	6	115	1,144
1959	320	124	650	14	1,108	95	6	101	1/1,210
1960	365	136	752	18	1,271	117	5	122	1/1,393
1961	356	139	818	10	1,323	112	6	118	1/1,440
1962	367	106	817	8	1,298	105	6	111	1/1,411
1963	330	104	700	111	1,245	108	7	125	1,351
1964	378	101	906	32	1,397	97	13	110	1/1,507
1965	403	114	915	62	1,494	105	16	121	1,614
1966	370	106	746	83	1,304	93	10	103	1,408
1967	271	78	625	128	1,104	66	9	75	1,179
1968	248	70	541	125	984	54	7	61	1,044
1969	248	76	513	122	959	73	7	80	1,037
1970 2/	276	68	527	104	975	67	10	77	1,051
1971 2/	188	63	442	48	721	71	11	82	804
1972									
1973									

1/ Factory consumption figures used for years in which reported factory consumption exceeds domestic disappearance. 2/ Preliminary.

Table 28.--Cottonseed cake and meal: Supply, disposition and price, 1950-70

Year beginning August	Supply				Disposition			Price per ton	
	Production	Imports	Stocks, Aug. 1 /	Total supply	Exports and shipments	Feed and other uses 2/	Total disposition	Bulk	Memphis, 41% protein
-- 1,000 tons --									
1950	1,669	100	137	1,906	12	1,822	1,834		
1951	2,548	147	72	2,767	44	2,678		71.40	
1952	2,672	185	45	2,902	27	2,755	2,722	77.35	
1953	2,951	78	336	3,375	59	2,992	2,782	72.25	
1954	2,551	30	208	2,799	158	2,439	2,951	61.20	
1955	2,631	51	203	2,885	196	2,525	2,597	63.05	
1956	2,390	64	164	2,618	32	2,334	2,721	51.30	
1957	1,958	52	252	2,262	10	2,140	2,366	52.10	
1958	2,051	150	112	2,323	6	2,202	2,150	55.60	
1959	2,547	32	116	2,696	147	2,359	2,208	60.55	
							2,506	55.65	
1960	2,504	43	190	2,738	57	2,538	2,595	55.10	
1961	2,505	72	143	2,721	7	2,580	2,587	59.25	
1962	2,734	45	134	2,913	97	2,625	2,722	65.60	
1963	2,790	33	190	3,013	55	2,709	2,754	63.35	
1964	2,769	14	249	3,032	145	2,720	2,865	59.50	
1965	2,695	43	168	2,906	109	2,653	2,772	68.80	
1966	1,801	99	134	1,994	9	1,838	1,847	78.55	
1967	1,450	47	148	1,646	3	1,483	1,486	77.46	
1968	1,985	33	153	2,176	17	2,005	2,022	66.70	
1969	1,835	2	155	1,992	24	1,870	1,894	71.00	
1970 3/	1,729	2	98	1,829	50	1,667	1,717		
1971 3/			110					73.50	

1/ Stocks at crushing mills. 2/ Includes small quantities of cottonseed meal used for fertilizer on farms of cotton growers. 3/ Preliminary.

Table 29.--Cotton linters: Supply and disposition, 1950-70

Year beginning August	Supply				Disposition			
	Stocks August 1 /	Production 2/ 3/	Net imports 4/	Total	Consumption 1/	Exports 1/	Destroyed 1/	Total 1/
-- 1,000 bales --								
1950	455	1,244	103	1,803	1,396	92	1	1,488
1951	254	1,767	113	2,144	1,306	225	2	1,534
1952	548	1,799	339	2,686	1,399	107	2	1,469
1953	1,111	2,003	164	3,278	1,324	237	2	1,563
1954	1,543	1,699	186	3,428	1,474	258	25	1,757
1955	1,491	1,703	204	3,398	1,789	396	---	2,185
1956	1,026	1,507	135	2,668	1,438	334	---	1,773
1957	824	1,256	139	2,219	1,102	185	---	1,287
1958	810	1,347	172	2,329	1,210	243	---	1,453
1959	543	1,665	164	2,373	1,446	329	---	1,775
1960	465	1,595	124	2,184	1,281	339	---	1,619
1961	468	1,639	183	2,290	1,338	250	---	1,588
1962	576	1,657	113	2,346	1,328	351	---	1,679
1963	550	1,607	164	2,322	1,358	322	---	1,680
1964	601	1,661	2/153	2,415	1,366	301	---	1,687
1965	571	1,581	2/193	2,444	1,453	283	---	1,736
1966	641	1,129	2/202	1,971	1,157	179	---	1,336
1967	637	896	2/131	1,666	1,091	176	---	1,267
1968	369	1,307	2/132	1,804	1,130	171	---	1,301
1969	432	1,176	2/155	1,763	1,129	186	---	1,315
1970 5/	342	1,147	2/ 68	1,537	920	171	---	
1971							---	1,091

1/ Running bales. 2/ Prior to 1965 includes production at gins and delinting plants; thereafter such data not available. 3/ Running bales through September 1950; 600 pound equivalent gross weight bales thereafter. 4/ Bales of 500 pounds. 5/ Imports for consumption. 6/ Preliminary.

Table 30.--Cotton linters: Production by type of cut, 1950-70

Year beginning August	Quantity				Percentage of total		
	First cut 1/	Second cut 1/	Mill run 1/	Total	First cut	Second cut	Mill run
-- 1,000 bales --							
				Percent			
1950	345	798	83	1,226	28.2	65.0	6.8
1951	427	1,209	111	1,747	24.4	69.3	6.3
1952	440	1,222	114	1,777	24.8	68.8	6.4
1953	473	1,400	111	1,984	23.9	70.6	5.5
1954	377	1,203	101	1,682	22.4	71.6	6.0
1955	399	1,199	89	1,688	23.6	71.1	5.3
1956	351	1,075	72	1,499	23.5	71.7	4.8
1957	296	871	79	1,246	23.8	69.9	6.3
1958	306	970	59	1,335	22.9	72.7	4.4
1959	384	1,176	92	1,652	23.2	71.2	5.6
1960	373	1,129	80	1,582	23.6	71.4	5.0
1961	391	1,139	95	1,627	24.1	70.0	5.9
1962	406	1,143	112	1,661	24.4	68.8	6.8
1963	403	1,204	122	1,629	24.7	67.8	7.5
1964	409	1,048	115	1,572	26.0	66.7	7.3
1965	428	1,097	111	1,636	26.2	67.1	6.7
1966	370	944	105	1,419	26.1	65.5	7.4
1967	261	657	61	979	26.7	67.1	6.2
1968	270	647	80	997	27.1	64.9	8.0
1969	348	870	78	1,296	26.9	67.1	6.0
1970 2/	308	740	75	1,123	27.4	65.9	6.7
1971 2/							

1/ Linter bales vary in weight depending on kind of cut: First cut 626 lbs; second cut, 634 lbs.; and mill run, 622 lbs. in 1970.

Table 32 ---Cottonseed and cottonseed oil: Price support operations, crop years, 1941-71

Crop of	Cottonseed					Season average price received by farmers per ton	Production	Price support operations						
	Level of support 1/			Purchase level per ton to				Placed under loan or purchased under support program			Acquired by CCC			CCC carryout stocks of oil, crude basis, July 31
	Basis grade (100 per ton)	Percentage of parity 3/	Ginner 4/	Farmer 5/	As seed			As oil, crude basis	Percentage of output 6/	As seed	As oil, crude basis	CCC carryout stocks of oil, crude basis, July 31		
													Loan 2/		Purchase	Thou. tons	Mil. lb.	Thou. tons	Mil. lb.
Dol.	Dol.	Pct.	Dol.	Dol.	Dol.	Thou. tons	Thou. tons	Mil. lb.	Pct.	Thou. tons	Mil. lb.	Mil. lb.		
1941	---	---	---	---	---	47.65	4,553	---	---	---	---	---	---	
1942	7/49.00	---	139	49.00	8/47.50	45.61	5,202	---	---	---	---	---	---	
1943	7/55.00	---	142	55.00	8/53.00	52.10	4,688	---	---	---	---	---	---	
1944	7/55.00	---	138	55.00	8/53.00	52.70	4,902	---	---	---	---	---	---	
1945	7/55.00	---	136	55.00	8/53.00	51.10	3,664	---	---	---	---	---	---	
1946	NO PROGRAM	---	---	---	---	72.00	3,514	---	---	NO PROGRAM	---	---	---	
1947	NO PROGRAM	---	---	---	---	85.90	4,682	---	---	NO PROGRAM	---	---	---	
1948	NO PROGRAM	---	---	---	---	67.20	5,945	---	---	NO PROGRAM	---	---	---	
1949	2/50.65	2/46.50	90	49.50	46.50	43.40	6,559	811.5	---	12.4	805.5	198.9	82.5	
1950	51.00	47.00	73	51.00	47.00	86.60	4,105	---	---	---	---	---	---	
1951	65.50	61.50	90	65.50	61.50	69.30	6,286	5	136.2	7.8	.1	136.2	135.5	
1952	66.40	62.40	90	66.40	62.40	69.60	6,190	4	874.4	47.9	---	874.4	965.6	
1953	54.50	50.50	75	54.50	50.50	52.70	6,748	1.4	384.1	18.5	---	384.1	892.2	
1954	54.00	50.00	75	54.00	50.00	60.30	5,709	1	227.3	13.1	---	227.3	57.8	
1955	46.00	42.00	65	46.00	42.00	44.60	6,043	---	---	---	---	---	10/	
1956	48.00	44.00	70	48.00	44.00	53.40	5,407	---	---	---	---	---	---	
1957	46.00	42.00	65	46.00	42.00	51.10	4,609	---	---	---	---	---	---	
1958	45.00	41.00	65	45.00	41.00	43.80	4,798	---	180.5	11.9	---	180.5	---	
1959	38.00	34.00	57	38.00	34.00	38.80	5,991	---	---	---	---	---	---	
1960	38.00	34.00	57	38.00	34.00	42.60	5,886	---	---	---	---	---	---	
1961	49.00	44.00	79	49.00	44.00	51.10	5,978	---	---	---	---	---	---	
1962	48.00	44.00	76	48.00	44.00	47.90	6,139	---	9.0	.5	---	9.0	9.0	
1963	11/	44.00	12/70	48.00	44.00	50.70	6,192	---	---	---	---	---	---	
1964	---	44.00	70	48.00	44.00	47.10	6,237	---	168.9	---	---	168.9	120.0	
1965	---	43.00	68	47.00	43.00	46.70	6,087	---	---	---	---	---	---	
1966	---	48.00	74	52.00	48.00	65.90	3,960	---	---	---	---	---	---	
1967	---	48.00	70	52.00	48.00	55.20	3,210	---	---	---	---	---	---	
1968	---	48.00	69	52.00	48.00	50.50	4,640	---	331	23.2	---	331	331	
1969	---	37.00	50	41.00	37.00	41.10	4,068	---	---	---	---	---	---	
1970	---	37.00	50	41.00	37.00	56.40	4,068	---	---	---	---	---	---	
1971	NO PROGRAM	---	---	---	---	56.80	4,244	---	---	---	---	---	---	
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	
1973	---	---	---	---	---	---	---	---	---	---	---	---	---	

1/ Prices of cottonseed were supported during 1942-45 through purchases of oil, meal, and linters from crushers who paid support prices for cottonseed. In 1949, support was achieved through both loans to and purchases from producers, including purchases of cottonseed made through ginners acting as agents for CCC. In 1950, prices were supported through loans, purchase agreements, and purchases, including purchases of cottonseed from ginners. During 1951-54, prices were supported through loans and purchases, including purchases of oil, meal, and linters from processors and cottonseed from ginners were authorized through processors who paid support for cottonseed. In 1955-62, prices were supported through loans to producers and purchases from producers and ginners. From 1958, however, cottonseed oil purchases were authorized through processors who paid support for cottonseed. In 1963, the loan program was discontinued because only negligible quantities of cottonseed were placed under loan in earlier years. During 1963-65 support was achieved through purchases from producers and participating ginners. Cottonseed products purchase contracts were made with processors who paid support prices for cottonseed. In 1966-69, support was achieved primarily through purchase contracts with participating oil mills, whereby cottonseed products are purchased from processors who pay support prices for cottonseed. Standby net ton to ginners, or the loan settlement rate. The effective price support level was the price per gross ton paid to farmers, which was generally \$4 less than the loan settlement rate. After 1962, the expected average price to growers. For the period 1949-67, parity percentages shown relate to parity prices on the following dates: 1949, August 1; 1950, September 1; 1951, February 1; 1952, December 1, and the 1951; 1953, June 1; 1954, April 1; 1955, March 1; 1956, February 1; and 1957-69 August 1. 4/ Price per net ton, f.o.b. gin, basis grade (100). 5/ Price per gross ton, basis grade (100) except where otherwise noted. 6/ Percent of seed or oil production. 7/ Support price, f.o.b. shipping point. 8/ Support price was \$1 per ton higher in States other than Oklahoma, Texas (except Bowie County), and New Mexico. 9/ Estimated or expected average price to growers. 10/ Average grade. 11/ Less than 50,000 pounds. 12/ Loan program discontinued. 13/ Based on purchase price. Earlier years based on loan price.

Table 33 --Cottonseed oil: Summary of CCC acceptances under the 1968-Crop Cottonseed Price Support Program, by months and States

Year and month	Southwest and Far West																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Arizona		California		New Mexico		Oklahoma		Texas		Area Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1968/69													October	600	10.25	---	---	---	---	---	---	---	---	600	10.25	November	17,100	10.25	---	---	2,100	10.25	---	---	21,080	10.27	40,280	10.26	December	---	---	---	---	---	---	---	---	---	---	---	---	January	7,500	10.48	2,415	10.375	1,200	10.25	750	10.375	2,700	10.40	14,565	10.38	February	---	---	---	---	480	10.875	900	10.375	7,620	10.75	9,000	10.67	March	3,750	10.56	---	---	790	11.00	4,200	11.00	21,570	10.93	30,310	10.87	April	3,900	11.00	---	---	---	---	1,627	11.06	13,320	11.00	18,847	11.02	May	7,800	11.01	6,300	10.875	---	---	4,980	11.20	22,750	11.14	41,830	11.12	June	1,200	11.00	5,250	11.00	---	---	3,162	11.47	12,415	11.36	22,027	11.16	July	5,650	10.875	1,800	10.875	---	---	900	11.00	10,265	11.02	18,615	10.94	August	---	---	---	---	---	---	---	---	---	---	---	---	September	---	---	---	---	---	---	---	---	---	---	---	---	Total	47,500	10.59	15,765	---	4,570	10.44	16,519	---	111,720	---	196,074	---	Crude oil:	47,500	10.59	12,750	10.85	4,570	10.44	8,389	10.99	96,110	10.84	163,319	10.74	Once-refined 2/:	---	---	3,015	11.81	---	---	8,130	12.20	21,610	11.99	32,755	12.00															Valley											U.S. Total		Arkansas		Louisiana		Mississippi		Missouri		Tennessee		Area Total		Quantity	Average price 1/		Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	1,000 pound	Cents per pound		1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1968/69															October	1,800	10.72	3,300	10.67	600	10.67	300	10.73	---	---	6,000	10.70	6,600	10.61	November	9,720	10.79	4,650	10.73	14,730	10.72	3,450	10.70	3/6,000	3/11.67	38,550	10.74	78,830	10.53	December	---	---	---	---	---	---	---	---	---	---	---	---	---	---	January	---	---	---	---	6,150	10.67	300	10.50	---	---	6,450	10.58	21,015	10.44	February	5,400	10.98	3,750	10.99	18,930	11.05	1,710	10.94	900	10.89	30,690	10.97	39,690	10.86	March	6,450	11.125	3,660	11.125	11,730	11.125	540	11.125	---	---	22,380	11.125	52,690	11.00	April	3,750	11.15	3,810	11.13	6,600	11.06	---	---	---	---	14,160	11.11	33,007	11.07	May	810	11.375	4,650	11.40	8,130	11.39	---	---	---	---	13,590	11.39	55,420	11.20	June	---	---	---	---	2,464	11.69	150	11.75	---	---	2,614	11.72	24,641	11.38	July	---	---	---	---	---	---	---	---	---	---	---	---	18,615	10.94	August	---	---	---	---	---	---	---	---	---	---	---	---	---	---	September	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Total	27,930	10.97	23,820	11.02	69,334	11.02	6,450	10.81	6,900	10.89	134,434	---	330,508	---	Crude oil:	27,930	10.97	23,820	11.02	69,334	11.02	6,450	10.81	900	11.67	128,434	10.94	291,753	10.84	Once-refined 2/:	---	---	---	---	---	---	---	---	6,000	---	6,000	11.67	38,755	11.92
October	600	10.25	---	---	---	---	---	---	---	---	600	10.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
November	17,100	10.25	---	---	2,100	10.25	---	---	21,080	10.27	40,280	10.26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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January	7,500	10.48	2,415	10.375	1,200	10.25	750	10.375	2,700	10.40	14,565	10.38																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
February	---	---	---	---	480	10.875	900	10.375	7,620	10.75	9,000	10.67																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
March	3,750	10.56	---	---	790	11.00	4,200	11.00	21,570	10.93	30,310	10.87																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
April	3,900	11.00	---	---	---	---	1,627	11.06	13,320	11.00	18,847	11.02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
May	7,800	11.01	6,300	10.875	---	---	4,980	11.20	22,750	11.14	41,830	11.12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
June	1,200	11.00	5,250	11.00	---	---	3,162	11.47	12,415	11.36	22,027	11.16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
July	5,650	10.875	1,800	10.875	---	---	900	11.00	10,265	11.02	18,615	10.94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
August	---	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Total	47,500	10.59	15,765	---	4,570	10.44	16,519	---	111,720	---	196,074	---																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Crude oil:	47,500	10.59	12,750	10.85	4,570	10.44	8,389	10.99	96,110	10.84	163,319	10.74																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Once-refined 2/:	---	---	3,015	11.81	---	---	8,130	12.20	21,610	11.99	32,755	12.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Valley											U.S. Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	Arkansas		Louisiana		Mississippi		Missouri		Tennessee		Area Total		Quantity	Average price 1/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	1,000 pound	Cents per pound																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
1968/69															October	1,800	10.72	3,300	10.67	600	10.67	300	10.73	---	---	6,000	10.70	6,600	10.61	November	9,720	10.79	4,650	10.73	14,730	10.72	3,450	10.70	3/6,000	3/11.67	38,550	10.74	78,830	10.53	December	---	---	---	---	---	---	---	---	---	---	---	---	---	---	January	---	---	---	---	6,150	10.67	300	10.50	---	---	6,450	10.58	21,015	10.44	February	5,400	10.98	3,750	10.99	18,930	11.05	1,710	10.94	900	10.89	30,690	10.97	39,690	10.86	March	6,450	11.125	3,660	11.125	11,730	11.125	540	11.125	---	---	22,380	11.125	52,690	11.00	April	3,750	11.15	3,810	11.13	6,600	11.06	---	---	---	---	14,160	11.11	33,007	11.07	May	810	11.375	4,650	11.40	8,130	11.39	---	---	---	---	13,590	11.39	55,420	11.20	June	---	---	---	---	2,464	11.69	150	11.75	---	---	2,614	11.72	24,641	11.38	July	---	---	---	---	---	---	---	---	---	---	---	---	18,615	10.94	August	---	---	---	---	---	---	---	---	---	---	---	---	---	---	September	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Total	27,930	10.97	23,820	11.02	69,334	11.02	6,450	10.81	6,900	10.89	134,434	---	330,508	---	Crude oil:	27,930	10.97	23,820	11.02	69,334	11.02	6,450	10.81	900	11.67	128,434	10.94	291,753	10.84	Once-refined 2/:	---	---	---	---	---	---	---	---	6,000	---	6,000	11.67	38,755	11.92																																																																																																																																																																																																																																																																																							
October	1,800	10.72	3,300	10.67	600	10.67	300	10.73	---	---	6,000	10.70	6,600	10.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
November	9,720	10.79	4,650	10.73	14,730	10.72	3,450	10.70	3/6,000	3/11.67	38,550	10.74	78,830	10.53																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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January	---	---	---	---	6,150	10.67	300	10.50	---	---	6,450	10.58	21,015	10.44																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
February	5,400	10.98	3,750	10.99	18,930	11.05	1,710	10.94	900	10.89	30,690	10.97	39,690	10.86																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
March	6,450	11.125	3,660	11.125	11,730	11.125	540	11.125	---	---	22,380	11.125	52,690	11.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
April	3,750	11.15	3,810	11.13	6,600	11.06	---	---	---	---	14,160	11.11	33,007	11.07																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
May	810	11.375	4,650	11.40	8,130	11.39	---	---	---	---	13,590	11.39	55,420	11.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
June	---	---	---	---	2,464	11.69	150	11.75	---	---	2,614	11.72	24,641	11.38																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
July	---	---	---	---	---	---	---	---	---	---	---	---	18,615	10.94																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Total	27,930	10.97	23,820	11.02	69,334	11.02	6,450	10.81	6,900	10.89	134,434	---	330,508	---																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Crude oil:	27,930	10.97	23,820	11.02	69,334	11.02	6,450	10.81	900	11.67	128,434	10.94	291,753	10.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Once-refined 2/:	---	---	---	---	---	---	---	---	6,000	---	6,000	11.67	38,755	11.92																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

1/ Crude oil unless otherwise specified. Price is f.o.b. crushers' mills. 2/ PHSY (prime, bleachable, summer yellow). 3/ Once-refined.

Table 34 --Cottonseed Meal: Summary of CCC acceptances under the 1968-crop Cottonseed Price Support Program, by months and States

Year and Month	Southwest and Far West									
	Arizona		California		Oklahoma		Texas		Area Total	
	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/
	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound
1968/69										
October	---	---	---	---	---	---	---	---	---	---
November	20,000	3.30	---	---	---	---	---	---	20,000	3.30
December	22,000	3.30	---	---	---	---	---	---	22,000	3.30
January	14,000	3.34	60,000	3.30	---	---	---	---	74,000	3.32
February	20,000	3.25	---	---	---	---	---	---	20,000	3.25
March	---	---	10,000	3.30	---	---	---	---	10,000	3.30
April	---	---	---	---	1,790	3.10	47,000	3.08	48,790	3.14
May	---	---	15,000	3.26	8,800	3.10	32,000	3.06	55,800	3.14
June	---	---	12,000	3.225	---	---	7,000	3.03	19,000	3.13
July	10,000	3.225	3,804	3.23	---	---	---	---	13,804	3.23
August	---	---	---	---	---	---	---	---	---	---
September	---	---	---	---	---	---	---	---	---	---
Total	86,000	3.29	100,804	3.28	10,590	3.10	86,000	3.07	283,394	3.23
	Valley									
	Mississippi		Tennessee		Area Total		U.S. Total			
	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/	Quantity	Average price 1/		
	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound	1,000 pound	Cents per pound		
1968/69										
October	---	---	---	---	---	---	---	---		
November	---	---	---	---	---	---	20,000	3.30		
December	---	---	---	---	---	---	22,000	3.30		
January	---	---	---	---	---	---	74,000	3.32		
February	---	---	---	---	---	---	20,000	3.25		
March	---	---	---	---	---	---	10,000	3.30		
April	---	---	---	---	---	---	48,790	3.14		
May	2,600	3.00	1,461	3.00	4,061	3.00	59,861	3.07		
June	---	---	---	---	---	---	19,000	3.13		
July	---	---	---	---	---	---	13,804	3.23		
August	---	---	---	---	---	---	---	---		
September	---	---	---	---	---	---	---	---		
Total	2,600	3.00	1,461	3.00	4,061	3.00	220,455	3.23		

1/ 41% protein, bulk, f.o.b. crushers' mills. 2/ Net figure. Meal tenders accepted totaled 382,000,000 pounds, of which 94,544,400 pounds were withdrawn.

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Table 35.--Flaxseed: Acreage, supply, disposition, and price per bushel received by farmers, 1950-71.

Year beginning July	Acreage		Yield per acre		Production ¹	Supply			Total supply	Crushings	Exports	Disposition			Price per bushel			
	Planted	Harvested	Planted	Harvested		Stocks, July 1						Total	Used for seed	Per acre planted	Residual	Support		Received by farmers ²
						On farms	Off farms	Total								U.S. farms	Minneapolis	
	1,000 acres	1,000 acres	Bu.	Bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Mil. bu.	Lb.	Mil. bu.	Dol.	Dol.	Dol.	
1950	4,274	4,090	9.4	9.8	40.2	1.8	15.2	17.0	57.2	42.3	2.9	2.7	36	-3.0	2.57	2.82	3.34	
1951	4,116	3,904	8.4	8.9	34.7	1.6	10.6	12.3	47.0	30.2	4.2	2.3	37	-2	2.65	2.90	3.72	
1952	3,445	3,304	8.8	9.1	30.2	3.8	6.7	10.5	40.7	25.2	.2	3.2	38	1.1	3.77	4.03	3.73	
1953	4,759	4,570	7.9	8.2	37.7	1.9	9.0	11.0	48.7	27.8	2.4	3.9	38	.4	3.79	4.05	3.64	
1954	5,047	5,663	6.9	7.3	41.3	5.7	8.5	14.2	55.5	32.3	8.2	3.4	37	.4	3.14	3.41	3.05	
1955	5,148	4,914	7.9	8.2	40.4	3.0	8.2	11.2	51.6	34.9	10.4	3.9	37	-1.7	2.91	3.19	2.90	
1956	5,786	5,473	8.1	8.6	47.0	.9	3.2	4.1	51.2	26.2	2.5	3.6	38	-5	3.09	3.39	2.99	
1957	5,481	4,793	4.6	5.2	25.1	2.5	16.9	19.4	44.5	27.3	9.0	2.6	37	-3.1	2.92	3.23	2.94	
1958	3,862	3,679	9.7	10.2	37.4	1.6	7.1	8.7	46.2	22.4	6.0	2.3	37	.9	2.78	3.09	2.69	
1959	3,268	2,932	6.5	7.2	21.2	3.0	11.6	14.6	35.9	23.2	8.3	2.4	39	-1.0	2.38	2.66	3.00	
1960	3,437	3,342	8.8	9.1	30.4	.8	2.2	3.0	33.4	20.0	7.0	2.1	39	-1.0	2.38	2.65	2.65	
1961	2,975	2,514	7.5	8.8	22.2	1.4	3.9	5.3	27.5	19.0	1.5	2.2	39	1.2	2.80	3.07	3.26	
1962	3,102	2,808	10.4	11.5	32.2	1.3	2.3	3.6	35.8	21.0	4.3	2.4	39	-3	2.90	3.13	2.83	
1963	3,379	3,172	9.2	9.8	31.0	1.6	6.8	8.4	39.4	19.4	3.6	2.1	40	1.3	2.90	3.13	2.78	
1964	2,965	2,825	8.2	8.6	24.4	1.4	11.7	13.1	37.5	20.8	6.5	2.0	39	-2.7	2.90	3.13	2.82	
1965	2,868	2,775	12.3	12.8	35.4	2.5	8.4	10.9	46.3	22.7	5.3	1.9	40	1.1	2.90	3.15	2.80	
1966	2,679	2,576	11.4	9.1	23.4	3.4	11.9	15.3	38.7	19.7	7.5	1.3	40	1.1	2.90	3.15	2.89	
1967	2,061	1,975	9.7	10.1	20.0	1.4	7.9	9.3	29.3	15.9	5.0	1.6	41	.9	2.90	3.15	2.95	
1968	2,183	2,098	12.4	12.9	27.1	1.3	5.7	7.0	34.0	14.4	9.7	2.0	41	-2	2.90	3.16	2.81	
1969	2,673	2,616	13.1	13.4	35.1	2.1	7.7	9.8	44.9	14.4	5.7	2.1	42	-1.9	2.75	3.01	2.65	
1970 3/	3,004	2,888	10.0	10.4	30.0	4.5	17.3	21.8	51.8	18.9	3.3	1.3	39	.5	2.50	4/	2.40	
1971 3/	1,662	1,580	8.9	11.8	18.7	3.2	23.6	26.8	45.4			1.0			2.50	4/	2.41	
1972															2.50			
1973																		

1/ In the following year. 2/ Includes an allowance for unredeemed loans. 3/ Preliminary. 4/ Terminal support rates discontinued.

Table 36.--Flaxseed: Yield, price and value of products per bushel of flaxseed crushed and price spread, United States, 1950-71.

Year beginning July	Linseed oil			Linseed meal			Total value of oil and meal	Flaxseed price		Spread between value of products and flaxseed price	
	Yield	Price 1/	Value	Yield	Price 1/	Value		Farm 2/	No. 1 Minneapolis ³	Farm	No. 1 Minneapolis
1950	20.0	18.8	3.76	36.4	2.9	1.06	4.82	3.34	4.06	1.48	.76
1951	20.1	16.7	3.36	36.2	3.3	1.19	4.55	3.72	4.05	.83	.50
1952	20.1	15.0	3.02	36.5	3.6	1.31	4.33	3.73	3.98	.60	.35
1953	19.8	14.8	2.93	35.9	3.3	1.18	4.11	3.64	3.86	.47	.25
1954	19.6	13.6	2.67	36.7	3.1	1.14	3.81	3.05	3.38	.76	.43
1955	19.9	14.0	2.79	36.8	2.8	1.03	3.82	2.90	3.37	.92	.45
1956	20.3	13.1	2.66	36.9	2.7	.98	3.65	2.99	3.28	.66	.37
1957	19.6	14.2	2.78	37.0	2.5	.91	3.69	2.94	3.21	.75	.48
1958	20.0	12.9	2.58	36.6	3.2	1.16	3.74	2.69	3.02	1.05	.72
1959	20.0	13.5	2.70	36.7	3.2	1.16	3.86	3.00	3.41	.86	.45
1960	20.0	12.9	2.58	37.9	2.7	1.01	3.59	2.65	3.01	.94	.58
1961	20.5	15.2	3.12	37.6	3.2	1.20	4.32	3.26	3.54	1.06	.78
1962	20.4	13.0	2.65	36.9	3.4	1.25	3.90	2.83	3.08	1.07	.82
1963	20.2	13.0	2.63	37.1	3.1	1.14	3.77	2.76	3.05	1.01	.72
1964	20.1	13.7	2.75	36.7	3.0	1.08	3.83	2.82	3.14	1.01	.69
1965	20.4	12.9	2.63	35.1	3.5	1.24	3.87	2.80	3.08	1.07	.81
1966	20.6	12.8	2.64	36.9	3.8	1.41	4.05	2.89	3.17	1.16	.88
1967	20.8	13.1	2.72	36.8	3.8	1.39	4.11	2.95	3.20	1.16	.91
1968	20.8	12.1	2.48	36.4	3.6	1.29	3.77	2.81	3.09	.96	.68
1969	20.2	11.9	2.40	35.8	3.4	1.24	3.64	2.65	2.90	.99	.74
1970 4/	20.2	9.7	1.96	36.3	3.1	1.13	3.09	2.40	2.66	.69	.43
1971											
1972											
1973											

1/ Simple average price per pound using the following Minneapolis prices: raw oil in tank cars; 34 percent protein meal, bulk. 2/ Weighted average. 3/ Simple average. 4/ Preliminary.

Table 38.--Flaxseed: Price support operations, crop years, 1950-71

Year begin- ning July	Prod- uction	Price support operations							
		Owned by CCC on July 1				Under price support			
		Flaxseed	Linseed oil 1/	Total (seed equivalent)	Loans	Purchase: agree- ment	Total	Percent of crop	Flaxseed acquired by CCC
Million bushels	Million bushels	Million pounds	Million bushels	Million bushels	Million bushels	Million bushels	Percent	Million bushels	
1950	40.2	13.4	471.7	37.0	.9	.1	1.0	2.4	2/
1951	34.7	3.2	4/521.4	29.2	1.8	.1	1.9	5.4	2/
1952	30.2	.2	4/498.6	25.1	3.8	3/1.7	5.5	18.1	4.9
1953	37.7	5.2	4/489.5	29.6	15.5	3/3.6	19.0	50.5	17.6
1954	41.3	8.8	42.0	10.9	7.3	3.1	10.4	25.1	8.8
1955	40.4	6.8	54.7	9.6	7.1	1.5	8.6	20.8	2/
1956	47.0	2/	5/	2/	14.6	2.9	17.5	36.4	16.7
1957	25.1	13.5	---	13.5	2.5	3/2.0	4.4	17.1	3.5
1958	37.4	3.2	---	3.2	12.0	3.2	15.1	39.3	13.1
1959	21.2	6/6.9	11.0	7.4	.3	.1	.4	2.0	2/
1960	30.4	.1	5/	.1	2.7	.4	3.1	10.1	2/
1961	22.2	---	---	---	.8	.1	.9	4.1	2/
1962	32.2	---	---	---	5.7	1.3	7.0	21.7	5.9
1963	31.0	5.3	---	5.3	11.8	1.1	12.9	41.3	11.2
1964	24.4	10.6	53.0	13.2	6.4	---	6.4	25.8	4.0
1965	35.4	2.4	80.0	10.3	7.6	3.7	11.3	31.4	9.4
1966	23.4	12.4	80.0	16.4	2.3	---	2.3	9.8	1.0
1967	20.0	4.6	80.0	8.6	2.7	---	2.7	13.5	1.2
1968	27.1	2.1	80.0	6.1	6.2	---	6.2	22.9	5.0
1969	35.1	6.9	80.0	10.9	13.1	---	13.1	37.3	12.3
1970 7/	30.0	19.1	80.0	23.1	13.9	---	13.9	46.3	13.4
1971 7/	18.7	26.7	85.6	31.0	6.6	---	6.6	35.3	
1972									

1/ Conversion factor: 20 pounds of linseed oil per 56 pound bushel of flaxseed.

2/ Less than 50,000 bushels.

3/ Includes direct purchase: 1948, 22,680,000 bu.; 1949, 197,000 bu.; 1952, 53,000 bu.; 1953, 749,916 bu.; 1957, 83,114 bu.

4/ Includes 300 million pounds linseed oil (15 million bushels of flaxseed equivalent) transferred to account of Secretary pursuant to his authority under the Defense Production Act of 1950.

5/ Less than 50,000 pounds.

6/ Excludes 1.1 million bushels, resealed in farm storage.

7/ Preliminary.

Table 39.--Linseed oil: Supply, disposition, oil equivalent of exports of flaxseed, and price, 1950-71

Year beginning July	Supply			Disposition			Flaxseed (oil equivalent of exports)	Price per pound, raw Minneapolis
	Production	Stocks, July 1	Total	Exports and shipments	Domestic disappearance			
-- Million pounds --								
1950	844	588	1,432	26	728	57	18.8	
1951	609	679	1,288	28	585	83	16.7	
1952	507	675	1,182	3	559	4	15.0	
1953	551	619	1,162	303	522	47	14.8	
1954	632	345	977	318	521	162	13.6	
1955	695	139	834	140	552	207	14.0	
1956	532	142	674	78	497	51	13.1	
1957	535	99	634	87	435	181	14.2	
1958	448	112	560	8	455	125	12.9	
1959	465	97	563	55	418	166	13.5	
1960	399	90	489	24	370	139	12.9	
1961	391	94	485	2	378	30	15.2	
1962	428	105	533	9	394	87	13.0	
1963	394	131	524	14	1/388	72	13.0	
1964	418	2/144	557	20	344	130	13.7	
1965	463	198	661	84	336	105	12.9	
1966	405	241	646	121	329	149	12.8	
1967	331	196	527	53	273	101	13.1	
1968	300	201	501	77	3/275	197	12.1	
1969	292	131	423	43	252	116	11.9	
1970 1/2	382	129	511	53	254	67	9.7	
1971 1/2		204						
1972								
1973								

1/ Factory consumption figures used for years in which reported factory consumption exceeds domestic disappearance. 2/ Beginning 1964 includes stocks held by CCC. 3/ Estimate based on reported factory consumption. 4/ Preliminary.

Table 40.--Linseed oil: Utilization, by products, 1950-70

Year beginning July	Drying oil products					Lubricants and similar oils	Fatty acids	Foots and loss	Other	Total domestic disappearance
	Paint and varnish	Linoleum and oilcloth	Resins	Other	Total					
-- Million pounds --										
1950	526	107	27	42	702	---	---	7	18	728
1951	415	86	23	43	566	---	---	10	9	585
1952	403	93	14	32	541	---	---	14	5	559
1953	386	76	13	29	504	---	---	11	7	522
1954	368	69	19	45	501	---	---	11	10	521
1955	393	66	21	49	530	---	---	13	9	552
1956	376	47	18	35	476	---	---	10	11	497
1957	342	29	14	32	418	---	---	11	6	435
1958	371	31	16	22	441	3	3	5	3	455
1959	343	30	22	12	408	4	5	---	1	418
1960	309	22	19	11	361	4	5	---	1/	370
1961	317	22	18	10	367	4	7	---	---	378
1962	343	14	20	11	388	3	3	---	---	394
1963	338	14	19	10	381	2	4	---	---	2/388
1964	294	14	22	8	338	3	3	---	---	344
1965	283	14	19	8	324	5	7	---	1/	336
1966	278	14	21	11	324	6	1/	---	---	329
1967	227	10	19	11	267	4	1	---	---	273
1968	223	20	20	10	273	1	1	---	---	3/275
1969 1/2	197	13	19	10	239	10	3	---	---	252
1970 1/2	202	8	19	10	239	13	2	---	---	254
1971										
1972										
1973										

1/ Less than 500,000 pounds. 2/ Factory consumption figures used for years in which reported factory consumption exceeds domestic disappearance. 3/ Estimate based on reported factory consumption. 4/ Preliminary.

Table 41.--Linseed oil: Supply, disposition, oil equivalent of exports of flaxseed and price, 1950-71

Year	Supply			Disposition		Flaxseed (oil equivalent of exports)	Price per pound, raw, Minneapolis
	Production	Stocks, Jan. 1	Total	Exports and shipments	Domestic disappearance		
-- Million pounds --							
1950	750	525	1,274	24	594	71	16.5
1951	759	655	1,414	17	699	74	18.9
1952	545	698	1,244	19	553	37	15.9
1953	503	672	1,175	91	556	1/	15.0
1954	651	551	1,179	442	515	192	14.6
1955	618	222	840	147	526	93	12.9
1956	621	168	789	98	537	170	14.1
1957	566	154	720	140	454	192	13.6
1958	457	126	583	10	441	93	13.8
1959	487	131	619	9	459	179	13.1
1960	368	150	518	57	364	83	13.1
1961	426	97	523	21	374	91	14.2
1962	382	128	510	6	381	79	14.2
1963	399	123	522	16	394	68	12.7
1964	443	112	556	19	351	139	13.4
1965	410	186	596	42	340	78	13.4
1966	454	214	668	127	333	133	12.8
1967	371	208	579	46	320	121	12.9
1968	307	213	520	110	252	184	12.7
1969	292	157	449	39	282	165	12.0
1970 2/	314	129	443	49	246	59	11.0
1971 2/	412	148	560	47	289	9	8.9
1972		225					
1973							

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 42.--Linseed oil: Utilization, by products, 1950-71

Year	Drying-oil products					Lubricants and similar oils	Fatty acids	Foots and loss	Other	Total domestic disappearance
	Paint and varnish	Linoleum and oilcloth	Resins	Other	Total					
-- Million pounds --										
1950	443	90	22	35	590	---	---	---	4	594
1951	483	101	32	49	665	---	---	12	23	699
1952	396	89	16	34	536	---	---	13	4	553
1953	405	86	13	32	536	---	---	13	17	556
1954	382	73	15	29	498	---	---	11	6	515
1955	354	67	23	59	504	---	---	12	10	526
1956	398	58	19	37	512	---	---	12	13	537
1957	348	38	17	34	437	---	---	10	8	454
1958	358	28	10	30	426	---	---	9	5	441
1959	379	33	22	14	448	5	4	---	1	459
1960	295	22	22	12	351	4	8	---	1	364
1961	313	22	17	12	364	3	6	---	---	374
1962	324	20	19	11	374	3	4	---	---	381
1963	345	13	20	11	389	3	3	---	---	394
1964	326	16	19	8	376	4	12	---	---	351
1965	291	14	19	5	329	4	8	---	---	340
1966	272	7	21	11	311	5	18	---	---	333
1967	271	2	19	11	303	5	12	---	---	320
1968	203	18	19	11	251	1	1	---	---	252
1969	229	18	20	10	276	4	---	---	---	282
1970 1/	192	10	19	10	231	12	3	---	---	246
1971 1/	240	6	19	10	275	12	2	---	---	289
1972										
1973										

1/ Preliminary.

Table 43.--Linseed oil: Supply, disposition, and price by months, crop years 1958-71

Year beginning July	Production												Total or average
	July	August	September	October	November	December	January	February	March	April	May	June	
-- Million pounds --													
1958	19	37	51	32	45	44	46	33	37	22	34	27	448
1959	39	59	59	60	35	36	37	33	32	30	22	24	465
1960	16	22	43	45	39	26	33	31	31	36	42	35	399
1961	34	38	41	34	40	32	33	33	31	32	23	21	391
1962	8	27	45	49	40	34	39	31	37	35	36	40	428
1963	34	38	37	41	35	32	35	34	34	32	39	41	394
1964	16	37	49	46	46	41	38	38	43	36	41	45	463
1965	7	33	44	45	39	30	33	30	31	30	32	35	405
1966	10	32	38	40	36	24	28	28	26	23	24	23	331
1967	13	16	32	35	30	25	30	26	25	21	22	22	300
1970 1/2	17	29	36	31	27	19	23	24	21	27	27	24	298
1971 1/2	26	35	35	37	32	28	32	32	35	37	37	41	382
1972													
1973													
Stocks, first of month													
1958	112	88	81	90	103	115	131	150	141	153	133	122	
1959	97	93	105	122	135	143	150	164	163	161	151	124	
1960	90	75	61	71	81	93	97	104	107	105	103	104	
1961	94	91	87	97	98	117	128	132	138	135	134	121	
1962	105	79	73	84	100	117	123	131	132	134	134	129	
1963	131	99	92	92	104	109	112	124	132	132	133	138	
1964	104	138	149	151	165	178	186	199	204	215	212	205	
1965	198	185	181	185	188	200	214	217	226	226	232	260	
1966	241	212	177	189	208	218	208	206	205	206	205	212	
1967	196	184	185	187	197	223	213	223	223	219	216	205	
1968	201	179	164	162	165	169	157	153	158	164	157	152	
1969	131	121	113	119	131	142	129	129	133	130	134	130	
1970 1/2	129	113	117	130	135	145	148	157	170	181	193	187	
1971 1/2	204	193	177	180	204	211	225	237	245	264			
1972													
1973													
Exports and shipments													
1958	2/	2/	2/	2/	2/	2/	2/	2/	1	2/	5	2/	8
1959	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	19	33	55
1960	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	10	24
1961	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2
1962	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	9
1963	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	14
1964	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	20
1965	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	23
1966	15	15	13	8	6	22	16	9	1	13	9	121	84
1967	1	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1968	16	6	11	15	3	13	3	7	6	6	6	32	77
1969	3	1	3	5	7	8	8	3	5	7	5	43	53
1970 1/2	1	1	3	3	8	13	3	5	5	5	11	11	77
1971 1/2	8	6	10	1	1	13	3	5	5	5	5	11	43
1972													53
1973													
Domestic disappearance													
1958	43	44	43	39	46	27	26	42	25	42	39	51	455
1959	43	46	42	47	26	28	23	33	34	39	30	25	418
1960	27	35	33	35	26	22	26	28	30	31	40	35	370
1961	37	41	31	32	21	21	30	27	33	32	36	37	378
1962	40	33	34	33	23	22	29	29	35	35	43	38	394
1963	37	33	38	27	24	27	23	26	32	33	33	34	355
1964	40	23	37	28	20	21	21	27	28	31	29	38	344
1965	27	26	32	38	17	27	32	23	42	24	7	41	336
1966	29	38	32	19	23	23	27	26	30	29	12	42	329
1967	18	29	36	31	10	11	18	28	23	26	29	--	273
1968	16	32	22	18	23	23	32	21	18	26	21	41	292
1969	20	23	33	14	18	15	20	20	21	23	24	21	252
1970 1/2	32	22	21	23	8	11	23	19	20	19	42	14	254
1971 1/2	29	51	27	3	24	19	26	28	19				
1972													
1973													
Price per pound, raw, tank cars, Minneapolis													
-- Cents --													
1958	13.7	13.6	13.1	13.2	13.0	12.9	12.8	12.8	12.8	12.6	12.5	12.5	12.9
1959	12.6	12.7	13.3	13.9	14.5	14.3	14.0	13.9	13.5	13.1	13.2	13.2	13.5
1960	12.9	13.2	12.6	12.4	12.3	12.5	12.6	13.0	13.1	13.1	13.1	13.7	12.9
1961	15.8	15.3	14.9	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.1	14.7	15.2
1962	14.5	13.8	13.1	12.6	12.9	12.7	12.7	12.7	12.7	12.7	12.7	12.7	13.0
1963	12.7	12.5	12.3	12.7	12.8	12.9	13.3	13.3	13.3	13.3	13.3	13.3	13.0
1964	13.3	13.3	13.3	13.4	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.7	13.7
1965	13.4	13.3	12.8	12.8	12.8	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.9
1966	12.8	12.8	12.6	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
1967	12.8	12.8	12.7	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.1
1968	13.2	12.6	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	12.1
1969	11.9	11.9	11.9	11.9	11.9	12.5	12.5	11.0	11.0	11.0	12.2	12.2	11.9
1970 1/2	11.0	11.0	10.0	10.0	10.0	9.5	9.5	9.5	9.0	8.8	8.8	8.8	9.7
1971 1/2	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8			
1972													
1973													

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Reported factory consumption was 388 million pounds in 1963 and 363 million pounds in 1964.

Table 45.--Mustard seed: U.S. acreage, production, imports, and apparent domestic use, 1950-71

Calendar year	Acreage harvested	Supply					Apparent domestic disappearance
		U.S. production (clean seed)	Imports from			Total	
			Canada	Western Europe	Total ^{1/}		
	1,000 acres	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1950	38.9	17.9	9.2	6.2	16.1	34.0	34.0
1951	37.8	19.3	15.8	9.1	25.4	44.7	44.7
1952	22.0	15.5	21.7	8.5	30.5	46.0	46.0
1953	14.3	7.3	18.1	4.2	22.4	29.7	29.7
1954	22.3	9.2	25.4	3.3	28.8	38.0	38.0
1955	46.4	32.0	29.4	4.5	34.1	66.1	66.1
1956	49.3	35.6	48.4	3.8	52.2	87.8	87.8
1957	32.4	13.0	21.2	2.3	23.6	36.6	36.6
1958	33.2	19.6	15.0	2.0	18.2	37.8	37.8
1959	48.8	19.3	21.0	2.9	24.1	43.4	43.4
1960	88.8	24.2	21.7	6.7	28.4	52.6	52.6
1961	54.3	16.1	14.1	26.4	42.2	58.3	58.3
1962	40.3	10.8	9.6	13.7	24.1	34.9	34.9
1963	94.0	55.0	17.6	10.4	28.7	83.7	83.7
1964	120.0	60.0	16.5	5.5	22.2	82.2	82.2
1965	85.0	51.0	24.5	5.6	30.5	81.5	81.5
1966	2/	2/	50.3	1.5	52.4	52.4	52.4
1967			62.7	4.4	67.6	67.6	67.6
1968			53.7	8.2	62.2	62.2	62.2
1969			61.2	1.3	63.1	63.1	63.1
1970 ^{3/}			82.4	1.0	83.8	83.8	83.8
1971 ^{3/}			93.5	1.1	95.1	95.1	95.1

^{1/} Includes small quantities from other countries not shown separately. ^{2/} Data not available. ^{3/} Preliminary.

Table 46.--Oiticica oil: Supply, apparent domestic use, utilization, and price, 1950-71

Year	Supply			Apparent domestic disappearance	Utilization in drying-oil products				Price per pound (cents, New York)
	Imports	Stocks Jan. 1	Total		Paint and varnish	Linoleum and oilcloth	Other	Total	
1950	13	4	17	12	10	---	2	12	20.2
1951	14	5	19	12	10	1/	2	12	28.6
1952	8	7	15	11	9	1/	2	11	23.9
1953	10	4	14	10	7	1/	2	9	21.9
1954	9	4	13	8	6	1/	2	8	16.5
1955	13	4	17	12	9	---	3	12	13.6
1956	9	6	15	11	6	---	4	11	15.0
1957	10	4	14	11	7	---	4	11	17.2
1958	12	3	15	10	7	---	3	10	16.7
1959 ^{2/}	4	5	9	9	9	---	---	9	19.9
1960	15	3/	15	15	15	---	---	15	15.1
1961	7	---	7	7	7	---	---	7	14.1
1962	16	---	16	16	16	---	---	16	16.9
1963	5	---	5	5	5	---	---	5	28.4
1964	10	---	10	10	10	---	---	10	20.0
1965	8	---	8	8	8	---	---	8	21.6
1966	8	---	8	8	8	---	---	8	19.2
1967	1	---	1	1	1	---	---	1	17.0
1968	11	---	11	11	11	---	---	11	10.4
1969	12	---	12	12	12	---	---	12	12.6
1970 ^{4/}	4	---	4	4	4	---	---	4	16.5
1971 ^{4/}	3	---	3	3	3	---	---	3	16.3

^{1/} Less than 500,000 pounds. ^{2/} Beginning 1959 estimated except imports. This oil is assumed to be used in paint and varnish. ^{3/} Data no longer reported by Census. ^{4/} Preliminary.

Table 47.--Olives: Production, utilization, and price, 1950-71

Year beginning October	Harvested production 1/	Utilization		Crushed as a percentage of production	Apparent production of oil 4/		Yield of oil per ton crushed 5/	Season average price per ton 6/	
		Other than crushing 2/	Crushed for oil 3/		Edible	Inedible		For all purposes	For crushing
	1,000 tons	1,000 tons	1,000 tons	Percent	Mil. lb.	Mil. lb.	Pounds	Dollars	Dollars
1950	42.0	32.3	9.7	23	3.1	---	320	231.00	106.00
1951	64.0	41.6	22.4	35	5.7	1.9	341	173.00	65.00
1952	57.0	33.6	23.4	41	8.1	---	345	103.00	68.00
1953	28.0	22.8	5.2	19	1.8	---	344	198.00	74.00
1954	50.0	38.5	11.5	23	3.9	---	340	166.00	64.00
1955	35.0	32.1	3.9	11	1.3	---	356	242.00	84.00
1956	70.0	52.2	17.8	25	6.5	---	365	178.00	82.00
1957	37.0	33.9	3.1	8	1.2	---	377	235.00	68.00
1958	66.0	44.7	21.3	32	7/8.0	---	377	101.00	53.00
1959	27.0	24.7	2.3	9	1.0	---	375	229.00	65.00
1960	66.0	58.2	7.8	12	2.9	---	375	157.00	54.00
1961	44.0	36.2	7.8	18	2.9	---	375	160.00	61.00
1962	52.0	46.3	5.7	11	2.1	---	375	214.00	67.00
1963	57.0	49.5	7.5	13	2.8	---	375	198.00	50.00
1964	54.0	47.8	6.2	15	2.3	---	375	138.00	51.00
1965	50.0	46.2	3.8	8	1.4	---	375	220.00	68.00
1966	63.0	58.2	4.8	8	1.8	---	375	241.00	51.00
1967	12.0	11.5	.4	3	.2	---	375	443.00	63.00
1968	86.0	81.4	4.6	5	1.7	---	375	368.00	42.00
1969	70.0	64.8	5.2	7	2.0	---	375	328.00	27.00
1970 8/	52.0	47.9	4.1	8	1.5	---	375	247.00	27.80
1971 8/	57.0								

1/ California only. Negligible quantities also are produced in Arizona. 2/ Includes use on farms and for canning and processing other than crushing for oil. 3/ As reported by Statistical Reporting Service. These data are considerably larger than crushings as reported by the Bureau of the Census. Census discontinued reporting crushings in 1958. 4/ Yield times quantity crushed. Breakdown between edible and inedible based on the proportion shown by data from the Bureau of the Census. 5/ Computed from Census data on crushings and production of oil. 6/ Equivalent per unit returns for bulk fruit at first delivery point. 7/ Estimated beginning in 1958. 8/ Preliminary.

Table 48.--Olive oil, edible: Supply and disposition, 1950-71

Year	Supply			Stocks, January 1	Total	Disposition		Price per pound
	Production from domestic materials	Imports	Exports and shipments			Domestic disappearance 1/	Drums Imported New York	
	-- Million pounds --							Cents
1950	2	79		85	1	76		34.8
1951	2	40		50	2/	32		38.3
1952	4	46	18	68	2/	62		29.6
1953	7	51	7	67	2/	53		34.5
1954	2	61	2	67	---	62		30.1
1955	1	52	6	61	---	59		31.5
1956	1	45	2	48	---	45		46.0
1957	1	49	2	57	---	45		41.5
1958	1	53	1	58	---	53		32.7
1959 3/	8	54	1/	62	---	58		31.2
1960	1	51		52	---	52		30.8
1961	1	59		62	---	61		31.3
1962	1	58		61	---	61		35.5
1963	1	67		75	---	60		50.9
1964	2	67		70	---	60		22.4
1965	2	44		46	---	56		36.8
1966	2	40		51	---	51		36.8
1967	2/	56		56	---	56		38.1
1968	2	62		65	---	65		38.7
1969	2	58		60	---	60		38.7
1970 5/	2	62		64	---	64		40.0
1971 5/	2	62		64	---	64		40.7

1/ Bureau of the Census shows less than a million pounds used for nonfood products in most years, mostly in soap. Otherwise, all is used directly for food purposes. 2/ Less than 500,000 pounds. 3/ Beginning 1959 estimated except for imports and price. 4/ Census discontinued reporting stocks in 1959. 5/ Preliminary.

Table 49.--Olive oil, inedible and foots: Supply, disposition, and utilization, 1950-71

Year	Supply			Stocks, January 1	Total	Disposition		Utilization in nonfood products		
	Production from domestic materials	Imports	Exports and shipments			Apparent domestic disappearance	Soap	Other	Total	
	-- Million pounds --									
1950	1/	9	2	11	1/	5	4	1/		5
1951	2/1	4	6	10	3/	5	5	---		5
1952	2/	2	5	8	---	4	4	---		4
1953	2/	2	4	5	---	3	3	1/		3
1954	---	4	2	6	---	3	2	1		3
1955	---	2	3	5	---	5	3	2		5
1956	---	1	1	2	---	2	2	---		2
1957	---	1/	1	1	---	1/	1	1/		1/
1958	---	1/	1	1	---	1	1	1/		1/
1959	3/	1/	3/	3/	---	2/	3/	3/		3/
1960	---	1		---	---	---	---	---		---
1961	---	1/		---	---	1/	1/	1/		1/
1962	---	1/		---	---	1/	1/	1/		1/
1963	---	1		---	---	1	1	---		1
1964	---	1/		---	---	1/	1/	1/		1/
1965	---	1		---	---	1	1	---		1
1966	---	1		---	---	1	1	---		1
1967	---	1		---	---	1	1	---		1
1968	---	1		---	---	1	1	---		1
1969	---	1/		---	---	1/	1/	---		1/
1970 4/	---	1/		---	---	1/	1/	---		1/
1971 4/	---	1/		---	---	1/	1/	---		1/

1/ Less than 500,000 pounds. 2/ Apparent production based on reported factory consumption, change in stocks, and net foreign trade. 3/ Not separately reported since December 1958. 4/ Preliminary.

Table 50.--Palm oil: U.S. supply, disposition and price, 1950-72

Calendar year	Supply				Total	Disposition		Price per pound		
	Imports 1/	Stocks, January 1				Domestic disappearance	Clarified, drums, truckload, New York	Tank-wagons, New York	Malaya, 5% bulk, c.i.f., European ports	
		Total	USA	Trade						Cents
		-- Million pounds --					Cents	Cents	Cents	
1950	56	2/43	---	---	99	3/73	14.6	---	---	
1951	101	2/23	---	---	124	3/97	23.1	---	---	
1952	51	2/26	---	---	77	3/59	13.8	---	---	
1953	36	2/17	---	---	53	3/39	12.2	---	---	
1954	66	2/15	---	---	81	4/67	12.5	---	---	
1955	44	20	---	---	64	59	13.0	---	---	
1956	28	19	---	---	47	46	15.0	---	---	
1957	19	21	---	---	40	42	15.2	---	---	
1958	43	16	---	16	59	47	14.4	---	---	
1959	31	12	---	12	43	4/42	14.6	12.3	---	
1960	47	48	38	10	95	4/53	14.2	11.6	---	
1961	56	61	35	26	117	4/66	14.6	11.8	---	
1962	36	57	34	23	93	4/60	13.9	11.6	---	
1963	24	35	28	7	59	4/44	14.0	11.6	---	
1964	6	37	20	17	43	4/38	14.2	11.8	---	
1965	7	19	10	9	26	4/30	15.8	13.4	12.4	
1966	76	9	---	9	85	4/56	15.1	12.7	10.7	
1967	64	33	---	33	97	4/86	14.8	12.6	10.2	
1968	103	16	---	16	119	4/97	14.5	12.0	7.7	
1969	160	28	---	28	188	153	12.5	11.2	6.1	
1970 3/	141	35	---	35	176	133	15.9	13.2	11.6	
1971 3/	227	43	---	43	270	230	15.1	13.3	11.7	
1972		40	---	40						

1/ As palm oil enters the United States duty free, all imports are reported as imports for consumption. 2/ Excludes stocks held by the U.S. Government for stockpiling of strategic materials. 3/ Allows for movement into or out of Government stockpiles. 4/ Reported factory consumption figures used for years in which it exceeds calculated domestic disappearance. 5/ Preliminary.

Table 51.--Palm oil: U.S. utilization, by products, 1950-71 1/

Calendar year	Food				Nonfood				Total domestic disappearance
	Shortening	Margarine	Other	Total	Soap	Fatty acids	Other	Total	
1950	---	---	---	---	5	---	39	44	2/73
1951	---	---	---	---	3	---	37	40	2/97
1952	---	---	1	1	3	---	56	59	2/59
1953	---	---	1	1	4	---	35	39	2/39
1954	16	---	---	16	8	---	39	51	67
1955	---	---	---	---	12	---	47	59	59
1956	---	---	---	---	4	---	43	46	46
1957	---	---	---	---	2	---	40	42	42
1958	---	---	---	---	1	---	46	47	47
1959	---	---	3	3	5	D	33	38	42
1960	---	---	1	1	10	D	41	52	53
1961	21	5	4	30	---	D	37	37	66
1962	16	4	9	29	1	D	30	31	60
1963	14	1	2	17	3	D	24	27	44
1964	11	---	---	11	---	D	27	27	38
1965	13	---	---	13	---	D	17	17	30
1966	38	---	14	52	---	D	14	14	66
1967	61	---	1	62	---	D	24	24	86
1968	72	---	4	76	---	D	20	20	97
1969	110	---	18	128	---	D	25	25	153
1970 3/	85	1	14	100	---	D	34	34	133
1971 3/	140	1	18	159	---	D	71	71	230

1/ Mostly BRS estimates, as Census end-use data are limited in order to avoid disclosing figures for individual companies. 2/ Includes Government stockpiling activities. 3/ Preliminary. D.--Census disclosure.

Table 52 -- Palm kernel oil (edible): U.S. supply, disposition and price, 1950-72

Calendar year	Supply				Disposition			Price per pound	
	Apparent production from imported materials 1/	Imports	Stocks Jan. 1	Total	Exports	Domestic disappearance	Bulk, c.i.f., New York	Congolese, 5% c.i.f., European ports	
-- Million pounds --							Cents	Cents	
1950	8	20	---	28	---	28	---	---	
1951	6	5	2/	11	---	3/11	---	---	
1952	---	11	2/	11	---	3/11	---	---	
1953	---	51	3	54	---	50	---	---	
1954	---	50	3	53	---	43	---	---	
1955	---	46	10	56	---	50	---	---	
1956	---	41	6	47	---	45	---	---	
1957	---	50	1	51	---	48	---	---	
1958	---	51	3	54	---	51	---	---	
1959	---	71	3	74	---	66	16.4	---	
1960	---	88	8	96	---	78	14.1	13.3	
1961	---	84	18	102	---	87	11.2	10.7	
1962	---	84	16	100	---	84	10.9	10.3	
1963	---	83	16	99	---	79	12.5	12.2	
1964	---	85	20	105	---	83	13.3	13.0	
1965	---	83	21	104	---	87	15.4	15.7	
1966	---	109	17	126	---	97	12.9	12.3	
1967	---	104	30	134	---	118	13.1	11.4	
1968	---	121	16	137	---	112	17.6	4/	
1969	---	99	24	123	---	102	5/	---	
1970 6/	---	83	22	105	---	86	---	---	
1971 6/	---	96	19	115	---	89	---	---	
1972	---	---	25	---	---	---	---	---	

1/ Estimated from reported consumption, change in stocks, and net foreign trade. 2/ Less than 500,000 pounds. 3/ Beginning stocks assumed to be the same as ending stocks. 4/ Price quotes discontinued May 1967. 5/ Price quotes discontinued May 1968. 6/ Preliminary.

Table 53 -- Palm kernel oil (edible): U.S. utilization, by products, 1950-71

Calendar year	Food				Nonfood			Total domestic disappearance	
	Shortening	Margarine	Salad and cooking oils	Other	Soap	Foots and loss	Other		
-- Million pounds --									
1950	4	---	---	22	26	1/	1	2	28
1951	8	2	---	1	11	---	---	1	11
1952	---	---	---	11	11	---	---	---	11
1953	3	2	---	15	20	23	6	2	50
1954	3	1	---	28	32	6	5	1/4	43
1955	7	1	---	28	36	5	5	---	50
1956	7	1	---	34	42	1	1	1	45
1957	3	3	---	42	47	---	1/4	---	48
1958	---	---	---	47	47	---	4	---	51
1959	---	---	---	49	49	11	6	1	66
1960	---	---	---	53	53	12	7	7	78
1961	---	2	2/3	54	59	14	8	6	87
1962	---	---	---	70	70	5	8	2	84
1963	---	---	---	69	69	---	8	2	79
1964	---	---	---	67	67	---	11	5	83
1965	---	---	---	77	77	---	8	2	87
1966	---	---	---	87	87	---	7	3	97
1967	---	---	---	108	108	---	4	6	118
1968	---	---	---	97	97	---	15	1	112
1969	---	---	---	93	93	---	9	---	102
1970 3/	2	---	---	76	78	---	7	---	86
1971 3/	4	1	---	77	82	---	7	---	89

1/ Less than 500,000 pounds. 2/ Included in other food category in earlier years. 3/ Preliminary.

Table 54.--Peanuts (farmers' stock basis) Acreage, supply and disposition, 1950-71

Year beginning August	Acreage			Production	Supply			Exports and shipments	Disposition							
	Harvested for nuts				Stocks August 1 /				Crushed	Used for seed		Feed, and farm loss		Domestic food use		
	Total	Percent	Imports		CCC	Total	Total			Total 2/	Per acre planted	shrinkage	Military	Total	Per capita	
alone for all purposes	1,000 acres	Percent	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Pounds				
1950	2,633	2,262	85.9	2,035	---	5	187	2,222	69	629	145	58	66	14	967	6.4
1951	2,510	1,932	79.0	1,559	---	7	332	1,991	8	432	109	59	11	10	1,005	6.6
1952	1,838	1,443	78.5	1,356	---	142	416	1,772	3	195	104	58	40	10	998	6.4
1953	1,796	1,515	84.4	1,574	3/	92	422	1,996	239	303	106	53	45	10	1,007	6.4
1954	1,824	1,387	76.0	1,008	180	30	286	1,474	9	107	120	64	10	7	1,012	6.3
1955	1,882	1,669	88.7	1,548	5	---	209	1,762	6	257	106	58	51	1	954	5.8
1956	1,834	1,384	75.5	1,607	5	37	387	1,999	102	260	103	59	49	3	1,026	6.1
1957	1,746	1,481	84.8	1,436	2	151	456	1,894	48	239	104	61	58	3	1,081	6.4
1958	1,702	1,516	89.1	1,814	2	118	361	2,177	62	335	106	67	64	8	1,088	6.3
1959	1,576	1,435	91.1	1,523	1	196	514	2,038	72	292	106	69	-10	3	1,151	6.5
1960	1,526	1,395	91.4	1,718	3/	172	424	2,142	81	362	102	67	-15	8	1,236	6.9
1961	1,524	1,398	91.7	1,657	3	103	368	2,028	34	256	114	76	-30	7	1,258	6.9
1962	1,507	1,400	92.9	1,719	2	70	359	2,110	43	302	120	80	-45	8	1,285	6.9
1963	1,463	1,396	93.2	1,942	2	105	397	2,341	97	380	124	83	-17	5	1,342	7.1
1964	1,487	1,397	93.9	2,099	2	106	410	2,511	179	473	136	90	-61	8	1,403	7.4
1965 5/	1,517	1,435	94.6	2,384	1	64	373	2,758	238	517	137	92	---	14	1,431	7.4
1966	1,488	1,418	95.3	2,410	2	88	412	2,824	222	587	140	95	72	2	1,418	7.3
1967	1,472	1,402	95.2	2,473	2	114	5/372	2,847	198	644	146	98	10	3	1,493	7.6
1968	1,493	1,436	95.2	2,543	2	3/	372	2,898	105	654	154	102	89	3	1,536	7.7
1969	1,507	1,451	96.3	2,529	1	2	357	2,888	140	581	163	107	74	3	1,574	7.8
1970 7/	1,518	1,467	96.6	2,979	2	4	353	3,334	290	799	181	118	28	3	1,580	7.8
1971 7/	1,529	1,454	95.5	3,004	2	32	453	3,459								
1972											194					

1/ Includes oil stock peanuts. 2/ In the following year. 3/ Less than 500,000 pounds. 4/ Beginning with 1959 crop, production reported on a net weight basis. Prior years were gross weight. 5/ Beginning 1965 reported crush and exports of shelled peanuts converted to farmers' stock by 1.33 factor. 6/ Net weight basis beginning 1967. 7/ Preliminary.

Table 55.--Peanuts: Production, seed used, farm disposition, and local shipping point prices, 1950-71

Crop of--	Production and disposition						Season average prices, f.o.b. local shipping points 2/							
	Production		Disposition on farms where grown				Virginia, Virginia-North Carolina Area 3/				Shelled, No. 1			
	Total used for seed 1/	For seed 1/	For seed and lost:	Household use	Sold	Proportion of production sold	Cleaned			Shelled			Southeast Area 4/	Southwest Area
	Percent	Percent	Percent	Percent	Percent	Percent	Jumbos	Fancy	Extra Large	No. 1	Janish	Runners	Spanish 5/	Area
-- Million pounds --						-- Cents per pound --								
1950	2,035	145	51	15	20	1,949	95.8	20.12	16.62	23.88	18.50	17.00	16.38	17.09
1951	1,659	109	35	7	18	1,599	96.4	18.88	17.38	23.50	18.50	21.00	19.38	20.96
1952	1,356	104	32	3	16	1,307	96.2	20.00	17.88	24.00	19.62	20.25	18.50	21.25
1953	1,574	106	32	4	15	1,524	96.8	22.50	18.12	25.25	20.00	18.75	18.12	19.56
1954	1,008	120	34	3	14	958	95.0	21.00	22.88	28.50	25.62	25.12	24.50	25.16
1955	1,548	106	34	4	13	1,497	96.7	27.50	24.00	33.50	23.50	18.62	18.50	19.44
1956	1,607	103	32	3	12	1,561	97.1	20.50	16.38	22.25	18.62	18.75	18.50	19.08
1957	1,436	104	33	4	10	1,388	96.7	18.75	16.62	23.88	20.75	20.88	20.25	20.85
1958	1,814	106	34	2	9	1,769	97.5	21.25	18.00	22.38	16.88	15.88	16.17	16.17
1959	1,523	106	35	2	8	1,478	97.0	23.75	17.50	23.12	18.12	17.62	17.75	17.00
1960	1,718	102	33	2	7	1,676	97.6	19.50	17.38	24.25	18.25	17.38	17.25	17.18
1961	1,657	114	33	2	6	1,616	97.6	19.00	17.38	23.62	19.62	18.50	18.44	18.44
1962	1,719	120	34	2	6	1,677	97.6	23.62	18.25	22.88	19.25	18.62	18.62	18.52
1963	1,942	124	34	2	5	1,901	97.9	21.12	19.00	24.25	19.62	20.12	19.90	19.90
1964	2,099	136	34	3	5	2,164	98.2	24.00	18.88	25.88	19.38	20.12	20.35	20.35
1965	2,384	137	32	3	4	2,345	98.4	21.50	19.12	23.88	19.38	19.25	19.25	19.25
1966	2,410	140	27	3	3	2,377	99.5	23.12	21.00	27.38	19.62	19.12	19.50	19.07
1967	2,473	146	27	3	3	2,441	98.7	23.00	19.62	26.50	21.12	21.12	20.62	19.53
1968	2,543	154	22	2	3	2,515	98.9	24.62	21.25	25.50	22.38	21.38	21.66	21.23
1969	2,529	163	22	2	3	2,502	98.9	24.62	20.75	26.50	22.36	21.88	22.12	22.09
1970 6/	2,979	181	21	2	3	2,954	99.2	23.48	21.25	25.12	22.00	21.62	21.62	21.88
1971 8/	3,004	194	19	2	3	2,960	99.2	1/24.79	1/23.58	1/27.23	1/23.67	1/23.25	1/23.26	1/23.26
1972														

1/ Seed used for planting the crop of the following year. The difference between total seed and seed used on farms where grown represents peanuts purchased for seed and is duplicated under "Sold".
 2/ Based on prices received from cleaners, shellers and brokers. 3/ Year beginning November. 4/ Year beginning September. 5/ Year beginning August. 6/ Preliminary. 7/ Season to date through April.

Table 56.--Peanuts: Supply and disposition (kernel basis), 1935-71

Year beginning Aug. 1	Supply				Disposition					
	Production 1/	Imports	Beginning stocks 2/	Total supply	Exports and shipments	Crushed for oil	Seed, feed, farm and skrinkage	Domestic food use		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Civilian per capita
Average 1935-39	821	3	33	857	1	148	108	---	563	4.3
1940	1,192	4	146	1,342	1	406	98	---	655	5.0
1941	1,002	1	182	1,185	6	170	197	50	633	4.8
1942	1,504	3	129	1,636	3	288	230	100	804	6.2
1943	1,466	1	211	1,678	23	329	202	150	734	5.7
1944	1,444	38	240	1,722	19	303	206	200	778	6.0
1945	1,427	22	216	1,665	45	277	191	10	886	6.6
1946	1,407	3/	256	1,663	173	369	204	---	746	5.3
1947	1,526	3/	171	1,697	337	334	208	2	652	4.5
1948	1,633	3/	164	1,797	507	331	145	4	668	4.6
1949	1,325	3/	142	1,467	122	434	154	5	608	4.1
1950	1,432	3/	144	1,576	48	442	152	10	680	4.5
1951	1,157	---	244	1,401	6	301	99	7	701	4.6
1952	926	---	287	1,213	2	133	103	7	681	4.4
1953	1,085	3/	287	1,372	165	209	102	7	694	4.4
1954	677	121	195	993	6	72	94	5	679	4.2
1955	1,098	3	137	1,238	4	183	114	1	676	4.1
1956	1,151	4	260	1,415	73	186	114	2	735	4.4
1957	1,013	2	305	1,320	34	168	115	2	763	4.5
1958	1,284	1	238	1,523	44	237	116	6	770	4.5
1959	1,145	3/	351	1,496	52	211	116	2	830	4.7
1960	1,274	3/	282	1,556	58	258	110	6	881	4.9
1961	1,238	2	242	1,482	24	181	122	5	895	4.9
1962	1,286	2	255	1,541	30	215	119	6	913	4.9
1964	1,428	2	260	1,690	69	268	134	3	947	5.0
1964	1,513	2	269	1,784	129	341	56	5	1,012	5.3
1965	1,722	1	241	1,964	179	374	52	9	1,078	5.6
1966	1,718	1	272	1,991	167	418	58	1	1,067	5.5
1967	1,859	1	280	2,140	149	484	117	2	1,123	5.7
1968	1,912	1	265	2,178	79	491	186	3	1,151	5.8
1969	1,901	1	268	2,170	105	437	176	2	1,185	5.9
1970 4/	2,240	1	265	2,506	218	601	156	2	1,188	5.9
1971 4/	2,259	1	341	2,601						

1/ Kernel production derived from production on a farmers' stock basis by means of a conversion factor dependent upon shelling operation in each year. Beginning 1965, kernel production derived from farmers' stock peanuts based on 75.19 factor.

2/ Includes oilstock peanuts.

3/ Less than 500,000 pounds.

4/ Preliminary.

Table 57.--Peanuts (farmers' stock basis): Acreage allotments, acreage harvested, production, price, and value, by areas, 1950-71

Crop year	Acreage		Picked and threshed production		Season average price received by farmer, per lb.	Value of production	Acreage		Picked and threshed production		Season average price received by farmer, per lb.	Value of production
	Allotments	Picked and threshed	Per acre	Total			Allotments	Picked and threshed	Per acre	Total		
	Thou. acres	Thou. acres	Pounds	Tons	Cents	Thou. dol.	Thou. acres	Thou. acres	Pounds	Tons	Cents	Thou. dol.
UNITED STATES												
1950 2/	2,200	2,252	900	1,017,542	10.90	221,881	372	379	1,275	241,545	12.70	61,129
1951 2/	1,389	1,982	877	829,442	10.40	173,240	391	381	1,477	281,280	12.20	63,385
1952	1,705	1,443	940	577,900	10.90	147,511	319	311	1,765	274,438	11.30	61,861
1953	1,579	1,515	1,035	787,088	11.10	174,742	291	291	1,625	245,195	12.00	58,905
1954	1,510	1,387	727	504,248	12.20	122,792	279	284	1,495	212,250	13.50	57,107
1955	1,731	1,569	928	774,153	11.70	181,585	299	307	1,254	192,485	13.10	50,321
1956	1,550	1,384	1,151	803,731	11.20	179,822	315	319	1,879	299,720	11.90	71,375
1957	1,511	1,481	919	717,775	10.40	148,855	279	289	1,823	263,417	10.70	56,131
1958	1,512	1,516	1,197	907,121	10.50	192,979	279	285	1,938	277,055	10.90	60,420
1959	1,512	1,435	1,051	3,761,509	9.56	145,842	279	282	1,651	3,732,770	10.60	49,464
1960	1,512	1,395	1,232	859,005	10.0	171,991	287	278	1,800	250,190	11.0	55,234
1961	1,512	1,398	1,185	823,549	10.9	181,543	287	276	1,708	235,660	11.6	54,489
1962	1,513	1,400	1,228	859,660	11.0	189,314	287	274	2,025	279,410	11.8	66,055
1963	1,512	1,395	1,391	971,044	11.2	217,788	287	275	1,972	271,135	11.3	61,357
1964	1,513	1,397	1,502	1,049,572	11.2	235,005	287	271	1,937	262,445	11.8	61,678
1965	1,513	1,435	1,561	1,191,985	11.4	272,248	287	272	2,424	299,610	12.0	78,959
1966	1,513	1,418	1,700	1,205,195	11.3	271,702	287	270	2,434	328,635	11.4	74,817
1967	1,513	1,402	1,765	1,236,692	11.4	282,661	286	269	2,241	301,435	11.7	70,444
1968	1,513	1,436	1,771	1,271,420	11.9	302,258	286	269	2,168	291,582	12.3	71,602
1969	1,512	1,451	1,743	1,264,372	12.3	311,337	286	269	2,157	290,168	13.1	76,024
1970 4/	1,513	1,467	2,031	1,489,732	12.8	382,503	286	269	2,818	379,005	13.4	101,305
1971 4/	1,513	1,454	2,067	1,501,846	13.5	407,943	286	253	2,118	271,540	14.1	76,466
1972 4/	1,513						285					
1973												
SOUTHEAST AREA												
1950 2/	1,126	1,164	933	543,140	10.40	112,928	700	719	648	232,957	10.30	47,824
1951 2/	926	1,026	832	426,705	9.64	82,340	570	575	422	121,457	9.25	22,514
1952	896	771	859	331,200	10.40	69,198	528	361	400	72,262	11.40	16,452
1953	897	808	968	391,210	10.60	82,714	529	416	724	150,683	11.00	33,123
1954	823	712	602	214,320	11.10	47,548	506	391	397	77,678	11.70	18,137
1955	885	828	951	393,555	11.20	88,501	545	534	705	188,123	11.50	43,163
1956	825	810	1,062	430,160	10.70	92,003	507	256	578	73,851	11.20	16,544
1957	824	786	839	329,918	10.10	66,747	507	406	613	124,440	10.40	25,977
1958	824	790	1,123	443,780	10.50	93,258	508	440	847	186,276	10.50	39,301
1959	824	756	975	3,368,367	8.96	66,092	507	397	808	3,160,472	9.44	30,285
1960	816	725	1,175	425,547	9.4	80,139	509	392	934	183,268	9.99	36,618
1961	815	728	1,151	418,777	10.7	89,687	510	395	882	174,112	10.7	37,367
1962	815	726	1,099	398,950	10.6	84,305	511	398	910	181,300	10.7	38,954
1963	814	732	1,413	517,181	11.2	115,611	511	389	939	182,728	11.2	40,820
1964	814	736	1,546	568,410	11.0	125,569	511	391	1,120	218,717	10.9	47,759
1965	814	743	1,667	619,147	11.2	139,182	512	420	1,157	243,228	11.1	54,107
1966	814	730	1,546	564,257	11.3	127,752	512	418	1,494	312,303	11.1	69,133
1967	817	716	1,831	656,022	11.4	150,236	512	416	1,342	279,235	11.1	61,981
1968	814	744	1,732	644,100	11.8	151,687	512	423	1,588	335,738	11.8	78,969
1969	814	757	1,767	668,930	12.1	161,801	512	425	1,438	305,274	12.0	73,512
1970 4/	815	768	2,059	790,629	12.8	202,692	512	430	1,488	320,098	12.3	78,506
1971 4/	815	781	2,360	929,149	13.6	252,785	512	429	1,429	301,158	13.1	78,692
1972	815						512					
1973												

1/ ASCS data. 2/ In addition, allowance was made for expanded production of peanuts for oil, without penalty. 3/ Beginning with 1959 crop, production reported on a net weight basis. Prior years were gross weight. 4/ Preliminary.

Table 58.--Peanuts (farmers' stock basis): Allotments, acreage, yield marketing quotas and production, 1950-72

Crop year	Acreage			Yield per acre		Announced marketing quota	Production	Excess acreage peanuts sold for oil 3/		
	Allotment		Harvested for nuts	Used in	determining					
	Actual 1/	Legal minimum 2/	Total	Percentage of allotment	allotments or quotas					
1,000 acres	1,000 acres	1,000 acres	Percent	Pounds	Pounds	Million pounds	Million pounds	Million pounds		
1950	2,200	2,100	2,262	103	665	900	1,286	2,035	749	65
1951	1,889	1,610	1,982	105	734	837	1,300	1,659	359	194
1952	1,705	1,610	1,443	85	777	940	1,300	1,356	56	---
1953	1,679	1,610	1,515	90	790	1,039	1,326	1,574	248	---
1954	1/1,610	1,610	1,387	86	837	727	1/1,348	1,008	-340	---
1955	1,731	1,610	1,669	96	920	928	1,592	1,548	-44	---
1956	1,650	1,610	1,384	84	894	1,151	1,500	1,607	107	---
1957	1/1,611	1,610	1,481	92	901	969	1,451	1,436	-15	---
1958	1,612	1,610	1,516	94	1,026	1,197	1,652	1,814	162	---
1959	1,612	1,610	1,435	89	1,101	1,061	1,772	5/1,523	-249	---
1960	1,612	1,610	1,395	87	1,160	1,232	1,868	1,716	-150	---
1961	1,612	1,610	1,398	87	1,205	1,185	1,940	1,657	-283	---
1962	1,613	1,610	1,400	87	1,250	1,228	2,012	1,719	-293	---
1963	1,612	1,610	1,396	87	1,250	1,391	2,012	1,942	-70	---
1964	1,613	1,610	1,397	87	1,285	1,502	2,133	2,099	-34	---
1965	1,613	1,610	1,435	89	1,475	1,661	2,375	2,384	-9	---
1966	1,613	1,610	1,418	88	1,700	1,700	2,737	2,410	-327	---
1967	1,613	1,610	1,402	87	1,775	1,765	2,898	2,473	-385	---
1968	1,613	1,610	1,436	89	1,850	1,771	2,978	2,543	-435	---
1969	1,612	1,610	1,451	90	1,925	1,743	3,099	2,529	-570	---
1970	1,613	1,610	1,467	91	1,910	2,031	3,075	2,979	-196	---
1971 6/	1,613	1,610	1,454	90	1,930	2,067	3,107	3,004	-103	---
1972 5/	1,613	1,610			2,030		3,268			
1973										

1/ Includes additional acreage for types of peanuts in short supply and/or required by legislation passed subsequent to establishment of the allotment. 2/ The 1950 allotment was 2.2 million to conform with subsequent legislation. 3/ 1950 and 1951 producers could harvest without penalty peanuts from acreage in excess of their allotments if these peanuts were sold for crushing. Allowance has been made for substitution between quota and excess acreage peanuts. 4/ Except for the minimum acreage required by law, the 1954 allotment would have been 1,546 thousand acres, based upon a marketing quota of 1,294 million pounds. The marketing quota was raised in order to obtain the minimum acreage allotment. In 1957 and subsequent years, the allotment (before an increase for peanuts in short supply) was set at the legal minimum. 5/ Beginning with 1959 crop, production reported on a net weight basis. 6/ Preliminary.

Table 59.--Peanuts (farmers' stock basis): U.S. average support level and support rates, by types, 1951-72

Crop year beginning August	U.S. average support level			Support price of average quality 1/				
	Effective parity August 1	Supported at		Virginia	Runner	Southeast Spanish	Southwest Spanish	Valencia
		Percent of August parity	Amount					
1951	262	88	230.96	244.00	218.51	238.11	266.47	2/
1952	266	90	239.40	252.71	227.90	245.38	233.52	2/
1953	264	90	237.60	250.77	225.90	243.38	231.52	2/
1954	272	90	244.80	257.99	233.29	250.66	238.56	2/
1955	272	90	244.80	257.99	233.29	250.66	238.56	2/
1956	264	86	227.04	242.98	212.56	230.30	223.43	231.83
1957	272	81.4	221.40	236.80	206.70	224.38	218.33	226.95
1958	264	80.8	213.20	224.97	200.50	217.69	209.69	220.17
1959	258	75	193.50	205.30	180.64	197.90	189.83	200.94
1960	256	78.6	201.24	213.93	188.08	204.36	197.61	210.95
1961	258	85.6	221.00	233.69	207.84	224.12	217.37	233.82
1962	270	82	221.40	234.19	208.71	226.35	217.13	234.19
1963	280	80	224.00	236.86	211.24	228.98	219.70	236.86
1964	282	79.4	224.00	236.86	211.24	228.98	219.70	236.86
1965	290	77.2	224.00	236.86	211.24	228.98	219.70	236.86
1966	295	76.7	227.00	239.86	214.24	231.98	222.70	239.86
1967	302	75.2	227.00	239.86	214.24	231.98	222.70	239.86
1968	310	77.5	240.25	253.73	227.37	245.63	236.07	253.73
1969	326	76	247.50	257.41	238.00	249.37	245.12	257.41
1970	340	75	255.00	264.93	245.23	256.77	252.45	264.93
1971	358	75	268.50	278.54	261.26	268.42	263.86	278.54
1972 3/	1/372	75	279	286	281	274	270	286
1973								

1/ Basis of support price determination over 1951-55 period not comparable with that of 1956-71. During the 1951-55 period price support by types was on the basis of a "base grade ton"; but average quality ton prices rather than base grade ton prices are shown for those years. For years subsequent to 1955, price support by types was based on an average quality ton. 2/ For Valencia type containing less than 2% discoloration and damage, the support price was the same as the Virginia type support price for the same grade except no premium for extra large kernels. 3/ Minimum support level for 1972-crop peanuts announced in April 1972. 4/ April 1972 peanut parity price.

Table 60 --- Peanuts (farmers' stock basis): Edible use in primary products, total and per capita, 1950-70

Year beginning August	Total					Farm household use and local sales	Other	Total domestic food use
	Peanut butter	Salted peanuts	Peanut candy	Peanut butter sandwiches	Cleaned roasting stock			
	-- Million pounds --							
1950	392	189	171	---	69	64	96	981
1951	396	202	173	---	81	53	110	1,015
1952	420	215	174	---	82	47	70	1,008
1953	432	216	173	---	79	46	71	1,017
1954	447	213	165	---	70	39	85	1,019
1955	460	206	168	---	66	49	6	955
1956	451	226	187	22	54	43	46	1,029
1957	506	242	194	23	74	40	5	1,084
1958	511	254	191	23	82	46	---	1,096
1959	508	264	196	25	84	44	33	1,154
1960	590	266	203	25	84	46	30	1,244
1961	610	264	203	25	86	44	28	1,265
1962	602	277	207	27	88	42	50	1,293
1963	654	282	211	30	88	57	25	1,347
1964	666	280	223	28	86	61	71	1,411
1965	691	295	249	30	96	66	28	1,445
1966	638	303	263	32	98	62	24	1,420
1967	684	310	287	29	93	60	31	1,496
1968	698	319	301	29	104	60	28	1,539
1969	720	321	314	29	105	60	27	1,576
1970 ^{1/}	719	310	323	33	114	60	16	1,583
1971								
1972								
1973								
	-- Pounds --							
1950	2.6	1.3	1.1	---	.5	.4	.6	6.4
1951	2.6	1.3	1.1	---	.5	.4	.7	6.6
1952	2.7	1.4	1.1	---	.5	.3	.5	6.4
1953	2.7	1.4	1.1	---	.5	.3	.4	6.4
1954	2.8	1.3	1.0	---	.5	.2	.5	6.3
1955	2.8	1.3	1.0	---	.4	.3	2/	5.8
1956	2.7	1.4	1.1	.1	.3	.3	.3	6.1
1957	3.0	1.4	1.1	.1	.4	.2	.1	6.4
1958	2.9	1.5	1.1	.1	.5	.3	---	6.3
1959	2.9	1.5	1.1	.1	.5	.3	.2	6.5
1960	3.3	1.5	1.1	.1	.5	.3	.1	6.9
1961	3.3	1.4	1.1	.1	.5	.2	.3	6.9
1962	3.2	1.5	1.1	.1	.5	.2	.5	6.9
1963	3.5	1.5	1.1	.2	.5	.3	.1	7.1
1964	3.5	1.5	1.2	.1	.4	.3	.4	7.4
1965	3.6	1.5	1.3	.2	.5	.3	.1	7.4
1966	3.3	1.6	1.4	.2	.5	.3	.1	7.3
1967	3.4	1.6	1.5	.1	.5	.3	.2	7.6
1968	3.5	1.6	1.5	.1	.5	.3	.2	7.7
1969	3.6	1.6	1.6	.1	.5	.3	.1	7.8
1970 ^{1/}	3.5	1.5	1.6	.2	.6	.3	.1	7.8
1971								
1972								
1973								
	-- Percent --							
1950	40	19	17	---	7	7	10	100
1951	39	20	17	---	8	5	11	100
1952	42	21	17	---	8	5	7	100
1953	42	21	17	---	8	5	7	100
1954	44	21	16	---	7	4	8	100
1955	48	22	18	---	7	4	1	100
1956	44	22	18	2	5	4	5	100
1957	47	22	18	2	7	3	1	100
1958	47	23	17	2	7	4	---	100
1959	44	23	17	2	7	4	3	100
1960	47	21	16	2	7	4	3	100
1961	48	21	16	2	7	4	2	100
1962	47	21	16	2	7	3	4	100
1963	48	21	16	2	7	4	2	100
1964	47	20	16	2	6	4	5	100
1965	48	20	17	2	7	4	2	100
1966	45	21	19	2	7	4	2	100
1967	46	21	19	2	6	4	2	100
1968	46	21	19	2	7	4	1	100
1969	46	20	20	2	7	4	1	100
1970 ^{1/}	45	20	21	2	7	4	1	100
1971								
1972								
1973								

^{1/} Preliminary. ^{2/} Less than .05 pounds.

Table 62 --Peanuts (Farmers' stock basis): Price and quantity acquired under CCC support program, by areas, 1950-71

Crop year	Average price per pound					Acquired under support program 1/					Total	
	Received by farmers in:	Virginia:	South:	South:	United:	Paid to:	Virginia:	South:	South:	Quantity:		Percentage:
	States	Carolina:	Carolina:	Carolina:	States	CCC for:	Carolina:	Carolina:	Carolina:	Quantity:	Percentage:	
	Cents	Cents	Cents	Cents	Cents	Cents	Crushing	area	area	area	of	
								Million	Million	Million	Million	Percent
								pounds	pounds	pounds	pounds	
1950	10.8	12.7	10.4	10.3	10.9	7.5	96	554	184	835	41	
1951	11.5	12.2	9.6	9.2	10.4	6.2	132	352	56	540	32	
1952	12.0	11.3	10.4	11.4	10.9	7.2	37	69	---	106	8	
1953	11.9	12.0	10.6	11.0	11.1	6.5	6	258	30	294	19	
1954	12.2	13.5	11.1	11.7	12.2	---	---	---	---	---	---	
1955	12.2	13.1	11.2	11.5	11.7	5.6	10	190	68	268	17	
1956	11.4	11.9	10.7	11.2	11.2	5.5	89	245	---	334	21	
1957	11.1	10.7	10.1	10.4	10.4	5.2	58	50	2/	108	8	
1958	10.7	10.9	10.5	10.5	10.6	5.0	83	240	60	383	21	
1959	9.7	10.6	9.0	9.4	9.6	5.3	14	194	38	246	15	
1960	10.1	11.0	9.4	10.0	10.0	5.1	28	199	71	299	17	
1961	11.0	11.6	10.7	10.7	10.9	5.0	31	138	62	231	13	
1962	11.1	11.8	10.6	10.7	11.0	5.0	106	160	65	331	18	
1963	11.2	11.3	11.2	11.2	11.2	3/6.5	42	299	30	371	19	
1964	11.2	11.8	11.0	10.9	11.2	7.5	89	320	103	512	24	
1965	11.2	12.0	11.2	11.1	11.4	7.6	150	424	124	688	29	
1966	11.35	11.4	11.3	11.1	11.3	7.3	125	351	225	701	29	
1967	11.35	11.7	11.4	11.1	11.4	6.7	94	394	117	605	24	
1968	12.01	12.3	11.8	11.8	11.9	6.6	87	354	140	581	23	
1969	12.38	13.1	12.1	12.0	12.3	7.7	59	398	131	588	23	
1970 4/	12.75	13.4	12.8	12.3	12.8	8.8	244	570	248	1,062	36	
1971 4/	13.42	14.1	13.6	13.1	13.6	---	---	---	---	---	---	
1972	---	---	---	---	---	---	---	---	---	---	---	
1973	---	---	---	---	---	---	---	---	---	---	---	

1/ Includes purchases of shelled peanuts and farmers' stock sold from the loan at CCC's direction in those years when partial redemptions were not authorized. 2/ CCC was designated as the sole purchaser of farmers stock peanuts. 3/ Estimated price received for all peanuts sold by CCC on a kernel basis beginning 1963. 4/ Preliminary.

Table 63 --Peanuts: CCC price support operations, crop years, 1950-71

Crop year	Support level: Percentage of parity on Aug. 1	Average price per pound received by farmers	Quantity pledged for price support: Loans plus direct purchases 1/	Under price support program (Farmers' stock basis)					Total	CCC realized net loss	
				Edible and seed	Crushing	Export	Sec. 32	Per pound acquired			
	Percent	Cents	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million dollars	Cents	
1950	90	10.8	10.9	552	835	132	582	61	---	17.1	2.0
1951	88	11.5	10.4	253	540	106	390	6	---	9.4	1.8
1952	90	12.0	10.9	107	106	16	55	---	---	4.8	4.7
1953	90	11.9	11.1	457	294	10	189	238	---	14.0	4.8
1954	90	12.2	12.2	14	---	---	19	8	---	---	---
1955	90	12.2	11.7	300	268	---	186	1	---	17.1	6.4
1956	86	11.4	11.2	366	334	---	170	99	---	20.2	6.0
1957	81.4	11.1	10.4	243	108	8	81	45	8	6.1	5.6
1958	80.8	10.7	10.6	264	383	---	233	59	9	21.2	5.5
1959	75	9.7	9.6	317	246	18	178	65	10	11.4	4.6
1960	78.6	10.1	10.0	277	299	---	244	86	66	16.7	5.6
1961	85.6	11.0	10.9	199	231	---	122	33	63	12.1	5.2
1962	82	11.1	11.0	276	331	---	181	46	63	21.2	6.4
1963	80	11.3	11.2	340	371	64	289	90	3/59	28.3	7.6
1964	79.4	11.2	11.2	403	512	87	337	199	61	30.5	6.0
1965	77.2	11.2	11.4	468	688	16	437	254	60	44.3	6.4
1966	76.7	11.35	11.3	534	701	77	471	230	38	43.8	6.2
1967	75.2	11.35	11.4	458	605	80	478	180	54	48.2	4/7.3
1968	77.5	12.01	11.9	452	581	118	487	92	66	38.8	6.7
1969	76	12.38	12.3	415	588	35	472	115	67	36.0	6.1
1970 5/	75	12.75	12.8	877	1,052	22	782	231	69	66.3	6.2
1971 5/	75	13.42	13.6	1,040	1,180	---	---	---	---	---	---
1972	---	---	---	---	---	---	---	---	---	---	---
1973	---	---	---	---	---	---	---	---	---	---	---

1/ Acquisitions and purchases from the crop. 2/ Disposition made within the crop year. Does not include stocks carried into the next year. In 1963 and subsequent years, the quantities disposed of for "edible and seed" are not included in acquisitions by CCC. 3/ Beginning with 1963, direct purchases of peanut butter were made for donations to needy persons and school lunch programs. These quantities are not included in the acquisition figures. 4/ Loss per pound diverted, which includes acquisitions and 5/ million pounds from inventory. 5/ Preliminary.

Table 6k.--Peanuts and other specified crops: CCC cost relationships, by crops, 1960-70

Commodity and crop year	CCC realized loss and costs ^{1/}	Participating farms		Harvested acres		Value of production	
		Total	Cost per farm	Total	Cost per acre	Total ^{2/}	Government cost as percent of value
		Number	Dol.	Thous. acres	Dol.	Mil. dol.	Percent
1960 Crop:							
Rice	157.6	15,394	20,238	1,595	99	248.4	63
Wheat	1,421.9	1,643,237	854	51,895	27	2,365.2	60
Feed grains	955.7	4/	4/	127,826	7	5,469.1	17
Cotton, upland	555.6	925,000	601	15,249	36	2,256.4	26
Tobacco	31.6	577,288	55	1,142	28	1,183.8	3
Peanuts	16.7	116,000	344	1,395	12	172.0	10
1961 Crop:							
Rice	134.7	15,026	8,970	1,589	85	278.6	43
Wheat	1,568.2	1,651,928	949	51,551	30	2,258.4	69
Feed grains	1,697.5	1,146,388	1,480	106,346	16	6,205.5	27
Cotton, upland	388.7	800,000	466	15,575	25	2,338.2	17
Tobacco	29.2	573,070	51	1,174	25	1,315.0	2
Peanuts	12.1	114,000	106	1,398	9	181.5	7
1962 Crop:							
Rice	159.9	14,853	10,766	1,773	90	332.6	48
Wheat ^{3/}	1,832.2	1,772,076	1,034	43,688	42	2,513.2	73
Feed grains	1,149.7	1,249,633	920	101,888	11	6,400.5	18
Cotton, upland	385.8	760,000	508	15,475	25	2,341.4	16
Tobacco	11.0	572,462	72	1,224	33	1,563.8	3
Peanuts	21.2	106,000	200	1,400	15	189.3	11
1963 Crop:							
Rice	179.7	14,484	12,407	1,771	101	352.1	51
Wheat ^{3/}	1,835.5	1,721,000	1,056	45,506	40	2,357.8	78
Feed grains	1,395.2	1,194,665	1,168	109,097	13	6,879.1	20
Cotton, upland	485.1	639,000	759	14,072	34	2,428.3	20
Tobacco	38.8	570,136	68	1,176	33	1,351.8	3
Peanuts	28.3	98,000	289	1,396	20	217.8	13
1964 Crop:							
Rice	154.8	14,168	10,972	1,786	87	359.7	43
Wheat	1,507.3	584,955	2,577	49,762	30	2,210.0	68
Feed grains	1,547.9	1,243,227	1,245	97,147	16	6,740.0	23
Cotton, upland	752.4	605,000	1,244	13,953	54	2,264.0	33
Tobacco	20.4	565,692	36	1,078	19	1,333.0	2
Peanuts	30.5	95,000	321	1,397	22	235.0	13
1965 Crop:							
Rice	117.1	13,810	8,479	1,793	65	376.0	31
Wheat	1,526.7	819,535	1,863	49,560	31	2,285.0	67
Feed grains	1,652.5	1,424,157	1,160	95,984	17	7,763.0	21
Cotton, upland	702.8	600,000	1,171	13,540	52	2,149.0	33
Tobacco	31.4	553,587	57	977	32	1,222.0	3
Peanuts	44.3	92,000	482	1,435	31	272.2	16
1966 Crop:							
Rice	175.9	13,611	12,923	1,957	89	421.0	42
Wheat	1,271.1	809,079	1,571	49,857	27	2,822.7	45
Feed grains	1,777.1	1,404,491	1,264	97,812	18	8,116.0	22
Cotton, upland	1,382.4	511,576	2,702	9,474	126	1,758.0	79
Tobacco	61.9	541,434	114	971	64	1,260.2	5
Peanuts	43.8	90,000	487	1,418	31	271.7	16
1967 Crop:							
Rice	157.9	13,658	11,668	1,970	78	444.0	35
Wheat	1,228.4	768,813	1,597	58,772	21	2,639.0	43
Feed grains	1,035.4	1,308,058	792	100,750	10	7,562.0	14
Cotton, upland	1,400.4	482,812	2,776	7,931	169	1,876.0	71
Tobacco	61.1	538,123	114	960	61	1,315.7	5
Peanuts	48.2	89,380	539	1,402	34	282.7	17
1968 Crop:							
Rice	201.6	13,494	14,939	2,353	85	520.0	39
Wheat	982.7	803,050	1,223	55,262	17	2,704.8	36
Feed grains	1,259.8	1,427,018	883	97,117	13	7,833.3	16
Cotton, upland	883.1	460,163	1,949	10,093	87	1,996.2	44
Tobacco	64.1	533,180	120	880	72	1,204.1	5
Peanuts	38.8	86,858	446	1,436	27	302.3	13
1969 Crop:							
Rice	228.6	14,899	15,343	2,128	107	449.9	51
Wheat	1,232.6	953,318	1,293	47,577	26	2,681.7	46
Feed grains	1,937.8	1,558,021	1,220	95,584	20	8,711.9	22
Cotton, upland	1,034.4	475,545	2,175	10,930	64	1,871.0	96
Tobacco	99.9	530,760	183	920	108	1,300.8	8
Peanuts	35.0	86,772	415	1,451	25	311.3	12
1970 Crop: ^{4/}							
Rice	237.2	14,686	16,151	1,835	130	420.5	56
Wheat	1,340.9	923,302	1,452	44,141	30	2,716.1	49
Feed grains	1,744.7	1,537,687	1,135	99,108	18	8,827.9	20
Cotton, upland	1,022.3	476,209	2,294	11,025	98	2,010.7	54
Tobacco	111.4	527,954	243	899	246	1,382.2	10
Peanuts	66.3	85,202	778	1,467	45	382.5	17
1971 Crop:							
Rice							
Wheat							
Feed grains							
Cotton, upland							
Tobacco							
Peanuts							

^{1/} Fiscal year most closely comparable to crop year listed; e.g.--fiscal year 1971 costs relate most closely to 1970 crop year. Includes loss on sales, donations, carrying charges, commodity export payments, gross costs of P.L. 480 programs and other related costs. For wheat also includes IWA, land diversion, price support payments and net cost of marketing certificates; feed grains also include price support and land diversion payments; cotton includes equalization payments, price support payments and diversion payments. P.L. 480 costs do not include (a) dollar proceeds from sales of foreign currencies and (b) dollar repayments under long-term credit and supply contracts. Interest and administrative costs are excluded (except for IWA). ^{2/} Includes Government payments where applicable. ^{3/} Mandatory program. ^{4/} No diversion program in effect--no farm bases established. ^{5/} Preliminary.

NOTE: For Rice, Cotton (through 1965 crop), Tobacco and Peanuts, mandatory programs in effect. In each case a few farms having allotments planted no acreage and could be considered as not participating. In view of the relatively small number of these, all allotment farms have been considered as participating. SOURCE: ASCS.

Table 65.--Peanut oil and meal: Supply, disposition, utilization and price, 1950-70

Year beginning August	Peanut oil									
	Supply					Disposition			Price	
	Peanuts crushed		Imports	Stocks Aug. 1	Total	Exports	Domestic disappearance	Peanuts (oil equivalent of exports for crushing)	Per pound crude, S.E. Mills	Gents
	Total crushings (Farmers' stock basis)	Oil production								
	Total	Yield								
	Mill. lb.	Mill. lb.	Pct.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Cents
1950	629	186	29.6	---	23	209	39	132	20	21.8
1951	432	130	30.1	---	38	168	42	108	1	19.0
1952	195	55	28.1	---	17	72	2	66	---	21.1
1953	304	83	27.6	2	5	90	9	62	68	18.2
1954	107	26	23.9	27	19	72	1	44	2	18.3
1955	257	75	29.0	11	16	102	2	68	---	16.8
1956	260	76	29.4	---	32	108	24	73	24	15.3
1957	239	67	28.2	3	12	82	4	68	5	16.3
1958	335	97	29.1	7	10	115	9	56	4	13.9
1959	292	86	29.5	---	21	107	12	81	11	14.2
1960	362	104	28.9	1/	14	118	2/12	82	12	14.7
1961	256	70	27.4	5	24	99	2/8	72	1	17.4
1962	302	86	28.6	1	18	105	3	68	1	13.5
1963	380	111	29.3	---	34	145	53	72	8	11.2
1964	473	141	29.9	1/	20	161	87	55	26	14.4
1965	517	156	30.1	1/	20	176	17	106	46	13.2
1966	587	173	29.4	1/	52	225	4	173	42	12.9
1967	644	199	30.9	1/	48	247	6	205	34	12.6
1968	654	205	31.4	1/	34	239	26	180	10	13.2
1969	581	182	31.3	1/	34	216	36	154	12	14.9
1970 3/	799	254	31.7	1/	25	279	44	193	54	17.1
1971 3/					42					
1972										

Year beginning August	Peanut oil										
	Food uses					Non food uses			Domestic disappearance		
	Shortening	Margarine	Cooking and salad oils 4/	Other	Total	Soap	Foots and loss	Other	Total	Reported consumption	Computed
-- Million pounds --											
1950	18	1/	(54)	99	117	---	7	7	14	101	131
1951	21	1/	(44)	75	96	---	5	6	12	68	108
1952	5	2	(30)	51	58	---	4	4	8	34	66
1953	4	2	(17)	49	55	1/	4	4	8	24	62
1954	6	2	(18)	40	48	1/	4	5	6	26	54
1955	6	2	(15)	52	60	1/	3	5	8	22	68
1956	6	4	(23)	56	66	---	4	3	7	23	73
1957	6	4	(25)	51	60	---	5	2	7	25	68
1958	3	4	(22)	73	80	---	4	2	6	26	86
1959	4	5	35	31	75	---	9	1	6	63	81
1960	7	7	58	12	76	---	5	4	9	84	82
1961	2	3	60	12	76	---	4	4	8	84	72
1962	2	5	48	8	64	---	4	3	6	70	68
1963	6	7	55	7	75	---	3	3	6	80	72
1964	7	6	54	5	51	---	3	3	6	67	55
1965	7	6	38	8	109	---	4	4	8	118	106
1966	22	5	125	9	161	---	10	4	14	175	173
1967	13	6	152	15	185	---	7	5	12	208	206
1968	19	4	141	13	177	---	7	5	12	188	180
1969 3/	16	1	129	9	155	---	5	4	9	164	154
1970 3/	16	---	152	5	176	---	7	5	12	188	193
1971											
1972											

Year beginning August	Peanut meal									
	Supply					Disposition			Price per ton	
	Total crushings (farmers' stock basis)	Meal production		Imports	Stocks, August 1 5/	Total supply	Exports	Feed and other uses	50 percent protein, S.E. Mills 6/	Dollars
		Total	Yield							
	1,000 tons	Percent								
1950	314	147.4	46.9	4.2	2.6	154.5	27.7	121.8	63.65	
1951	216	100.2	46.4	2.9	4.9	108.0	2.7	103.9	80.10	
1952	98	43.5	44.8	4.8	1.4	50.7	7/	48.7	76.25	
1953	152	65.0	42.0	2	2.0	65.8	1.4	61.2	73.25	
1954	54	24.3	43.6	5	3.3	27.1	1.3	24.2	73.25	
1955	128	64.4	40.3	---	1.6	96.0	11.4	38.8	54.20	
1956	130	64.8	42.7	---	5.8	62.6	20.4	39.0	48.30	
1957	120	51.2	42.9	---	1.2	54.4	3.3	49.3	53.85	
1958	168	71.2	42.4	---	1.7	72.9	8/	70.7	57.40	
1959	146	63.4	43.3	---	2.2	65.5	---	60.7	56.30	
1960	181	75.4	42.4	---	4.8	81.2	---	77.9	55.35	
1961	128	55.7	43.4	---	3.4	59.0	---	54.3	62.00	
1962	151	65.5	43.5	---	4.7	70.2	---	67.5	66.90	
1963	190	77.4	40.8	---	2.7	80.1	---	74.4	64.00	
1964	236	95.3	40.8	---	5.7	102.0	---	99.4	64.95	
1965	258	103.1	40.1	---	2.6	105.9	---	102.7	76.78	
1966	294	116.4	39.7	---	3.2	119.6	---	110.0	84.78	
1967	322	133.3	41.4	---	9.6	142.9	---	138.3	79.31	
1968	277	117.6	42.1	---	4.4	142.2	---	137.8	82.00	
1969	290	121.9	41.9	---	4.4	126.3	---	122.5	77.33	
1970 3/	400	170.2	42.6	---	3.9	174.1	---	163.3	80.64	
1971 3/					10.8					
1972										

1/ Less than 500,000 pounds. 2/ Includes estimates of foreign donations not reported by Census. 3/ Preliminary. 4/ Bracketed figures represent peanut oil decolorized which is included in the "other" category. 5/ Stocks at processors mills. 6/ Prior to October 1964, 47% protein. 7/ Less than 50 tons. 8/ Data no longer separately reported.

Table 66 ---Peanuts (farmers' stock basis): Yield, price and value of products per 100 pounds crushed and season average price per 100 pounds, 1950-70

Year beginning August	Per 100 pounds crushed						Total value of products	Value as a percentage of total value		Peanuts, season average price	
	Oil			Meal				Oil	Meal	Received by farmers for all uses ^{3/}	Per crushing ^{4/}
	Yield	Price ^{1/}	Value	Yield	Price ^{2/}	Value	Dollars	Percent	Percent	Dollars	Dollars
	Pounds	Cents	Dollars	Pounds	Cents	Dollars					
1950	29.6	21.84	6.46	45.9	3.18	1.49	7.95	81	19	10.9	7.5
1951	30.1	28.99	5.72	46.4	4.26	1.98	7.70	74	26	10.4	6.2
1952	28.1	21.12	5.93	44.8	3.81	1.71	7.64	78	22	10.9	7.2
1953	27.6	18.23	5.03	42.0	3.66	1.54	6.57	77	23	11.1	6.5
1954	23.9	18.32	4.38	43.6	3.66	1.60	5.98	73	27	12.2	7.5
1955	29.0	16.78	4.87	42.3	2.71	1.15	6.02	81	19	11.7	5.6
1956	29.4	15.27	4.49	43.7	2.42	1.06	5.55	81	19	11.2	5.5
1957	28.2	16.29	4.59	42.9	2.69	1.25	5.74	80	20	10.4	5.2
1958	29.1	13.88	4.04	42.4	2.87	1.22	5.26	77	23	10.6	5.0
1959	29.5	14.16	4.18	43.3	2.82	1.22	5.40	77	23	9.6	5.3
1960	28.9	14.69	4.25	42.4	2.77	1.17	5.42	78	22	10.0	5.1
1961	27.4	17.43	4.78	43.4	3.10	1.35	6.13	78	22	10.9	5.0
1962	28.6	13.50	3.86	43.5	3.34	1.45	5.31	73	27	11.0	5.0
1963	29.3	11.25	3.30	40.8	3.20	1.31	4.61	72	28	11.2	6.5
1964	29.9	14.45	4.32	40.8	3.25	1.33	5.65	76	24	11.4	7.5
1965	30.1	13.23	3.98	40.0	3.84	1.54	5.52	72	28	11.4	7.6
1966	29.4	12.89	3.79	39.7	4.24	1.68	5.47	69	31	11.3	7.3
1967	30.3	12.62	3.90	41.4	3.97	1.64	5.54	70	30	11.4	6.7
1968	31.4	13.17	4.14	42.1	4.10	1.73	5.87	71	29	11.9	6.6
1969	31.3	14.87	4.65	41.9	3.87	1.62	6.27	74	26	12.3	7.7
1970 ^{5/}	31.7	17.10	5.42	42.6	4.03	1.72	7.14	76	24	12.8	8.8
1971										13.6	

^{1/} Crude, tank cars, f.o.b. southeastern mills. ^{2/} Beginning October 1964, 50% protein, f.o.b. southeastern mills. Prior years 49% protein. ^{3/} Monthly prices by States weighted by production to obtain monthly prices for the United States. Season average prices for each State based on monthly prices weighted by estimated monthly sales. ^{4/} Estimated price received for all peanuts sold by CCC on a kernel basis beginning 1963. ^{5/} Preliminary.

Table 67 ---Soybeans: Yield, price and value of products per bushel crushed, and price spread, 1950-70

Year beginning October	Soybean oil			Soybean meal			Total value of oil and meal	Soybean price		Spread between value of products and soybean price	
	Yield	Price ^{1/}	Value	Yield	Price ^{1/}	Value		Farm ^{2/}	No. 1 yellow Illinois points ^{3/}	Farm	No. 1 yellow Illinois points
	Lb.	Ct.	Dol.	Lb.	Ct.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1950	9.7	17.8	1.73	46.8	3.22	1.51	3.24	2.47	2.97	.77	.27
1951	10.0	11.3	1.13	46.7	4.17	1.95	3.08	2.73	2.97	.35	.11
1952	10.8	12.1	1.31	47.4	3.38	1.60	2.91	2.72	2.78	.19	.13
1953	11.0	13.5	1.48	47.4	3.93	1.86	3.34	2.72	3.26	.62	.08
1954	10.9	11.9	1.30	45.8	3.04	1.39	2.69	2.46	2.56	.23	.14
1955	11.1	12.5	1.39	46.2	2.63	1.21	2.60	2.22	2.51	.39	.10
1956	10.9	12.7	1.38	47.5	2.37	1.13	2.51	2.18	2.33	.33	.18
1957	10.7	10.8	1.16	46.8	2.67	1.25	2.41	2.07	2.19	.34	.22
1958	10.6	9.5	1.01	47.3	2.79	1.32	2.38	2.00	2.11	.33	.22
1959	11.0	8.3	.91	46.5	2.78	1.29	2.20	1.96	2.08	.24	.12
1960	11.0	11.3	1.24	47.0	3.03	1.42	2.66	2.13	2.55	.53	.11
1961	10.9	9.5	1.04	47.1	3.18	1.50	2.54	2.28	2.41	.26	.13
1962	10.7	8.9	.95	46.9	3.56	1.67	2.62	2.34	2.53	.28	.09
1963	10.9	8.5	.93	48.1	3.55	1.71	2.64	2.51	2.58	.13	.06
1964	10.9	11.3	1.23	47.7	3.51	1.68	2.91	2.62	2.81	.29	.10
1965	10.7	11.8	1.26	47.5	4.08	1.94	3.20	2.54	2.95	.66	.25
1966	10.7	10.1	1.08	47.6	3.94	1.88	2.96	2.75	2.81	.21	.15
1967	10.5	8.4	.89	47.7	3.84	1.83	2.72	2.49	2.60	.23	.12
1968	10.6	8.4	.89	47.4	3.70	1.75	2.64	2.43	2.54	.21	.16
1969	10.6	11.2	1.19	47.4	3.92	1.86	3.05	2.35	2.56	.70	.49
1970 ^{4/}	10.9	12.8	1.40	47.4	3.92	1.86	3.26	2.85	3.03	.41	.23
1971											

^{1/} Simple average price per pound using the following quotations: Soybean oil, crude, tank cars, f.o.b. Decatur, Ill.; soybean meal, bulk, Decatur, 44% protein. ^{2/} Weighted average. ^{3/} Simple average. ^{4/} Preliminary.

Table 68.--Peanut oil: Supply, disposition, and price, 1950-70

Year beginning October	Supply			Disposition		Peanuts, oil equivalent of exports for crushing	Price per pound (crude S.E. mills)
	Production	Imports	Stocks, Oct. 1	Total	Exports			Domestic disappearance
-- Million pounds --							
1950	191	0	7	197	53	127	21.3
1951	123	0	18	141	27	103	15.8
1952	53	1/	10	63	1	58	21.8
1953	82	2	4	87	9	66	17.8
1954	20	31	13	63	1	52	18.2
1955	81	7	10	98	3	68	15.1
1956	84	0	27	112	25	74	15.3
1957	59	7	12	78	3	68	16.6
1958	103	4	7	114	12	87	13.1
1959	81	0	15	96	10	74	14.9
1960	101	1/	12	113	2/19	86	14.9
1961	67	5	9	81	1/	70	17.3
1962	91	1	11	103	4	69	12.6
1963	114	0	30	144	67	69	11.8
1964	144	1/	8	152	75	59	14.1
1965	163	---	18	181	14	133	13.7
1966	175	---	34	209	6	172	12.4
1967	198	1/	31	229	4	211	13.0
1968	199	1/	14	213	28	168	13.1
1969	180	1/	17	197	34	151	15.3
1970 3/	266	1/	12	278	60	193	17.4
1971			24				
1972							

1/ Less than 500,000 pounds. 2/ Includes estimates of foreign donations not reported by Census. 3/ Preliminary.

Table 69.--Peanut oil: Utilization, by products, 1950-70

Year beginning October	Food uses					Non-food use		Domestic disappearance	
	Shortening	Margarine	Cooking and salad oils 1/	Other	Total	Feeds and loss	Total	Total	Per capita
-- Million pounds --									
1950	22	2/	(54)	90	112	6	14	127	0.8
1951	10	2	(46)	79	91	6	12	103	.7
1952	4	2	(30)	43	49	4	9	58	.4
1953	4	2	(15)	52	58	4	7	66	.4
1954	6	2	(18)	38	45	4	8	52	.3
1955	6	3	(15)	54	62	3	6	68	.4
1956	6	4	(23)	59	69	4	6	74	.4
1957	6	4	(25)	51	61	5	7	68	.4
1958	2	3	30	45	80	4	8	87	.5
1959	2	4	31	29	66	5	8	74	.4
1960	3	3	60	12	78	5	8	86	.5
1961	2	3	46	11	62	4	8	70	.4
1962	2	5	47	9	63	4	7	69	.4
1963	5	9	44	5	63	3	7	69	.4
1964	3	5	37	8	53	3	7	59	.3
1965	10	6	98	8	122	5	10	133	.7
1966	22	6	122	8	158	10	14	172	.9
1967	25	4	152	17	198	7	12	211	1.1
1968	19	3	125	11	158	6	11	168	.8
1969	16	2/	117	9	142	6	10	151	.7
1970 3/	15	---	156	9	180	7	5	193	.9
1971									
1972									

1/ Bracketed figures represent peanut oil deodorized which is included in "other" category. Factory consumption of peanut oil in salad and cooking oils adjusted for oil processed for export.
 2/ Less than 500,000 pounds.
 3/ Preliminary.

Table 70.--Peanut oil: Supply, disposition, oil equivalent of exports of peanuts for crushing abroad, and price, 1950-71

Year	Supply				Disposition		Peanuts, (oil equivalent of exports for crushing abroad)	Price per pound (crude, Southeast mills)
	Production	Imports	Stocks, Jan. 1	Total	Exports and shipments	Domestic disappearance		
-- Million pounds --								Cents
1950	145	---	29	174	40	118	22	17.3
1951	181	---	17	198	63	123	21	20.2
1952	105	---	12	117	15	96	---	17.0
1953	58	2	6	66	1	56	13	21.1
1954	69	6	9	85	9	64	56	18.2
1955	18	30	12	60	1	55	---	17.6
1956	83	1	5	89	6	72	4	15.9
1957	99	---	11	110	23	73	23	15.1
1958	63	10	14	87	3	69	2	16.3
1959	98	1/	16	115	14	89	8	12.6
1960	81	1/	11	92	8	71	14	15.1
1961	97	1	14	112	17	2/102	5	16.1
1962	64	4	7	75	---	2/69	1/	16.4
1963	100	---	12	112	9	2/77	2	11.7
1964	124	1	30	155	81	2/76	14	12.9
1965	138	1/	8	146	61	2/77	46	13.5
1966	167	1/	21	188	10	155	27	13.7
1967	185	1/	24	209	6	2/185	48	11.9
1968	209	1/	23	232	3	2/214	25	13.2
1969	188	1/	18	206	34	2/162	7	13.7
1970 3/	196	1/	14	210	32	2/174	14	15.9
1971 3/	281	1/	15	296	85	2/196	63	17.4
1972			16					
1973								

1/ Less than 500,000 pounds. 2/ Factory consumption figures used for years in which reported factory consumption exceeds calculated domestic disappearance. 3/ Preliminary.

Table 71.--Peanut oil: Utilization, by products, 1950-71

Year	Food					Nonfood				Total domestic disappearance
	Shortening	Margarine	Cooking and salad oils	Other	Total	Soap	Foots and loss	Other	Total	
-- Million pounds --										
1950	12	7	85		103	1/	13	1	15	118
1951	21	16	76		114	---	7	2	9	123
1952	6	3	75		84	---	6	6	12	96
1953	7	2	38		47	1/	3	5	8	56
1954	5	2	50		57	1/	4	3	7	64
1955	6	2	41		48	---	3	4	7	55
1956	6	3	57		66	1/	4	2	6	72
1957	6	3	57		66	---	4	2	6	73
1958	5	4	53		62	---	5	2	7	69
1959	1	3	40	36	81	---	4	4	8	89
1960	2	4	28	28	62	---	5	4	9	71
1961	3	3	76	12	94	---	5	3	8	2/102
1962	1	4	46	11	62	---	3	4	7	2/69
1963	2	4	55	8	69	---	4	4	8	2/77
1964	5	10	50	5	70	---	3	4	7	2/76
1965	3	4	53	10	70	---	3	4	7	2/77
1966	14	6	115	9	144	---	6	4	10	155
1967	24	6	133	10	173	---	10	4	14	2/185
1968	21	4	156	19	200	---	8	5	13	2/214
1969	16	3	124	9	152	---	5	5	10	2/162
1970 3/	16	---	163	8	163	---	6	4	10	2/174
1971 3/	15	---	160	8	133	---	7	5	12	2/196
1972										
1973										

1/ Less than 500,000 pounds. 2/ Factory consumption figures used for years in which reported factory consumption exceeds calculated domestic disappearance. 3/ Preliminary.

Table 72.--Peanut oil: Supply, disposition and price, by months, crop years 1958-73

Year beginning August	Production													Total or average
	August	September	October	November	December	January	February	March	April	May	June	July		
-- Million pounds --														
1958	3	5	9	8	9	9	9	8	10	11	10	9	97	
1959	7	6	6	7	8	8	7	8	8	9	9	8	85	
1960	6	3	4	4	6	9	11	12	8	11	11	10	104	
1961	4	1	4	4	6	9	7	6	8	8	7	7	70	
1962	2	1	3	3	5	5	14	10	12	14	8	6	85	
1963	3	5	8	7	7	14	14	13	15	14	9	7	111	
1964	4	6	8	10	14	14	14	16	20	18	14	11	141	
1965	6	7	7	8	12	14	17	17	21	22	16	13	156	
1966	12	8	9	9	12	13	16	22	21	26	18	18	173	
1967	13	9	11	14	16	22	21	26	20	19	16	11	199	
1968	12	9	15	19	18	20	20	21	20	20	17	14	205	
1969	7	7	14	11	16	19	20	24	21	17	13	10	182	
1970 1/	6	7	15	20	24	25	25	28	28	28	28	20	254	
1971 1/	15	9	21	25	28	29	25	25	25					
1972														
1973														
Stocks, first of month														
1958	10	8	7	9	12	16	17	18	17	18	20	21		
1959	21	19	15	10	11	11	12	11	8	8	10	13		
1960	14	15	12	9	11	14	18	20	22	21	22	24		
1961	24	16	9	8	7	7	8	8	10	12	13	15		
1962	18	14	11	10	11	12	14	17	25	30	33	31		
1963	34	31	30	29	27	30	29	32	33	37	35	31		
1964	20	14	8	8	9	8	13	15	15	18	22	25		
1965	20	19	18	19	16	21	27	30	37	45	51	54		
1966	52	45	34	30	26	24	28	34	37	43	49	50		
1967	48	44	31	24	23	23	25	28	39	42	42	43		
1968	34	25	14	12	12	18	18	22	31	37	39	40		
1969	34	23	17	18	12	15	19	20	29	29	35	33		
1970 1/	25	17	12	12	15	15	18	27	29	39	48	55		
1971 1/	42	33	24	26	22	16	17	20	23					
1972														
1973														
Exports and shipments														
1958	2/	2/	2/	--	1	2/	1	1	2/	3	2/	2/	9	
1959	2	1	3	2/	2/	1	2/	1	1	1	1	1	12	
1960	1	1	1	2/	2/	2/	2/	1	1	2	2	3/	3/12	
1961	8	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	3/8	
1962	2/	--	2/	2/	2/	--	2/	2/	2/	2/	2/	2/	3/	
1963	2/	2/	1	3	1	7	3	8	1	4	1	1	53	
1964	9	6	5	4	10	3	8	15	9	6	6	13	87	
1965	3	2/	1	3	2	1	2	3	1	2	2	1	17	
1966	2/	2/	2/	2/	2/	2/	2/	2/	1	2/	2/	2/	6	
1967	1	1	2/	2/	2/	2/	2/	2/	1	1	2/	2/	4	
1968	2/	2/	2/	2/	2/	--	1	2	4	4	3	2	26	
1969	1	1	1	3	2	2/	4	14	2/	2/	2/	2/	26	
1970 1/	2/	2/	2/	2/	5	4	2	6	2/	2/	2/	2/	26	
1971 1/	12	4	2/	16	13	5	8	4	4				44	
1972														
1973														
Domestic disappearance 4/														
1958	6	8	7	8	4	7	7	8	6	8	6	6	86	
1959	7	9	8	7	7	7	7	9	7	5	5	5	81	
1960	4	5	5	6	6	6	10	9	9	8	9	7	82	
1961	4	9	5	8	6	8	7	6	7	4	6	7	72	
1962	6	4	5	4	4	6	7	4	6	11	2	2	68	
1963	5	6	7	6	4	9	7	5	6	3	5	5	72	
1964	2	6	3	5	5	6	6	6	6	4	1	6	55	
1965	4	8	5	9	4	8	9	11	11	8	12	15	106	
1966	19	20	13	12	15	13	12	18	12	13	15	12	173	
1967	15	22	17	15	16	19	18	14	14	18	16	21	173	
1968	21	20	17	16	24	16	11	13	13	16	19	3	205	
1969	17	12	12	14	12	14	17	9	13	11	8	16	154	
1970 1/	14	12	14	17	19	18	13	21	16	17	14	18	193	
1971 1/	12	14	19	13	19	23	15	18						
1972														
1973														
Price per pound, crude, tank cars, f.o.b. S.E. mills														
-- Cents --														
1958	16.5	15.2	15.8	14.5	13.8	12.6	12.2	13.2	13.6	13.5	13.2	13.9		
1959	11.2	11.5	12.1	13.5	12.9	15.6	14.4	16.1	15.8	16.0	16.5	14.2		
1960	15.8	15.5	14.8	13.8	12.9	13.4	14.2	15.0	15.2	15.4	15.8	14.7		
1961	16.2	17.8	18.2	18.6	18.4	19.1	19.2	17.8	16.5	15.6	16.0	17.4		
1962	16.1	16.8	15.2	15.2	13.8	12.8	12.4	12.4	11.9	11.6	11.6	13.5		
1963	11.1	10.9	11.4	11.2	10.4	10.0	9.9	10.6	11.4	11.1	11.6	12.0		
1964	13.4	14.9	16.4	15.5	15.2	14.8	15.5	14.4	11.1	11.9	12.6	11.2		
1965	12.0	12.5	12.9	13.2	13.2	13.1	13.4	13.4	13.8	14.0	13.5	14.4		
1966	15.6	14.2	13.2	13.1	13.1	12.6	12.4	12.1	12.5	12.4	11.9	12.9		
1967	11.5	11.9	11.4	11.2	11.6	12.0	13.6	13.8	13.6	13.6	13.8	13.4		
1968	14.6	12.8	12.2	12.0	12.6	13.1	13.6	13.5	13.2	13.6	13.4	13.2		
1969	13.5	13.5	14.2	15.1	13.9	14.9	15.5	15.1	15.3	16.1	15.5	14.9		
1970 1/	16.0	16.1	16.9	16.6	16.9	17.5	18.2	17.1	16.5	16.1	15.5	15.5		
1971 1/	18.5	17.2	16.4	16.2	16.7	16.1	15.4	16.6	16.5	17.4	17.2	17.1		
1972														
1973														

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Includes estimates of foreign donations, not reported by Census. 4/ Includes small quantities of imports.

Table 73.--Peanut cake and meal: Supply, disposition and price, by months, crop years, 1958-71

Year beginning August	Production												Total or average
	August	September	October	November	December	January	February	March	April	May	June	July	
-- 1,000 tons --													
1958	2.1	3.2	6.1	5.8	6.5	6.8	6.3	6.3	6.9	7.9	6.9	6.4	71.2
1959	5.1	4.3	4.5	5.2	5.8	4.9	5.0	5.3	5.4	6.1	6.3	5.4	63.3
1960	4.3	2.2	3.0	6.0	6.8	8.1	8.0	9.1	6.1	8.1	7.9	6.2	76.4
1961	3.4	1.2	3.7	5.3	4.8	5.6	5.0	5.9	6.1	4.1	5.1	5.5	55.7
1962	1.5	.9	2.7	4.1	4.2	6.2	7.6	8.8	9.0	10.4	5.8	4.3	65.5
1963	2.3	3.2	5.2	5.1	5.3	10.0	9.2	10.0	9.5	6.9	6.3	4.4	77.4
1964	2.7	4.3	5.7	7.0	9.3	9.3	11.1	13.7	11.6	9.3	7.7	4.6	96.3
1965	4.1	4.8	5.3	5.5	7.9	9.4	9.6	13.1	14.1	10.2	10.2	8.4	103.3
1966	7.5	5.5	6.0	6.5	9.2	11.6	11.9	14.0	13.6	12.9	10.7	7.1	116.5
1967	8.6	5.9	7.4	9.4	10.9	15.2	14.4	17.1	12.2	12.3	12.1	7.8	133.3
1968	7.6	5.7	10.5	12.9	12.3	13.5	13.8	14.1	13.1	13.7	11.3	9.1	137.6
1969	5.1	4.9	9.3	8.0	11.0	13.0	13.2	15.7	14.8	11.4	8.6	7.0	121.9
1970 1/	3.6	5.5	10.8	13.5	16.9	17.1	16.2	18.0	18.8	18.5	18.3	13.0	170.2
1971 1/	9.3	6.5	13.2	16.4	17.5	18.8	16.7	16.4					
1972													
1973													
Stocks, first of month 2/													
1958	1.7	1.2	1.5	2.5	3.3	2.8	2.5	2.9	4.2	5.2	6.5	5.0	
1959	2.2	1.8	1.8	1.6	1.5	1.6	2.8	3.9	4.5	4.9	6.8	5.7	
1960	4.8	3.4	1.8	1.0	2.3	2.8	3.9	4.4	5.2	3.2	2.9	3.0	
1961	3.3	1.6	1.2	1.8	1.9	1.6	2.3	3.2	4.7	6.0	5.8	4.7	
1962	4.7	1.9	1.2	1.7	1.6	1.7	2.8	4.4	6.0	6.2	6.0	4.3	
1963	2.7	1.5	2.0	2.0	2.0	1.3	2.6	3.9	5.2	6.6	7.6	7.2	
1964	5.7	3.4	2.2	2.7	3.6	4.4	5.2	7.2	11.1	12.8	9.2	4.6	
1965	2.6	2.2	1.7	2.2	2.3	2.2	3.1	3.3	5.8	7.1	5.4	5.0	
1966	3.2	3.5	1.1	2.1	2.3	2.6	4.6	7.5	10.6	12.9	11.9	11.0	
1967	9.6	6.5	4.0	3.2	2.8	2.4	2.8	3.3	3.1	3.9	5.0	6.2	
1968	4.6	3.9	2.9	1.9	2.1	5.6	7.6	9.8	8.3	5.6	5.6	5.0	
1969	4.4	2.8	2.4	3.1	3.1	2.9	1.9	3.2	4.2	5.8	6.7	6.8	
1970 1/	3.9	1.4	1.1	2.8	4.1	3.8	4.2	4.7	7.2	10.1	10.5	11.8	
1971 1/	10.8	7.0	4.9	5.0	4.8	2.2	2.2	2.4	1.9				
1972													
1973													
Domestic disappearance 3/													
1958	2.6	2.9	5.1	5.0	7.0	7.1	5.9	5.0	5.9	6.6	8.4	9.2	70.7
1959	5.5	4.3	4.7	5.3	5.7	3.7	3.9	4.7	5.0	4.2	7.4	6.3	60.7
1960	5.6	3.8	3.8	4.7	4.7	7.1	7.5	8.3	8.1	8.3	7.8	6.6	77.9
1961	5.1	1.6	3.2	5.1	5.1	4.9	4.1	4.4	4.8	4.3	6.2	5.5	54.3
1962	4.3	1.6	2.2	4.2	4.1	5.1	6.0	7.2	8.8	10.6	7.5	5.9	67.5
1963	3.5	2.7	5.2	5.1	6.0	8.7	7.9	8.7	8.1	5.9	6.7	5.9	74.4
1964	5.0	5.5	5.2	6.1	8.5	8.5	9.1	9.8	9.9	12.9	12.3	6.6	99.4
1965	4.5	5.3	4.8	5.4	8.0	8.5	9.4	10.6	12.8	12.6	10.6	10.2	102.7
1966	8.2	6.9	5.0	6.3	8.9	9.6	9.0	10.9	11.3	13.9	11.6	8.5	110.1
1967	11.7	8.4	8.2	9.8	11.3	14.8	13.9	17.3	11.4	11.2	10.9	9.4	138.3
1968	8.3	6.7	11.5	12.7	8.8	11.5	11.6	15.6	15.8	13.7	11.9	9.7	137.8
1969	6.7	5.3	8.6	8.0	11.2	14.0	11.9	14.7	13.2	10.5	8.5	9.9	122.5
1970 1/	6.1	5.8	9.1	12.2	17.2	16.7	15.7	15.5	15.9	18.1	17.0	14.0	163.3
1971 1/	13.1	8.6	13.1	16.6	20.1	18.8	16.5	16.9					
1972													
1973													
Price per ton, bulk, Southeast milling points, 50 percent protein 4/													
Dollars													
1958	61.70	58.30	57.50	55.30	57.75	59.60	59.90	59.40	57.55	51.55	52.95	57.15	57.40
1959	55.25	55.45	60.50	63.95	63.30	62.10	58.75	53.70	51.35	49.50	50.00	52.00	56.30
1960	52.85	55.00	53.85	52.60	50.60	50.90	54.00	52.95	54.35	61.75	62.75	62.35	55.35
1961	63.60	62.00	62.00	63.00	64.00	65.70	64.20	61.00	59.30	58.80	59.00	61.10	62.00
1962	61.50	---	68.20	71.00	71.30	70.90	69.90	66.40	59.20	60.60	---	70.00	66.90
1963	---	67.00	69.10	72.00	71.60	69.00	63.10	59.10	60.20	57.90	57.60	57.60	64.00
1964	56.80	58.90	65.20	67.80	66.60	66.50	66.70	64.00	61.80	62.20	66.90	76.10	64.95
1965	75.40	73.20	73.40	76.50	78.50	77.40	77.50	75.30	73.60	75.20	77.80	87.50	76.78
1966	89.60	91.60	88.10	91.40	93.40	93.40	89.30	80.30	73.60	73.40	76.80	76.40	84.78
1967	72.60	81.20	79.70	78.50	79.30	79.60	81.70	82.40	78.80	75.70	78.50	83.70	79.51
1968	87.40	88.00	87.30	88.00	85.70	87.80	84.10	77.60	75.30	76.10	72.00	74.60	82.00
1969	77.20	74.20	76.00	74.00	76.60	83.25	81.75	76.50	75.50	71.75	75.00	85.25	77.33
1970 1/	90.75	97.00	83.60	81.25	82.25	80.50	76.75	74.20	74.25	75.75	75.60	75.75	80.64
1971 1/	75.60	76.75	73.00	71.20	73.00	73.60	75.00	91.80					
1972													
1973													

1/ Preliminary. 2/ Stocks at processors' plants. 3/ Includes meal exports not shown separately by Census beginning 1958. 4/ 45 percent protein prior to October 1964.

Table 74.--Safflower seed: Estimated acreage, production, and price, 1950-71

Crop year	Acreage planted			Yield per acre planted			Production			Average price to growers 2/
	California	Other States	United States	California	Other States	United States	California	Other States	United States	
	-- 1,000 acres --			lb.	lb.	lb.	-- 1,000 tons --				Dol per ton
1950	3/23	50	73	3/610	400	465	3/7.0	10.0	17.0	---
1951	17	10	27	685	500	740	7.5	2.5	10.0	---
1952	42	15	57	1,120	335	915	23.5	2.5	26.0	---
1953	45	4/20	65	1,155	4/200	865	26.0	4/2.0	28.0	---
1954	25	---	25	1,170	---	1,170	14.6	---	14.6	---
1955	53	5	58	1,365	1,000	1,335	36.2	2.5	38.7	74
1956	84	5	89	1,690	640	1,630	71.0	1.6	72.5	74
1957	74	24	98	1,540	560	1,300	57.0	6.7	63.7	76
1958	84	69	153	1,405	380	945	59.0	13.0	72.0	75
1959	140	100	240	1,515	360	1,035	106.0	18.0	124.0	75
1960	180	140	320	1,420	500	1,015	127.5	35.0	162.5	78
1961	210	210	420	1,380	335	860	145.0	35.0	180.0	86
1962	266	270	536	2,030	807	1,414	270.0	109.0	379.0	90
1963	314	254	568	1,975	693	1,391	307.0	88.0	395.0	80
1964	264	105	369	1,947	381	1,501	257.0	20.0	277.0	79
1965	288	5/	5/	2,076	3/	2/	259.0	5/	277.0	87
1966	352	---	---	1,938	---	---	341.0	---	---	93
1967	311	---	---	1,768	---	---	278.0	---	---	87
1968	170	---	---	2,106	---	---	179.0	---	---	82
1969	228	---	---	1,904	---	---	217.0	---	---	85
1970	214	---	---	1,757	---	---	188.0	---	---	95
1971 6/	240	---	---	2,183	---	---	262.0	---	---	---

1/ Includes Montana, North Dakota, Nebraska, Colorado, Idaho, Utah, Washington, Texas, Arizona, and Kansas. Detail data not available. 2/ California only in recent years. Earlier years based on contract price. 3/ A large part of the California crop was lost due to improper irrigational practices and a severe freeze. 4/ A large part of the crop was not harvested in southeastern Colorado and southwestern Kansas due to extreme drought. 5/ Not available beginning 1965. 6/ Preliminary. SOURCE: California Department of Agriculture since 1954. Prior years are ERS estimates developed from industry contacts.

Table 75.--Safflower oil: Estimated supply, disposition, price, and oil equivalent of exports of safflower seed, 1962-71 1/

Year beginning October	Supply			Disposition			Price	Safflower seed exports 2/	
	Stocks, October 1	Production	Total	Domestic disappearance	Exports 3/	Total	Per pound tanks, New York	Oil equivalent 4/	Actual
	-- Million pounds --						Cents	Million pounds	Thousand tons
1962	46	152	198	119	---	119	16.1	N.A.	N.A.
1963	80	104	184	160	---	160	12.3	N.A.	N.A.
1964	24	111	135	100	---	100	15.4	64	89
1965	35	138	173	123	---	123	15.6	130	181
1966	50	170	220	160	---	160	15.5	71	99
1967	60	139	199	123	---	123	14.2	77	108
1968	76	100	176	115	---	115	15.5	52	72
1969	61	100	161	107	25	132	16.1	45	63
1970 5/	29	120	149	100	20	120	17.8	23	32
1971 5/	29	140	169	---	---	---	---	---	---
1972	---	---	---	---	---	---	---	---	---

1/ Mostly ERS estimates except oil stocks and safflower seed exports from Bureau of Census. 2/ Mainly to Japan but includes small amounts to Taiwan and Europe. 3/ Estimate developed from industry contacts. Census includes safflower oil in basket classification for vegetable oils, N.E.C. 4/ Based on 36% oil content. 5/ Preliminary.

Table 76.--Safflower oil: Census reported factory consumption in selected products, 1962-70

Year beginning October	Salad and cooking oils	Margarine	Shortening	Other edible	Paint and varnish	Resins	Other inedible	Loss	Total factory consumption
-- Million pounds --									
1962	22.2	20.3	4.0	---	4.8	2.2	---	1.7	55.2
1963	24.5	15.4	5.2	---	9.6	3.2	2.1	1.1	61.1
1964	10.4	12.4	10.5	---	13.4	---	5.1	.6	52.4
1965	14.2	36.3	3.9	---	11.7	---	5.5	.8	72.4
1966	35.5	45.6	5.9	9.1	7.5	---	7.8	---	111.4
1967	25.9	42.6	3.2	4.6	10.7	---	7.0	3.7	97.7
1968	15.3	42.6	2.9	1.9	11.7	---	10.3	---	82.8
1969	15.3	29.4	4.5	4.5	7.9	---	11.9	1.0	74.5
1970 1/	10.7	19.4	1.2	2.0	8.3	---	7.1	.7	49.3
1971	---	---	---	---	---	---	---	---	---
1972	---	---	---	---	---	---	---	---	---
1973	---	---	---	---	---	---	---	---	---

1/ Preliminary. NOTE: Total factory consumption shown here is considerably lower than apparent domestic disappearance indicated in table 75. SOURCE: Bureau of Census.

Table 77.--Sesame seed: Imports and disposition, 1950-71

Year	Imports			Disposition	
	Total imports ^{1/}	From--		Apparent crushings	Other uses ^{2/}
		Nicaragua	Mexico		
-- Million pounds --					
1950	20.6	5.7	3/	14.0	6.6
1951	12.4	5.7	---	6.4	6.0
1952	11.8	8.8	3/	6.4	5.4
1953	10.5	6.2	3/	3/	10.5
1954	16.7	11.5	---	---	16.7
1955	11.9	5.5	---	---	11.9
1956	13.1	6.4	---	---	13.1
1957	14.9	7.7	3/	---	14.9
1958	14.7	8.8	---	---	14.7
1959	13.4	8.8	3/	---	13.4
1960	17.4	13.3	---	---	17.4
1961	22.9	14.7	3/	---	22.9
1962	20.1	11.0	1.0	---	20.1
1963	25.3	11.2	5.1	---	25.3
1964	24.8	12.4	3.4	---	24.8
1965	25.5	10.5	1.0	---	25.5
1966	28.2	10.0	1.8	---	28.2
1967	35.9	8.7	11.0	---	35.9
1968	34.0	10.3	11.2	---	34.0
1969	38.8	10.7	8.6	---	38.8
1970 ^{4/}	42.7	11.3	7.6	---	42.7
1971 ^{3/}	45.4	8.8	13.6	---	45.4

^{1/} Includes imports from other countries not shown separately. ^{2/} Includes other food uses such as bakery products and confections. ^{3/} Less than 50,000 pounds. ^{4/} Preliminary.

Table 78.--Soybeans for beans: Production, farm use, sales and value, 1950-71

Crop of --	Production	Total used for seed	Used on farms where grown		Sold	Season average price per bushel ^{1/}	Value of --	
			For seed	Fed to livestock			Production	Sales
			-- 1,000 bushels --				Dollars	
1950	299,249	18,979	12,729	2,311	284,209	2.47	737,760	700,652
1951	283,777	19,780	12,538	2,011	269,228	2.73	773,405	733,847
1952	298,839	20,689	13,204	1,773	283,862	2.72	811,376	770,818
1953	269,169	22,900	12,837	1,358	254,974	2.72	733,271	694,715
1954	341,075	23,446	13,505	1,590	325,980	2.46	840,767	803,517
1955	373,682	25,768	15,249	1,650	355,783	2.22	830,909	793,431
1956	449,251	26,422	16,186	1,654	431,411	2.18	980,299	941,471
1957	483,425	29,531	18,211	1,460	463,754	2.07	1,002,641	961,989
1958	580,250	27,402	17,003	1,900	561,347	2.00	1,160,112	1,122,400
1959	532,899	29,292	16,920	1,512	514,467	1.95	1,046,468	1,010,320
1960	555,085	32,520	18,580	1,267	535,238	2.13	1,184,910	1,142,580
1961	678,554	33,319	19,303	1,332	657,919	2.28	1,543,909	1,497,010
1962	669,186	34,614	19,581	1,148	648,357	2.34	1,564,352	1,515,688
1963	699,165	36,011	20,117	898	678,150	2.51	1,755,076	1,702,293
1964	700,921	40,285	21,219	853	678,849	2.62	1,835,441	1,778,649
1965	845,608	42,867	21,890	866	822,852	2.54	2,151,305	2,093,304
1966	928,481	47,057	23,262	957	904,262	2.75	2,553,612	2,487,087
1967	976,060	47,840	22,541	948	952,471	2.49	2,432,564	2,373,803
1968	1,103,129	47,653	21,671	846	1,080,612	2.43	2,679,210	2,624,566
1969	1,126,314	48,895	20,922	886	1,104,506	2.35	2,647,499	2,596,315
1970	1,123,740	48,310	20,200	1,339	1,102,501	2.85	3,204,650	3,144,159
1971 ^{2/}	1,169,351	51,095	21,180	1,046	1,147,135	3.01	3,518,855	3,452,120

^{1/} Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States. ^{2/} Preliminary.

Table 79.--Soybeans: Acreage, yield and production, U.S., 1950-71

Year	Acres planted			Acres harvested		Grazed or plowed under	Yield per acre harvested		Production	
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 tons	1,000 bushels	1,000 tons
	grown alone	interplanted 1/	equivalent solid 2/	for beans	for hay		for beans	for hay	beans	hay
1950	15,048	1,124	15,640	13,807	963	870	21.7	1.31	299,249	1,260
1951	15,176	955	15,655	13,615	893	1,147	20.8	1.24	283,777	1,110
1952	15,958	831	16,374	14,435	1,085	854	20.7	1.10	298,839	1,191
1953	16,394	653	16,719	14,829	1,037	853	18.2	1.09	269,169	1,134
1954	18,541	663	18,872	17,047	876	949	20.0	1.04	341,075	913
1955	19,674	617	19,981	18,620	705	656	20.1	1.28	373,682	904
1956	21,700	597	21,998	20,620	524	354	21.8	1.29	449,251	605
1957	21,938	497	22,166	20,857	444	885	23.2	1.29	483,425	574
1958	25,108	484	25,350	23,993	472	885	24.2	1.43	580,250	674
1959	23,349	459	23,579	22,631	351	597	23.5	1.41	532,899	496
1960	24,440	398	24,649	23,655	449	545	23.5	1.44	555,085	646
1961	27,787	332	27,981	27,003	424	549	25.1	1.47	678,554	624
1962	28,418	290	28,593	27,608	475	514	24.2	1.37	669,186	514
1963	29,462	278	29,598	28,615	547	471	24.4	1.38	699,165	757
1964	31,605	234	31,794	30,793	531	525	22.8	1.39	700,921	738
1965	35,227	---	---	34,449	---	---	24.5	---	845,608	---
1966	37,294	---	---	36,546	---	---	25.4	---	928,481	---
1967	40,776	---	---	39,767	---	---	24.5	---	976,060	---
1968	42,037	---	---	41,104	---	---	26.8	---	1,103,129	---
1969	42,198	---	---	40,982	---	---	27.5	---	1,126,314	---
1970	42,945	---	---	42,056	---	---	26.7	---	1,123,740	---
1971 1/	43,176	---	---	42,409	---	---	27.6	---	1,169,361	---

1/ Grown with other crops.
 2/ Acreage grown alone, plus one half the interplanted acres.
 3/ Preliminary.

Table 80.--Soybeans: Acreage planted for all purposes, by selected groups of States, 1950-71

Year	United States		Corn Belt States 1/		Lake States 2/		Plains States 3/		Delta States 4/		Atlantic States 5/		All other States 6/	
	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.
	acres		acres		acres		acres		acres		acres		acres	
1950	15,048	100	10,194	68	1,351	9	575	4	1,214	8	872	6	842	5
1951	15,176	100	9,834	65	1,326	9	649	4	1,372	9	938	6	1,057	7
1952	15,958	100	9,938	62	1,358	9	913	5	1,680	11	947	6	1,122	7
1953	16,394	100	10,656	65	1,583	10	819	5	1,435	9	976	6	925	5
1954	18,541	100	11,528	62	2,221	12	840	5	1,845	10	1,117	6	990	5
1955	19,674	100	11,934	61	2,521	13	909	4	2,141	11	1,175	6	994	5
1956	21,700	100	12,645	58	3,006	14	994	4	2,624	12	1,445	7	986	5
1957	21,938	100	13,285	61	3,065	14	768	4	2,366	10	1,498	7	956	4
1958	25,108	100	14,347	57	3,563	14	1,177	5	3,272	13	1,618	6	1,131	5
1959	23,349	100	13,326	57	2,596	11	950	4	3,643	16	1,634	7	1,200	5
1960	24,440	100	13,987	57	2,449	10	1,043	4	3,705	15	1,925	8	1,331	6
1961	27,787	100	16,108	58	2,760	10	1,345	5	4,017	14	2,055	8	1,462	6
1962	28,418	100	16,322	57	2,688	9	1,448	5	4,326	15	2,142	8	1,492	6
1963	29,462	100	16,338	56	2,842	10	1,523	5	4,925	16	2,211	8	1,623	5
1964	31,605	100	17,406	56	3,354	11	1,641	5	5,194	15	2,302	8	1,706	5
1965	35,227	100	19,001	54	3,837	11	2,159	6	5,758	14	2,438	8	2,034	7
1966	37,294	100	19,333	52	4,052	11	2,270	6	6,587	18	2,702	7	2,350	6
1967	40,776	100	20,098	49	4,358	11	2,324	6	7,582	19	3,099	7	3,315	8
1968	42,037	100	21,543	51	3,931	9	2,298	6	7,682	18	2,958	7	3,625	9
1969	42,198	100	21,443	51	3,816	9	2,067	5	8,360	20	2,750	7	3,742	8
1970	42,945	100	21,837	51	3,834	9	2,335	5	8,481	20	2,757	6	3,701	9
1971 1/	43,176	100	22,205	51	3,580	8	1,984	5	8,429	20	2,904	7	4,074	9

1/ Illinois, Iowa, Indiana, Ohio and Missouri. 2/ Minnesota, Wisconsin, and Michigan. 3/ Kansas, Nebraska, South Dakota and North Dakota. 4/ Arkansas, Mississippi, and Louisiana. 5/ North Carolina, South Carolina, Virginia, Maryland, and Delaware. 6/ Includes New York, New Jersey, Pennsylvania, West Virginia, Georgia, Florida, Kentucky, Tennessee, Alabama, Oklahoma and Texas. 7/ Preliminary.

Table 81.--Soybeans: Prospective plantings for 1972 with comparisons, by States and areas, crop years, 1969-72

State and areas	Acreage planted				Acreage harvested				Production			
	Actual		Indicated		1969	1970	1971		1969	1970	1971	
	1969	1970	1971	1972			1/	2/			1/	2/
	-- 1,000 acres --				-- 1,000 acres --				-- Million bushels --			
North Carolina	1,000	981	1,059	1,175	885	867	935		23.5	20.8	22.5	
South Carolina	992	1,023	1,084	1,190	959	988	1,047		21.6	20.3	22.5	
Georgia	514	550	660	750	467	528	635		11.2	11.9	16.2	
Alabama	683	642	700	750	641	609	662		14.7	14.3	17.5	
Total Southeast	3,189	3,196	3,503	3,865	2,952	2,992	3,280		71.0	67.3	78.7	
Kentucky	520	582	765	850	485	558	742		13.6	15.1	21.9	
Tennessee	1,268	1,281	1,371	1,494	1,193	1,217	1,302		28.6	28.0	33.9	
Mississippi	2,357	2,358	2,429	2,400	2,290	2,313	2,359		50.4	55.5	54.3	
Arkansas	4,307	4,393	4,305	4,180	4,228	4,313	4,266		86.7	97.0	91.7	
Louisiana	1,695	1,730	1,695	1,750	1,608	1,588	1,644		30.6	38.0	37.8	
Total South Central	10,148	10,344	10,568	10,784	9,804	10,080	10,313		209.9	233.6	239.5	
Ohio	2,380	2,434	2,507	2,682	2,344	2,414	2,494		68.0	68.8	76.1	
Indiana	3,333	3,300	3,400	3,705	3,311	3,278	3,377		107.6	101.6	113.1	
Illinois	6,846	6,848	7,190	7,250	6,730	6,800	7,150		225.5	210.8	236.0	
Iowa	5,632	5,709	5,456	5,838	5,450	5,580	5,440		179.8	184.6	174.1	
Missouri	3,252	3,546	3,652	3,800	3,150	3,465	3,505		81.9	88.4	97.3	
Minnesota	3,101	3,140	2,889	3,149	3,068	3,099	2,851		75.2	82.1	65.6	
Total Eastern Corn Belt	24,551	24,977	25,094	26,424	24,053	24,735	24,917		738.0	736.3	762.1	
North Dakota	188	184	211	205	185	181	203		3.0	2.7	2.9	
South Dakota	256	253	243	255	243	247	240		6.0	4.3	5.0	
Nebraska	777	824	650	800	766	812	640		25.7	17.9	16.0	
Kansas	866	1,074	880	930	852	1,005	871		19.6	15.1	17.9	
Total Western Corn Belt	2,087	2,335	1,984	2,190	2,046	2,245	1,959		54.3	40.0	41.8	
All other 3/	2,223	2,093	2,027	2,225	2,127	1,994	1,940		53.1	46.0	47.2	
United States	42,198	42,945	43,176	45,489	40,982	42,056	42,409	44,400	1,126.3	1,123.7	1,169.4	1,244

1/ Preliminary. 2/ March 1 indications. 3/ New York, New Jersey, Pennsylvania, Michigan, Wisconsin, Delaware, Maryland, Virginia, Florida, Oklahoma and Texas.

Table 82.--Soybeans: Supply, disposition, acreage and price, 1960-72

Item	Year beginning September												
	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
	Supply and Disposition (Million bushels)												
Supply	51.8	27.1	78.3	46.0	67.3	29.7	35.6	90.1	166.3	324.4	230.1	98.9	
Stocks, September 1 2/	555.1	678.6	669.2	699.2	700.9	845.6	928.5	976.1	1,103.1	1,125.3	1,123.7	1,169.4	
Production	606.9	705.7	747.5	745.2	758.2	875.3	954.1	1,066.2	1,269.4	1,450.7	1,353.8	1,268.3	
Total supply	606.9	705.7	747.5	745.2	758.2	875.3	954.1	1,066.2	1,269.4	1,450.7	1,353.8	1,268.3	
Disposition	406.1	431.4	472.8	436.8	479.0	537.5	559.4	576.4	605.9	737.3	760.1		
Crushings	134.7	149.4	180.5	187.2	212.2	250.6	261.6	266.6	286.8	432.6	433.2		
Exports	32.5	33.3	34.6	36.0	40.3	42.9	47.1	47.8	47.7	48.9	48.3		
Seed	1.3	1.3	1.1	.9	.9	.9	1.0	.9	.8	.9	1.0		
Feed	5.2	12.0	12.5	17.0	6.1	7.8	4.9	8.2	3.8	.9	12.3		
Residual	579.8	627.4	701.5	677.9	738.5	839.7	874.0	899.9	945.0	1,220.6	1,254.9		
Total disposition	579.8	627.4	701.5	677.9	738.5	839.7	874.0	899.9	945.0	1,220.6	1,254.9		
Stocks, August 31 2/	27.1	78.3	46.0	67.3	29.7	35.6	90.1	166.3	324.4	230.1	98.9		
	Acreage and Yield (Million acres)												
Acreage planted	24.4	27.8	28.4	29.5	31.6	35.2	37.3	40.8	42.0	42.2	42.9	43.2	
Acreage harvested for beans	23.7	27.0	27.6	28.6	30.8	34.4	36.5	39.8	41.1	41.0	42.1	42.4	
Percent harvested (%)	97.1	97.1	97.2	96.9	97.2	97.7	97.9	97.5	97.9	97.2	98.1	98.1	
Yield per acre harvested	23.5	25.1	24.2	24.4	22.8	24.5	25.4	24.5	26.8	27.5	26.7	27.6	
	Price (Dollars)												
Price per bushel	1.85	2.30	2.25	2.25	2.25	2.25	2.50	2.50	2.50	3/2.25	2.25	2.25	2.25
Support (U.S. farm basis)	2.13	2.28	2.34	2.51	2.62	2.54	2.75	2.49	2.43	2.35	2.05	3.01	
Received by farmers	2.53	2.41	2.50	2.59	2.81	2.91	2.86	2.61	2.54	2.53	3.00		
No. 1 yellow, Ill. Pts.	2.60	2.49	2.59	2.67	2.88	2.98	2.93	2.69	2.63	2.61	3.05		

1/ Preliminary. 2/ Estimates prior to 1965. 3/ Beginning 1969 No. 1 grade soybeans. Prior years No. 2 grade. Differential between No. 1 grade and No. 2 about 5¢ per bushel.

Table 83.--Soybeans: Prospective plantings as compared with acreages planted, by areas, 1959-71

Year	Main Corn Belt 1/			Western Corn Belt 2/		
	Prospective plantings 3/	Acreage planted		Prospective plantings 3/	Acreage planted	
		Actual 4/	Percent of prospective		Actual 4/	Percent of prospective
	1,000 acres	Percent		1,000 acres	Percent	
1959	15,662	15,579	99	1,095	950	88
1960	16,448	16,105	98	996	1,043	105
1961	17,495	18,459	106	1,200	1,345	112
1962	18,659	18,555	99	1,438	1,448	101
1963	19,496	18,736	96	1,464	1,523	104
1964	20,296	20,284	100	1,826	1,641	90
1965	22,085	22,218	101	1,990	2,159	108
1966	22,995	22,707	99	2,396	2,270	95
1967	24,006	23,742	99	2,524	2,324	92
1968	24,708	24,829	100	2,312	2,298	99
1969	24,704	24,551	99	2,252	2,087	93
1970	24,773	24,977	101	2,210	2,335	106
1971	27,284	25,094	92	2,373	1,984	84
1972	26,424			2,190		
1973						

Year	South Central 5/			Southeast 6/		
	Prospective plantings 3/	Acreage planted		Prospective plantings 3/	Acreage planted	
		Actual 4/	Percent of prospective		Actual 4/	Percent of prospective
	1,000 acres	Percent		1,000 acres	Percent	
1959	3,858	4,294	111	1,261	1,218	97
1960	4,427	4,443	101	1,297	1,445	111
1961	4,615	4,814	104	1,530	1,551	101
1962	5,052	5,146	102	1,808	1,616	89
1963	5,422	5,814	107	1,712	1,788	104
1964	5,937	6,146	104	1,941	1,939	100
1965	6,281	6,909	110	2,127	2,215	104
1966	7,373	7,870	107	2,396	2,592	108
1967	9,055	9,187	101	2,995	3,436	115
1968	9,201	9,441	103	3,454	3,305	96
1969	10,369	10,148	98	3,404	3,189	94
1970	10,477	10,344	99	3,308	3,196	97
1971	10,875	10,568	97	3,686	3,503	95
1972	10,784			3,855		
1973						

Year	All other States 7/			U.S. total		
	Prospective plantings 3/	Acreage planted		Prospective plantings 3/	Acreage planted	
		Actual 4/	Percent of prospective		Actual 4/	Percent of prospective
	1,000 acres	Percent		-- 1,000 acres --	Percent	
1959	1,296	1,308	101	23,172	23,349	101
1960	1,509	1,404	93	24,667	24,440	99
1961	1,586	1,618	102	26,426	27,787	105
1962	1,759	1,653	94	28,756	28,418	99
1963	1,802	1,601	89	29,896	29,462	99
1964	1,841	1,597	87	31,841	31,605	99
1965	1,783	1,726	97	34,266	35,227	103
1966	1,961	1,855	95	37,121	37,294	100
1967	2,022	2,087	103	40,602	40,776	100
1968	2,006	2,164	104	41,761	42,037	101
1969	2,268	2,223	98	42,997	42,198	98
1970	2,296	2,093	91	43,064	42,945	100
1971	2,275	2,027	89	46,493	43,176	93
1972	2,226			45,489		
1973						

1/ Includes Ohio, Indiana, Illinois, Iowa, Missouri, and Minnesota. 2/ Includes North Dakota, South Dakota, Nebraska and Kansas.
 3/ Prospective plantings as of March 1 each year. 4/ As reported in the December or January annual summary of Crop Production for each year. 5/ Includes Kentucky, Tennessee, Mississippi, Arkansas and Louisiana. 6/ Includes North Carolina, South Carolina, Georgia and Alabama. 7/ Includes New York, New Jersey, Pennsylvania, Michigan, Wisconsin, Delaware, Maryland, Virginia, West Virginia, Florida, Oklahoma, and Texas.

Table 84.--Soybeans: U.S. acreage, yield, and production, by selected groups of States, 1950-71

Crop year	Acreage harvested for beans												
	Corn Belt 1/			Lake States 2/		Plains States 3/		Delta States 4/		Atlantic States 5/		All Other States 6/	
	Acreage	% of U.S.		Acreage	% of U.S.	Acreage	% of U.S.	Acreage	% of U.S.	Acreage	% of U.S.	Acreage	% of U.S.
	1,000 acres	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.
1950	13,807	9,870	71	1,060	9	558	4	979	7	654	5	486	4
1951	13,615	9,434	69	1,245	9	547	4	1,080	8	713	5	596	4
1952	14,435	9,589	66	1,294	9	842	6	1,391	10	714	5	609	4
1953	14,829	10,241	69	1,517	10	699	5	1,071	7	740	5	551	4
1954	17,347	11,100	65	2,174	13	698	4	1,250	9	864	5	599	4
1955	18,600	11,721	63	2,409	13	616	4	1,231	10	777	5	676	4
1956	20,620	12,413	60	2,913	14	902	4	1,334	12	1,201	6	690	3
1957	20,857	13,018	62	2,896	14	717	3	2,331	11	1,331	6	684	3
1958	23,993	13,990	58	3,488	14	1,142	5	3,079	13	1,840	6	554	4
1959	22,631	13,170	58	2,594	11	924	4	3,503	16	1,479	7	789	4
1960	13,606	12,030	58	2,407	10	1,022	4	1,561	13	1,771	8	1,073	5
1961	27,003	15,930	59	2,734	10	1,302	5	3,129	14	1,712	7	1,213	5
1962	27,602	11,177	59	2,643	10	1,412	6	3,174	15	1,923	7	1,244	4
1963	28,625	11,192	56	2,607	10	1,471	5	4,001	17	1,997	7	1,367	5
1964	30,793	17,023	56	3,311	11	1,609	5	3,062	16	2,076	7	1,504	5
1965	32,342	16,247	55	3,766	11	2,113	6	3,633	16	2,268	7	1,537	5
1966	36,546	14,212	53	4,021	11	2,244	6	4,392	17	2,505	7	2,166	6
1967	39,767	19,607	50	4,209	11	2,267	6	4,415	19	2,879	7	3,114	8
1968	41,104	21,409	52	3,856	9	2,294	6	4,949	19	3,640	6	3,400	8
1969	40,982	20,985	51	3,756	9	2,046	5	6,126	20	2,572	6	3,447	9
1970 7/	42,056	21,637	51	3,776	9	2,245	5	8,314	20	2,569	6	3,515	9
1971 7/	42,409	22,066	52	3,519	8	1,959	5	8,269	20	2,705	6	3,891	9
	Yield per acre harvested for beans												
	Bushels	Bushels	% of U.S.	Bushels	% of U.S.	Bushels	% of U.S.	Bushels	% of U.S.	Bushels	% of U.S.	Bushels	% of U.S.
1950	21.7	21.1	106	15.9	73	17.3	79	17.6	98	16.7	75	16.6	87
1951	20.8	21.6	109	17.7	85	19.7	73	17.2	83	16.3	79	17.0	82
1952	20.7	21.0	111	18.9	91	13.6	67	15.1	73	14.3	75	15.2	84
1953	18.2	13.4	107	20.2	111	10.4	57	11.5	63	15.4	84	13.5	68
1954	20.0	22.1	110	21.5	106	14.1	70	11.3	64	13.9	82	12.9	89
1955	20.1	21.4	106	19.4	97	11.1	59	11.5	62	17.7	81	14.3	84
1956	21.8	21.3	111	19.9	91	16.7	79	17.7	79	20.1	92	18.4	86
1957	21.7	21.0	107	21.4	96	17.3	78	21.2	91	16.7	81	19.9	86
1958	24.2	20.1	111	17.2	74	14.1	70	23.3	76	13.4	61	21.5	93
1959	23.1	20.1	107	21.0	89	17.3	76	23.0	91	21.4	91	22.3	95
1960	23.9	24.0	106	18.1	80	19.9	89	20.3	91	20.8	97	22.4	95
1961	25.1	27.4	109	21.7	90	14.8	79	21.8	97	20.9	88	22.5	90
1962	24.7	26.3	109	26.0	93	13.0	61	21.0	87	20.5	85	21.7	90
1963	24.4	27.0	111	21.1	87	11.1	60	19.9	80	18.2	79	20.8	85
1964	22.3	21.3	107	19.7	76	17.8	78	19.7	86	18.4	81	19.9	86
1965	24.5	26.7	109	19.1	81	20.1	84	18.1	80	23.7	97	23.7	93
1966	25.4	27.2	107	22.2	87	23.8	92	23.3	92	24.6	100	24.1	95
1967	24.2	23.9	104	19.0	78	15.6	76	23.2	95	24.6	100	24.1	95
1968	26.3	30.1	116	23.3	87	20.4	76	25.3	94	18.6	69	21.8	81
1969	27.5	30.8	112	22.2	81	24.7	88	20.5	75	27.1	91	25.1	90
1970 7/	26.7	29.7	111	24.5	92	17.4	65	23.0	86	21.7	81	24.6	92
1971 7/	27.6	31.7	113	21.8	79	20.1	73	22.5	82	25.4	92	26.3	95
	Production from harvested acres for beans												
	1,000 bushels	1,000 bushels	% of U.S.	1,000 bushels	% of U.S.	1,000 bushels	% of U.S.	1,000 bushels	% of U.S.	1,000 bushels	% of U.S.	1,000 bushels	% of U.S.
1950	97,249	107,698	76	10,097	7	9,681	3	22,167	7	10,564	4	9,122	3
1951	283,777	313,133	75	22,021	8	15,324	3	11,258	6	11,643	4	10,127	4
1952	298,830	220,221	74	24,445	8	11,285	3	21,063	7	11,628	4	10,192	3
1953	269,169	199,041	74	30,569	11	7,305	3	12,331	5	11,510	4	8,393	3
1954	311,075	246,570	77	46,237	14	9,871	3	17,464	5	12,875	4	8,984	3
1955	373,682	251,020	67	47,945	13	9,392	3	39,890	10	17,776	5	12,931	2
1956	449,271	301,948	67	54,134	13	6,643	2	41,124	9	26,134	6	12,446	3
1957	483,425	324,189	67	61,933	15	12,375	3	46,410	10	29,904	5	13,657	2
1958	580,250	374,651	65	62,185	11	21,792	4	71,678	15	30,749	5	19,191	2
1959	532,809	433,351	63	49,871	9	16,746	3	80,270	15	30,452	6	22,019	2
1960	555,085	347,699	63	46,824	8	21,172	4	76,614	14	28,484	7	24,081	4
1961	672,554	440,094	65	63,268	9	27,400	4	77,594	12	43,620	6	27,554	4
1962	669,186	433,720	65	52,451	8	27,789	4	87,636	13	49,544	6	27,086	4
1963	699,165	450,928	64	66,975	10	28,525	4	87,343	13	36,944	5	28,444	4
1964	700,921	426,830	61	65,820	11	30,004	4	100,037	14	41,531	6	34,549	5
1965	815,608	513,512	61	71,291	8	44,339	5	122,570	15	56,527	6	41,549	5
1966	928,481	524,245	57	95,014	10	44,543	6	147,885	16	61,787	6	52,298	5
1967	976,060	577,019	54	93,553	9	46,042	5	171,607	17	62,261	7	79,372	2
1968	1,103,129	613,690	60	66,184	8	50,824	6	183,770	16	74,307	4	74,106	3
1969	1,126,314	662,789	59	90,294	8	54,171	5	167,606	15	69,519	6	89,935	7
1970 7/	1,123,740	654,175	58	93,961	9	39,977	4	190,535	17	66,017	5	84,075	7
1971 7/	1,169,361	696,562	59	79,459	7	41,808	4	183,788	16	64,037	5	103,707	8

1/ Illinois, Iowa, Indiana, Ohio, and Missouri. 2/ Minnesota, Wisconsin, and Michigan. 3/ Kansas, Nebraska, South Dakota, and North Dakota. 4/ Arkansas, Mississippi, and Louisiana. 5/ North Carolina, South Carolina, Virginia, Maryland, and Delaware. 6/ Includes New York, New Jersey, Pennsylvania, Georgia, West Virginia, Florida, Kentucky, Tennessee, Alabama, Oklahoma, and Texas. 7/ Preliminary.

Table 85 --Soybeans: U.S. acreage, production, farm value and price, 1925-71

Year	Acreage			Production	
	Planted ^{1/}	Harvested for beans	Harvested as % of planted	Per acre harvested	Total
	-- 1,000 acres --		Percent	Bushels	1,000 bushels
1925	1,539	415	27	11.7	4,947
1930	3,072	1,074	35	13.0	13,929
1935	6,966	2,915	42	16.8	48,901
1940	10,487	4,807	46	16.2	78,045
1945	13,056	10,740	82	18.0	193,157
1950	15,048	13,807	92	21.7	299,249
1951	15,176	13,615	90	20.8	283,777
1952	15,958	14,435	90	20.7	298,839
1953	16,394	14,829	90	18.2	269,169
1954	18,541	17,047	92	20.0	341,075
1955	19,574	18,620	95	21.8	371,582
1956	21,700	20,620	95	23.2	449,251
1957	21,938	20,857	95	24.2	483,425
1958	25,108	23,993	96	24.2	580,250
1959	23,349	22,631	97	23.5	532,899
1960	24,440	23,655	97	23.5	555,085
1961	27,787	27,003	97	25.1	678,554
1962	28,418	27,608	97	24.2	669,186
1963	29,462	28,615	97	24.4	699,165
1964	31,605	30,793	97	22.8	700,921
1965	35,227	34,449	98	24.5	845,608
1966	37,294	36,546	98	25.4	928,481
1967	40,776	39,767	98	24.5	976,060
1968	42,037	41,104	98	26.8	1,103,129
1969	42,198	40,982	97	27.5	1,125,314
1970	42,945	42,056	98	26.7	1,123,740
1971 ^{2/}	43,176	42,409	98	27.6	1,169,361
1972 ^{3/}	45,489				

Year	Farm value of production		Price			
	Total	Soybeans rank among cash crops	Season average received by farmers	Support (farm basis)	Parity (September)	Percent of parity
	Thou. dollars	Number	Dollars			Percent
1925	11,430	14	2.34	---	1.61	145
1930	19,058	12	1.37	---	1.51	91
1935	35,565	9	.73	---	1.22	60
1940	70,824	8	.98	---	1.19	75
1945	402,234	7	2.08	2.04	1.65	126
1950	737,760	6	2.47	2.06	2.59	95
1951	773,405	6	2.73	2.45	2.82	97
1952	811,375	6	2.72	2.56	2.81	95
1953	733,271	6	2.72	2.56	2.75	99
1954	840,767	6	2.46	2.22	2.80	88
1955	830,909	5	2.22	2.04	2.66	78
1956	980,299	5	2.18	2.13	2.93	74
1957	1,002,641	4	2.07	2.09	3.02	69
1958	1,160,112	4	2.00	2.09	3.04	66
1959	1,046,468	4	1.96	1.85	2.89	68
1960	1,184,910	4	2.11	1.85	2.90	73
1961	1,543,909	3	2.28	2.30	2.89	79
1962	1,564,352	3	2.34	2.25	2.97	79
1963	1,755,076	3	2.51	2.25	3.01	83
1964	1,835,441	2	2.62	2.25	3.03	86
1965	2,151,305	2	2.54	2.25	3.04	84
1966	2,553,612	2	2.75	2.50	3.30	85
1967	2,442,564	2	2.49	2.50	3.42	71
1968	2,679,210	2	2.43	2.50	3.64	64
1969	2,647,499	2	2.35	2.25		
1970 ^{2/}	3,204,650	2	2.85	2.25	2.81	75
1971	3,518,855	2	3.01	2.25	4.01	74
1972				2.25		59

^{1/} Acreage grown alone for all purposes. ^{2/} Preliminary. ^{3/} March 1 planting intentions. ^{4/} No. 1 grade soybeans beginning 1969. Prior years No. 2 grade.

Table 86.--Soybeans and other selected crops: Harvested acreage and their changes, Corn Belt, South, and U.S., selected years, 1949-1969

Crop and Area	Change in acreage from 1949 through							Percentage change 1949-69
	1949	1950	1953	1957	1960	1965	1969	
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Percent
Corn Belt 7/								
Corn	33.4	-3.4	-0.4	-3.7	+1.6	-2.8	-4.0	-12
Hay	13.0	+1.7	+0.2	0	-1.2	-2.1	-3.9	-30
Oats	14.1	0	-1.9	-3.2	-2.9	-10.1	-10.5	-74
Soybeans	7.8	+2.0	+2.4	+2.0	+4.0	+11.0	+12.4	+163
Wheat	8.1	-1.4	-2	-1.8	-2.4	-2.9	-3.6	-46
Total	76.2	-1.1	+7	-3.9	-1.8	-6.9	-9.3	-12
South 8/								
Corn	16.9	+1.2	-3.0	-5.1	-7.6	-11.2	-11.2	-69
Cotton	3.3	-8.2	-3.5	-12.0	-10.9	-14.2	-14.2	-61
Hay	10.4	-4	-4	-1.9	-2.5	-1.7	-2.6	-24
Oats	3.3	+1	+7	+1.2	-5	-1.7	-8.0	-59
Soybeans	1.3	+4.6	+0	+2.2	+2.2	+7.5	+11.2	+1,158
Wheat	14.0	-6.1	-6.2	-7.0	-4.9	-4.8	-5.0	-42
Total	60.9	-13.0	-0.6	-22.4	-22.3	-26.1	-29.1	-46
United States								
Corn	29.8	-3.9	-7.1	-13.7	-13.9	-30.3	-31.0	-36
Cotton	27.4	-9.6	-3.1	-13.9	-12.1	-16.3	-16.3	-60
Hay, all	72.8	+1.3	+0.2	-9	-2.5	-1.7	-11.0	-15
Oats	37.8	+1.5	-3	-3.7	-11.1	-19.3	-19.8	-52
Soybeans	10.5	+3.3	+4.3	+10.4	+13.2	+24.0	+30.4	+290
Wheat	75.9	-14.3	-8.1	-32.2	-24.0	-26.4	-28.1	-37
Total	310.0	-20.6	-10.1	-54.0	-50.4	-70.0	-76.0	-24

1/ Acreage restrictions on corn, cotton, and wheat. 2/ No acreage controls. 3/ Acreage restrictions on corn, cotton, and wheat; Soil Bank Program in effect. 4/ Acreage controls on cotton and wheat but not corn. Soil Bank Program in effect. 5/ Acreage diversion program for corn with part of the support price in the form of a direct payment. Cotton farms had regular allotments and domestic allotments with complying farmers receiving an additional support price (up to 15%) on the planted acreage within the domestic allotment. Voluntary program for wheat with acreage allotment and land diversion program, with wheat food processors and exporters required to buy certificates to cover all wheat they processed or exported. 6/ Voluntary feed grain program begun in 1961 extended through 1969. Voluntary wheat certificate program begun in 1964 in effect through 1969 with only limited changes. 7/ Illinois, Iowa, Indiana, Ohio, and Missouri. 8/ Southeastern States plus Mississippi, Tennessee, Louisiana, Arkansas, Texas and Oklahoma.

Table 87.--Selected characteristics of U.S. soybean farms, 1949-64

Census year	Number of farms	Acreage harvested for beans		Production		Value of production				
		Total	Average per farm	Total	Average per farm	Total	Average per farm			
		Thou. acre	Acres	Thou. bu.	Bu.	Thou. dol.	Dol.			
1949	370	10,148	27	212,440	574	451,129	1,220			
1954	472	16,444	35	324,065	687	816,096	1,730			
1959	500	22,080	44	15,628	1,032	1,017,902	2,037			
1964	560	29,846	53	669,714	1,196	1,779,620	3,177			
1969	N.A.									
Number of soybean farms										
Census year	Less than 15 acres		15 to 24 acres		25 to 49 acres		50 to 99 acres		100 acres or more	
	Thou.	% of total	Thou.	% of total	Thou.	% of total	Thou.	% of total	Thou.	% of total
1949	220	59	N.A. 1/	---	89	24	41	11	11	3
1954	243	52	N.A. 1/	---	127	27	74	16	26	6
1959	225	45	N.A. 1/	---	135	27	94	19	46	9
1964	145	26	92	17	142	25	112	20	68	12
1969	N.A.									

1/ Not available. Included with less than 15 acres. Source: U.S. Census of Agriculture

Table 86--Soybeans: Acreage, production and price, by States and Areas, crop years, 1968-71

State and Area	Acreage harvested				Yield per acre harvested				Production				Price per bushel received by farmers			
	1968	1969	1970	1971	1968	1969	1970	1971	1968	1969	1970	1971	Season average			
	1,000	1,000	1,000	1,000	Bu.	Bu.	Bu.	Bu.	Mill.	Mill.	Mill.	Mill.	Dol.	Dol.	Dol.	Dol.
	acres	acres	acres	acres	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
North Carolina	972	885	867	73	17.5	26.5	24.0	24.0	17.0	23.5	20.8	22.5	2.44	2.37	2.90	2.85
South Carolina	931	959	988	73	12.5	22.5	20.5	21.5	11.6	21.6	20.3	22.5	2.47	2.37	2.89	2.88
Georgia	472	467	528	1,477	24.0	24.0	22.5	25.5	7.1	11.2	11.9	19.2	2.45	2.44	2.95	3.00
Alabama	557	641	409	282	22.0	23.0	23.5	25.5	12.3	14.7	14.3	17.5	2.42	2.31	2.82	2.90
Total Southeast	2,932	2,952	2,992	2,80	15.8	24.0	22.6	24.4	48.0	71.0	67.3	78.7	2.44	2.37	2.89	2.91
Kentucky	466	435	558	742	26.5	28.0	27.0	29.5	12.3	13.6	15.1	21.0	2.39	2.32	2.85	3.00
Tennessee	1,191	1,193	1,217	1,302	21.0	24.0	23.0	26.0	25.1	28.6	28.0	33.9	2.39	2.31	2.79	2.90
Mississippi	2,120	2,290	2,313	2,359	27.0	22.0	24.0	23.0	57.2	50.4	55.5	54.3	2.45	2.39	2.92	3.05
Arkansas	3,989	4,228	4,313	4,266	22.0	20.5	22.5	21.5	87.8	86.7	97.0	91.7	2.45	2.41	2.88	3.00
Louisiana	1,436	1,508	1,588	1,544	27.0	19.0	22.5	24.0	38.8	30.6	36.0	37.8	2.44	2.36	2.87	3.00
Total South Central	9,204	9,804	10,089	10,313	24.7	22.7	23.8	24.6	221.2	209.9	233.6	239.6	2.42	2.36	2.89	2.99
Ohio	2,276	2,344	2,444	2,404	30.5	29.0	28.5	30.5	69.4	68.0	68.8	76.1	2.40	2.36	2.84	3.05
Indiana	3,246	3,311	3,278	3,277	32.0	32.5	31.5	33.5	103.9	107.6	101.6	113.1	2.40	2.29	2.85	3.00
Illinois	5,663	6,730	6,800	7,150	11.5	13.5	11.0	13.0	209.9	225.5	210.8	236.0	2.48	2.38	2.90	3.05
Iowa	5,561	5,450	5,680	5,447	32.0	33.0	32.5	32.0	178.0	179.8	184.6	174.1	2.44	2.36	2.82	3.05
Missouri	3,563	3,150	3,165	3,055	28.0	26.0	25.5	27.5	102.6	81.9	88.4	97.3	2.40	2.32	2.84	3.00
Minnesota	3,232	3,068	3,099	3,051	22.0	24.5	26.5	23.0	71.1	75.2	82.1	65.6	2.42	2.37	2.79	3.00
Total Eastern Corn Belt	24,641	24,053	24,136	24,917	29.3	29.8	29.2	29.8	734.9	738.0	736.3	762.2	2.42	2.35	2.84	3.02
North Dakota	215	185	181	203	15.5	16.0	15.0	14.0	3.3	3.0	2.7	2.9	2.33	2.28	2.72	2.85
South Dakota	300	243	247	240	17.5	24.5	17.5	21.0	2.2	6.0	4.3	5.0	2.37	2.26	2.72	2.95
Nebraska	732	766	812	840	23.5	33.5	22.0	25.0	18.4	25.7	17.9	15.0	2.38	2.24	2.78	2.95
Kansas	957	852	1,005	971	25.0	23.0	15.0	20.5	23.9	19.6	15.1	17.9	2.30	2.22	2.74	2.90
Total Western Corn Belt	2,254	2,046	2,245	1,959	20.4	24.2	17.4	20.1	50.8	54.3	40.0	41.8	2.34	2.25	2.74	2.91
All others 2/	2,073	2,127	1,994	1,940	23.0	25.5	23.7	25.3	48.3	53.4	46.6	47.2	2.36	2.29	2.80	2.92
United States	41,104	40,982	42,056	42,409	26.8	27.5	26.7	27.6	1,123.1	1,126.3	1,123.7	1,159.4	2.43	2.35	2.85	3.01

1/ Preliminary. 2/ New York, New Jersey, Pennsylvania, Michigan, Wisconsin, Delaware, Maryland, Virginia, Florida, Oklahoma and Texas.

Table 89--Soybeans: U.S. supply and disposition, 1953-71

Year beginning September	Supply										Disposition							
	Production	Stocks, September 1					Total stocks	Total supply	Crushings	Domestic disappearance				Exports	Total disposition			
		Trade 1/	Government 1/							Total	Used for seed	Feed	Residual 3/			Total domestic use		
			med by CCC	Under loan	Reseal	Total											Total	Per acre planted 2/	Total
-- Million bushel --										-- Million bushel --								
1953	269.2	18.7	2.2	1.5	---	3.7	22.4	291.6	217.8	22.9	1.24	1.4	1.3	243.4	40.1	283.5		
1954	341.1	8.0	4/	1	---	0.1	8.1	349.2	241.4	23.4	1.19	1.6	2.9	289.3	57.3	326.6		
1955	373.7	13.2	8.2	1.2	---	9.4	22.5	395.3	281.9	25.8	1.19	1.6	-2.6	306.7	68.6	375.3		
1956	449.3	20.9	4/	1	---	1	21.0	470.3	313.6	26.4	1.20	1.7	13.3	355.0	83.7	438.7		
1957	483.4	24.2	6.2	1.2	---	7.4	31.6	515.0	350.9	29.5	1.17	1.5	1.9	382.8	88.4	472.2		
1958	580.2	26.2	12.7	3.9	---	16.6	42.8	623.0	398.3	27.4	1.17	1.9	2.1	430.2	105.0	535.2		
1959	532.9	29.0	44.6	5/	14.2	58.8	87.8	620.7	394.0	29.3	1.20	1.5	4.2	429.0	139.9	568.9		
1960	555.1	35.9	14.7	2	---	14.9	51.8	606.9	406.1	32.5	1.17	1.3	5.2	445.1	134.7	579.8		
1961	678.6	27.1	---	---	---	---	27.1	705.7	431.4	33.3	1.17	1.3	12.0	478.0	149.4	627.4		
1962	669.2	19.8	47.0	4	11.1	58.5	78.3	747.5	472.8	34.6	1.17	1.1	12.5	521.0	180.5	701.5		
1963	699.2	41.2	2.5	2.2	0.1	4.8	46.0	745.2	436.8	36.0	1.14	1.4	9	490.7	187.2	677.9		
1964	700.9	41.3	11.8	11.2	3.0	26.0	57.3	768.2	479.0	40.3	1.14	1.4	9	526.3	212.2	738.5		
1965	845.6	29.7	---	---	---	---	29.7	875.3	537.5	42.9	1.15	1.4	6.1	589.2	250.6	839.7		
1966	928.5	35.6	---	---	---	---	35.6	964.1	559.4	47.1	1.15	1.0	4.3	612.4	261.6	874.0		
1967	975.1	56.2	7.4	21.5	5.0	33.9	90.1	1,066.2	576.4	47.8	1.14	1.0	8.2	633.3	265.6	899.9		
1968	1,103.1	28.4	29.4	67.0	41.5	137.9	166.3	1,269.4	605.9	47.7	1.13	1.0	3.8	658.2	286.8	945.0		
1969	1,126.3	15	171.4	5/61.9	103.5	336.8	324.4	1,450.7	737.3	48.9	1.13	1.0	9	788.0	432.6	1,220.6		
1970 7/	1,123.7	22	150.2	5.1	41.5	126.7	230.1	1,353.8	720.1	48.3	1.13	1.0	12.3	821.7	433.2	1,254.9		
1971 7/	1,169.4	48	2.5	3.0	5.9	11	98.9	1,268.3	720.1	51.1	1.13	1.0	12.3	821.7	433.2	1,254.9		
1972																		

1/ Estimates. 2/ In the following year. 3/ Mostly statistical discrepancies. 4/ Less than 50,000 bushels. 5/ Small quantities included with reseal. 6/ Some of these soybeans probably had been re-deemed prior to September 1. 7/ Preliminary.

Table 90.--Growth pattern of U.S. soybean industry, average 1950-59 and 1960-69

Growth indicator	Unit of volume	Base crop years			Average annual rate of increase					
		1949	1959	1969	1950-59		1960-69		Total 20 years (1950-69)	
		Volume	Volume	Volume	Volume	Percent	Volume	Percent	Volume	Percent
<u>Soybeans</u>										
(Year beginning September):										
Harvested acreage	Mil. acre	10.5	22.6	40.9	1.2	8.4	1.8	6.2	1.5	7.3
Yield per acre	Bushels	22.3	23.5	27.3	0.1	0.7	0.4	1.6	0.25	1.2
Total production	Mil. bu.	234	533	1,117	30	9.4	58	8.0	44	8.7
Total utilization	Mil. bu.	234	569	1,200	33	9.7	63	8.0	48	8.8
Processing capacity (Est.)	Mil. bu.	240	500	2/800	26	8.0	30	6.0	28	7.0
Crushings	Mil. bu.	195	394	725	20	7.9	33	6.5	27	7.2
Exports	Mil. bu.	13	140	415	13	32.9	28	12.2	20	22.5
<u>Soybean Oil</u>										
(Year beginning October):										
Total production	Mil. lb.	1,937	4,338	7,825	240	8.8	349	6.3	294	7.5
Total utilization	Mil. lb.	1,937	4,329	7,700	239	8.7	337	6.2	288	7.4
Domestic use	Mil. lb.	1,646	3,376	6,450	173	7.8	307	6.9	240	7.3
Exports:										
Total	Mil. lb.	291	953	1,250	3/99	3/15.7	30	7.1	4/49	4/9.6
Dollars	Mil. lb.	291	364	425	3/23	3/15.0	6	20.8	4/11	4/19.1
P.L. 480	Mil. lb.	---	589	825	3/77	3/25.2	24	6.8	4/39	4/12.1
<u>Soybean Meal</u>										
(Year beginning October):										
Total production	Thou. tons	4,586	9,152	17,375	457	7.7	822	6.8	640	7.3
Total utilization	Thou. tons	4,590	9,128	17,375	454	7.7	825	6.8	640	7.3
Domestic use	Thou. tons	4,543	8,479	13,300	394	7.0	482	4.8	438	5.9
Export	Thou. tons	47	649	4,075	60	69.2	343	22.6	202	45.9
<u>Soybean Oil Products 5/</u>										
(Year beginning October):										
Cooking and salad oils	Mil. lb.	288	680	2,200	39	9.6	152	12.9	96	11.3
Margarine	Mil. lb.	265	1,114	1,450	85	17.3	34	2.8	59	10.1
Shortening	Mil. lb.	776	1,183	2,275	41	5.0	109	7.3	75	6.2
Non-food	Mil. lb.	317	375	475	6	2.1	10	2.7	8	2.4

1/ Preliminary. 2/ Includes new capacity added recently. 3/ 1955-59. P.L. 480 enacted in 1954. 4/ 1955-69 rate. 5/ Soybean oil used in specified products. NOTE: This table is reproduced from the June 1970 Fats and Oils Situation, FOS-253. The data for 1969/70 were estimated at that time. The actual data for 1969/70 are shown elsewhere in this Bulletin.

Table 91.--Soybeans: Production, disposition, and value of products, year beginning September 1, 1953-71

Year beginning September 1	Production		Disposition 1/				Value of products per bushel of soybeans crushed					
	Crushings		Exports		Seed		Value of products			Percentage distribution		
	Actual	% of production	Actual	% of production	Actual	% of production	Soybean oil (crude)	Soybean meal (bulk)	Total	Oil	Meal	
	Mil. bu.	Pct.	Mil. bu.	Pct.	Mil. bu.	Pct.	DoI.	DoI.	DoI.	Pct.	Pct.	
1953	269.2	217.8	81	40.1	15	22.9	8	1.47	1.85	3.32	44	56
1954	341.1	241.4	71	57.3	17	23.4	7	1.33	1.40	2.73	49	51
1955	373.7	281.9	75	60.6	18	25.8	7	1.39	1.24	2.62	53	47
1956	449.3	313.6	70	83.7	19	26.4	6	1.38	1.12	2.50	55	45
1957	483.4	350.9	73	88.4	18	29.5	6	1.19	1.24	2.43	49	51
1958	580.2	398.8	69	105.0	18	27.4	5	1.02	1.33	2.35	43	57
1959	532.9	394.0	74	139.9	26	29.3	5	.91	1.29	2.20	41	59
1960	555.1	406.1	73	134.7	24	32.5	6	1.23	1.41	2.64	47	53
1961	678.6	431.4	64	169.4	22	33.3	5	1.06	1.47	2.52	42	58
1962	669.2	472.8	71	180.5	27	34.6	5	.94	1.67	2.61	36	64
1963	699.2	436.8	62	187.2	27	36.0	5	.92	1.72	2.64	35	65
1964	700.9	479.0	68	212.2	30	40.3	6	1.22	1.66	2.88	42	58
1965	845.6	537.5	64	250.6	30	42.9	5	1.26	1.91	3.17	40	60
1966	928.5	559.4	60	264.6	28	47.1	5	1.11	1.80	3.01	37	63
1967	976.1	576.4	59	264.6	27	47.8	5	.91	1.92	2.73	33	67
1968	1,103.1	605.9	55	286.8	26	47.7	4	.87	1.78	2.65	33	67
1969	1,126.3	737.3	65	432.6	38	48.9	4	1.17	1.84	3.01	39	61
1970 2/	1,283.7	760.1	68	433.2	39	48.3	4	1.38	1.88	3.26	42	58
1971 2/	1,169.4					51.1						
1972												

1/ Disposition totals for individual years may exceed production due to stock changes. 2/ Preliminary.

Table 92.--Soybean oil and meal: Production and disposition, and bean equivalent of exports, year beginning September 1, 1953-70

Year beginning September 1	Soybean oil					Soybean meal					
	Production	Disposition 1/		Exports and shipments	Bean equiv. 2/	Production	Disposition 1/		Exports and shipments	Bean equiv. 2/	
		Actual	% of production				Actual	% of production			Actual	% of production
	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. bu.	1,000 tons	Pct.	1,000 tons	Pct.	Mil. bu.	
1953	2,399	2,369	99	77	3	5,162	5,056	98	73	1	3
1954	2,630	2,585	98	49	2	5,534	5,368	97	247	4	11
1955	3,128	2,582	83	483	15	6,516	6,042	93	397	6	17
1956	3,408	2,494	73	856	25	7,452	7,052	95	452	6	19
1957	3,774	3,023	80	728	19	8,210	7,921	96	300	4	13
1958	4,224	3,278	78	899	21	9,434	8,921	95	496	5	21
1959	4,337	3,352	77	1,058	24	9,170	8,537	93	640	7	28
1960	4,465	3,292	74	719	16	9,538	8,847	93	606	6	26
1961	4,709	3,556	76	1,218	26	10,151	9,217	91	1,042	10	44
1962	5,079	3,712	73	1,145	23	11,095	9,579	86	1,439	13	61
1963	4,769	3,903	82	1,124	24	10,488	9,088	87	1,415	13	59
1964	5,215	4,097	79	1,362	26	11,439	9,102	80	2,105	18	88
1965	5,747	4,685	82	974	17	12,772	10,176	80	2,616	20	110
1966	5,989	4,740	79	1,066	18	13,322	10,680	80	2,659	20	111
1967	6,094	5,106	84	986	16	13,750	10,742	78	2,991	28	126
1968	6,427	5,636	88	935	15	14,369	11,267	78	3,074	22	129
1969	7,852	6,353	81	1,381	18	17,458	13,425	77	4,002	23	169
1970 3/	8,231	6,271	76	1,811	22	18,004	13,580	75	4,417	25	186
1971											
1972											

1/ Disposition totals for individual years may exceed production due to stock changes. 2/ Based on 11.0 pounds of oil and actual output of meal per bushel. 3/ Preliminary.

Table 93.--Soybeans, soybean oil, and soybean meal: U.S. exports as such and as oil and meal equivalent, year beginning September 1, 1953-70

Year beginning September 1	Soybean exports			Soybean oil exports			Soybean meal exports		
	Actual	Oil equivalent of soybeans 1/	Meal equivalent of soybeans 2/	Actual	Oil equivalent of soybeans 1/	Total oil equivalent	Actual	Meal equivalent of soybeans 2/	Total meal equivalent 2/
1953	40.1	441	951	77	441	518	73	951	1,024
1954	57.3	630	1,315	49	630	679	247	1,315	1,562
1955	68.6	754	1,584	483	754	1,237	397	1,584	1,981
1956	83.7	921	1,989	856	921	1,777	452	1,989	2,441
1957	88.4	972	2,068	728	972	1,700	300	2,068	2,368
1958	105.0	1,155	2,403	899	1,155	2,054	496	2,483	2,979
1959	139.9	1,539	3,253	1,058	1,539	2,597	640	3,253	3,893
1960	134.7	1,481	3,165	719	1,481	2,200	506	3,165	3,771
1961	149.4	1,644	3,526	1,218	1,644	2,862	1,042	3,526	4,568
1962	180.5	1,985	4,232	1,145	1,985	3,130	1,439	4,232	5,671
1963	187.2	2,060	4,494	1,124	2,060	3,184	1,415	4,494	5,909
1964	212.2	2,334	5,071	1,362	2,334	3,696	2,105	5,071	7,176
1965	250.6	2,757	5,952	974	2,757	3,731	2,616	5,952	8,568
1966	261.6	2,878	6,239	1,066	2,878	3,944	2,659	6,239	8,896
1967	266.6	2,932	6,358	986	2,932	3,918	2,991	6,358	9,349
1968	286.8	3,155	6,797	935	3,155	4,090	3,074	6,797	9,871
1969	432.6	4,753	10,253	1,381	4,753	6,139	4,002	10,253	14,255
1970 3/	433.2	4,765	10,267	1,811	4,765	6,576	4,417	10,267	14,684
1971									
1972									

1/ Based on 11.0 pounds of oil per bushel of soybeans. 2/ Based on actual output of meal per bushel of soybeans. 3/ Preliminary.

Table 94.--Soybeans: Oil and protein content for selected States, percent dry weight basis, 1966 and 1967 Crops

Area and State	1966 Crop			1967 Crop		
	Number of samples	Oil content	Protein content	Number of samples	Oil content	Protein content
	Number	Percent	Percent	Number	Percent	Percent
Corn Belt States:						
Illinois	118	21.1	42.6	141	20.8	42.4
Iowa	108	20.3	41.9	106	20.8	41.4
Indiana	118	21.0	43.7	106	20.9	42.5
Ohio	127	20.1	44.1	98	20.5	43.0
Missouri	118	20.0	41.2	113	20.9	41.2
Total	589	20.6	42.5	564	20.8	42.1
Lake States:						
Minnesota	101	19.4	42.5	108	20.2	42.0
Michigan	24	19.2	43.4	21	20.0	42.8
Total	125	19.4	42.6	129	20.2	42.1
Plains States:						
Kansas	28	20.5	41.4	26	22.2	38.8
Nebraska	22	20.5	39.2	28	21.4	39.9
Total	50	20.5	40.0	54	21.8	39.4
Delta States:						
Arkansas	116	19.8	41.7	126	21.3	41.8
Mississippi	105	20.7	41.7	111	22.0	40.8
Louisiana	53	21.5	41.5	72	22.1	42.2
Tennessee	67	20.1	40.2	74	21.4	41.9
Total	341	20.3	41.5	383	21.6	41.6
Atlantic States:						
North Carolina	78	19.8	43.0	64	20.4	42.4
South Carolina	59	21.5	40.8	83	21.2	40.5
Total	137	20.7	41.8	147	20.8	41.4
Total--15 States	1,242	20.4	42.2	1,277	21.0	41.8

Statistical Reporting Service

Table 95.--Soybeans: Receipts at oil mills, crushings, and stocks end of month, by months, 1958-71.

Month	Receipts at mills													
	1958/59	1959/60	1960/61	1961/62	1962/63	1963/64	1964/65	1965/66	1966/67	1967/68	1968/69	1969/70	1970/71	1971/72
	-- Million bushels --													
September	24.9	35.7	23.5	19.0	37.9	38.5	42.6	22.8	21.9	38.6	28.3	48.2	50.3	45.6
October	120.4	89.3	119.5	110.1	101.6	135.1	140.3	99.4	109.4	141.3	149.7	154.9	134.7	145.2
November	47.2	67.0	63.6	60.8	91.4	46.2	76.3	94.7	89.7	107.1	81.6	98.5	113.5	87.6
December	24.5	29.3	26.9	29.9	32.3	19.5	33.2	47.1	38.4	39.4	45.4	55.1	85.4	44.1
January	33.1	21.6	38.3	32.4	44.2	20.6	37.6	48.8	37.4	44.9	41.2	54.4	57.1	52.9
February	26.2	19.7	28.1	27.6	29.4	21.7	32.1	43.4	37.4	38.2	42.0	62.4	51.0	69.1
March	22.8	17.5	23.6	27.8	24.9	25.4	19.3	45.0	38.1	35.7	37.7	52.7	51.1	63.4
April	22.1	23.2	22.5	29.7	24.0	25.4	19.3	45.0	38.1	35.7	37.7	52.7	51.1	63.4
May	25.5	25.9	14.8	29.0	29.3	27.8	16.6	39.5	32.4	22.6	35.6	50.9	43.0	48.6
June	27.4	27.5	14.2	23.3	24.1	29.9	21.6	31.0	39.7	33.3	39.4	44.3	48.7	
July	23.4	22.2	14.1	19.8	24.3	30.1	19.6	22.2	39.7	29.3	41.3	48.3	57.4	
August	10.0	18.1	10.5	17.8	19.5	20.8	12.4	15.1	31.5	33.6	34.8	40.5	42.5	
Year	401.5	397.0	399.6	427.2	482.9	437.1	474.5	545.2	558.2	588.5	609.7	742.6	769.0	
	Crushings													
September	25.1	27.5	26.9	23.0	30.4	32.2	36.3	30.4	35.3	42.2	38.2	47.5	53.3	54.5
October	33.5	35.3	35.6	36.5	39.9	40.5	44.3	44.1	45.2	50.4	54.7	61.8	66.8	59.5
November	33.5	36.1	37.1	38.5	42.8	39.4	43.6	48.2	49.6	51.6	55.6	62.0	65.9	59.8
December	34.4	34.1	38.1	38.7	42.8	39.2	43.2	48.9	48.9	50.6	52.2	63.1	68.1	64.0
January	36.7	34.2	39.0	41.0	42.8	36.0	43.0	50.2	50.6	51.2	49.9	62.9	67.7	63.9
February	34.0	30.9	34.6	36.3	38.8	34.6	37.8	45.1	44.6	48.6	45.0	58.8	60.1	60.2
March	36.0	34.8	34.8	38.8	41.9	33.8	40.8	49.4	46.9	48.3	54.6	62.9	63.6	63.9
April	34.6	33.2	33.0	36.5	36.0	35.3	38.2	43.9	47.5	44.6	50.4	62.5	63.8	58.5
May	36.4	33.2	34.3	38.6	41.1	36.3	40.9	50.1	49.2	48.8	54.5	67.4	63.8	
June	33.2	31.3	31.9	34.3	39.0	35.0	37.1	44.7	48.8	47.5	50.6	63.7	61.1	
July	31.9	31.4	31.0	34.8	38.2	37.3	36.6	42.0	47.5	47.6	52.1	62.7	62.4	
August	29.6	32.1	30.0	34.4	39.0	37.2	37.1	40.4	45.4	44.9	48.2	62.0	63.6	
Year	398.8	394.0	406.1	431.4	472.8	436.8	479.0	537.5	559.4	576.4	605.9	737.3	760.1	
	Stocks, end of month, at oil mills													
September	13.9	25.0	16.5	9.4	16.8	25.7	25.9	7.6	9.5	18.1	14.4	28.8	30.4	33.5
October	100.8	78.9	100.3	83.1	78.4	120.3	121.8	62.9	73.7	108.9	109.4	121.9	98.3	119.1
November	108.5	109.9	126.9	105.3	126.9	127.1	154.5	109.4	113.8	164.4	135.4	158.4	145.9	146.9
December	98.6	105.2	115.7	96.5	116.5	107.4	144.6	107.6	103.3	153.3	128.6	150.3	163.2	127.1
January	95.0	92.7	115.0	88.0	117.8	92.1	139.2	106.2	91.0	137.6	119.9	141.8	152.6	116.1
February	87.2	81.5	108.5	79.3	108.4	79.2	133.6	104.5	83.8	127.1	116.9	145.3	143.5	125.1
March	74.0	64.2	97.3	68.3	91.4	66.9	115.7	91.2	81.1	114.5	100.0	135.2	131.0	144.5
April	61.5	54.2	86.9	61.5	79.5	57.0	96.7	92.3	71.6	92.5	85.2	123.6	110.3	114.7
May	50.7	46.8	67.5	51.9	67.7	48.5	72.4	81.7	54.9	76.9	70.1	100.5	95.2	
June	44.9	43.1	49.8	40.9	52.8	43.3	56.9	67.9	45.8	58.7	60.8	85.1	91.5	
July	36.4	33.9	32.9	25.9	38.9	36.0	39.9	48.1	35.6	44.7	43.6	62.9	71.5	
August	16.7	19.9	13.4	9.3	19.4	19.6	15.1	22.8	21.7	24.4	28.2	33.4	42.3	

Data compiled from Bureau of Census reports.

Table 96.--Soybean crushings, by months, actual and percentage, 1965-70

Month	1965/66		1966/67		1967/68		1968/69		1969/70		1965-69 Average	1970/71 1/	
	Actual	% of total	Actual	% of total	Actual	% of total	Actual	% of total	Actual	% of total	% of total	Actual	% of total
	Mil. bu.	Pct.	Mil. bu.	Pct.	Mil. bu.	Pct.	Mil. bu.	Pct.	Mil. bu.	Pct.	Pct.	Mil. bu.	Pct.
September	30.4	5.7	35.3	6.3	42.2	7.3	38.2	6.3	47.5	6.4	6.4	53.3	7.0
October	44.1	8.2	45.2	8.1	50.4	8.7	54.7	9.0	61.8	8.4	8.5	66.8	8.8
November	48.2	9.0	49.6	8.9	51.6	9.0	55.6	9.2	62.0	8.4	8.9	65.9	8.7
December	48.9	9.1	48.9	8.7	50.6	8.8	52.2	8.6	63.1	8.6	8.7	68.0	8.9
January	50.2	9.3	50.6	9.0	51.2	8.9	49.9	8.2	62.9	8.5	8.8	67.7	8.9
February	45.1	8.4	44.6	8.0	48.6	8.4	45.0	7.4	58.8	8.0	8.0	60.1	7.9
March	49.4	9.2	46.9	8.4	48.3	8.4	54.6	9.0	62.9	8.5	8.7	63.6	8.4
April	43.9	8.2	47.5	8.5	44.6	7.7	50.4	8.3	62.5	8.5	8.3	63.8	8.4
May	50.1	9.3	49.2	8.8	48.8	8.5	54.5	9.0	67.4	9.1	9.0	63.8	8.4
June	44.7	8.3	48.8	8.7	47.5	8.2	50.6	8.4	63.7	8.6	8.5	61.1	8.0
July	42.0	7.8	47.5	8.5	47.6	8.3	52.1	8.6	62.7	8.5	8.4	62.4	8.2
August	40.4	7.5	45.4	8.1	44.9	7.8	48.2	8.0	62.0	8.4	8.0	63.6	8.4
Total	537.5	100.0	559.4	100.0	576.4	100.0	605.9	100.0	737.3	100.0	100.0	760.1	100.0
<u>Cumulative Data</u>													
September	30.4	5.7	35.3	6.3	42.2	7.3	38.2	6.3	47.5	6.4	6.4	53.3	7.0
October	74.4	13.9	80.5	14.4	92.6	16.1	92.9	15.3	109.4	14.8	14.9	120.1	15.8
November	122.7	22.9	130.1	23.3	144.2	25.0	148.5	24.5	171.3	23.2	23.8	186.0	24.5
December	171.6	32.0	178.9	32.1	194.8	33.8	200.7	33.1	234.5	31.8	32.5	254.1	33.4
January	221.8	41.3	229.5	41.1	246.0	42.7	250.6	41.4	297.4	40.3	41.3	321.8	42.3
February	266.9	49.7	274.1	49.0	294.6	51.1	295.6	48.8	356.3	48.3	49.3	381.9	50.2
March	316.3	58.9	321.0	57.3	342.9	59.5	350.2	57.8	419.1	56.8	58.0	445.5	58.6
April	360.2	67.1	368.5	65.7	387.5	67.2	400.6	66.1	481.6	65.3	66.2	509.3	67.0
May	410.3	76.4	417.7	74.5	436.3	75.7	455.0	75.1	549.0	74.5	75.2	573.1	75.4
June	455.0	84.7	466.5	83.3	483.8	83.9	505.6	83.4	612.7	83.1	83.7	634.1	83.4
July	497.1	92.5	514.0	91.8	531.5	92.2	557.7	92.0	675.4	91.6	90.0	696.5	91.6
August	537.5	100.0	559.4	100.0	576.4	100.0	605.9	100.0	737.3	100.0	100.0	760.1	100.0

1/ Preliminary.

Table 97.--Soybean exports, by months, actual and percentage, 1965-70

Month	1965/66		1966/67		1967/68		1968/69		1965-69 Average 1/		1970/71 2/		
	Actual	% of total	Actual	% of total	Actual	% of total	Actual	% of total	% of total	Actual	% of total		
	Mil. bu.	Pct.	Mil. bu.	Pct.	Mil. bu.	Pct.	Mil. bu.	Pct.	Pct.	Mil. bu.	Pct.		
September	4.8	1.9	5.5	2.1	10.3	3.8	13.9	4.9	2.7	13.3	3.1	29.9	6.9
October	32.3	12.9	29.4	11.2	29.7	11.1	32.8	11.4	11.8	52.5	12.2	44.0	10.2
November	39.4	15.7	40.6	15.5	39.9	15.0	50.0	17.4	15.4	53.7	12.4	45.3	10.5
December	31.4	12.5	29.8	11.4	27.2	10.2	38.5	13.4	11.4	39.9	9.2	46.9	10.8
January	19.6	7.8	21.9	8.4	21.8	8.2	1.2	.4	8.1	28.7	6.6	35.1	8.1
February	17.1	6.8	20.4	7.8	18.8	7.1	11.4	4.0	7.2	31.6	7.3	33.0	7.6
March	21.6	8.6	17.5	6.7	24.1	9.0	36.6	12.8	8.1	39.2	9.1	35.1	8.1
April	20.2	8.1	21.7	8.3	21.6	8.1	34.3	12.0	8.2	41.2	9.5	32.8	7.6
May	21.5	8.6	21.8	8.3	20.1	7.5	23.8	8.3	8.1	37.1	8.6	30.2	7.0
June	19.6	7.8	20.0	7.6	18.7	7.0	14.0	4.9	7.5	38.5	8.9	34.9	8.1
July	12.1	4.8	16.8	6.4	17.1	6.4	18.2	6.3	5.9	25.2	5.8	34.4	7.9
August	11.1	4.4	16.2	6.2	17.3	6.6	12.1	4.2	5.7	31.6	7.3	31.3	7.2
Total	250.6	100.0	261.6	100.0	266.6	100.0	286.8	100.0	100.0	432.6	100.0	433.2	100.0
<u>Cumulative Data</u>													
September	4.8	1.9	5.5	2.1	10.3	3.8	13.9	4.9	2.7	13.3	3.1	29.9	6.9
October	37.1	14.8	34.9	13.3	40.0	15.0	46.7	16.3	14.4	65.8	15.3	73.9	17.1
November	76.5	30.5	75.5	28.8	79.9	30.0	96.7	33.7	29.8	119.5	27.7	119.2	27.6
December	107.9	43.1	105.3	40.2	107.2	40.2	135.2	47.1	41.0	159.4	36.9	166.1	38.4
January	127.5	50.9	127.2	48.6	129.0	48.4	136.4	47.6	49.3	188.1	43.5	201.2	46.5
February	144.6	57.7	147.6	56.4	147.8	55.4	147.8	51.5	56.5	219.7	50.8	234.2	54.1
March	166.2	66.3	165.1	63.1	171.9	64.5	184.4	64.3	64.7	250.9	59.9	269.3	62.2
April	186.4	74.4	186.8	71.4	193.4	72.5	218.7	76.3	72.8	300.1	69.4	302.1	69.8
May	207.8	82.9	208.6	79.7	213.6	80.1	242.5	84.6	81.0	337.2	78.0	332.3	76.8
June	227.4	90.7	228.6	87.2	232.2	87.1	256.5	89.4	88.4	375.7	86.9	367.2	84.9
July	239.5	95.6	245.4	93.8	249.3	93.5	274.7	95.8	94.3	400.9	92.7	401.6	92.8
August	250.6	100.0	261.6	100.0	266.6	100.0	286.8	100.0	100.0	432.6	100.0	433.2	100.0

1/ Non-strike years. 2/ Preliminary.

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Table 98 -- Soybeans: Crushings and oil and meal production, by States, 1950-70

Year beginning September	Crushings																					
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	-- Million bushels --																					
Arkansas	6.1	5.5	4.0	2	8		4.0	6.5	9.5	8.9	6.1	15.0	17.3	8.4	4.1	15.7	26.8	10.6	45.0	50.2	37.3	
Georgia	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Illinois	97.8	97.8	91.2	84.5	100.8	106.8	114.9	119.8	128.4	122.1	121.5	128.5	139.8	123.0	139.2	145.8	132.7	130.8	138.2	174.9	174.9	
Indiana	20.2	23.2	26.5	26.2	25.0	30.0	31.0	31.4	26.5	26.6	37.6	47.1	37.3	15.5	43.9	46.8	41.8	28.0	38.3	52.7	48.4	
Iowa	39.4	38.4	39.7	41.0	40.8	48.5	49.8	55.9	65.5	66.7	69.4	73.3	81.9	75.4	81.4	92.6	97.4	89.7	89.6	99.4	108.3	
Kansas	5.3	4.7	4.1	1.3	4.2																	
Kentucky	5.5	6.4	3.6	2.9	4.5	4.6	2.7	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	
Minnesota	9.3	10.4	11.5	13.7	15.6	18.4	23.1	26.0	31.1	30.0	26.6	28.9	29.9	27.8	28.1	33.4	35.5	32.5	34.0	41.7	44.3	
Mississippi	1/	1.3	2.2	1	3																	
Missouri	8.9	8.0	6.3	6	8																	
Nebraska	1.7	1.7	1.8	3	6.9	9.4	11.4	12.8	5.9	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	
North Carolina	2.6	2.1	1.3	3	2.6	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	
Ohio	27.0	26.9	26.4	24.6	23.9	29.1	31.7	33.6	37.2	35.8	34.0	32.9	32.7	30.5	31.8	21.0	3.3	30.1	33.8	2.6	1/	
Oklahoma	1.2	.8	1.1	1	2																	
Tennessee	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	
Texas	4	1/	1/	1/	1/	1/	13.9	28.4	35.6	32.1	31.4	33.6	35.4	34.3	32.4	37.2	42.9	42.6	41.9	47.2	54.8	
Other States 2/	24.5	17.0	14.1	15.5	21.7	34.4	27.6	25.6	41.9	59.1	64.8	67.9	85.2	113.5	110.8	120.7	129.0	129.9	115.7	167.3	204.9	
U.S.	250.9	244.2	233.8	217.8	241.4	281.9	313.5	350.9	398.8	394.0	406.1	431.4	472.8	436.8	479.0	537.5	559.4	576.4	605.9	737.3	760.1	

	Production of oil																				
	-- Million pounds --																				
Arkansas	54	50	37	2	7		41	66	99	96	67	165	186	90	45	184	280	116	473	539	397
Georgia	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Illinois	1,002	1,016	1,016	958	1,135	1,213	1,283	1,337	1,386	1,387	1,372	1,418	1,530	1,387	1,546	1,579	1,448	1,372	1,494	1,915	1,935
Indiana	198	241	290	289	278	331	341	336	275	298	411	409	404	180	489	456	448	298	274	554	522
Iowa	378	364	424	447	433	542	540	592	691	788	746	788	860	810	866	982	1,052	948	943	1,029	1,161
Kansas	50	45	44	13	1/	5	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Kentucky	67	70	40	32	50	51	7	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Minnesota	87	93	113	146	159	202	236	255	325	318	286	308	298	287	286	331	364	336	340	425	459
Mississippi	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Missouri	79	13	23	1	8																
Nebraska	15	14	17	3	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
North Carolina	22	17	10	1	1	1	1	12	25	26	37	47	35	1/	1/	1/	1/	1/	1/	1/	1/
Ohio	259	277	282	264	252	317	333	359	376	401	370	356	377	357	327	346	337	374	301	349	27
Oklahoma	10	7	10	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Tennessee	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Texas	4	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Other States 2/	217	157	144	178	232	364	252	268	463	632	704	735	916	1,246	1,203	1,310	1,388	2,051	1,407	1,780	2,217
U.S.	2,442	2,438	2,516	2,399	2,530	3,128	3,408	3,774	4,224	4,337	4,465	4,789	5,079	4,769	5,215	5,747	5,939	6,094	6,427	7,852	8,231

	Production of meal																				
	-- 1,000 tons --																				
Arkansas	145	128	95	5	19		92	143	220	205	143	351	402	202	100	400	637	236	1,067	1,206	897
Georgia	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Illinois	2,204	2,200	2,075	1,909	2,228	2,370	2,651	2,748	2,970	2,779	2,778	2,942	3,213	2,890	3,290	3,447	3,121	2,999	3,244	4,096	4,105
Indiana	476	554	638	640	589	708	749	750	626	624	899	890	889	413	1,045	1,110	1,000	668	910	1,246	1,135
Iowa	966	923	976	1,007	959	1,163	1,230	1,344	1,587	1,595	1,670	1,768	1,971	1,841	1,986	2,230	2,370	2,186	2,138	2,379	2,602
Kansas	129	112	103	32	1/	5	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Kentucky	149	149	85	71	106	108	15	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Minnesota	224	244	278	335	364	426	548	598	744	696	621	675	688	648	665	803	840	787	809	989	1,063
Mississippi	---	32	53	3	19	---	103	231	290	234	260	226	232	175	176	229	323	454	581	806	821
Missouri	216	191	155	147	161	222	279	303	141	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Nebraska	42	43	46	8	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
North Carolina	62	50	31	1	1	12	26	32	87	82	87	110	78	11	1/	1/	1/	1/	1/	1/	1/
Ohio	638	644	632	601	562	693	763	806	901	840	817	800	787	755	769	765	879	720	810	62	1/
Oklahoma	28	19	27	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Tennessee	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Texas	10	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Other States 2/	582	406	340	403	526	809	665	602	1,051	1,399	1,534	1,609	2,010	2,731	2,642	2,851	3,047	4,755	2,854	3,959	4,842
U.S.	5,871	5,695	5,534	5,162	5,534	6,516	7,452	8,210	9,434	9,190	9,538	10,161	11,095	10,488	11,439	12,772	13,322	13,750	14,369	17,458	18,004

1/ Included in "All other States". 2/ In some years includes data for individual States shown separately above but listed by Census as "Other States."

Table 99--Soybeans: Crushings and yields of oil meal per bushel crushed, exports and price, by months, crop years, 1958-71

Year Beginning September	Crushings												Total or Average	
	September	October	November	December	January	February	March	April	May	June	July	August		
	-- Million bushels --													
1958	25.1	33.5	33.5	34.4	37.7	34.0	36.0	34.6	36.4	33.2	31.9	29.6	398.8	
1959	27.5	35.3	36.1	34.1	34.2	30.9	34.8	33.2	33.2	31.3	31.4	32.1	394.0	
1960	26.9	35.6	37.1	38.1	39.0	34.6	34.8	33.7	34.3	31.9	31.0	30.0	406.1	
1961	23.0	36.5	38.5	38.7	41.0	36.3	38.8	36.5	38.6	34.3	34.8	34.4	431.4	
1962	30.4	39.9	42.8	42.8	42.8	38.8	41.9	36.0	41.1	39.0	38.2	39.0	472.8	
1963	32.2	40.5	39.4	39.2	36.0	34.6	33.8	35.3	36.3	35.0	37.3	37.2	436.8	
1964	36.3	44.3	43.6	43.2	43.0	37.8	40.8	38.2	40.9	37.1	36.6	37.1	479.0	
1965	30.4	44.1	48.2	48.9	50.2	45.1	49.4	43.9	50.1	44.7	42.0	40.4	537.5	
1966	35.3	45.2	49.6	48.9	50.6	44.6	46.9	47.5	49.2	48.8	47.5	45.4	559.4	
1967	42.2	50.4	51.6	50.6	51.2	48.6	48.3	44.6	48.8	47.5	47.6	44.9	576.4	
1968	38.2	54.7	55.6	52.2	49.9	45.0	44.6	50.4	54.5	50.6	52.1	48.2	605.9	
1969	47.5	61.8	62.0	63.1	62.9	58.8	62.9	62.9	67.4	63.7	62.7	62.0	737.3	
1970 1/	53.3	66.8	65.9	68.1	67.7	60.1	63.6	63.8	63.8	62.1	62.4	63.6	780.1	
1971 1/	54.5	69.5	69.8	74.0	73.9	60.2	63.9	58.5						
1972														
1973														
	yield of oil per bu. crushed													
	-- Pounds --													
1958	10.8	10.5	10.5	10.4	10.5	10.5	10.6	10.6	10.6	10.7	10.8	10.8	10.6	
1959	10.8	11.1	10.9	11.0	10.9	10.9	10.9	11.1	11.0	11.1	11.1	11.2	11.0	
1960	11.1	11.0	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.0	
1961	11.0	10.9	10.8	10.8	10.8	10.9	10.9	10.9	11.0	11.0	11.0	11.0	10.9	
1962	11.0	10.7	10.6	10.5	10.7	10.6	10.8	10.7	10.8	10.8	10.8	10.9	10.9	
1963	10.7	10.9	10.8	10.8	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	10.9	
1964	11.0	10.9	10.7	10.8	10.8	10.8	11.0	10.9	11.0	11.0	11.0	11.0	10.9	
1965	10.8	10.8	10.6	10.6	10.6	10.6	10.7	10.7	10.7	10.8	10.8	10.8	10.7	
1966	10.8	10.7	10.5	10.5	10.6	10.7	10.7	10.8	10.8	10.8	10.8	10.9	10.7	
1967	11.1	10.5	10.4	10.4	10.3	10.5	10.6	10.6	10.7	10.7	10.7	10.6	10.6	
1968	10.7	10.6	10.5	10.4	10.5	10.6	10.6	10.7	10.7	10.7	10.5	10.9	10.6	
1969	10.8	10.7	10.6	10.5	10.6	10.6	10.7	10.8	10.7	10.7	10.5	10.6	10.6	
1970 1/	10.6	10.9	10.7	10.7	10.7	10.9	10.9	10.9	10.9	11.0	10.8	10.9	10.6	
1971 1/	11.0	10.8	10.8	10.8	10.8	11.0	11.0	11.0						
1972														
1973														
	Yield of meal per bu. crushed													
1958	47.2	46.9	46.5	47.0	47.6	47.1	47.2	47.1	47.5	47.7	48.1	47.3	47.3	
1959	47.1	46.5	46.5	46.7	46.4	46.2	46.0	46.4	46.3	46.8	46.7	46.9	46.5	
1960	46.8	46.7	47.0	47.1	47.2	46.9	47.0	46.9	46.6	47.1	47.3	47.0	47.0	
1961	47.3	46.7	46.9	47.1	46.9	47.2	46.9	47.0	47.2	47.2	47.4	47.5	47.1	
1962	47.5	46.6	47.0	46.7	47.0	46.9	46.7	46.8	47.0	47.1	47.0	47.2	46.9	
1963	46.9	47.7	47.7	47.6	47.9	47.9	47.9	47.6	48.3	48.5	49.1	49.0	48.0	
1964	48.3	47.5	47.8	47.8	47.7	47.7	48.1	47.6	47.6	47.5	47.7	48.0	47.7	
1965	47.6	46.5	47.8	47.5	47.5	47.6	47.5	47.4	47.4	47.9	47.6	48.1	47.5	
1966	48.3	47.4	47.3	47.6	47.8	47.8	47.9	47.5	47.6	47.7	47.7	48.1	47.7	
1967	46.0	47.4	48.2	47.8	47.8	47.8	47.8	47.7	47.6	47.7	47.7	47.0	47.7	
1968	48.2	47.1	47.3	47.3	47.2	47.2	47.4	47.4	47.2	47.5	47.5	48.3	47.4	
1969	47.7	47.1	47.1	47.5	46.9	47.2	47.4	47.4	47.4	47.5	47.6	47.6	47.4	
1970 1/	47.7	47.1	47.1	47.2	47.2	47.2	47.4	47.2	47.4	47.3	47.3	47.8	47.4	
1971 1/	47.9	47.2	47.1	47.2	47.2	47.5	47.5	47.4						
1972														
1973														
	Exports													
	-- Million bushels --													
1958	1.6	12.1	15.8	10.7	9.3	8.4	5.0	9.4	9.2	8.9	9.8	5.2	105.0	
1959	6.7	17.1	20.4	18.1	10.3	7.7	7.2	8.1	14.4	11.8	9.2	13.9	139.9	
1960	8.2	14.1	22.7	20.6	9.1	10.2	8.5	7.7	11.4	7.7	7.7	7.0	134.7	
1961	3.6	20.7	13.6	16.5	10.9	10.3	11.0	11.7	12.7	11.9	8.1	8.4	149.4	
1962	7.3	22.4	27.4	18.7	3.7	19.3	14.4	11.6	15.6	14.4	14.3	11.8	180.5	
1963	7.2	19.8	21.3	21.8	17.0	16.1	13.6	17.6	14.0	15.0	11.9	13.7	187.2	
1964	11.1	29.5	27.4	24.4	2.9	11.3	25.0	17.6	16.6	16.1	17.4	11.7	212.2	
1965	4.8	32.3	39.4	31.4	19.6	17.1	21.6	20.2	21.5	19.6	12.1	11.1	250.6	
1966	5.5	29.4	40.6	29.8	21.9	20.4	17.5	21.7	21.8	20.0	16.8	16.2	261.6	
1967	10.3	29.7	39.9	27.7	21.8	18.8	24.1	21.6	20.1	18.7	17.1	17.3	266.6	
1968	13.9	32.8	50.0	38.5	1.2	11.4	36.6	34.3	23.8	14.0	18.2	12.1	286.8	
1969	13.3	52.5	53.7	39.9	28.7	31.6	39.2	41.2	37.1	38.5	25.2	31.6	432.6	
1970 1/	29.9	44.0	45.3	46.9	35.1	33.0	35.1	52.8	30.2	34.9	34.4	31.3	433.2	
1971 1/	29.2	29.4	47.4	50.7	42.4	46.5	31.3							
1972														
1973														
	Average price per bu. received by farmers, United States 2/													
	-- Dollars --													
1958	1.98	1.93	1.89	1.97	2.02	2.05	2.07	2.10	2.13	2.09	2.05	1.98	2.00	
1959	1.90	1.92	2.00	1.99	2.01	1.99	1.99	3.02	2.00	1.97	1.97	1.99	1.96	
1960	1.97	1.94	1.96	1.98	2.23	2.48	2.68	3.02	2.96	2.60	2.48	2.49	2.13	
1961	2.34	2.20	2.27	2.30	2.32	2.32	2.34	2.38	2.35	2.34	2.35	2.33	2.28	
1962	2.25	2.43	2.50	2.41	2.35	2.41	2.50	2.45	2.47	2.48	2.44	2.45	2.34	
1963	2.44	2.56	2.66	2.58	2.65	2.57	2.55	2.45	2.36	2.35	2.34	2.35	2.51	
1964	2.51	2.37	2.37	2.71	2.73	2.81	2.85	2.85	2.72	2.74	2.69	2.53	2.62	
1965	2.35	2.35	2.36	2.48	2.67	2.77	2.71	2.78	2.90	3.04	3.37	3.49	2.54	
1966	2.97	2.78	2.80	2.82	2.77	2.71	2.74	2.71	2.69	2.71	2.66	2.56	2.75	
1967	2.53	2.43	2.43	2.48	2.53	2.57	2.57	2.56	2.58	2.54	2.52	2.51	2.49	
1968	2.40	2.40	2.40	2.46	2.46	2.46	2.48	2.51	2.52	2.52	2.52	2.51	2.43	
1969	2.28	2.23	2.23	2.30	2.35	2.40	2.40	2.48	2.52	2.60	2.72	2.64	2.35	
1970 1/	2.66	2.77	2.85	2.77	2.85	2.92	2.91	2.80	2.85	2.98	3.18	3.09	2.85	
1971 1/	2.25	2.56	2.82	2.92	2.92	3.00	3.22	3.37					3.01	
1972														
1973														

1/ Preliminary. 2/ Season average price includes an allowance for unredeemed loans and purchase agreement deliveries by States.

Table 100.--Estimated number of soybean oil mills and processing capacity in the United States, 1951-71

Year beginning September	Processing mills ^{1/}	Annual processing capacity				Average per mill	
		Total ^{2/}	Utilized ^{3/}	Excess ^{4/}	Ratio of utilized to total	Processing capacity	Capacity utilized ^{3/}
		Number	Mil. bu.	Mil. bu.	Mil. bu.	Percent	Mil. bu.	Mil. bu.
1951	193	310	244	66	79	1.6	1.3
1952	174	(315)	234	81	74	1.8	1.3
1953	159	(320)	218	102	68	2.0	1.4
1954	162	(340)	241	99	71	2.1	1.5
1955	152	(355)	282	73	79	2.3	1.9
1956	145	370	314	56	85	2.6	2.2
1957	141	450	351	99	78	3.2	2.5
1958	131	450	399	51	89	3.4	3.0
1959	123	500	394	106	79	4.1	3.2
1960	125	525	406	119	77	4.2	3.2
1961	131	(535)	431	104	81	4.1	3.3
1962	130	550	473	77	86	4.2	3.6
1963	132	575	437	138	76	4.4	3.3
1964	125	585	479	106	82	4.7	3.8
1965	125	600	537	63	89	4.8	4.3
1966	129	650	559	91	86	5.0	4.3
1967	135	750	576	174	77	5.5	4.3
1968	134	750	606	144	81	5.6	4.5
1969	132	800	737	63	92	6.1	5.6
1970 ^{5/}	130	875	760	115	87	6.7	5.8
1971 ^{5/}	125	900					

^{1/} Estimates developed from Census data and trade directories. Includes cottonseed and other oilseed mills that process significant quantities of soybeans. ^{2/} Trade estimates 1958 to date (except 1961). Data in brackets are USDA interpolations. ^{3/} Soybeans actually crushed. ^{4/} Difference between total capacity and soybeans utilized (crushed). ^{5/} Preliminary.

Table 101.--Soybeans: Value of products per bushel of soybeans processed and price spread, 1949-70

Year beginning September	Value of products per bushel							Soybean price		Spread between value of products and soybean price		
	Soybean oil			Soybean meal				Total value	Received by farmers	No. 1 yellow, Illinois points	Received by farmers	No. 1 yellow, Illinois points
	Yield	Price ^{1/}	Value	Yield	Price ^{1/}	Value	Dollars					
	Pounds	Cents	Dollars	Pounds	Cents	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1949	9.9	12.0	1.19	46.9	3.28	1.54	2.73	2.16	2.50	.57	.23	
1950	9.7	17.9	1.74	46.8	3.16	1.48	3.22	2.47	2.95	.75	.27	
1951	10.0	11.6	1.16	46.7	4.07	1.90	3.06	2.73	2.96	.33	.10	
1952	10.8	12.0	1.30	47.3	3.52	1.66	2.96	2.72	2.83	.24	.13	
1953	11.0	13.0	1.47	47.4	3.90	1.85	3.32	2.72	3.24	.60	.08	
1954	10.9	12.2	1.33	45.9	3.06	1.40	2.73	2.46	2.60	.27	.13	
1955	11.1	12.5	1.39	46.0	2.68	1.23	2.62	2.22	2.51	.41	.11	
1956	10.9	12.7	1.38	47.5	2.36	1.12	2.50	2.18	2.33	.32	.17	
1957	10.8	11.0	1.19	46.8	2.64	1.24	2.43	2.07	2.20	.36	.23	
1958	10.6	9.6	1.02	47.3	2.82	1.33	2.35	2.00	2.12	.35	.23	
1959	11.0	8.3	.91	46.5	2.77	1.29	2.20	1.96	2.07	.24	.13	
1960	11.0	11.2	1.23	47.0	3.00	1.41	2.64	2.13	2.53	.51	.11	
1961	10.9	9.7	1.06	47.1	3.11	1.46	2.52	2.28	2.41	.24	.11	
1962	10.7	8.8	.94	46.9	3.57	1.67	2.61	2.34	2.50	.27	.11	
1963	10.9	8.4	.92	48.0	3.56	1.72	2.64	2.51	2.59	.13	.05	
1964	10.9	11.2	1.22	47.7	3.48	1.66	2.88	2.62	2.81	.26	.07	
1965	10.7	11.8	1.26	47.5	4.02	1.91	3.17	2.54	2.91	.63	.26	
1966	10.7	10.4	1.11	47.7	3.98	1.90	3.01	2.75	2.86	.25	.15	
1967	10.6	8.6	.91	47.7	3.82	1.82	2.73	2.49	2.61	.24	.12	
1968	10.6	8.2	.87	47.4	3.76	1.78	2.65	2.43	2.54	.22	.11	
1969	10.6	11.0	1.17	47.4	3.89	1.84	3.01	2.35	2.53	.66	.48	
1970 ^{2/}	10.8	12.8	1.38	47.4	3.96	1.88	3.26	2.85	3.00	.41	.26	

^{1/} Simple average price per pound using the following quotations: Soybean oil, crude, tank cars, f.o.b. Decatur; soybean meal, bulk, Decatur, quoted as 41 percent prior to July 1950, 44 percent beginning July 1950. ^{2/} Preliminary.

Table 102.--Estimated number of soybean oil mills in the United States, by Regions and States, 1951-1970 ^{1/}

Region and State	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Corn Belt:																				
Illinois	31	29	31	33	31	30	25	23	23	19	19	17	17	15	16	16	16	14	13	12
Iowa	30	26	29	31	26	25	23	23	23	22	22	22	22	19	19	19	20	18	18	16
Indiana	10	9	10	9	10	8	6	6	5	4	5	5	5	5	5	5	5	5	5	5
Ohio	14	13	12	10	8	8	9	9	7	7	7	7	5	5	5	5	5	5	5	4
Missouri	9	7	7	7	6	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
Total mills	94	84	89	90	81	75	67	65	60	56	57	55	53	49	48	48	49	45	44	40
% of U.S.	49	48	56	55	53	52	47	50	49	45	44	42	40	39	38	37	36	34	33	31
Lake and Plains:																				
Minnesota	7	7	9	5	8	8	9	8	7	7	8	8	9	7	7	7	7	7	7	7
Kansas	6	4	6	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
Nebraska	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	4	5	4	3
Total mills	16	14	18	16	14	14	14	13	12	12	14	15	16	14	14	14	15	16	15	14
% of U.S.	8	8	11	10	9	10	10	10	10	10	11	12	12	11	11	11	11	12	12	11
Total Central States	110	98	107	106	95	89	81	78	72	68	71	70	69	63	62	62	64	61	59	54
% of U.S.	57	56	67	65	62	62	57	60	59	55	54	54	52	50	49	48	47	46	45	42
Delta:																				
Arkansas	10	10	5	5	7	7	7	7	6	7	7	7	8	7	8	8	10	11	11	11
Mississippi	13	12	5	8	9	9	9	9	10	11	11	11	11	11	11	13	15	15	15	15
Louisiana	3	3	3	3	3	3	3	2	2	1	1	1	2	2	2	2	2	3	3	4
Total mills	26	25	13	16	19	19	19	18	18	19	19	19	21	20	21	23	27	29	29	30
% of U.S.	13	14	8	10	13	13	14	14	15	15	15	15	16	16	17	18	20	21	22	23
Atlantic:																				
North Carolina	13	13	3	6	7	7	6	5	5	6	6	6	6	6	6	7	6	6	6	7
South Carolina	7	3	2	3	3	3	3	3	3	4	5	5	6	7	7	8	8	8	7	7
Virginia	3	3	3	3	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Maryland	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
Delaware	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total mills	24	20	9	13	12	12	10	9	10	13	14	14	15	16	16	18	17	17	16	17
% of U.S.	13	12	6	8	8	8	7	7	8	10	11	11	11	13	13	14	13	13	12	13
Other:																				
Georgia	6	6	3	2	2	2	4	3	3	3	3	3	3	3	2	3	3	4	5	5
Florida	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0
Alabama	2	2	1	2	3	3	3	2	2	2	3	3	3	3	3	3	4	3	3	4
Tennessee	6	4	2	3	3	3	4	5	5	6	7	7	7	7	7	7	7	7	8	8
Kentucky	4	4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
Oklahoma	5	5	5	7	5	5	6	6	3	3	3	3	3	3	4	4	4	4	4	2
Texas	5	5	7	5	4	3	5	2	2	2	2	2	2	2	3	3	4	5	5	5
California	4	4	8	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	2	3
Total mills	33	31	30	27	26	25	31	26	23	25	27	27	27	26	26	26	27	27	28	29
% of U.S.	17	18	19	17	17	17	22	20	18	20	21	21	21	21	21	20	20	20	21	22
United States	193	174	159	162	152	145	141	131	123	125	131	130	132	125	125	129	135	134	132	130

^{1/} Estimates developed mainly from Census data and trade directories. Includes cottonseed and other oilseed mills that process significant quantities of soybeans. The number of active mills fluctuates during any year due to new plants coming into operation, some mills becoming dormant (due to explosions, fires, strikes, etc.) and dismantling of older mills. The estimates shown here are approximations of the number of mills at the beginning of the marketing year.

Table 103--Soybean oil mills 1/: Number of companies and plants, concentration ratios, production and value of shipments for products, Census years, 1947-67

Census year	Companies	Establishments			Value of shipments		Concentration ratios 2/--				Primary product specialization: ratio 3/	Coverage ratio 4/		
		Total	With 20 employees or more	Number	Total	Average per establishment	Value of shipments accounted for by							
							largest companies	8 largest companies	20 largest companies	50 largest companies				
Number	Number	Number	Mil. dol.	Mil. dol.	Percent	Percent	Percent	Percent	Percent	Percent				
1947	105	133	N.A.	585.7	4.4	44	63	81	N.A.	96	80			
1954	55	88	69	826.4	9.4	41	64	89	N.A.	88	96			
1958	66	117	83	999.2	8.5	40	63	86	99+	87	94			
1963	68	102	71	1,473.4	14.4	50	70	88	99+	89	95			
1967	60	102	78	2,148.3	21.1	55	76	94	100	88	98			
Production														
Soybean oil						Soybean meal and other products								
Crude			Once-refined 5/			Inedible use		Cake and meal		Soy flour and grits		Lecithin	Millfeed (hull meal)	Other byproducts
Degummed	Not degummed	Total												
Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Thou. tons	Mil. lb.	Mil. lb.	Thou. tons	Mil. lb.				
1947	N.A.	N.A.	1,523	1,335	N.A.	4,178	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
1954	N.A.	N.A.	2,403	2,090	90	5,316	236	31	N.A.	N.A.	N.A.	N.A.		
1958	N.A.	N.A.	3,870	3,131	62	7,909	214	34	N.A.	N.A.	N.A.	N.A.		
1963	N.A.	N.A.	4,959	3,915	21	10,463	326	44	N.A.	N.A.	N.A.	136		
1967	3,891	2,119	6,011	4,975	6/	13,149	461	47	326	90				
Volume shipped														
1947	N.A.	N.A.	1,455	231	N.A.	3,964	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
1954	N.A.	N.A.	2,280	224	84	5,052	200	37	N.A.	N.A.	N.A.	N.A.		
1958	N.A.	N.A.	3,457	353	59	8,093	261	36	N.A.	N.A.	N.A.	N.A.		
1963	N.A.	N.A.	4,296	590	24	10,668	363	44	N.A.	N.A.	N.A.	137		
1967	3,046	1,992	5,038	603	6/	12,506	575	58	347	94				
Value of shipments														
Million dollars														
1947	N.A.	N.A.	316	58	N.A.	305	N.A.	N.A.	N.A.	N.A.	21			
1954	N.A.	N.A.	306	32	12	390	18	5	N.A.	N.A.	N.A.			
1958	N.A.	N.A.	379	43	4	467	15	5	N.A.	N.A.	N.A.			
1963	N.A.	N.A.	394	62	2	802	19	6	N.A.	N.A.	4			
1967	317	205	522	71	6/	1,064	38	6	15	12				

1/ SIC code 2092. Establishments primarily engaged in manufacturing soybean oil and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2096. 2/ The percentage consists of the sum of the value of shipments of the largest 4 companies (or 8, 20, or 50 companies), divided by the total value of shipments of the industry. 3/ Measures the extent to which plants classified in the industry specialize in making products regarded as primary to the industry; that is, value of shipments of primary products of plants in the industry is expressed as a ratio of the total shipments of all products made by these establishments. 4/ Measures the extent to which all shipments of primary products of an industry are made by plants classified in the industry, as distinguished from secondary producers elsewhere; that is, value of shipments of the primary products made by plants classified in the industry is expressed as a ratio of the total shipments of primary products made by all producers, both in and out of the specified industry. 5/ Oil treated by alkali or caustic wash. Shipments figures exclude amounts of refined oil which have been further processed by refineries by bleaching, deodorizing, and/or winterizing. Such oils are classified as shortening or cooking oils and are included in industry 2096, Shortening and Cooking Oils. 6/ Included with once-refined to avoid disclosing figures for individual companies.

SOURCE: Census of Manufactures. N.A.--Not available.

Table 104.--Soybeans: Price support operations, crop years 1950-71

Crop year	Production:	Price support operations					National average price support level			
		Owned by CCC on October 1	Under price support			Deliveries to CCC	Parity for price support	Support rate per bushel	Support rate as percent of parity	
			Loans	Purchase agreement	Total					Percent of crop
		Mli. bu.			Pct.	Mli. bu.	Dol.	Dol.	Pct.	
1950	299.2	1/	14.7	.2	15.0	5.0	1/	2.58	2.06	80
1951	283.8	1/	10.8	.4	11.1	3.9	.1	2.72	2.45	90
1952	298.8	1/	11.7	2.4	14.1	4.7	3.9	2.84	2.56	90
1953	269.2	2.0	30.3	1.4	31.8	11.8	1/	2.84	2.56	90
1954	341.1	1/	37.9	3.5	41.4	12.1	15.6	2.77	2.22	80
1955	373.7	6.6	27.5	2.6	30.1	8.1	1/	2.91	2.04	70
1956	449.3	1/	59.8	5.9	65.7	14.6	27.3	2.87	2.15	75
1957	483.4	5.2	71.6	18.9	90.6	18.7	44.5	2.98	2.09	70
1958	580.2	13.9	126.8	13.4	140.2	24.2	87.3	2.99	2.09	70
1959	532.9	2/44.2	45.3	7.1	52.4	9.8	3.9	2.90	1.85	64
1960	555.1	9.7	25.4	.2	25.6	4.6	---	2.91	1.85	64
1961	678.6	---	114.7	17.8	132.5	19.5	57.2	2.90	2.30	79
1962	669.2	3/42.5	66.6	2.2	68.8	10.2	1.2	2.90	2.25	78
1963	699.2	1.7	69.6	3.2	72.8	10.4	12.2	3.01	2.25	75
1964	700.9	3.0	28.6	---	28.6	4.1	1/	3.03	2.25	74
1965	845.6	.9	86.5	---	86.5	10.2	1/	3.03	2.25	74
1966	728.5	.9	153.5	---	153.5	16.5	26.4	3.20	2.50	78
1967	976.1	7.3	201.4	---	201.4	28.6	84.4	3.29	2.50	76
1968	1,103.1	4/29.4	340.3	---	340.3	30.8	170.1	3.40	2.50	73
1969	1,126.3	171.4	179.5	---	179.5	15.9	.2	3.63	2.25	62
1970	1,123.7	150.2	146.4	---	146.4	13.0	1/	3.71	2.25	61
1971 5/	1,169.4	2.5	167.2	---	167.2	14.3	---	3.83	2.25	59
1972								4.01	2.25	56

1/ Less than 50,000 bushels. 2/ Excludes 13.4 million bushels resealed in farm storage. 3/ Excludes 11.0 million bushels resealed in farm storage. 4/ September 1 beginning 1968. 5/ Preliminary.

Table 105.--Soybeans: Monthly average spot price spread between soybean prices and values of soybean oil and meal per bushel of soybeans processed, 1950-71 1/

Year beginning September	September	October	November	December	January	February	March	April	May	June	July	August	Annual average
1950	35	37	34	42	38	41	31	19	16	8	10	18	27
1951	27	30	11	-1	-7	-11	-15	5	16	15	11	39	10
1952	37	25	11	18	11	7	11	6	5	4	12	14	13
1953	24	23	5	8	5	1	-1	4	2	-2	10	21	8
1954	35	13	12	18	12	8	4	3	9	17	17	10	13
1955	31	26	14	7	5	10	12	2	-1	-4	12	12	11
1956	14	21	17	24	30	27	17	11	8	9	6	10	17
1957	34	19	11	5	7	13	23	34	27	19	48	23	23
1958	39	25	35	34	38	12	13	11	7	13	23	30	23
1959	22	26	14	15	17	10	3	9	6	14	11	11	13
1960	21	13	10	15	10	11	6	4	1	6	16	20	11
1961	30	14	13	15	14	7	8	7	6	6	6	17	11
1962	43	17	15	9	9	10	7	2	3	7	10	11	11
1963	1	8	5	2	2	1	1	---	3	8	13	6	5
1964	14	16	15	9	1	2	5	---	-4	-1	8	19	7
1965	45	51	51	27	36	27	9	11	9	13	15	25	26
1966	33	23	12	18	15	16	12	8	6	10	9	22	15
1967	32	11	12	7	8	14	11	7	6	9	13	16	12
1968	36	29	12	1	-1	4	9	4	5	7	6	22	11
1969	37	61	45	56	59	77	53	50	25	24	39	48	48
1970	47	45	36	38	25	16	15	6	10	22	26	23	26
1971	14	19	11	11	8	7							

1/ Spot spreads are calculated from simple average monthly cash prices using the following quotations: Soybean prices, No. 1 yellow, Illinois Points; soybean oil, crude, tank cars, f.o.b. Decatur, Ill.; soybean meal, bulk, 44% protein, Decatur Ill. These data do not reflect actual operating margins since prices are simple averages and do not take into account location differentials or actual purchases and sales of soybeans, soybean oil and soybean meal. 2/ Preliminary.

Table 106.--Soybeans: Quantity placed under CCC price support program and redeemed, by months, cumulative data, 1961-71 ^{1/}

Crop year	September	October	November	December	January	February	March	April	May	June	July	August	CCC takeover ^{2/}		
													Quantity	% of crop	
													Percent		
													Million bushels		
<u>1961/62</u>															
Loan entries	0.1	16.1	70.5	92.9	118.5	131.3	132.3	132.5	---	---	---	---	60.2	8.9	
Redemptions	---	---	0.1	0.5	2.3	5.7	11.7	20.5	37.6	45.0	47.1	47.5			
<u>1962/63</u>															
Loan entries	0.1	9.6	32.2	48.6	58.9	68.9	---	---	---	---	---	---	1.2	0.2	
Redemptions	---	---	0.1	0.5	5.3	10.1	15.9	23.5	32.0	40.2	51.7	63.6			
<u>1963/64</u>															
Loan entries	0.1	15.0	36.0	50.3	66.8	72.8	---	---	---	---	---	---	12.2	1.8	
Redemptions	---	---	0.1	0.4	1.8	2.9	5.5	11.3	17.6	23.5	32.9	43.8			
<u>1964/65</u>															
Loan entries	0.2	6.1	15.5	18.5	28.3	28.6	---	---	---	---	---	---	3/	---	
Redemptions	---	---	0.3	2.0	5.0	8.2	10.5	15.1	18.1	20.8	23.8	27.4			
<u>1965/66</u>															
Loan entries	---	14.6	48.2	67.3	85.2	86.1	86.4	86.5	---	---	---	---	0.1	---	
Redemptions	---	---	0.1	2.5	15.4	28.2	41.6	56.0	69.0	77.4	81.3	85.8			
<u>1966/67</u>															
Loan entries	0.7	37.5	90.8	116.5	135.7	144.1	147.5	149.0	149.7	150.3	150.4	152.0	26.1	1.9	
Redemptions	---	---	0.1	1.7	5.9	13.5	29.1	41.4	55.4	75.1	96.4	116.9			
<u>1967/68</u>															
Loan entries	0.1	47.5	105.9	158.3	183.4	189.6	193.0	194.4	195.3	197.0	199.1	199.4	83.5	6.3	
Redemptions	---	3/	3/	0.5	5.3	16.3	25.7	36.3	50.0	61.6	76.1	89.8			
<u>1968/69</u>															
Loan entries	0.1	61.9	187.1	256.1	307.6	323.3	331.3	334.2	334.8	335.5	336.4	336.8	166.4	12.0	
Redemptions	---	3/	0.1	0.5	4.4	14.9	29.0	48.7	71.4	94.1	111.4	124.1			
<u>1969/70</u>															
Loan entries	3/	30.3	98.0	137.8	172.4	175.9	178.2	179.4	179.5	179.6	179.6	179.6	.2	---	
Redemptions	3/	3/	.2	1.2	9.6	30.9	60.9	93.1	114.6	161.6	167.3	171.7			
<u>1970/71 ^{4/}</u>															
Loan entries	0.1	23.4	64.5	114.1	140.1	143.4	145.3	146.1	146.4	146.5	146.5	146.5	3/	---	
Redemptions	---	3/	0.3	.7	6.6	19.3	40.2	56.2	69.6	130.3	136.1	143.4			
<u>1971/72 ^{4/}</u>															
Loan entries	1.0	41.8	101.2	140.4	164.0	167.2	168.0	168.2							
Redemptions	---	3/	.2	.9	9.1	26.2	67.9	97							
<u>1972-73</u>															
Loan entries															
Redemptions															

^{1/} Data include farm-stored and warehouse-stored loans and purchase agreements. ^{2/} Includes "resell" soybeans. ^{3/} Less than 50,000 bushels. ^{4/} Preliminary.

Table 107.--Soybeans: CCC price support operations and resale programs, 1958-71

Crops	Quantity put under price support					CCC acquisitions								
	Warehouse stored	Farm stored	Total quantities under loan	Purchase agreements made	Total under price support	Warehouse stored	Farm stored	Total loans	Purchase agreement delivered	Total	Resale loan	Total acquisitions		
-- Million bushels --														
1958	74.1	52.7	126.8	13.4	140.2	57.2	15.5	72.7	1.2	73.9	13.4	87.3		
1959	19.5	25.8	45.3	7.1	52.4	2.8	1.1	3.9	1/	3.9	No program	3.7		
1960	9.0	16.4	25.4	0.2	25.6	1/	1/	1/	1/	1/	No program	1/		
1961	60.3	54.4	114.7	17.8	132.5	43.3	12.9	56.2	1.0	57.2	3.0	60.2		
1962	35.4	31.2	66.6	2.8	69.4	1.1	0.1	1.2	1/	1.2	No program	1.2		
1963	33.2	36.5	69.6	3.2	72.8	11.8	.4	12.2	1/	12.2	1/	12.2		
1964	14.8	13.8	28.6	---	28.6	1/	1/	1/	---	1/	No program	1/		
1965	50.2	36.3	86.5	---	86.5	1/	1/	0.1	---	0.1	No program	0.1		
1966	80.2	72.9	153.5	---	153.5	7.4	.5	7.9	1/	7.9	18.5	26.4		
1967	110.7	90.7	201.4	---	201.4	30.9	9.5	40.4	---	40.4	44.0	84.4		
1968	192.3	148.0	340.3	---	340.3	100.3	36.6	136.9	---	136.9	33.2	170.1		
1969	77.8	101.7	179.5	---	179.5	.2	1/	.2	---	.2	---	.2		
1970	63.8	82.6	146.4	---	146.4	1/	1/	1/	---	1/	No program	1/		
1971 2/	77.9	90.1	167.2	---	167.2	1/	1/	1/	---	1/	No program	1/		
1972														
Resale (Loan extensions on farm-stored soybeans)														
State	1958 crop		1961 crop		1963 crop		1966 crop		1967 crop 3/		1968 crop		1969 crop	
	Quantity put under resale	Quantity delivered	Quantity put under resale	Quantity delivered	Quantity put under resale	Quantity delivered	Quantity put under resale	Quantity delivered	Quantity put under resale	Quantity delivered	Quantity put under resale	Quantity delivered	Quantity put under resale	Quantity delivered
-- Million bushels --														
Arkansas	---	---	---	---	---	---	---	---	3.0	1.0	5.4	3.9	1/	
Illinois	0.9	0.9	0.6	---	0.9	0.6	0.2	3.8	3.1	3.8	1.6	1/		
Indiana	.2	.2	.2	---	.4	.4	.1	1.2	1.0	1.0	1/	1/		
Iowa	7.0	6.9	5.5	2.6	4.7	11.3	8.9	27.1	20.2	35.6	14.8	2.5		
Minnesota	4.1	4.1	3.3	0.2	3.2	8.6	7.6	18.5	12.5	13.8	5.4	1.2		
Missouri	.3	.2	.6	---	.6	1.0	.1	3.8	3.0	6.1	2.4	1/		
Nebraska	.4	.4	.4	.1	.2	1.1	1.0	1.2	1.0	1.4	1/	1/		
North Dakota	.2	.2	.1	---	1/	.3	.5	0.3	1/	1/	1/	1/		
Ohio	.1	.1	.2	---	.3	.3	.5	2.1	1.2	3.0	1.5	1/		
South Dakota	.2	.2	.1	---	.1	.4	.5	0.4	1/	1.2	1.0	1/		
Kansas	.1	.1	.3	---	.1	.2	.5	.4	1/	2.2	1.6	---		
Texas	---	---	---	---	---	---	---	1.0	1.0	1.9	1.0	1/		
Other States	.1	.1	.1	.1	.2	.2	.1	1.3	---	1/	1/	1/		
U.S. Total	13.6	13.4	11.4	3.0	10.7	1/	3/24.2	18.5	64.1	44.0	75.4	33.2	5.5	1/

1/ Less than 50,000 bushels. 2/ Preliminary. 3/ Resale program for on-farm storage and commercial storage beginning 1967.

SOURCE: ASCS Operating Records.

Table 108.--Soybean oil: Supply, disposition, oil equivalent of exports of soybeans, and price, 1949-71

Year beginning October	Supply			Disposition				Soybeans (oil equivalent of exports) 1/ Million pounds	Price per pound (tank cars)	
	Production	Stocks, October 1	Total	Exports	Shipments to U.S. Territories	Domestic disappearance			Crude, Decatur	Refined, N.Y.
-- Million pounds --						Pounds		-- Cents --		
1949	1,937	113	2,050	291	---	1,646	10.9	128	12.3	---
1950	2,454	113	2,567	490	---	1,906	12.4	272	17.8	21.5
1951	2,444	171	2,615	271	---	2,150	13.7	167	11.3	14.1
1952	2,536	194	2,730	93	---	2,462	15.5	320	12.1	14.8
1953	2,350	174	2,525	71	---	2,326	14.4	435	13.5	16.2
1954	2,711	127	2,838	50	---	2,609	15.9	666	11.9	14.8
1955	3,147	179	3,322	556	---	2,539	15.2	741	12.5	15.5
1956	3,431	227	3,658	807	---	2,565	15.0	939	12.7	15.5
1957	3,800	286	4,085	804	---	3,051	17.6	939	10.8	15.4
1958	4,251	2/281	4,532	930	---	3,304	18.8	1,209	9.5	13.7
1959	4,338	298	4,636	953	---	3,376	18.8	1,552	8.3	11.8
1960	4,420	308	4,728	3/721	---	3,329	18.2	1,431	11.3	10.4
1961	4,790	677	5,467	3/1,308	---	3,540	19.0	1,685	9.5	13.6
1962	5,091	618	5,709	3/1,165	---	3,624	19.2	1,984	9.5	11.7
1963	4,822	920	5,742	3/1,106	---	4,058	21.2	2,103	8.9	11.1
1964	5,146	578	5,724	3/1,340	17	4,069	21.0	2,265	8.5	10.7
1965	5,800	297	6,097	923	25	4,687	23.9	2,764	11.3	13.4
1966	6,076	462	6,538	1,077	28	4,837	24.4	2,930	11.8	13.6
1967	6,032	596	6,628	953	30	5,096	25.4	2,972	10.1	12.4
1968	6,531	540	7,071	870	29	5,756	28.4	3,148	8.4	10.5
1969	7,904	415	8,319	1,420	29	6,328	30.9	4,941	8.4	10.4
1970 4/ 1971 3/ 1972	8,265	543 773	8,808	1,742	40	6,253	30.3	4,757	11.2	13.1

1/ Calculated at 11.0 pounds of oil per bushel. 2/ Adjusted to new Census basis which includes hydrogenated oils and stearin. 3/ Includes estimates of foreign donations of fats and oils, not reported by Census, 1960-64. 4/ Preliminary.

Table 109.--Soybean oil: Utilization, by products, 1949-70

Year beginning October	Food					Non-Food					Total domestic disappearance		
	Shortening	Margarine	Cooking and salad oils 1/	Other edible	Total	Paint and varnish	Resins and plastics	Other drying oil products	Linoleum and oilcloth	Other inedible 2/		Feeds and loss	
-- Million pounds --													
1949	776	265	288		1,329	112	---	---	30	97	78	317	1,646
1950	795	459	344		1,599	91	62	11	7	50	87	308	1,906
1951	800	583	404		1,786	109	68	11	19	60	97	364	2,150
1952	879	735	462		2,077	155	61	9	12	42	106	386	2,462
1953	905	661	437		2,002	138	56	7	7	32	84	324	2,326
1954	979	741	545		2,264	138	71	11	2	15	107	344	2,609
1955	803	725	668		2,196	115	71	9	3	39	107	344	2,539
1956	764	836	627		2,227	117	72	5	1	31	107	337	2,565
1957	993	1,041	665	77	2,726	103	54	9	---	28	132	325	3,051
1958	1,136	1,082	680	77	2,960	102	66	6	---	37	133	343	3,304
1959	1,183	1,114	680	23	3,000	101	74	4	---	48	147	375	3,376
1960	1,097	1,073	793	26	2,989	96	64	4	1	36	139	340	3,329
1961	1,353	1,036	771	20	3,180	88	74	4	---	43	151	359	3,540
1962	1,222	1,069	933	15	3,239	50	78	6	---	48	163	385	3,624
1963	1,391	1,126	1,146	21	3,684	97	84	6	---	42	146	374	4,058
1964	1,404	1,107	1,100	32	3,643	94	105	5	---	57	165	426	4,069
1965	1,739	1,241	1,200	38	4,218	100	104	6	---	53	206	469	4,687
1966	1,691	1,273	1,353	58	4,375	96	97	7	---	61	201	462	4,837
1967	1,816	1,234	1,494	44	4,588	86	97	7	---	59	259	508	5,096
1968	1,978	1,290	1,967	36	5,271	87	94	7	---	61	236	485	5,756
1969	2,255	1,415	2,150	37	5,857	94	79	7	---	48	243	471	6,328
1970 3/ 1971	2,077	1,381	2,288	34	5,780	82	65	6	---	52	267	472	6,253

1/ Adjusted for exports of refined and further processed salad oil. Prior to January 1965 no adjustment made for exports of undeodorized hydrogenated oil. 2/ Includes soap, fatty acids and other miscellaneous. 3/ Preliminary.

Table 110.--Soybean oil: Supply and disposition, and oil equivalent of export of soybeans, 1950-71

Year	Supply			Disposition			Price per pound (tank cars)		
	Production	Stocks, Jan. 1	Total	Exports	Shipments to U.S. Territories	Domestic disappearance	Soybeans, oil equivalent of exports	Crude, Decatur	Refined, N.Y.
-- Million pounds --									
1950	2,075	150	2,225	300	2	1,769	187	14.0	21.5
1951	2,473	154	2,627	504	---	1,842	241	15.8	23.2
1952	2,478	281	2,759	222	---	2,253	245	11.0	17.7
1953	2,516	237	2,753	45	---	2,395	440	12.4	15.1
1954	2,378	208	2,586	77	---	2,344	470	13.3	16.0
1955	2,327	176	2,503	134	---	2,350	745	11.6	14.4
1956	2,200	218	2,418	679	---	2,306	752	13.2	16.1
1957	3,374	233	3,708	685	---	2,817	625	12.2	15.0
1958	3,343	405	4,348	873	---	2,153	924	13.2	17.2
1959	4,344	324	4,688	889	---	3,271	1,347	9.0	11.2
1960	4,332	507	4,899	1/1,068	---	3,772	1,627	8.8	10.8
1961	4,462	470	4,911	1/1,270	---	3,384	1,469	11.5	13.7
1962	4,889	850	5,749	1/1,475	---	3,840	1,770	9.0	11.2
1963	5,053	734	5,787	1/1,110	---	3,563	1,922	8.9	11.1
1964	4,944	1,024	5,968	1/1,292	---	4,131	2,325	9.2	11.4
1965	5,236	544	5,780	1/1,220	22	4,163	2,504	11.2	13.4
1966	5,311	375	5,686	1/1,389	77	4,294	2,729	11.6	13.6
1967	5,150	511	5,661	1,133	30	4,314	2,308	9.6	11.8
1968	6,150	663	6,813	922	27	5,245	3,213	8.2	10.2
1969	6,304	589	7,393	884	31	5,954	3,422	4.1	11.0
1970 2/	8,084	517	8,401	1,502	23	6,312	4,342	12.0	13.8
1971 2/	6,482	744	7,226	1,727	37	5,260	4,300	12.1	14.3
1972		802							
1973									

1/ Includes estimates of foreign donations. 2/ Preliminary.

Table 111.--Soybean oil: Utilization, by products, 1950-71

Year	Food					Nonfood								Total domestic disappearance	
	Shortening	Margarine	Cooking: and salad oils	Other	Total	Soap	Paint and varnish	Linoleum and oilcloth	Resins	Other	Total	Feeds and less	Other		Total
-- Million pounds --															
1950	841	212	293		1,346	2	117	29	45	22	214	20	25	223	1,749
1951	731	473	341		1,545	2	88	12	82	14	194	34	26	206	1,842
1952	841	653	408		1,911	2	220	17	62	9	209	104	73	286	2,299
1953	903	720	498		2,128	1	161	11	61	9	242	101	24	267	2,495
1954	918	665	419		2,002	1	149	7	56	5	209	50	11	211	2,340
1955	930	746	643		2,309	1	136	---	78	12	227	108	7	241	2,550
1956	792	752	621		2,165	1	114	4	63	4	164	107	49	211	2,617
1957	796	874	624		2,294	1/	109	---	75	7	190	137	23	221	2,617
1958	1,055	1,070	699		2,824	1/	101	---	48	9	158	133	40	226	3,153
1959	1,143	1,004	52	2	2,912	1/	107	---	77	4	184	135	40	250	3,271
1960	1,149	1,175	710	27	3,011	1/	100	---	67	4	171	144	46	260	3,372
1961	1,160	1,052	798	22	3,041	---	95	---	65	3	153	141	30	244	3,384
1962	1,352	1,058	934	21	3,377	---	81	---	75	5	176	157	44	265	3,640
1963	1,228	1,049	965	14	3,253	---	92	---	80	---	178	143	49	269	3,642
1964	1,388	1,139	1,190	22	3,739	---	94	---	90	4	188	155	49	392	4,131
1965	1,471	1,112	1,125	35	3,743	---	96	---	105	7	208	155	48	421	4,163
1966	1,734	1,294	1,120	47	4,295	---	103	---	104	7	214	209	60	483	4,780
1967	1,741	1,243	1,124	52	4,360	---	91	---	93	7	191	213	54	467	4,833
1968	1,842	1,240	1,109	39	4,727	---	85	---	101	7	193	208	57	518	5,245
1969	2,101	1,332	2,018	35	5,486	---	94	---	90	6	191	233	45	278	5,954
1970 2/	2,182	1,410	2,214	38	5,844	---	85	---	77	6	168	247	52	299	6,312
1971 2/	2,047	1,403	2,013	7	5,470	---	82	---	71	4	169	257	46	295	5,260
1972															
1973															

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 112 --- Soybean oil: Supply, disposition and price, by months, crop years, 1958-71

Year beginning October	Production												Total or average
	October	November	December	January	February	March	April	May	June	July	August	September	
	--- Million pounds ---												
1958	353	351	360	386	355	381	366	386	355	344	319	297	4,251
1959	391	397	372	373	338	381	368	366	349	350	358	298	4,338
1960	391	404	414	426	378	381	353	377	353	345	334	253	4,420
1961	397	418	418	442	395	423	425	397	425	384	380	334	4,790
1962	409	452	450	436	413	452	385	444	422	414	427	346	5,091
1963	442	426	425	389	376	369	386	399	386	412	414	399	4,822
1964	482	468	465	463	408	448	416	448	406	403	408	330	5,146
1965	475	510	520	533	478	526	468	538	481	452	437	382	5,800
1966	522	512	512	535	476	503	512	531	528	512	493	470	6,076
1967	529	537	526	526	510	511	473	520	508	508	478	409	6,032
1968	379	584	647	524	475	579	538	582	541	546	527	512	6,531
1969	660	658	664	664	627	671	672	721	680	665	656	564	7,904
1970 1/	730	706	728	725	693	696	696	696	671	675	692	597	8,265
1971 1/	645	644	691	690	659	706	647	647	647	647	647	647	6,470
1972													
1973													
	--- Stocks, first of month ---												
1958	281	193	236	324	380	452	476	509	508	473	464	384	
1959	298	321	402	507	565	500	644	644	574	424	452	312	
1960	308	367	448	470	521	538	625	676	715	765	773	767	
1961	677	738	802	850	938	966	966	939	944	825	780	700	
1962	618	594	640	734	725	846	842	788	833	878	921	923	
1963	920	2/	935	1,024	1,011	1,000	981	912	862	815	759	666	
1964	578	578	533	544	587	606	614	578	573	522	499	423	
1965	297	373	431	375	415	444	486	522	582	550	598	511	
1966	462	458	488	511	568	585	536	603	639	597	636	694	
1967	596	575	575	663	688	695	712	747	706	743	743	695	
1968	540	541	563	589	526	518	611	596	624	597	563	552	
1969	415	471	492	517	552	559	561	632	716	651	678	671	
1970 1/	543	562	718	756	752	788	756	786	758	719	745	819	
1971 1/	773	726	809	802	763	847	801	985					
1972													
1973													
	--- Exports and shipments 3/ ---												
1958	76	20	70	88	10	49	57	112	53	155	103	135	930
1959	32	60	33	31	56	52	100	110	171	81	196	70	953
1960	42	78	111	75	44	14	66	29	91	64	74	22	721
1961	60	53	65	64	79	76	163	106	174	175	150	122	1,308
1962	63	85	97	18	46	163	196	104	78	86	88	143	1,165
1963	100	42	57	70	75	69	127	62	114	131	137	125	1,105
1964	110	118	158	70	74	156	108	108	108	96	137	117	1,357
1965	39	42	189	64	71	73	51	78	79	66	105	91	948
1966	35	49	114	48	87	145	70	106	146	105	51	130	1,105
1967	91	123	58	41	88	96	58	71	134	59	43	137	993
1968	81	66	116	61	61	40	105	58	132	37	37	101	899
1969	56	118	112	75	51	166	85	95	214	153	145	169	1,449
1970 1/	119	59	194	148	120	170	181	205	156	207	94	140	1,782
1971 1/	148	50	159	187	86	77	86						
1972													
1973													
	--- Domestic disappearance ---												
1958	365	288	201	241	273	308	277	275	338	197	296	248	3,304
1959	346	331	254	285	292	283	225	326	327	242	303	272	3,376
1960	292	246	281	300	317	280	246	309	211	272	268	309	3,329
1961	276	300	295	280	285	349	314	260	322	253	310	294	3,540
1962	362	349	250	446	246	292	245	295	299	266	337	206	3,624
1963	412	356	279	311	312	318	328	326	319	377	373	363	4,058
1964	360	410	296	351	315	285	344	345	340	331	347	338	4,059
1965	451	403	337	430	378	412	381	399	394	378	419	340	4,687
1966	459	408	379	460	372	406	375	399	424	368	385	437	4,837
1967	495	406	402	416	409	409	451	414	412	482	427	427	5,096
1968	519	518	526	526	460	445	448	497	475	462	501	548	5,756
1969	591	491	495	554	559	503	516	546	531	525	478	522	6,328
1970 1/	544	512	539	523	509	595	454	499	554	442	525	504	6,253
1971 1/													
1972													
1973													
	--- Price per pound, crude, tank cars, f.o.b., Decatur ---												
	--- Cents ---												
1958	10.2	10.4	9.5	9.5	9.3	9.3	9.3	9.4	9.5	9.2	9.3	9.1	9.5
1959	8.6	8.0	7.8	7.8	7.6	7.6	8.0	8.2	8.7	9.0	9.5	9.2	8.3
1960	9.4	10.2	10.0	10.9	12.2	11.0	11.3	12.7	11.6	10.9	10.5	11.1	9.5
1961	10.7	10.4	10.5	10.5	10.2	10.1	9.9	9.2	8.4	8.0	8.2	8.1	9.9
1962	8.7	8.6	8.6	8.9	9.2	9.3	9.1	9.2	9.1	9.0	8.3	8.5	8.9
1963	9.2	9.1	8.3	8	8.0	8.1	7.9	8.4	8.2	8.5	8.8	9.7	8.5
1964	10.9	12.2	12.0	11.6	12.1	12.2	12.1	10.4	10.2	10.0	10.5	11.4	11.3
1965	11.5	11.2	11.2	11.9	12.0	11.3	11.5	11.3	11.2	12.3	14.1	12.3	11.8
1966	10.9	10.8	10.6	10.3	10.3	10.3	10.3	9.8	9.1	9.6	9.3	10.1	10.1
1967	8.8	8.6	8.6	8.7	9.5	9.1	8.8	8.7	7.8	7.4	7.5	7.5	8.4
1968	7.3	7.9	8.1	8.6	8.9	8.8	8.4	8.4	7.8	8.2	8.9	9.7	8.4
1969	10.6	10.9	9.7	9.6	11.5	12.2	12.2	11.3	11.1	11.5	11.6	12.1	11.2
1970 1/	14.0	13.9	12.4	12.3	12.1	12.2	11.2	11.4	12.8	14.5	14.5	12.8	12.8
1971 1/	13.2	12.5	11.7	10.9	11.0	11.7	11.4						
1972													
1973													

1/ Preliminary. 2/ Not available by Census. 3/ 1961-64 includes estimates of foreign donations not reported by Census.

Table 113.--Soybean cake and meal: Supply, disposition and price, by months, crop years 1958-71

Year beginning October	Production												Total or average
	October	November	December	January	February	March	April	May	June	July	August	September	
-- 1,000 tons --													
1958	785.0	779.3	810.0	872.6	800.0	855.4	816.3	862.3	788.3	761.5	712.2	647.2	9,490.1
1959	822.5	848.6	795.1	791.9	714.9	800.1	771.2	759.2	733.8	733.4	752.5	629.2	9,152.4
1960	831.9	871.3	896.7	920.7	809.6	817.2	773.8	798.5	749.5	732.1	707.8	542.6	9,451.7
1961	852.9	902.7	911.9	951.5	857.4	915.1	856.9	910.7	808.9	824.3	816.5	723.1	10,341.9
1962	930.6	1,005.7	997.6	1,005.4	909.4	979.0	840.5	965.0	918.2	899.0	921.6	755.0	11,127.0
1963	955.7	939.5	933.1	862.4	827.4	810.1	840.4	877.4	850.4	916.0	910.7	875.8	10,608.9
1964	1,051.9	1,043.3	1,031.3	1,027.2	900.9	982.0	910.6	973.2	879.8	873.7	889.8	722.3	11,285.8
1965	1,024.1	1,153.6	1,163.1	1,192.3	1,073.3	1,172.2	1,039.8	1,189.2	1,071.3	999.5	971.2	851.4	12,901.0
1966	1,069.8	1,174.5	1,163.8	1,168.8	1,094.4	1,122.9	1,126.3	1,170.4	1,162.7	1,129.0	1,091.7	1,012.6	13,482.9
1967	1,193.0	1,245.1	1,209.5	1,222.1	1,162.6	1,155.3	1,063.6	1,161.9	1,133.3	1,136.4	1,054.9	922.2	13,659.9
1968	1,289.0	1,313.8	1,234.0	1,170.9	1,060.1	1,292.4	1,197.6	1,284.5	1,202.9	1,235.0	1,162.5	1,134.0	14,580.7
1969	1,460.4	1,460.3	1,408.2	1,475.0	1,388.9	1,489.4	1,481.1	1,597.8	1,511.5	1,490.4	1,474.5	1,273.0	17,596.5
1970 1/	1,574.3	1,560.4	1,606.0	1,605.4	1,431.6	1,507.4	1,505.4	1,510.5	1,445.5	1,474.3	1,520.6	1,303.8	18,035.2
1971 1/	1,404.9	1,408.7	1,519.4	1,507.1	1,430.8	1,520.1							
1972													

Year	Stocks, first of month											
	October	November	December	January	February	March	April	May	June	July	August	September
1958	48.1	65.0	78.4	52.8	65.2	87.7	90.7	104.5	155.9	159.1	121.7	101.6
1959	58.5	76.8	79.2	66.3	99.2	98.3	89.7	128.6	138.5	116.2	130.4	94.7
1960	82.8	97.1	116.1	106.1	133.9	168.6	186.1	225.2	204.0	210.7	179.8	179.8
1961	77.5	67.7	67.5	104.1	106.0	95.0	97.1	102.7	110.2	96.8	101.2	82.1
1962	92.6	75.3	71.5	96.3	107.4	85.5	131.5	106.1	121.4	153.0	127.6	159.2
1963	158.8	161.3	179.2	172.2	163.4	173.0	172.4	155.3	186.8	143.5	143.6	143.9
1964	121.6	135.2	142.1	121.9	208.6	220.6	222.6	217.0	265.4	229.6	194.8	169.3
1965	105.7	131.4	134.4	95.6	121.4	131.0	151.6	138.5	181.5	174.5	218.7	149.1
1966	131.6	149.0	146.1	136.1	151.5	128.6	101.6	163.4	129.5	144.0	167.6	131.7
1967	137.7	178.7	186.1	214.3	155.8	171.8	214.7	172.5	148.9	185.4	177.5	148.7
1968	145.1	155.7	154.4	197.2	228.4	216.5	184.8	181.3	193.6	168.1	178.4	176.3
1969	156.8	159.1	173.2	131.6	135.8	154.3	149.8	156.9	233.5	213.1	164.3	207.0
1970 1/	137.0	168.8	182.7	129.7	185.5	189.3	153.2	158.1	219.3	169.1	215.0	215.4
1971 1/	145.8	205.2	192.8	144.3	151.9	135.5	160.4					
1972												

Year	Exports and shipments												
	October	November	December	January	February	March	April	May	June	July	August	September	
1958	27.4	67.4	54.5	55.8	41.6	46.4	43.0	20.4	38.0	38.7	36.5	39.5	512.2
1959	57.1	76.9	122.0	62.8	54.4	38.9	29.8	37.8	44.5	31.9	44.8	47.8	688.7
1960	52.1	63.8	66.6	64.8	39.7	51.5	21.0	42.1	68.9	45.9	42.2	31.0	589.7
1961	60.5	130.3	80.4	82.7	109.8	102.0	94.6	97.1	89.6	76.7	87.1	52.9	1,063.7
1962	101.6	159.6	114.4	39.1	161.5	195.6	126.1	132.3	142.3	120.5	91.3	89.1	1,475.5
1963	92.5	154.3	142.5	78.3	111.7	79.1	99.8	125.5	133.6	144.9	162.3	158.1	1,478.4
1964	154.7	241.7	248.3	44.6	162.6	254.7	175.4	150.2	145.9	144.0	126.3	105.8	2,059.1
1965	147.8	308.5	344.8	259.6	273.9	235.5	224.3	172.4	130.6	179.4	145.8	145.8	2,656.1
1966	180.4	235.2	270.7	252.0	340.5	222.3	216.0	262.6	211.6	227.1	194.4	192.3	2,705.3
1967	199.5	221.8	323.3	303.7	151.5	264.9	203.7	293.6	239.4	255.9	279.4	169.9	2,959.8
1968	171.8	311.7	346.4	46.2	66.1	451.0	420.0	217.5	363.8	271.4	247.3	186.8	3,099.9
1969	296.2	369.9	416.6	376.8	301.1	316.4	394.0	308.5	328.7	411.4	295.2	287.3	4,102.1
1970 1/	215.7	440.0	362.3	440.9	314.1	419.9	389.5	349.7	364.3	416.9	349.7	491.4	4,620.6
1971 1/	165.6	305.2	587.4	395.5	436.5	368.8							
1972													

Year	Domestic disappearance												
	October	November	December	January	February	March	April	May	June	July	August	September	
1958	740.7	701.5	701.1	801.4	735.9	800.0	765.5	784.5	747.1	760.2	695.8	650.8	8,957.5
1959	747.1	759.3	806.0	696.2	661.4	769.8	702.5	721.5	711.7	687.3	743.4	593.3	8,479.5
1960	705.5	788.5	840.1	828.1	735.2	748.2	713.7	758.7	699.5	679.5	696.5	613.9	8,867.4
1961	802.2	721.1	794.9	876.9	758.6	811.0	756.7	806.1	732.7	743.2	748.5	658.7	9,262.1
1962	847.3	849.9	858.3	955.2	767.8	737.4	739.8	817.4	744.3	803.9	798.7	666.3	9,566.3
1963	370.7	767.3	797.6	792.9	704.1	731.6	757.7	720.4	760.1	771.0	748.1	746.0	9,167.7
1964	333.6	799.7	803.2	895.9	726.5	635.1	720.8	774.6	769.7	764.3	789.0	680.1	9,242.6
1965	850.8	842.9	846.1	904.9	791.8	916.1	809.6	921.9	905.9	824.7	861.4	723.1	10,219.1
1966	871.8	942.2	903.1	931.4	848.8	925.0	848.5	941.7	936.6	874.3	933.2	814.3	10,771.5
1967	922.5	1,015.9	958.0	976.9	895.1	947.4	902.1	891.9	857.4	888.4	842.0	764.9	10,692.6
1968	1,106.6	1,004.4	843.8	1,094.5	1,005.9	873.1	781.1	1,054.7	864.6	957.3	917.3	966.7	11,469.0
1969	1,157.9	1,076.3	1,123.2	1,094.0	1,069.3	1,177.5	1,080.0	1,212.7	1,201.2	1,127.8	1,136.6	1,055.7	13,514.2
1970 1/	1,256.8	1,100.5	1,295.7	1,108.7	1,213.7	1,123.6	1,101.0	1,109.6	1,131.4	1,011.5	1,170.5	882.0	13,406.0
1971 1/	1,182.9	1,115.9	1,000.5	1,102.0	1,014.7	1,126.4							
1972													

Year	Price per ton, 44% protein, bulk, Decatur												
	October	November	December	January	February	March	April	May	June	July	August	September	
-- Dollars --													
1958	50.50	54.75	60.90	63.25	54.75	55.10	55.90	55.40	54.80	58.50	54.25	51.75	55.80
1959	50.00	58.50	58.70	61.50	57.90	55.85	56.50	54.80	52.50	50.75	50.30	53.75	55.55
1960	48.95	44.50	51.25	55.20	61.50	64.45	73.10	71.00	63.85	65.00	68.90	59.60	60.60
1961	55.80	54.30	60.20	59.90	60.60	67.60	62.50	64.10	66.70	68.50	71.10	76.70	63.60
1962	69.00	70.60	70.50	71.97	73.10	70.80	68.30	68.10	70.40	72.00	75.20	71.30	71.30
1963	71.50	74.90	76.90	77.50	74.80	73.40	69.90	65.50	66.50	65.80	63.90	69.50	71.00
1964	69.20	66.10	67.80	68.00	69.80	63.50	69.30	63.40	74.60	74.40	69.60	76.80	70.20
1965	70.80	75.70	71.40	78.80	77.30	71.50	75.50	80.30	92.70	97.90	88.40	81.50	81.50
1966	82.20	78.90	84.60	81.70	79.50	76.60	74.50	73.70	78.10	78.20	78.70	79.20	78.80
1967	71.80	71.90	73.40	75.10	74.50	74.60	74.60	75.00	79.50	82.80	84.40	85.10	76.90
1968	78.20	73.60	71.60	69.80	69.90	76.60	73.30	76.10	77.50	77.30	76.90	72.70	74.10
1969	75.40	69.90	82.90	81.50	85.25	71.80	74.60	71.20	74.70	82.90	84.00	81.20	78.40
1970 1/	77.25	77.90	82.00	80.25	77.50	77.00	74.25	78.25	81.50	84.25	78.75	73.25	78.50
1971 1/	74.75	73.80	80.60	82.60	84.80	90.90							
1972													

1/ Preliminary.

Table 114.--Sunflower seed: Acreage, production, price, and crop value, Minnesota and North Dakota, 1962-71

Item	Unit	1962 1/	1963	1964	1965	1966	1967	1968	1969	1970	1971
Minnesota											
<u>Acreage planted</u>											
Oil variety	Th. acres	N.A.	N.A.	N.A.	N.A.	2/	43	34	33	37	69
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	51	34	52	55	93
Total	" "	N.A.	29	23	24	2/	94	68	85	92	162
<u>Acreage harvested</u>											
Oil variety	Th. acres	N.A.	N.A.	N.A.	N.A.	2/	41	33	30	35	66
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	50	31	47	51	89
Total	" "	N.A.	28	22	21	2/	91	64	77	86	155
<u>Yield per harvested acre</u>											
Oil variety	Pounds	N.A.	N.A.	N.A.	N.A.	2/	1,060	1,100	1,080	940	1,120
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	960	960	890	810	1,060
Total	" "	N.A.	1,100	680	800	2/	920	3/1,005	3/1,032	3/954	3/1,086
<u>Production</u>											
Oil variety	Th. tons	N.A.	N.A.	N.A.	N.A.	2/	21.7	18.1	16.2	16.4	37.0
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	24.0	14.9	20.9	20.7	47.1
Total	" "	N.A.	15.4	7.5	8.4	2/	45.7	33.0	37.1	37.1	84.1
<u>Price</u>											
Oil variety	Dol. per ton	N.A.	N.A.	N.A.	N.A.	2/	97	N.A.	77	80	88
Non-oil variety	" " "	N.A.	N.A.	N.A.	N.A.	2/	100	N.A.	97	102	114
Average	" " "	N.A.	83	82	94	2/	110	3/99	3/83	3/88	3/103
<u>Value of production</u>											
Oil variety	Th. dollars	N.A.	N.A.	N.A.	N.A.	2/	2,105	N.A.	1,247	1,312	3,252
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	2,400	N.A.	2,027	2,111	5,377
Total	" "	N.A.	1,278	613	790	2/	4,505	2,745	3,276	3,423	8,629
North Dakota											
<u>Acreage planted</u>											
Oil variety	Th. acres	N.A.	N.A.	N.A.	N.A.	2/	54	20	22	40	95
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	74	68	88	87	148
Total	" "		13	31	18	2/	127	88	110	127	243
<u>Acreage harvested</u>											
Oil variety	Th. acres	N.A.	N.A.	N.A.	N.A.	2/	52	20	22	38	93
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	73	67	86	83	144
Total	" "		12	30	18	2/	125	87	108	121	237
<u>Yield per harvested acre</u>											
Oil variety	Pounds	N.A.	N.A.	N.A.	N.A.	2/	1,125	1,132	1,095	950	1,090
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	1,014	1,000	850	920	960
Total	" "		980	970	600	2/	850	3/1,060	3/1,030	3/900	3/929
<u>Production</u>											
Oil variety	Th. tons	N.A.	N.A.	N.A.	N.A.	2/	29.1	11.2	12.1	18.0	50.7
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	37.1	33.6	36.5	38.2	69.1
Total	" "		6.1	14.6	5.4	2/	66.2	44.8	48.6	56.2	119.8
<u>Price</u>											
Oil variety	Dol. per ton	N.A.	N.A.	N.A.	N.A.	2/	90	77	81	85	88
Non-oil variety	" " "	N.A.	N.A.	N.A.	N.A.	2/	99	92	99	110	110
Average	" " "		110	87	83	2/	114	3/95	3/88	3/95	3/102
<u>Value of production</u>											
Oil variety	Th. dollars	N.A.	N.A.	N.A.	N.A.	2/	2,619	862	980	1,534	4,460
Non-oil variety	" "	N.A.	N.A.	N.A.	N.A.	2/	3,673	3,091	3,614	4,200	7,603
Total	" "		674	1,266	448	2/	6,292	4,594	4,594	5,734	12,063

1/ Data not available for Minnesota prior to 1963. 2/ No breakdown of varieties available prior to 1967.
3/ Weighted average. SOURCE: Minnesota and North Dakota Crop and Livestock Reporting Service.

Table 115.--Tall oil: Supply, disposition and price, 1950-71

Year	Supply			Disposition		Price per pound, tanks, works	
	Production	Stocks, Jan. 1	Total	Exports	Domestic disappearance	Crude	Refined
			-- Million pounds --		Cents		Cents
1950	310	59	369	36	287	2.1	---
1951	398	46	444	44	323	3.1	---
1952	313	77	389	35	270	2.8	---
1953	318	85	403	42	280	2.2	---
1954	357	81	438	61	331	2.0	---
1955	584	46	630	45	508	2.4	---
1956	665	74	739	44	599	2.9	---
1957	625	95	720	52	560	2.6	---
1958	701	103	810	37	651	2.8	---
1959	794	122	916	21	749	2.8	---
1960	789	146	935	53	1/807	2.8	---
1961	826	88	914	33	1/814	3.2	---
1962	880	107	987	27	1/859	3.5	---
1963	990	120	1,120	30	1/924	3.6	---
1964	1,104	189	1,293	34	1/1,066	3.6	---
1965	1,145	255	1,400	74	1/1,179	3.5	7.5
1966	1,242	299	1,541	105	1/1,322	3.2	7.5
1967	1,211	247	1,458	117	1/1,309	3.1	7.5
1968	1,239	172	1,411	96	1/1,288	3.4	7.5
1969	1,284	184	1,468	125	1/1,269	3.4	7.5
1970 2/	1,252	170	1,422	163	1/1,331	3.5	8.2
1971 2/	1,268	132	1,400	132	1/1,279	3.8	8.5
1972		158					
1973							

1/ Factory consumption used for years in which reported factory consumption exceeds calculated domestic disappearance. 2/ Preliminary.

Table 116.--Tall oil: Utilization, by products, 1950-71

Year	Drying-oil products					Total	Lubricants and similar oils	Fatty acids	Other	Fees and loss	Total domestic disappearance
	Soap	Paint and varnish	Linoleum and oilcloth	Resins	Other						
-- Million pounds --											
1950	13	20	16	8	26	70	---	172	---	32	287
1951	22	34	15	11	24	84	---	191	---	26	323
1952	15	32	13	15	27	87	---	160	---	8	270
1953	14	34	17	11	31	93	---	165	---	7	280
1954	12	40	29	20	27	116	---	189	---	13	331
1955	14	40	31	13	38	122	---	344	---	27	500
1956	17	48	31	28	39	146	---	396	---	80	599
1957	12	44	31	23	31	129	---	393	---	66	560
1958	12	37	27	24	23	111	---	443	---	86	651
1959	23	29	22	18	16	89	26	1/557	59	---	749
1960	15	35	17	12	22	86	24	674	9	---	2/807
1961	12	38	20	12	25	95	20	676	11	---	2/814
1962	10	42	22	10	30	104	15	720	10	---	2/859
1963	9	47	18	10	35	110	14	779	12	---	2/924
1964	8	46	17	9	31	111	19	925	12	---	2/1,066
1965	9	51	28	3/	37	125	16	1,023	15	---	2/1,179
1966	9	51	24	---	39	127	10	1,171	19	---	2/1,322
1967	8	50	19	3/	38	115	9	1,167	17	---	2/1,309
1968	9	52	15	1	41	118	10	1,144	16	---	2/1,288
1969	4	41	16	---	31	92	10	1,154	12	---	2/1,269
1970 1/	1	43	---	---	32	76	12	1,230	13	---	2/1,331
1971 1/	3	43	---	---	28	74	8	1,184	12	---	2/1,279
1972											
1973											

1/ Beginning in 1959 Census data indicates that the use of whole or crude tall oil in the distillation or fractionation process is reported as consumed in fatty acids, the use in the acid refining process is reported as consumed in "Refining". The production of refined tall oil includes the output of acid refined tall oil and distilled tall oil (containing less than 90 percent free fatty acids not including rosin acids). 2/ Factory consumption used for years in which reported factory consumption exceeds calculated domestic disappearance. 3/ Less than 500,000 pounds. 4/ Preliminary.

Table 117.--Tall oil: Supply, disposition and price, by months, calendar years, 1958-71

Year	Production												Total or average
	January	February	March	April	May	June	July	August	September	October	November	December	
-- Million pounds --													
1958	60	57	64	62	59	52	52	60	56	66	60	52	701
1959	63	64	69	73	71	66	58	65	62	70	70	63	794
1960	66	71	80	74	70	70	53	68	60	64	62	52	789
1961	62	66	76	72	77	72	58	68	65	74	70	66	826
1962	72	79	85	78	84	74	60	72	67	76	72	60	880
1963	83	78	95	84	90	82	71	84	73	87	86	78	990
1964	93	95	103	97	95	88	82	89	85	94	92	89	1,104
1965	95	96	105	98	98	89	89	99	90	98	98	90	1,145
1966	101	101	113	109	111	111	100	101	98	101	102	94	1,242
1967	107	104	116	106	107	107	95	97	86	97	97	91	1,242
1968	99	103	108	105	109	107	96	106	96	107	103	101	1,239
1969	111	109	121	115	116	108	97	105	100	102	102	96	1,284
1970 ^{1/}	106	102	118	118	110	107	93	96	90	105	107	99	1,252
1971 ^{1/}	108	107	127	108	111	114	96	95	94	106	106	97	1,268
1972	113	110	124										
1973													
Stocks, first of month													
1958	168	111	117	119	120	128	124	123	123	116	120	130	
1959	122	133	142	142	150	143	150	147	142	141	138	144	
1960	146	145	147	149	156	152	142	136	125	117	109	96	
1961	88	86	94	102	100	102	99	105	100	97	100	104	
1962	107	113	121	124	134	136	137	128	120	127	123	116	
1963	120	128	142	148	150	162	168	167	172	168	171	168	
1964	189	197	216	222	233	231	239	250	243	246	240	238	
1965	235	259	270	280	289	290	280	282	290	281	292	301	
1966	299	283	300	283	284	292	280	281	264	258	250	251	
1967	247	212	237	238	235	238	237	223	219	194	180	179	
1968	172	175	177	166	170	167	165	184	177	169	173	175	
1969	184	202	214	223	229	230	217	223	210	190	182	172	
1970 ^{1/}	170	159	158	171	175	164	170	176	155	140	133	131	
1971 ^{1/}	132	129	138	164	173	179	180	172	153	148	157	152	
1972	158	153	161	163									
1973													
Exports													
1958	4	4	5	2	1	4	4	1	4	1	1	6	37
1959	1	1	2	2	2	2	2	2	2	1	3	1	21
1960	5	6	4	5	6	5	4	3	4	4	4	4	53
1961	6	3	3	5	3	3	1	2	2	2	2	1	33
1962	2	2	2	2	2	2	2	2	2	2	2	2	27
1963	2	2	2	4	2	4	4	4	1	1	2	3	30
1964	3	3	3	3	2	3	3	3	3	4	3	3	34
1965	4	3	7	5	6	6	3	7	3	10	5	10	74
1966	5	5	18	6	9	12	6	8	4	9	4	14	106
1967	4	20	7	9	7	17	10	11	8	10	8	7	117
1968	6	10	8	7	12	6	5	12	8	5	9	9	98
1969	2	0	12	8	9	18	6	13	5	10	8	25	125
1970 ^{1/}	10	20	9	13	19	11	10	16	9	11	16	17	153
1971 ^{1/}	2	10	1	7	14	6	12	12	12	9	2	19	132
1972	22	10											
1973													
Domestic disappearance ^{2/}													
1958	53	47	58	59	56	53	51	60	59	57	49	64	651
1959	51	54	67	64	76	59	53	68	61	72	61	9	749
1960	62	63	74	62	67	75	56	74	70	72	63	6	794
1961	59	55	65	68	71	73	51	72	66	70	64	62	774
1962	64	69	81	65	79	70	67	77	58	78	77	54	839
1963	73	62	85	70	85	73	69	74	75	83	87	54	892
1964	82	73	96	82	95	78	68	93	73	96	90	69	1,003
1965	88	81	88	84	91	93	84	84	77	84	81	81	1,027
1966	112	78	112	103	94	111	92	110	97	99	98	84	1,189
1967	138	59	108	100	98	91	98	90	104	101	90	92	1,169
1968	90	94	109	95	99	103	72	102	96	97	92	82	1,130
1969	91	89	100	101	104	104	96	105	114	101	104	73	1,174
1970 ^{1/}	107	87	95	101	102	90	76	101	96	100	93	82	1,126
1971 ^{1/}	102	88	82	91	91	106	92	91	97	88	108		
1972	96	93	106										
1973													
Price per pound, crude, tanks, works													
-- Cents --													
1958	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
1959	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
1960	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
1961	3.00	3.00	3.00	3.19	3.25	3.30	3.25	3.25	3.25	3.25	3.25	3.30	3.19
1962	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
1963	3.50	3.50	3.50	3.50	3.50	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.57
1964	3.62	3.62	3.62	3.62	3.59	3.54	3.54	3.56	3.56	3.56	3.56	3.56	3.58
1965	3.56	3.56	3.56	3.56	3.55	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.52
1966	3.50	3.38	3.44	3.25	3.25	3.25	3.12	3.12	3.12	3.12	3.12	3.12	3.23
1967	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12
1968	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
1969	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
1970 ^{1/}	3.38	3.38	3.38	3.41	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.48
1971 ^{1/}	3.75	3.75	3.75	3.75	3.75	3.75	3.80	3.75	3.75	3.75	3.75	3.75	3.75
1972	3.75	3.75	3.75										
1973													

^{1/} Preliminary. ^{2/} Calculated domestic disappearance here is considerably less than reported factory consumption shown in tables 115 and 116.

Table 118.--Tung nuts: Supply, disposition, price, and oil produced, 1950-71

Year beginning November	Supply 1/			Disposition		Price per ton			Oil production 2/	
	Production	Imports	Total	Crushings 2/	Residual 3/	Season average received by growers	Support		Per ton crushed	Total
							Nuts	Oil		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	Pounds	Million pounds
1950	36.5	---	36.5	35.8	.7	111.00	63.00	502.00	343	12.3
1951	49.1	.1	49.2	48.5	.7	106.00	67.20	530.00	303	14.7
1952	132.1	.5	132.6	129.5	3.1	79.80	67.20	530.00	335	43.4
1953	120.0	---	120.0	112.6	7.4	66.80	63.38	478.00	352	39.6
1954	51.0	---	51.0	46.6	4.4	59.40	54.96	424.00	325	15.2
1955	6.2	.5	6.7	4/	---	64.00	51.06	400.00	---	2.2
1956	103.5	---	103.5	100.2	3.3	53.40	53.76	420.00	319	32.0
1957	82.6	---	82.6	80.7	1.9	52.30	52.15	410.00	315	25.5
1958	146.7	---	146.7	143.4	3.3	53.20	53.89	420.00	312	44.8
1959	110.6	---	110.6	105.7	4.8	52.40	53.50	418.00	322	34.0
1960	42.6	---	42.6	37.6	5.0	62.50	53.50	418.00	346	13.0
1961	111.5	---	111.5	106.7	4.8	87.30	63.34	480.00	312	33.3
1962	22.8	---	22.8	19.9	2.9	122.00	63.34	480.00	302	7.6
1963	73.5	---	73.5	63.4	10.1	65.50	63.34	480.00	323	20.6
1964	123.3	---	123.3	115.1	8.2	61.70	63.34	480.00	319	36.8
1965	33.3	---	33.3	31	2.3	60.50	63.34	480.00	316	10.0
1966	82.9	---	82.9	78	4.9	57.90	63.34	480.00	320	25.5
1967	40.1	---	40.1	39	1.1	66.10	63.34	480.00	340	13.3
1968	17.0	---	17.0	17	---	67.00	64.22	486.00	318	5.5
1969	18.8	---	18.8	18	.9	61.40	68.25	512.00	318	5.7
1970 5/	16.2	---	16.2	12	4	66.60	70.85	528.00	318	3.7
1971 5/	6/3	---	---	---	---	6/70	73.45	544.00	318	6/1

1/ Production and crushings are reported on a fruit basis (air-dried nuts in the husk). 2/ Crushings and oil production mostly estimates by ERS. 3/ Believed to reflect largely statistical discrepancies. 4/ Negligible. 5/ Preliminary. 6/ ERS estimate.

Table 119.--Tung oil: Supply, disposition, and price, 1950-71

Year beginning November	Supply						Disposition		Price per pound			Oil acquired by CCC	
	Production	Imports	Stocks, November 1			Total	Exports 1/	Domestic disappearance	Tanks, N.Y. (imported)	Tanks, f.o.b.	Support mills		
			Owned	Loans outstanding	Trade				Total	per appearance	per ported		per
			-- Million pounds --						Cents	Cents	Cents	Million pounds	
1950	12.3	48.2	1.6	---	28.9	30.5	91.0	6.4	2/72.4	36.5	36.7	25.1	---
1951	14.7	30.4	1.6	---	14.4	16.0	61.2	1.3	51.2	39.3	39.1	26.5	---
1952	43.4	13.0	.5	---	8.2	8.7	65.1	.3	49.6	29.7	28.6	26.5	5.8
1953	39.6	41.5	5.8	---	9.3	15.1	96.3	.3	49.3	22.8	23.8	23.9	32.8
1954	15.2	25.2	38.6	---	8.1	46.7	87.1	3.6	51.2	23.5	23.3	21.2	3/
1955	2.2	31.4	19.2	---	13.2	32.4	66.0	1.4	51.6	24.7	24.4	20.0	---
1956	32.0	31.5	.4	---	12.6	13.0	76.5	1.3	50.4	23.1	22.7	21.0	15.0
1957	25.5	24.7	15.0	---	9.8	24.8	75.0	.4	37.7	21.7	21.4	20.5	11.1
1958	44.8	25.0	25.8	---	11.1	36.9	106.6	4/20.7	47.4	22.6	21.9	21.0	24.6
1959	34.0	26.0	30.0	---	8.5	38.5	98.5	4/19.2	42.0	22.3	21.9	20.9	16.1
1960	13.0	25.8	23.0	---	14.3	37.3	76.1	4/26.4	41.5	26.6	26.5	20.9	---
1961	33.3	17.1	---	---	8.2	8.2	58.6	11.3	2/35.9	35.7	35.2	24.0	---
1962	7.6	20.3	---	---	12.5	12.5	40.4	2.5	2/31.7	38.4	38.0	24.0	---
1963	20.6	29.5	---	---	6.8	6.8	56.9	2.2	34.0	26.4	26.7	24.0	15.0
1964	36.8	25.0	14.8	---	5.9	20.7	82.5	1.0	2/34.0	25.8	25.9	24.0	4/24.0
1965	10.0	28.4	14.7	23.1	13.4	51.2	89.6	.8	2/35.8	22.1	24.1	24.0	4/31.3
1966	25.5	21.2	15.2	31.3	6.5	53.0	99.7	1.4	32.0	14.9	7/24.0	24.0	4/24.6
1967	13.3	19.4	7.1	55.8	3.4	66.3	99.0	2.1	31.5	12.3	---	24.0	4/13.3
1968	5.5	18.7	10.6	47.3	7.5	65.4	89.6	1.9	34.0	13.7	---	24.3	4/ 5.5
1969	5.7	19.0	10.7	33.6	9.5	53.8	78.5	2.1	29.5	22.5	---	25.6	4/ 5.7
1970 5/	3.7	24.6	41.9	---	4.7	46.6	74.9	2.1	27.7	14.9	---	26.4	4/ 3.7
1971 5/	6/0.1	36.5	---	---	9.9	46.4	---	---	---	---	---	27.2	---

1/ Includes re-exports and shipments. 2/ Factory consumption figures used for years in which reported factory consumption exceeds computed domestic disappearance. 3/ Less than 50,000 pounds. 4/ CCC export sales. 5/ Preliminary. 6/ ERS estimate. 7/ Nominal.

Table 120.--Tung oil: Supply, disposition, and utilization, 1950-71

Year	Supply				Disposition			Utilization in drying oil products				
	Production	Imports	Stocks, Jan. 1	Total	Exports	Re-exports 1/	Domestic disappearance	Paint and varnish	Linoleum and oilcloth	Resins	Other	Total
-- Million pounds --												
1950	23	112	21	157	2/	8	109	92	5	4	8	109
1951	13	30	39	82	1	4	3/65	54	2	4	6	65
1952	23	30	16	69	2/	1	52	45	2/	3	3	52
1953	43	23	16	82	2/	2/	51	43	2/	4	4	51
1954	33	36	31	100	2/	2/	48	42	1	3	3	48
1955	10	21	51	82	2	2	51	43	---	4	4	51
1956	13	31	29	73	2/	1	51	44	---	4	3	51
1957	30	29	20	79	2/	1	48	40	---	4	3	48
1958	31	28	30	89	2/	2/	41	32	---	3	6	41
1959	41	23	48	112	2/	2/	48	60	---	5	4	48
1960	30	23	39	92	2/	2/	40	31	---	5	4	40
1961	16	27	31	74	20	2	40	31	---	4	5	40
1962	28	21	12	61	9	1	3/35	25	---	4	4	35
1963	12	19	17	48	1	2	3/32	23	---	5	4	32
1964	24	29	15	68	1	1	3/33	24	---	5	4	33
1965	27	23	36	86	1	2/	3/34	24	---	7	3	34
1966	25	30	52	95	1	2/	3/33	23	---	7	2	33
1967	25	20	64	109	1	1	37	29	---	6	2	37
1968	13	17	71	101	1	1	38	28	---	6	4	38
1969	5	22	61	88	1	1	31	21	---	5	5	31
1970 4/	6	18	55	79	1	1	3/29	20	---	4	5	3/29
1971 4/	2/	22	48	70	1	1	3/27	17	---	4	7	3/27
1972			45									
1973												

1/ As tung oil is imported free of duty, all imports are considered as imports for consumption. Hence, reexports must be subtracted to obtain the domestic disappearance. 2/ Less than 500,000 pounds. 3/ Reported factory consumption, which exceeds the computed domestic disappearance. 4/ Preliminary.

Table 121.--Tung nuts and tung oil: Price support operations, crop years, 1950-70

Year beginning November	Production		Price support operations					CCC (carryout) stocks of oil, Oct. 31
	Nuts	Oil	Placed under loan or purchased under support program		Percentage of oil output 1/	Oil acquired by CCC		
			Nuts	Oil				
	Thou. tons	Mil. lbs.	Thou. tons	Mil. lbs.	Percent	Mil. lbs.	Mil. lbs.	
1950	36.5	12.3	---	---	---	---	1.6	
1951	49.1	14.7	---	---	---	---	.5	
1952	132.1	43.4	---	---	7.9	5.8	5.8	
1953	120.0	39.6	---	---	83.8	32.8	38.6	
1954	51.0	15.2	4	5.1	34.2	2/	19.2	
1955	6.2	2.2	---	---	---	---	.4	
1956	103.3	32.0	---	---	21.2	66.3	15.0	
1957	82.6	25.5	---	---	15.2	59.6	11.1	
1958	146.7	44.8	---	---	33.9	75.7	24.6	
1959	110.6	34.0	---	---	23.0	67.6	16.1	
1960	42.6	13.0	---	---	4.5	34.6	---	
1961	111.5	33.3	---	---	9.8	29.4	---	
1962	22.8	7.6	---	---	2.3	30.3	---	
1963	73.5	20.6	---	---	15.7	76.2	15.0	
1964	123.3	36.8	---	---	26.4	71.7	3/24.0	
1965	33.3	10.0	---	---	9.3	93.0	3/31.3	
1966	82.9	25.5	---	---	24.8	99.2	3/24.6	
1967	40.1	13.3	---	---	13.3	100.0	3/13.3	
1968	17.0	5.5	---	---	5.5	100.0	3/ 5.5	
1969	18.8	5.7	---	---	5.6	100.0	3/ 5.7	
1970	16.2	3.7	---	---	3.7	100.0	3.7	
1971	4/0.3	4/ 0.1	---	---	---	---	---	
1972								
1973								

1/ Percentage that nuts plus oil is of the oil production. 2/ Less than 50,000 pounds. 3/ Loans extended by CCC. 4/ ERS estimate.

Table 122.--Tung oil: Supply and disposition and price, by months, crop years 1958-71

Year beginning November	Production												Total or average
	November	December	January	February	March	April	May	June	July	August	September	October	
	-- Million pounds --												
1958	5	10	8	7	7	5	3	---	---	---	---	---	45
1959	2	8	8	7	5	2	1	---	---	---	---	---	34
1960	2	5	3	2	1	---	---	---	---	---	---	---	13
1961	3	7	6	8	7	2	1	---	---	---	---	---	33
1962	2	2	1/	1	1	---	---	---	---	---	---	1	8
1963	5	4	3	4	3	2	---	---	---	---	---	---	21
1964	6	7	8	5	7	2	2	---	---	---	---	---	37
1965	1	2	1	1	1	---	---	---	---	5	---	---	10
1966	---	7	1	2	2	1	D	D	D	---	D	D	26
1967	b	D	D	D	D	D	D	D	D	D	D	D	13
1968	D	D	D	D	D	D	D	D	D	D	D	D	6
1969	D	D	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	6
1970 2/	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4
1971 2/	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4
	Stocks, first of month												
1958	37	39	48	56	60	62	61	60	55	49	44	42	45
1959	38	37	39	48	50	51	51	54	51	49	48	45	45
1960	37	32	31	33	31	30	24	20	26	14	13	10	10
1961	8	9	12	16	24	28	28	27	24	20	17	14	14
1962	12	14	17	17	17	18	15	13	10	10	10	8	8
1963	7	12	15	16	18	19	23	20	19	22	23	21	21
1964	21	25	36	41	47	52	54	57	54	54	53	54	54
1965	51	50	52	53	55	56	52	57	56	56	55	54	54
1966	53	56	64	66	72	76	76	77	75	74	71	69	69
1967	62	72	71	79	80	79	75	73	72	70	68	66	66
1968	65	65	61	59	64	65	62	61	59	56	55	57	57
1969	54	52	55	54	54	49	53	51	48	46	46	46	46
1970 2/	47	47	48	48	50	49	50	47	50	48	47	48	48
1971 2/	46	43	45	45	45	46	46	46	46	46	46	46	46
	Imports												
1958	2	3	1/	4	4	1	1	5	1	1/	1	1	24
1959	3	1	2	2	3	2	2	4	1	4	3	---	26
1960	1/	1	2	3	4	---	1	3	3	3	3	2	26
1961	2	2	2	2	3	2	1	1	1/	1	1/	1	17
1962	4	1	1	1	3	---	1	1/	3	2	2	1	20
1963	3	3	1	1	2	3	1	3	4	4	1	3	30
1964	1	4	2	3	2	2	2	3	1	2	1	2	25
1965	1	2	2	2	4	2	1	3	3	1	3	2	28
1966	3	2	2	2	2	2	1	1	1	1/	1	2	21
1967	3	1	6	---	1	---	1	2	1	1	2	1	19
1968	2	---	1	5	2	1	---	1/	---	---	5	2	19
1969	---	5	---	4	1	2	---	1/	---	3	2	2	19
1970 2/	2	3	1	3	1	3	2	2	2	1	2	1	25
1971 2/	1	1	2	6	2	2	2	4	2	1	2	1	25
	Domestic disappearance												
1958	6	4	1	7	10	1/	1	8	5	1	2	3	47
1959	5	6	1/	5	5	3	1	4	2	4	3	3	42
1960	6	2	1/	4	4	3	4	4	5	3	3	3	42
1961	3	3	2	2	4	2	2	2	4	4	2	2	(36)
1962	5	1	---	2	3	3	3	3	3	3	3	3	(32)
1963	3	2	2	4	5	3	3	3	1	3	3	3	34
1964	2	1/	2	2	3	1	1	5	2	3	1/	1	(34)
1965	4	1	4	1	4	6	1/	4	3	3	2	2	(36)
1966	2	2	2	2	2	2	3	3	2	3	3	3	32
1967	2	2	3	2	2	2	3	3	3	3	3	3	32
1968	2	2	2	2	2	2	2	3	3	3	3	3	34
1969	2	2	2	2	2	2	2	3	3	3	3	3	30
1970 2/	2	2	2	2	2	2	2	3	2	2	2	2	28
1971 2/	2	2	2	2	2	2	2	1	2	3	2	2	28
	Price per pound, domestic, tanks, f.o.b. southern mills												
	-- Cents --												
1958	21.2	21.1	21.0	20.8	21.2	22.0	22.2	22.8	22.8	22.8	22.8	22.6	21.9
1959	22.0	21.6	21.2	21.2	21.4	21.4	22.0	22.2	22.4	22.6	22.6	22.5	21.9
1960	22.5	22.3	23.7	28.7	28.1	27.0	25.5	26.0	27.9	27.7	28.7	30.3	26.5
1961	28.9	28.1	31.5	31.2	33.6	36.7	38.3	39.1	39.0	38.4	38.9	38.9	35.2
1962	38.4	38.4	39.4	39.2	39.3	39.1	38.9	39.2	39.7	38.6	37.5	32.5	28.0
1963	33.0	30.7	32.4	27.9	32.3	26.5	25.7	24.4	24.1	25.0	24.8	24.5	26.7
1964	24.5	24.7	25.0	24.6	25.2	27.2	27.5	27.5	27.1	26.8	25.2	25.0	25.9
1965	24.8	24.5	24.3	24.1	24.0	24.0	24.0	24.0	27.1	24.0	24.0	24.0	24.1
1966	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0 N
1967	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0 N
1968	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0 N
1969	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0 N
1970 2/	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0 N
1971 2/	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24.0 N

1/ Less than 500,000 pounds. 2/ Preliminary. N.A.--Not available, N.--Nominal, D.--Census disclosure. Data in brackets for domestic disappearance represents factory consumption. Monthly figures do not necessarily agree with annual totals.

Table 123.--Oilseeds: Prospective plantings for 1972 (based on March intentions of farmers) with comparisons, 1950-72

Year	Soybeans				Cottonseed			
	Acreage		Production		Cotton acreage		Cottonseed production	
	Planted <u>1/</u>	Harvested for beans	Per acre harvested	Total	Planted	Harvested	Per acre harvested	Total
	1,000 acres	1,000 acres	Bushels	Million bushels	1,000 acres	1,000 acres	Pounds	1,000 tons
1950	15,048	13,807	21.7	299.2	18,866	17,843	460	4,105
1951	15,176	13,615	20.8	283.8	29,353	26,949	467	6,302
1952	15,958	14,435	20.7	298.8	28,065	25,921	478	6,191
1953	16,394	14,829	18.2	269.2	26,872	24,341	554	6,749
1954	18,541	17,047	20.0	341.1	20,052	19,251	593	5,709
1955	19,674	18,620	20.1	373.7	17,991	16,928	714	6,043
1956	21,700	20,620	21.8	449.3	17,077	15,615	693	5,407
1957	21,938	20,857	23.2	483.4	14,310	13,558	680	4,609
1958	25,108	23,993	24.2	580.2	12,379	11,849	810	4,798
1959	23,349	22,631	23.5	532.9	15,833	15,117	793	5,991
1960	24,440	23,655	23.5	555.3	16,080	15,309	769	5,886
1961	27,787	27,003	25.1	678.6	16,588	15,634	765	5,978
1962	28,418	27,608	24.2	669.2	16,293	15,569	789	6,139
1963	29,462	28,615	24.4	699.2	14,843	14,212	871	6,192
1964	31,605	30,793	22.8	700.9	14,835	14,055	888	6,237
1965	35,227	34,449	24.5	845.6	14,152	13,615	894	6,087
1966	37,294	36,546	25.4	928.5	10,349	9,552	829	3,960
1967	40,776	39,767	24.5	976.1	9,448	7,997	803	3,210
1968	42,037	41,104	26.8	1,103.1	10,912	10,160	913	4,640
1969	42,198	40,982	27.5	1,126.3	11,882	11,055	736	4,068
1970	42,945	42,056	26.7	1,123.7	11,945	11,160	729	4,068
1971 <u>2/</u>	43,176	42,409	27.6	1,169.4	12,351	11,463	740	4,244
1972 <u>3/</u>	45,489	44,400		1,244	13,529			

	Flaxseed				Peanuts				Total 4 oilseeds
	Acreage		Production		Acreage		Production		
	Planted	Harvested	Per acre harvested	Total	Planted <u>1/</u>	Harvested for nuts	Per acre harvested	Total	
	1,000 acres	1,000 acres	Bushels	Million bushels	1,000 acres	1,000 acres	Pounds	Million pounds	
1950	4,274	4,090	9.8	40.2	2,633	2,262	900	2,035	40.8
1951	4,116	3,904	8.9	34.7	2,510	1,982	837	1,659	51.2
1952	3,445	3,304	9.1	30.2	1,838	1,443	940	1,356	49.3
1953	4,759	4,570	8.2	37.7	1,796	1,515	1,039	1,574	49.8
1954	5,947	5,663	7.3	41.3	1,824	1,387	727	1,008	46.4
1955	5,148	4,924	8.2	40.4	1,882	1,669	928	1,548	44.7
1956	5,786	5,473	8.6	47.0	1,834	1,384	1,161	1,607	46.4
1957	5,481	4,793	5.2	25.1	1,746	1,481	969	1,436	43.5
1958	3,862	3,679	10.2	37.4	1,702	1,516	1,197	1,814	43.1
1959	3,268	2,932	7.2	21.2	1,576	1,435	1,061	1,523	44.0
1960	3,437	3,342	9.1	30.4	1,926	1,395	1,232	1,718	45.5
1961	2,975	2,514	8.8	22.2	1,524	1,398	1,185	1,657	49.9
1962	3,102	2,808	11.5	32.2	1,507	1,400	1,228	1,719	49.3
1963	3,379	3,172	9.8	31.0	1,498	1,396	1,391	1,942	49.2
1964	2,965	2,825	8.6	24.4	1,487	1,397	1,502	2,099	50.9
1965	2,868	2,775	12.8	35.4	1,517	1,435	1,661	2,384	53.8
1966	2,679	2,576	9.1	23.4	1,488	1,418	1,700	2,410	51.8
1967	2,061	1,975	10.1	20.0	1,472	1,402	1,765	2,473	53.8
1968	2,183	2,098	12.9	27.1	1,493	1,436	1,771	2,543	56.6
1969	2,673	2,616	13.4	35.1	1,507	1,451	1,743	2,529	58.3
1970	3,004	2,888	10.4	30.0	1,518	1,467	2,031	2,979	59.4
1971 <u>2/</u>	1,662	1,580	11.8	18.7	1,529	1,454	2,067	3,004	58.7
1972 <u>3/</u>	1,305			16	1,537			3,099	61.9

1/ Acreage grown alone for all purposes. 2/ Preliminary. 3/ Indicated March 1.

Table 124.-Creamery butter (actual weight) Supply, disposition and price, by months, crop years 1958-71

Year beginning October	Production											Total or average	
	October	November	December	January	February	March	April	May	June	July	August		September
	-- Million pounds --												
1958	93	90	107	117	109	121	128	144	136	113	92	81	1,332
1959	92	92	108	118	119	130	128	148	140	115	96	82	1,369
1960	93	94	109	120	116	131	134	154	153	128	108	91	1,434
1961	110	110	126	143	131	150	147	167	152	122	104	95	1,552
1962	108	105	118	133	122	135	140	156	143	114	95	86	1,456
1963	92	92	112	120	125	141	144	154	143	111	95	86	1,425
1964	95	95	121	132	125	141	139	145	134	104	84	73	1,389
1965	78	78	91	99	92	102	107	115	114	83	77	69	1,103
1966	78	81	97	111	103	112	120	129	127	103	86	75	1,222
1967	84	82	93	108	101	107	113	123	116	99	80	69	1,174
1968	78	78	93	107	95	104	109	117	111	93	77	68	1,131
1969	77	71	90	100	93	107	111	117	113	92	79	72	1,121
1970 1/2	82	79	93	104	98	111	113	120	112	90	80	69	1,150
1971 1/2	79	78	89	101	99	107							
Cold storage stocks, first of month													
1958	146	120	93	69	64	64	63	82	104	138	148	132	
1959	93	67	47	31	34	43	65	86	119	163	180	169	
1960	138	116	91	77	76	80	98	123	159	218	250	256	
1961	238	231	224	225	238	260	303	345	387	429	469	466	
1962	419	396	376	359	363	355	391	403	429	471	493	482	
1963	489	386	318	271	229	199	191	185	197	225	253	232	
1964	188	151	97	71	63	69	95	117	149	191	217	184	
1965	161	125	83	52	34	27	26	34	53	86	92	86	
1966	68	58	39	26	25	35	76	103	151	192	192	213	
1967	212	201	185	169	164	173	176	180	199	225	242	225	
1968	197	162	137	117	105	115	121	134	153	195	198	185	
1969	155	125	104	89	77	81	91	114	147	186	204	198	
1970 1/2	171	147	134	119	119	133	158	180	210	235	253	247	
1971 1/2	222	189	155	97	79	93	107						
Exports 2/													
1958	1	1	1	1	3/	3/	1	1	2	1	2	9	19
1959	6	4	3	1	1	1	1	3/	1	1	1	1	21
1960	3/	3/	1	1	1	1	1	1	1	1	1	1	8
1961	3/	1	1	1	1	1	1	1	2	2	2	5	19
1962	2	15	8	1	4	6	6	12	5	11	31	27	131
1963	27	33	35	41	31	32	23	34	24	16	13	11	319
1964	23	25	34	13	11	17	7	5	1	2	4	2	150
1965	3	1	3	3	3	3	2	1	1	1	1	1	24
1966	1	1	1	1	3/	3/	3/	4	3/	3/	3/	3/	7
1967	1	1	3/	3/	3/	1	1	8	10	1	3/	3/	31
1968	2	5	3	1	3/	3/	2	11	10	1	3/	3/	37
1969	1	3/	3/	2	3/	1	1	3/	7	1	3	4	8
1970 1/2	1	1	1	1	1	1	3/	2	1	7			27
1971 1/2	12	19	44	18	16	7							
Domestic disappearance 4/													
1958	117	115	131	123	108	122	109	121	100	102	106	114	1,368
1959	112	109	121	115	109	107	106	115	95	97	106	116	1,307
1960	113	119	122	121	111	112	109	118	92	95	101	112	1,322
1961	117	116	124	129	109	106	104	124	108	80	115	125	1,356
1962	128	111	126	129	127	92	123	119	96	80	75	91	1,296
1963	129	128	123	134	124	117	126	108	91	68	103	118	1,370
1964	109	126	112	126	108	97	111	108	87	76	114	84	1,267
1965	112	118	120	116	95	100	96	95	81	75	82	85	1,176
1966	88	99	103	109	83	90	93	80	66	66	61	96	1,073
1967	95	97	110	114	91	104	105	95	81	80	93	96	1,161
1968	110	98	111	121	86	97	94	78	79	89	89	98	1,137
1969	105	92	105	110	88	96	87	84	74	74	83	98	1,099
1970 1/2	105	92	108	104	83	86	90	88	80	65	82	90	1,075
1971 1/2	100	94	103	103	77	86							
Price per pound, creamery, Grade A (92 score) bulk, Chicago													
	-- Cents --												
1958	58.4	58.0	60.0	57.7	57.7	57.8	57.8	57.9	58.0	58.0	60.1	62.6	58.7
1959	61.8	64.0	64.0	58.0	58.0	58.0	58.0	57.9	58.0	58.0	59.1	61.3	59.7
1960	60.8	60.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
1961	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
1962	75.0	58.0	58.0	58.0	57.9	58.0	58.0	58.0	58.0	58.0	58.0	59.7	58.1
1963	58.5	58.1	52.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	59.5	61.3	58.4
1964	60.5	62.2	59.2	58.0	58.0	58.0	59.0	59.0	59.0	59.0	61.0	62.2	59.6
1965	62.9	63.3	63.4	59.3	61.8	64.1	62.8	63.6	66.0	71.3	73.0	74.9	66.5
1966	68.8	67.6	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.1	67.1	66.9
1967	66.6	66.5	67.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.6	68.1	66.7
1968	67.3	66.8	68.7	66.4	66.4	66.4	67.6	67.6	67.6	67.6	67.8	69.9	67.5
1969	68.2	67.8	68.4	67.6	67.6	68.0	69.8	69.8	69.8	69.8	69.8	70.5	68.9
1970 1/2	70.1	69.9	70.4	69.8	69.8	69.8	67.8	67.8	67.8	67.8	67.8	68.1	68.9
1971 1/2	68.0	67.9	67.9	67.8	67.8	67.8							

1/ Preliminary. 2/ Includes shipment to U.S. Territories. 3/ Less than 500,000 pounds. 4/ Includes some imports.

Table 125--Butter, (actual weight): Supply, disposition, and price, 1950-71

Year	Supply						Disposition				Price per pound Creamery grade A Chicago Cents	
	Production			Imports	Stocks January 1	Total supply	Exports and shipments to U.S. Territories		Domestic disappearance			
	Creamery	Farm	Total				Total	Direct use as butter				
				Military procurement	Civilian	Civilian per capita						
-- Million pounds --												
1950	1,386	262	1,648	2/	133	1,781	28	1,648	34	1,614	10.7	61.7
1951	1,203	240	1,443	2/	105	1,548	24	1,477	52	1,445	9.6	69.2
1952	1,188	214	1,402	2/	27	1,429	2	1,354	38	1,316	8.6	72.2
1953	1,412	195	1,607	2/	73	1,680	26	1,372	43	1,329	8.5	65.9
1954	1,449	179	1,628	1	282	1,911	57	1,475	65	1,410	8.9	59.7
1955	1,383	162	1,545	1	379	1,925	224	1,537	77	1,460	9.0	57.4
1956	1,413	140	1,553	3	163	1,719	184	1,510	70	1,439	8.7	59.2
1957	1,414	119	1,533	3	25	1,561	13	1,461	55	1,406	8.4	59.6
1958	1,390	96	1,486	2	87	1,575	38	1,468	50	1,418	8.3	58.7
1959	1,334	76	1,411	2	69	1,482	29	1,422	51	1,371	7.9	59.8
1960	1,373	63	1,436	3	31	1,470	10	1,382	50	1,332	7.5	59.0
1961	1,484	52	1,536	2	77	1,615	9	1,381	46	1,335	7.4	60.5
1962	1,537	42	1,579	2	3/225	1,806	4/42	1,405	64	1,341	7.3	58.6
1963	1,420	34	1,454	2	3/359	1,815	4/199	1,345	64	1,281	6.9	58.2
1964	1,442	27	1,469	2	3/271	1,742	4/307	1,364	66	1,297	6.8	59.1
1965	1,325	21	1,346	2	71	1,419	75	1,292	60	1,232	6.4	60.2
1966	1,112	16	1,128	2	32	1,182	18	1,132	33	1,099	5.7	66.6
1967	1,225	13	1,238	2	32	1,272	7	1,096	21	1,076	5.5	66.7
1968	1,165	10	1,175	2	169	1,346	40	1,189	72	1,117	5.7	66.9
1969	1,128	8	1,126	2	117	1,245	27	1,130	50	1,081	5.4	67.6
1970	1,137	6	1,143	2	89	1,234	9	1,105	45	1,061	5.3	69.4
1971 2/	1,143	---	1,143	2	119	1,264	100	1,067	33	1,034	5.1	68.4
1972 2/					97							

1/ Includes stocks held by U.S. Department of Agriculture. 2/ Less than 500,000 pounds. 3/ Includes estimates of butter oil, ghee, and canned butter. 4/ Includes estimates of butter, butter oil and ghee shipped under foreign donations program. 5/ Preliminary.

Table 126--Lard: Supply, disposition, and price, 1950-71

Year	Supply					Disposition				Price per pound Loose Chicago Cents			
	Production			Total	Stocks January 1	Total 1/	Exports and shipments		Domestic disappearance				
	Federally inspected	Other commercial	Farm				Exports	Shipments	Total		Direct use		
				Total	Per civilian								
-- Million pounds --													
1950	2,009	309	313	2,631	131	2,762	467	56	523	2,112	1,891	12.6	11.8
1951	2,225	342	296	2,863	127	2,990	689	54	743	2,143	1,855	12.3	16.1
1952	2,234	378	269	2,881	104	2,985	634	60	694	2,080	1,817	11.8	9.9
1953	1,812	310	233	2,355	211	2,566	423	53	476	2,016	1,772	11.4	11.9
1954	1,831	290	209	2,330	74	2,404	465	56	521	1,779	1,627	10.2	15.7
1955	2,140	312	208	2,660	104	2,764	562	57	620	1,998	1,639	10.1	10.6
1956	2,255	304	198	2,757	147	2,904	611	60	672	2,121	1,623	9.8	11.1
1957	2,080	287	180	2,547	112	2,659	501	62	563	1,994	1,589	9.4	12.3
1958	1,982	271	173	2,426	101	2,527	389	66	455	1,977	1,640	9.6	11.4
1959	2,309	300	171	2,780	95	2,875	605	68	673	2,078	1,536	8.8	7.9
1960	2,127	292	143	2,562	124	2,686	620	61	681	1,912	1,358	7.6	8.8
1961	2,118	266	130	2,514	94	2,608	417	69	485	2,015	1,393	7.7	9.6
1962	2,104	261	111	2,476	110	2,586	422	66	488	1,970	1,314	7.1	8.7
1963	2,117	296	100	2,473	128	2,601	538	57	594	1,887	1,190	6.4	8.3
1964	2,153	235	85	2,473	119	2,592	682	64	747	1,728	1,193	6.3	9.7
1965	1,772	208	65	2,045	127	2,172	251	75	325	1,785	1,225	6.4	11.7
1966	1,696	202	32	1,929	62	1,991	158	63	220	1,670	1,071	5.5	11.2
1967	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4	7.8
1968	1,862	170	30	2,062	151	2,213	175	58	234	1,886	1,106	5.6	6.2
1969	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1	9.7
1970	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.7	11.6
1971 2/	1,842	104	20	1,966	82	2,048	282	62	345	1,605	887	4.3	10.8
1972 2/					100								

1/ Includes imports, which were less than 500,000 pounds in all years except 1952, when 7 million pounds were imported. 2/ Preliminary.

Table 127--Total commercial hog slaughter, lard and pork production, and average weights and yields, 1950-70

Year beginning October	Hogs slaughtered ^{1/}	Average live weight per hog slaughtered	Total production		Average yield per 100 pounds of live weight hog		Average yield per hog	
			Lard rendered ^{2/}	Pork excluding lard ^{3/}	Lard	Pork	Lard	Pork
1950	74,548	242	2,505	10,078	13.9	56.0	33.6	135.2
1951	78,028	238	2,634	10,296	14.2	55.6	33.8	132.0
1952	70,470	235	2,261	9,427	13.7	56.9	32.1	133.8
1953	63,480	240	2,028	8,709	13.4	57.2	32.0	137.3
1954	70,818	239	2,363	9,638	14.0	56.9	33.4	136.1
1955	80,510	233	2,632	10,578	14.1	56.4	32.7	131.4
1956	74,234	233	2,426	9,769	14.0	56.5	32.7	131.6
1957	71,183	234	2,245	9,561	13.5	57.4	31.6	134.3
1958	78,150	237	2,514	10,657	13.6	57.5	32.2	135.4
1959	82,561	236	2,596	11,278	13.1	57.9	31.0	136.6
1960	75,395	238	2,345	10,551	13.0	58.3	30.9	138.8
1961	78,659	239	2,350	11,069	12.5	58.9	29.9	140.7
1962	82,424	238	2,389	11,685	12.2	59.6	29.0	141.8
1963	83,011	240	2,384	11,970	12.0	60.1	28.7	144.2
1964	78,354	238	2,130	11,382	11.4	61.0	27.2	145.3
1965	71,040	242	1,854	10,619	10.8	61.8	26.1	149.5
1966	81,209	241	2,034	12,211	10.4	62.4	25.0	150.4
1967	84,177	240	2,036	12,732	10.1	62.9	24.2	151.0
1968	85,791	238	1,941	13,028	9.5	63.9	22.6	152.0
1969	81,863	241	1,810	12,643	9.2	64.1	22.1	154.4
1970 ^{4/}	95,446	239	2,028	14,595	8.8	64.4	21.1	153.9

^{1/} Represents slaughter in federally-inspected establishments plus non-inspected slaughter in retail and wholesale establishments. Does not include farm slaughter. ^{2/} Includes rendered pork fat. ^{3/} Excludes lard and rendered pork fat. ^{4/} Preliminary.

Table 128--Lard: Supply, disposition, and price, 1950-71

Year beginning October	Supply				Stocks, October 1	Total	Disposition			Price per pound, loose, Chicago	
	Production		Farm	Total			Exports and shipments				Domestic disappearance ^{1/}
	Federally inspected	Other commercial					Exports	Shipments	Total		
-- Million pounds --											
1950	2,178	328	306	2,812	82	2,894	583	47	630	2,184	16.0
1951	2,260	374	284	2,918	57	2,981	688	63	751	2,071	11.5
1952	1,931	330	248	2,509	143	2,653	467	48	515	2,111	10.1
1953	1,744	284	220	2,248	42	2,290	398	58	456	1,773	16.2
1954	2,049	314	204	2,564	50	2,614	528	59	587	1,959	11.5
1955	2,323	309	218	2,852	75	2,927	662	57	719	2,055	10.3
1956	2,136	290	188	2,614	123	2,737	530	60	590	2,039	12.7
1957	1,973	273	177	2,423	69	2,492	394	65	461	1,994	11.6
1958	2,222	291	165	2,679	46	2,725	536	71	608	2,024	8.7
1959	2,253	303	170	2,726	93	2,819	655	62	716	2,003	8.2
1960	2,076	269	136	2,481	92	2,573	446	66	513	1,969	9.9
1961	2,087	263	118	2,468	100	2,568	446	62	508	1,982	8.6
1962	2,130	259	106	2,495	73	2,568	508	63	571	1,904	8.2
1963	2,143	241	91	2,475	81	2,556	637	69	706	1,786	9.2
1964	1,915	215	72	2,205	68	2,273	356	65	431	1,780	11.5
1965	1,655	199	46	1,900	62	1,962	156	62	218	1,676	11.7
1966	1,826	209	32	2,066	64	2,130	184	63	247	1,781	8.7
1967	1,891	185	31	2,067	107	2,174	183	63	246	1,834	6.2
1968	1,807	135	28	1,969	94	2,063	223	58	282	1,726	8.4
1969	1,701	109	21	1,831	56	1,889	349	55	405	1,425	11.6
1970 ^{2/}	1,919	109	20	2,048	60	2,104	329	53	382	1,649	11.1
1971					71						

^{1/} Adjusted for estimated changes in stocks on farm. ^{2/} Preliminary.

Table 129--Lard: Utilization, by products, 1950-70

Year beginning October	Food uses				Total	Nonfood uses			Domestic disappearance		
	Shortening	Margarine	Direct use	Total		Soap	Other		Total	Per capita	
							Industrial	Total		Direct use	Total
-- Million pounds --											
1950	201	5	1,892	2,097	58	29	87	2,134	12.4	14.2	
1951	214	4	1,829	2,048	---	21	23	2,071	11.7	13.2	
1952	249	7	1,847	2,103	---	8	8	2,111	11.6	13.3	
1953	139	6	1,625	1,772	1/	1	1	1,773	10.0	11.0	
1954	291	11	1,650	1,952	2	5	7	1,959	10.0	11.9	
1955	403	27	1,631	2,061	1	2	3	2,065	9.7	12.3	
1956	425	27	1,584	2,036	1	2	3	2,039	9.3	12.0	
1957	345	19	1,630	1,993	1/	1	1	1,994	9.4	11.5	
1958	425	26	1,564	2,015	---	10	10	2,024	8.9	11.6	
1959	511	60	1,421	1,992	---	11	11	2,003	7.9	11.1	
1960	497	58	1,399	1,954	---	15	15	1,969	7.6	10.8	
1961	562	80	1,324	1,966	---	16	16	1,982	7.1	10.7	
1962	588	76	1,225	1,889	---	15	15	1,904	6.5	10.1	
1963	470	68	1,231	1,769	---	18	18	1,786	6.4	9.3	
1964	473	94	1,200	1,767	---	13	13	1,780	6.2	9.2	
1965	477	67	1,115	1,659	---	17	17	1,676	5.7	8.5	
1966	552	122	1,080	1,754	---	28	28	1,781	5.4	9.0	
1967	584	142	1,085	1,811	---	23	23	1,834	5.4	9.1	
1968	537	119	1,045	1,701	---	25	25	1,726	5.2	8.5	
1969	416	60	927	1,403	---	22	22	1,425	4.6	7.0	
1970 ^{2/}	509	154	932	1,615	---	33	33	1,649	4.6	8.0	

^{1/} Less than 500,000 pounds. ^{2/} Preliminary.

Table 30.--Lard: Supply, disposition and price, by months, crop years, 1958-71

Year beginning October	Production (excluding farm)												Total or average
	October	November	December	January	February	March	April	May	June	July	August	September	
-- Million pounds --													
1958	217	201	228	228	208	216	219	201	198	206	184	208	2,514
1959	238	235	268	239	203	224	202	203	199	166	193	185	2,556
1960	192	204	208	207	181	214	188	216	205	168	181	181	2,135
1961	215	221	207	211	186	206	197	209	197	174	180	154	2,130
1962	225	224	210	217	182	208	211	206	207	175	172	182	2,325
1963	214	208	220	232	193	210	213	194	184	172	166	178	2,384
1964	220	209	217	194	166	196	178	154	160	137	138	151	2,130
1965	163	176	157	144	129	167	166	157	152	131	150	166	1,854
1966	175	182	182	186	162	184	180	164	157	144	167	169	2,034
1967	190	187	172	176	153	163	179	187	152	153	159	165	2,036
1968	195	177	173	173	149	160	164	152	144	151	140	163	1,941
1969	178	151	154	154	130	149	161	138	145	140	144	166	1,610
1970 1/	185	185	190	177	139	203	171	154	166	142	150	167	2,028
1971 1/	148	168	162	131	112	157							
Stocks, first of month													
1958	46	54	68	95	109	118	132	147	153	148	137	100	
1959	93	80	92	124	134	147	145	136	150	136	129	109	
1960	92	72	81	94	114	112	141	153	149	150	127	114	
1961	100	90	89	110	102	103	104	109	123	104	97	77	
1962	73	73	93	128	148	146	187	162	147	136	114	80	
1963	81	75	92	110	105	105	114	116	125	95	98	89	
1964	68	82	104	127	151	131	143	147	107	98	82	69	
1965	62	59	66	62	70	69	77	94	104	102	94	73	
1966	114	70	78	100	115	125	132	142	128	128	118	107	
1967	107	105	120	151	164	124	121	132	139	130	121	105	
1968	94	89	78	94	92	97	92	93	80	76	62	55	
1969	56	58	48	70	65	62	67	75	65	65	64	54	
1970 1/	60	59	74	82	91	36	81	80	91	101	89	82	
1971 1/	77	83	82	100	78	66	68						
Exports 2/													
1958	46	66	33	52	52	69	47	50	51	64	45	64	608
1959	73	70	82	76	57	61	60	55	66	47	58	47	714
1960	62	37	54	49	45	40	30	48	35	58	28	26	513
1961	40	69	17	47	31	33	48	30	37	43	39	37	508
1962	26	58	23	19	47	46	65	76	28	60	67	57	571
1963	50	43	36	67	56	54	90	54	100	50	48	54	706
1964	57	64	47	24	38	24	63	31	19	39	21	20	431
1965	18	18	20	7	20	26	11	22	17	17	19	15	218
1966	22	24	21	19	24	12	20	15	22	21	25	15	247
1967	27	29	11	8	39	15	24	10	21	12	24	23	246
1968	15	28	13	19	22	30	19	41	23	12	31	29	232
1969	31	49	22	20	45	34	20	30	25	45	38	35	405
1970 1/	16	23	49	16	41	51	40	39	25	18	16	20	382
1971 1/	25	45	9	17	24	21	21						
Domestic disappearance													
1958	162	141	168	152	147	153	158	160	157	154	174	151	1,858
1959	178	149	195	151	135	165	151	134	146	127	155	155	1,840
1960	150	155	143	147	138	145	146	172	169	133	165	169	1,825
1961	184	151	169	173	143	167	144	165	153	138	160	121	1,868
1962	199	145	152	178	137	142	150	145	157	117	131	137	1,810
1963	170	147	157	179	117	166	177	129	113	120	127	145	1,691
1964	148	122	147	146	148	150	131	163	151	113	130	146	1,705
1965	148	152	131	129	110	129	149	125	137	121	154	160	1,634
1966	147	150	146	151	129	165	126	163	135	133	154	153	1,744
1967	165	144	130	155	145	140	140	169	140	149	151	151	1,803
1968	185	161	145	156	122	134	144	123	126	152	116	133	1,668
1969	144	113	110	134	88	105	133	118	120	94	118	125	1,402
1970 1/	141	147	133	152	103	158	133	194	131	136	141	152	1,630
1971 1/	118	123	135	134	100	134							
Price per pound, tanks, loose Chicago													
-- Cents --													
1958	11.6	10.5	9.2	8.6	8.5	8.4	8.6	8.3	7.9	7.6	7.1	7.7	6.7
1959	7.8	7.7	7.1	7.0	7.2	7.8	8.5	8.3	8.8	9.7	10.0	9.0	8.2
1960	9.7	8.3	9.5	10.0	12.3	12.0	11.2	9.6	8.4	8.4	8.9	8.7	9.9
1961	8.6	8.5	8.4	8.3	8.8	8.8	8.4	8.5	8.1	8.5	9.0	9.1	8.6
1962	9.3	8.7	8.1	8.0	8.2	7.8	7.5	7.4	7.7	8.3	8.5	8.4	8.2
1963	9.2	9.7	8.8	8.9	9.3	9.0	9.2	9.1	9.1	9.2	9.4	9.9	9.2
1964	11.5	10.9	11.0	10.9	11.2	11.6	12.3	11.1	11.3	11.8	11.7	12.3	11.5
1965	12.5	11.7	11.8	12.8	13.0	12.3	11.5	10.7	10.4	10.2	11.8	11.5	11.7
1966	10.7	10.3	9.3	9.1	8.8	8.5	8.8	8.7	7.9	7.3	7.7	7.3	8.7
1967	6.9	6.3	6.6	6.2	6.4	6.4	6.5	5.4	5.6	5.6	5.6	5.7	6.2
1968	6.6	7.1	6.7	7.8	8.5	9.2	8.6	8.4	8.8	4.3	10.2	10.1	8.4
1969	11.6	12.1	11.4	11.1	11.7	13.6	11.8	11.5	10.9	10.9	11.5	11.5	11.6
1970	11.8	12.0	10.3	9.5	10.0	11.8	11.3	10.8	10.0	11.3	12.0	11.1	11.1
1971 1/	10.8	10.6	9.8	9.6	11.3	11.0							

1/ Preliminary.
2/ Includes shipments to U.S. Territories.

Table 131.--Lard from federally inspected slaughter: Factors relating to production, by months, 1958-70

Year beginning October	Federally inspected slaughter of hogs												Total or Average
	October	November	December	January	February	March	April	May	June	July	August	September	
-- Thousand --													
1958	5,911	5,258	5,814	5,885	5,586	5,733	5,552	4,970	4,902	5,184	4,977	5,767	65,739
1959	6,646	6,377	6,958	6,516	5,981	6,116	5,771	5,487	5,086	4,704	5,203	5,165	59,295
1960	5,407	5,707	5,753	5,744	5,078	6,110	5,049	5,597	5,093	4,380	5,114	5,240	64,212
1961	6,223	6,327	5,738	6,098	5,312	6,225	5,672	5,800	5,041	4,699	5,214	4,737	67,085
1962	6,643	6,376	5,954	6,333	5,665	6,559	6,353	5,910	4,880	4,999	5,174	5,868	70,700
1963	6,775	6,379	6,695	6,995	5,898	6,420	6,481	5,476	5,038	4,628	4,841	5,630	71,517
1964	6,804	6,546	6,646	6,047	5,301	6,534	5,802	4,719	4,717	4,429	4,750	5,475	67,772
1965	7,421	5,503	5,010	4,719	4,650	5,836	5,303	4,913	4,672	4,228	5,088	5,886	61,201
1966	6,047	6,207	6,215	6,397	5,661	6,728	5,867	5,310	5,178	4,743	5,804	6,114	70,163
1967	6,584	6,431	6,100	6,495	5,697	6,328	6,407	5,115	5,454	5,944	5,944	6,348	73,405
1968	7,410	6,571	6,619	6,814	6,245	6,809	6,857	6,045	5,541	5,739	5,703	6,611	77,014
1969	7,103	5,845	6,344	6,170	5,507	6,415	6,618	5,877	5,685	5,774	5,605	7,034	74,454
1970 1/2	7,667	7,350	7,990	7,489	6,379	8,766	7,794	6,932	6,943	6,220	6,922	7,379	87,366
1971 1/2	7,190	7,566	7,547	6,395	6,480	7,794							
Average live weight of hogs slaughtered													
-- Pound --													
1958	232.8	241.9	242.3	240.5	234.8	235.5	241.4	247.4	250.5	243.1	244.6	231.9	239.7
1959	235.3	240.9	242.3	236.2	231.8	231.2	238.6	241.6	245.9	245.7	239.2	235.4	238.7
1960	236.1	242.6	241.4	240.6	235.2	241.5	240.4	246.5	251.6	247.1	238.0	233.2	240.9
1961	242.8	239.6	242.7	240.8	237.5	237.0	241.1	245.5	249.4	247.2	241.1	234.7	241.0
1962	240.0	244.1	244.6	242.8	236.6	236.6	238.0	242.9	246.4	247.0	233.5	234.7	240.8
1963	236.1	244.1	245.0	244.1	238.5	237.7	241.6	246.3	251.1	249.0	242.0	238.1	242.8
1964	243.4	245.6	243.9	241.3	234.7	234.5	239.0	243.0	247.0	241.7	237.2	235.6	240.6
1965	244	245	245	244	239	240	245	251	254	247	240	239	244
1966	240	244	247	245	238	236	240	245	249	246	241	239	243
1967	242	245	246	241	235	235	240	246	246	243	236	236	241
1968	249	244	246	239	233	234	236	242	246	242	235	236	239
1969	241	245	245	242	238	237	243	246	247	244	238	237	242
1970 1/2	240	244	243	237	235	235	238	243	246	241	236	237	240
1971 1/2	234	241	243	239	235	238							
Yield of lard per hog slaughtered													
1958	32.7	34.7	34.7	34.2	32.4	33.1	34.4	35.0	35.9	35.5	32.5	31.6	33.8
1959	31.1	31.0	31.9	32.4	30.2	32.0	32.1	32.8	34.6	33.9	32.7	31.4	32.5
1960	30.9	31.4	32.0	31.3	31.1	31.1	33.1	34.5	36.1	34.3	31.1	30.5	32.3
1961	30.9	31.1	32.1	30.7	31.1	31.0	32.1	32.1	33.5	32.6	30.3	28.3	31.1
1962	30.2	31.5	31.6	30.4	28.4	28.4	29.8	31.1	31.8	30.8	29.2	28.1	30.1
1963	28.2	29.3	29.6	30.0	29.3	29.4	29.8	32.1	32.9	31.2	30.6	28.2	30.0
1964	29.5	29.0	29.5	28.9	28.1	26.8	27.4	29.2	30.5	27.5	25.7	26.3	28.3
1965	26.9	28.7	27.7	27.3	24.5	24.8	23.1	28.7	29.1	27.4	25.3	25.3	27.0
1966	26.0	26.1	26.5	26.5	25.3	24.7	24.7	27.9	27.2	25.7	25.7	24.9	26.0
1967	25.7	26.1	26.2	24.2	21.9	23.7	25.3	26.8	27.3	25.2	24.6	24.3	25.2
1968	24.6	25.0	24.2	24.5	22.1	21.9	22.1	23.5	24.1	24.6	23.0	23.3	23.5
1969	23.5	24.4	24.8	24.3	22.0	21.7	22.0	22.9	23.9	22.9	22.3	22.5	22.8
1970 1/2	22.0	23.7	22.4	24.7	20.2	23.3	20.8	21.1	22.6	21.7	20.5	19.9	21.8
1971 1/2	19.5	21.0	20.3	20.0	16.7	19.1							
Yield of lard per 100 pounds live weight													
1958	13.9	14.0	14.3	14.2	13.8	14.1	14.2	14.6	14.3	14.6	13.9	13.6	14.1
1959	13.4	13.7	14.2	13.7	13.0	13.8	13.5	13.6	14.1	13.8	13.7	13.3	13.6
1960	13.1	12.9	13.1	13.1	13.7	13.3	13.8	14.0	13.3	13.9	13.1	13.1	13.4
1961	13.2	14.1	13.8	13.7	14.1	12.5	13.1	12.9	13.4	13.2	12.6	12.1	12.9
1962	12.6	12.9	12.9	12.5	12.0	12.1	12.5	12.8	12.9	12.5	12.2	12.0	12.5
1963	11.9	12.0	12.1	12.1	12.3	12.4	12.3	13.0	13.1	12.5	12.6	11.8	12.4
1964	12.1	11.8	12.1	12.0	12.0	11.4	11.5	12.0	12.3	11.4	10.8	11.2	11.8
1965	11.2	11.8	11.3	11.2	10.3	11.5	11.4	11.4	11.5	11.1	11.0	10.6	11.1
1966	10.6	10.7	10.7	10.8	10.6	10.5	10.3	11.4	10.9	11.1	10.7	10.4	10.7
1967	10.6	10.7	10.2	10.0	10.2	10.1	10.5	10.9	11.1	10.6	10.4	10.3	10.5
1968	10.3	10.2	10.0	9.8	9.5	9.4	9.4	9.7	9.8	10.2	9.7	9.9	9.8
1969	9.8	10.0	9.3	9.4	9.2	9.2	9.4	9.0	9.7	9.4	9.4	9.5	9.4
1970 1/2	9.6	9.7	9.2	9.3	8.6	9.9	8.7	8.7	9.1	9.0	8.7	8.4	9.1
1971 1/2	8.2	8.6	8.4	8.0	7.1	8.0							
Lard rendered 2/ -- Million pounds --													
1958	191	178	201	201	194	191	194	179	176	184	162	182	2,227
1959	210	209	238	211	176	196	179	160	176	146	170	162	2,253
1960	167	179	184	183	159	191	167	193	184	148	159	160	2,076
1961	192	198	184	187	166	185	176	186	169	153	158	134	2,087
1962	201	205	188	192	161	186	180	184	155	154	151	165	2,120
1963	191	187	198	204	171	184	193	177	166	154	148	159	2,143
1964	194	190	196	175	149	175	159	138	144	122	144	144	1,915
1965	146	153	139	134	114	144	149	141	136	116	134	149	1,555
1966	157	162	165	167	143	166	145	148	141	129	149	152	1,826
1967	171	168	154	157	136	148	144	172	140	140	146	154	1,871
1968	182	164	160	160	139	149	152	147	135	141	131	154	1,807
1969	167	142	145	144	121	139	153	130	136	132	135	153	1,701
1970 1/2	174	174	178	166	143	143	163	146	158	136	143	158	1,919
1971 1/2	140	154	153	119	143	149							

1/ Preliminary. 2/ Represents amount rendered in federally inspected plants, as reported by USDA's Meat Inspection Division. Includes rendered pork fat.

Table 132.--Lard from total commercial slaughter: Factors relating to production by months, 1958-70
Total commercial slaughter of hogs 1/

Year beginning October	October	November	December	January	February	March	April	May	June	July	August	September	Total or average
-- Thousand --													
1958	6,479	6,220	6,947	7,028	6,718	6,818	6,698	5,900	5,843	6,155	5,914	6,930	78,150
1959	7,845	7,473	8,259	7,794	7,026	7,345	6,594	6,513	6,105	5,179	6,214	6,224	82,561
1960	6,460	6,777	6,796	6,755	6,029	7,150	5,952	6,570	6,023	5,155	6,104	6,174	75,995
1961	7,276	7,377	6,740	7,159	6,239	7,197	6,590	6,746	5,951	5,370	6,172	5,642	78,659
1962	7,717	7,398	6,953	7,106	6,604	7,546	7,353	6,894	5,739	5,891	7,085	6,840	82,424
1963	7,872	7,361	7,733	8,005	6,829	7,410	7,442	6,356	5,933	5,798	7,708	6,563	83,011
1964	7,797	7,486	7,692	6,996	6,162	7,526	6,691	5,514	5,479	5,142	5,529	6,341	78,354
1965	6,255	6,374	5,814	5,533	5,408	6,717	6,139	5,720	5,481	4,944	5,943	6,751	71,040
1966	6,944	7,175	7,255	7,304	6,582	7,688	6,768	6,205	6,010	5,536	6,732	7,009	81,299
1967	7,676	7,481	7,132	7,567	6,633	7,130	7,307	7,264	5,872	6,210	6,724	7,123	84,177
1968	8,300	7,423	7,547	7,704	7,004	7,526	7,551	6,684	6,185	6,355	6,284	7,229	85,791
1969	7,772	6,462	7,084	6,832	6,084	7,032	7,296	6,420	6,262	6,360	6,617	7,642	81,863
1970 2/	8,352	8,094	8,825	8,251	7,018	8,288	8,458	7,549	7,603	6,804	7,513	7,991	95,446
1971 2/	7,780	8,217	8,267	7,017	6,829	8,402							

Average live weight of hogs slaughtered													
-- Pounds --													
1958	231	239	239	235	233	233	239	244	246	240	232	230	237
1959	231	238	237	234	229	230	236	239	242	242	236	233	236
1960	234	240	241	238	233	234	238	243	248	243	235	231	238
1961	233	238	240	239	235	239	235	239	242	242	238	233	239
1962	238	241	241	240	234	231	236	240	243	243	236	233	238
1963	235	242	242	242	237	236	239	244	247	245	239	236	240
1964	241	243	241	239	233	233	237	241	244	249	235	234	238
1965	239	242	243	242	238	239	243	248	250	244	238	236	242
1966	239	244	244	243	237	235	239	243	246	243	239	235	241
1967	241	243	244	240	235	234	240	244	244	244	235	235	240
1968	238	243	241	238	231	233	236	240	244	241	235	235	238
1969	240	244	244	241	237	237	241	244	245	242	237	236	241
1970 2/	239	243	242	238	234	235	237	241	245	240	235	236	239
1971 2/	238	243	242	238	234	237							

Yield of lard per 100 pounds live weight													
1958	13.5	13.5	13.7	13.5	13.3	13.6	13.7	14.0	13.8	14.0	13.7	13.0	13.6
1959	13.0	13.2	13.7	13.1	12.6	13.3	13.0	13.1	13.5	13.3	13.2	12.8	13.1
1960	12.7	12.5	12.7	12.8	12.9	12.8	13.3	13.5	13.8	13.4	12.6	12.7	13.0
1961	12.7	12.6	12.8	12.3	12.7	12.2	12.5	12.8	13.1	12.8	12.3	11.7	12.5
1962	12.3	12.5	12.5	12.2	11.8	11.8	12.2	12.5	12.1	12.2	12.0	11.7	12.2
1963	11.5	11.7	11.7	12.0	11.9	12.0	12.0	12.5	12.0	12.1	12.2	11.5	12.0
1964	11.7	11.5	11.7	11.6	11.5	11.2	11.2	11.6	12.0	11.0	10.2	10.9	11.4
1965	10.9	11.5	11.1	10.7	10.0	10.2	11.1	11.1	11.1	10.9	10.6	10.4	10.8
1966	10.5	10.4	10.3	10.5	10.4	10.2	10.0	10.9	10.6	10.7	10.4	10.1	10.4
1967	10.3	10.3	9.9	9.7	9.8	9.8	10.1	10.5	10.6	10.2	10.0	9.9	10.1
1968	9.9	9.8	9.5	9.5	9.1	9.1	9.2	9.5	9.5	9.9	9.5	9.6	9.5
1969	9.5	9.6	8.9	9.3	9.0	8.9	9.2	8.8	9.5	9.1	9.2	9.2	9.2
1970 2/	9.1	9.4	8.9	9.0	8.5	9.6	8.5	8.5	8.9	8.7	8.5	8.3	8.8
1971 2/	8.0	8.4	8.1	7.9	7.0	7.9							

Yield of lard per hog slaughtered													
1958	31.1	32.3	32.8	32.4	31.7	31.7	32.7	34.1	33.9	33.5	31.1	30.0	32.7
1959	30.3	31.4	32.4	30.7	30.5	30.5	31.2	32.6	32.6	32.1	31.1	29.7	31.0
1960	29.7	30.0	30.6	30.5	30.0	29.9	31.6	32.9	34.1	32.6	29.7	29.3	30.9
1961	29.5	30.0	30.7	29.5	29.8	28.6	29.9	31.0	31.9	31.2	29.2	27.3	29.9
1962	29.2	30.1	30.2	29.3	27.6	27.6	28.7	29.9	30.3	29.7	28.3	27.2	29.0
1963	27.2	28.3	28.4	29.0	28.1	28.3	28.6	30.5	31.0	29.7	29.1	27.1	28.7
1964	28.2	27.9	28.2	27.7	26.9	26.0	26.6	27.9	29.2	25.4	25.0	25.5	27.2
1965	26.1	27.8	27.0	23.9	24.3	24.3	27.0	27.5	27.5	26.5	25.2	24.6	26.1
1966	25.2	25.4	25.1	25.5	24.6	23.9	23.9	26.4	26.1	26.0	24.8	24.1	25.0
1967	24.8	25.0	24.1	23.3	23.1	22.9	24.3	25.7	25.7	24.6	23.6	23.2	24.2
1968	23.5	23.8	22.9	22.5	21.3	21.3	21.7	22.7	23.3	23.8	22.3	22.5	22.6
1969	22.9	23.4	21.7	12.5	21.4	21.2	21.2	21.5	22.2	22.0	21.8	21.7	22.1
1970 2/	22.2	22.9	21.6	21.5	19.8	22.6	20.2	20.4	21.8	20.9	20.0	19.5	21.1
1971 2/	19.0	20.4	19.6	18.7	16.4	18.7							

Lard rendered 3/													
-- Million pounds --													
1958	217	201	228	228	208	216	219	201	198	206	184	208	2,514
1959	238	235	268	239	203	224	202	203	199	166	191	186	2,556
1960	192	204	208	207	181	214	188	216	205	168	181	181	2,345
1961	215	221	207	211	186	206	197	209	190	174	180	154	2,350
1962	225	223	210	217	182	208	211	206	174	175	172	186	2,189
1963	214	208	220	232	193	210	213	194	184	172	166	178	2,184
1964	220	209	217	194	166	196	178	154	160	137	138	161	2,130
1965	163	176	157	144	129	163	166	157	152	131	150	166	1,854
1966	175	182	132	185	102	184	162	164	157	144	167	169	2,034
1967	190	187	172	176	153	163	179	187	152	155	159	135	2,036
1968	195	177	173	173	149	160	164	152	144	151	140	163	1,991
1969	178	151	154	154	130	149	161	138	145	140	144	166	1,810
1970 2/	185	185	191	177	139	203	171	154	166	142	150	167	2,028
1971 2/	148	168	162	131	112	157							

1/ Represents slaughter in federally-inspected establishments plus non-inspected slaughter in retail and wholesale establishments. Does not include farm slaughter. 2/ Preliminary. 3/ Includes rendered pork fat.

Table 133.--Edible beef fats 1/: Supply, disposition and price, 1950-70

Year beginning October	Supply				Disposition		Edible tallow price per pound tanks, loose Chicago Cents
	Production	Imports	Stocks Oct. 1	Total	Exports	Domestic Disappearance	
-- Million pounds --							
1950	158	2/	11	169	15	147	14.7
1951	173	2/	7	180	35	136	8.5
1952	218	2/	10	228	38	182	6.5
1953	264	---	8	272	41	222	10.4
1954	280	2/	10	290	33	242	9.5
1955	312	2/	15	327	44	274	9.4
1956	321	2	10	333	14	302	12.2
1957	324	1	17	342	14	308	11.4
1958	343	1	21	365	18	326	8.5
1959	347	2/	22	369	23	319	8.2
1960	419	2/	27	446	10	411	9.4
1961	444	2/	25	469	10	438	8.5
1962	480	2/	21	501	9	457	8.1
1963	578	1	34	613	10	578	8.9
1964	535	1	25	561	11	527	11.4
1965	563	1	22	586	15	530	11.8
1966	612	1	40	653	19	563	8.4
1967	545	2	70	617	12	567	6.2
1968	526	2/	39	565	14	526	8.3
1969	578	2/	26	604	23	544	11.0
1970 3/	554	2/	37	591	10	518	11.0
1971			63				

1/ Includes edible beef tallow, oleo stock, oleo oil and oleo stearine. Since 1959 mainly edible tallow. 2/ Less than 500,000 pounds. 3/ Preliminary.

Table 134.--Edible beef fats 1/: Utilization, year beginning October, 1950-70

Year beginning October	Food uses				Total non food uses	Domestic disappearance	
	Shortening	Margarine	Other	Total		Total	Per capita
Million pounds							
1950	24	7	114	145	1	147	1.0
1951	31	7	98	136	1	136	.9
1952	42	13	124	179	2	182	1.1
1953	79	11	128	218	4	222	1.4
1954	115	10	113	238	4	242	1.5
1955	129	6	135	270	4	274	1.6
1956	213	9	76	298	4	302	1.8
1957	239	9	54	301	6	308	1.8
1958	267	8	45	321	4	326	1.9
1959	251	7	52	310	9	319	1.8
1960	333	6	63	402	10	411	2.2
1961	352	9	68	429	10	438	2.4
1962	353	11	82	447	9	457	2.4
1963	453	22	99	574	5	578	3.0
1964	406	13	100	519	8	527	2.7
1965	460	6	57	523	7	530	2.7
1966	511	9	30	550	13	563	2.8
1967	492	13	54	559	8	567	2.8
1968	482	14	20	516	11	526	2.6
1969	518	10	2	530	14	544	2.7
1970 3/	496	10	3	509	10	518	2.5
1971							

1/ Includes edible beef tallow, oleo stocks, oleo oil, and oleo stearine. Since 1959 edible tallow only.

2/ Less than 500,000 pounds.

3/ Preliminary.

Table 135.--Tallow, edible: Supply, disposition and price, 1950-70

Year beginning October	Supply				Disposition			Price per pound Tanks, loose Chicago
	Production	Imports	Stocks Oct. 1	Total	Exports	Domestic disappearance		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Cents	
1950	74	2/	6	80	5	71	14.7	
1951	88	2/	4	92	11	76	8.5	
1952	122	2/	6	128	15	107	6.5	
1953	167	2/	6	173	22	144	10.4	
1954	180	2/	7	187	6	169	9.5	
1955	225	2/	12	237	21	208	9.4	
1956	259	2	8	269	7	247	12.2	
1957	280	1	15	296	6	272	11.4	
1958	327	1	19	347	9	317	8.5	
1959	339	2/	22	361	15	319	8.2	
1960	414	2/	27	441	5	411	9.4	
1961	439	2/	25	464	5	438	8.5	
1962	475	2/	21	496	5	457	8.1	
1963	572	1	34	607	4	578	8.9	
1964	528	1	25	554	5	527	11.4	
1965	551	1	22	573	3	530	11.8	
1966	597	1	40	638	5	563	8.4	
1967	540	2	70	612	6	567	6.2	
1968	520	2/	39	559	8	526	8.3	
1969	566	2/	26	592	11	544	11.0	
1970 3/	550	2/	37	587	6	518	11.0	
1971			63					

1/ Reported production of edible tallow except for 1950-54 minus other pressing and 1955-58 minus other processing.
2/ Less than 500,000 pounds. 3/ Preliminary.

Table 136.--Tallow edible: Utilization, by products, 1950-70

Year beginning October	Food Uses				Nonfood Uses			Total domestic disappearance
	Shortening	Margarine	Other	Total	Soap	Other	Total	
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	
1950	13	1/	6	69	1/	1	1	71
1951	22	1/	53	75	1/	1	1	76
1952	35	1	68	104	---	2	2	107
1953	71	1	72	144	---	1	1	144
1954	107	1	57	165	1	3	4	169
1955	124	3	78	205	1/	4	4	208
1956	206	6	31	243	1/	4	4	247
1957	234	5	26	265	1/	6	6	272
1958	267	7	39	313	---	4	4	317
1959	251	7	52	310	---	9	9	319
1960	333	6	63	402	---	10	10	411
1961	352	9	68	429	---	10	10	438
1962	353	11	82	447	---	9	9	457
1963	453	22	99	574	---	5	5	578
1964	405	12	102	519	---	9	9	527
1965	460	6	57	523	---	7	7	530
1966	511	9	30	550	---	13	13	563
1967	492	13	4	559	---	8	8	567
1968	482	14	20	516	---	11	11	526
1969	518	10	2	530	---	14	14	544
1970 2/	496	10	3	509	---	10	10	518
1971								

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 137.--Tallow, edible: Supply, disposition, and price, 1950-71

Year	Supply				Disposition		Price per pound
	Production	Imports	Stocks, January 1	Total	Exports and shipments	Domestic disappearance	Tanks, loose Chicago
-- Million pounds --							Cents
1950	79	1/	5	83	6	71	9.6
1951	68	1/	7	75	6	63	13.7
1952	94	1/	6	100	11	82	7.3
1953	137	1/	6	143	20	114	7.6
1954	171	---	10	181	15	156	10.6
1955	186	1/	10	196	8	173	9.0
1956	238	1/	15	253	20	214	10.3
1957	265	2	19	286	7	259	11.9
1958	297	1	20	318	5	286	11.0
1959	322	1/	33	355	13	319	7.9
1960	352	1/	23	376	12	337	8.5
1961	435	1/	26	461	3	433	9.2
1962	430	1/	25	455	6	416	8.8
1963	528	1/	33	561	4	521	8.0
1964	553	1	36	590	5	543	9.5
1965	530	1	42	573	4	538	11.6
1966	567	1	31	599	4	544	11.3
1967	578	1	51	630	5	551	7.5
1968	538	2	73	613	6	557	6.3
1969	535	1/	90	585	7	531	9.3
1970	558	1/	46	604	11	546	11.2
1971 2/	542	1/	47	589	6	541	10.8
1972			42				

1/ Less than 500,000 pounds.

Table 138.--Tallow, edible: Utilization, by products, 1950-71

Year	Food uses				Nonfood uses			Total domestic disappearance
	Shortening	Margarine	Other	Total	Soap	Other	Total	
-- Million pounds --								
1950	17	---	52	69	1	1/	2	71
1951	14	1/	44	58	1/	5	5	63
1952	25	1	57	82	---	---	---	82
1953	39	1	72	113	---	1	1	114
1954	81	1/	74	155	---	1/	1/	156
1955	111	2	55	169	1	3	4	173
1956	135	3	72	210	1/	4	4	214
1957	220	6	26	253	1/	6	6	259
1958	248	5	27	281	---	5	5	286
1959	257	8	49	313	---	6	6	319
1960	268	6	54	328	---	8	8	337
1961	348	6	70	424	---	9	9	433
1962	338	10	59	407	---	10	10	416
1963	413	11	86	510	---	11	11	521
1964	430	25	83	538	---	5	5	543
1965	388	9	132	529	---	9	9	538
1966	491	5	37	533	---	11	11	544
1967	506	10	29	545	---	7	7	551
1968	487	15	47	549	---	8	8	557
1969	483	13	24	520	---	12	12	531
1970	522	9	2	533	---	13	13	546
1971 2/	517	10	3	530	---	11	11	541

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 139.--Yellow, edible: Supply, disposition and price, by months, 1958-71

Year beginning October	Production												Total or average
	October	November	December	January	February	March	April	May	June	July	August	September	
--- Million pounds ---													
1958	30	27	26	30	31	26	27	30	25	26	27	23	327
1959	23	28	26	30	31	28	26	30	29	26	32	29	339
1960	30	32	29	32	37	35	35	41	37	32	40	35	424
1961	36	40	36	38	39	36	33	41	37	33	39	32	439
1962	36	34	32	38	42	41	39	46	40	39	45	40	475
1963	53	53	49	44	49	45	47	53	49	41	43	46	528
1964	48	47	41	47	47	43	40	45	40	41	49	46	551
1965	45	49	45	48	48	45	41	49	46	42	45	44	597
1966	48	55	51	51	53	51	50	50	44	42	45	44	540
1967	43	46	46	46	46	44	41	42	40	40	43	44	520
1968	48	44	41	46	46	44	41	42	40	42	44	48	566
1969	50	49	49	50	48	47	48	47	46	42	44	48	566
1970 1/	47	46	47	50	49	52	43	43	45	40	41	48	550
1971 1/	42	44	45	42	46	46							
1972													
1973													

Stocks, first of month													
1958	19	21	21	33	31	31	30	30	30	28	28	24	
1959	22	19	19	23	27	28	27	24	23	22	23	24	
1960	27	25	25	26	25	24	26	26	31	31	34	30	
1961	25	24	21	25	26	25	24	24	26	29	30	24	
1962	21	22	24	33	38	43	47	50	26	49	47	39	
1963	34	30	29	36	36	37	37	38	39	38	36	30	
1964	25	24	29	42	48	46	42	35	35	30	28	24	
1965	22	23	26	31	37	37	41	41	50	51	50	46	
1966	40	43	43	51	63	75	78	81	84	84	80	73	
1967	70	73	70	73	73	82	85	84	72	70	60	46	
1968	39	41	43	50	50	54	44	47	44	33	28	28	
1969	26	26	34	46	46	49	44	40	37	36	35	29	
1970 1/	37	36	38	47	47	38	37	35	42	46	50	58	
1971 1/	63	39	37	41	42	38	38						
1972													
1973													

Exports and shipments													
1958	2/	2/	1	2/	1	1	1	1	1	1	1	1	9
1959	2	2	2	1	2/2/	2/	2	2/	2	2/	2/	2/	15
1960	1	1	1	1	1	1	1	1	1	1	1	1	5
1961	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	5
1962	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	5
1963	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	4
1964	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	5
1965	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	5
1966	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	3
1967	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	5
1968	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	6
1969	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	8
1970 1/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	11
1971 1/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	2/2/	6
1972													
1973													

Domestic disappearance													
1958	28	27	13	31	30	26	26	29	27	26	31	23	317
1959	24	26	20	25	30	28	28	30	27	25	30	25	319
1960	31	30	27	33	37	33	36	35	37	29	43	29	421
1961	37	43	31	36	40	36	33	37	32	32	45	35	438
1962	34	32	23	34	37	37	35	42	45	40	53	45	457
1963	57	54	42	43	49	43	46	52	49	46	51	45	578
1964	48	42	28	40	49	46	46	45	44	42	46	47	527
1965	44	45	39	42	49	41	40	40	44	42	54	50	530
1966	45	55	43	39	41	47	44	59	46	44	52	46	563
1967	40	48	42	39	46	42	49	53	47	53	57	52	567
1968	45	42	33	44	42	54	37	44	52	44	43	46	526
1969	49	40	38	50	44	51	50	49	47	42	46	38	544
1970 1/	47	44	38	47	50	52	45	35	42	42	46	42	548
1971 1/	66	45	41	42	44	44					33	42	
1972													
1973													

Price per pound, loose, Chicago													
1958	10.7	10.4	9.4	8.4	7.7	8.1	8.7	8.3	8.1	7.8	7.1	7.6	8.5
1959	8.0	8.1	7.3	6.9	7.2	7.9	8.3	8.2	8.4	9.5	9.9	8.3	8.2
1960	8.6	9.5	9.1	9.6	11.0	11.2	10.9	9.8	8.3	8.2	8.2	8.2	9.4
1961	8.3	8.1	8.4	8.4	8.5	8.9	8.9	8.9	8.4	8.2	8.5	8.5	8.5
1962	10.2	9.6	8.6	8.2	8.2	7.6	7.5	7.1	7.0	7.8	7.7	8.0	8.1
1963	9.3	9.4	8.7	8.6	8.6	8.4	8.6	8.5	8.6	8.5	9.2	10.0	8.9
1964	11.6	11.6	11.4	11.1	11.1	11.3	12.1	11.2	11.2	11.5	11.2	12.1	11.4
1965	12.3	11.8	12.2	12.5	12.7	12.3	12.0	10.8	10.3	10.8	12.4	11.4	11.8
1966	10.6	10.6	9.7	8.9	8.2	8.0	8.2	7.9	6.9	6.6	7.9	7.5	8.4
1967	6.9	6.5	6.9	6.5	6.3	6.1	6.0	5.8	5.6	5.7	5.9	6.4	6.2
1968	7.1	7.2	6.8	7.6	8.4	8.7	8.6	8.5	8.4	8.9	9.6	9.7	8.3
1969	11.6	11.8	9.8	9.2	9.6	11.5	10.7	10.8	11.0	10.9	12.3	12.8	11.0
1970 1/	11.8	12.5	10.5	9.3	10.0	11.8	11.0	11.0	10.3	11.0	11.8	11.5	11.0
1971 1/	10.5	10.5	10.3	10.0	10.8	10.0							
1972													
1973													

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 140.--Tallow, inedible, and greases: Supply, disposition and price, 1950-71

Year beginning October	Supply				Disposition			Price per pound Chicago	
	Apparent production ^{1/}	Imports	Stocks, Oct. 1	Total	Exports and shipments	Domestic disappearance		Prime	No. 1
						Total	Per capita		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Cents	Cents
1950	2,343	4	279	2,626	509	1,777	11.7	13.5	11.9
1951	2,268	1	340	2,609	720	1,550	10.0	6.3	5.1
1952	2,616	1	340	2,957	1,070	1,523	9.7	4.3	3.6
1953	2,661	3	363	3,027	1,186	1,574	9.8	6.2	5.6
1954	2,875	4	268	3,147	1,265	1,620	9.9	7.0	6.5
1955	3,215	2	260	3,477	1,494	1,677	10.1	6.9	6.3
1956	3,141	3	306	3,456	1,431	1,786	10.6	7.1	6.6
1957	2,896	2/	239	3,135	1,107	1,799	10.5	7.6	7.0
1958	3,214	2	230	3,444	1,311	1,808	10.3	6.5	6.0
1959	3,540	2/	327	3,867	1,718	1,806	10.2	5.2	4.5
1960	3,561	2/	343	3,904	1,769	1,745	9.7	6.0	5.3
1961	3,776	2	389	4,167	1,710	2,093	11.4	5.1	4.6
1962	3,829	2	365	4,196	1,738	2,124	11.4	5.0	4.5
1963	4,604	2	334	4,940	2,338	2,320	12.2	5.9	5.4
1964	4,461	2	282	4,743	2,155	2,239	11.7	7.8	7.3
1965	4,419	1	351	4,770	1,962	2,393	12.3	7.3	6.8
1966	4,766	4	417	5,187	2,214	2,565	13.0	5.5	5.0
1967	4,751	6	409	5,166	2,212	2,577	12.9	4.6	4.2
1968	4,601	4	377	4,982	2,009	2,670	13.2	5.8	5.4
1969	4,830	7	304	5,141	2,051	2,721	13.3	7.5	7.0
1970 ^{3/}	5,232	7	370	5,629	2,591	2,628	12.8	7.6	6.8
1971			410						

^{1/} Apparent production computed from Census factory consumption, net foreign trade, and change in stocks. 1966-69 Census reported production. ^{2/} Less than 500,000 pounds. ^{3/} Preliminary.

Table 141.--Tallow, inedible, and greases: Utilization, by products, 1950-70

Year beginning October	Non-food products						Loss	Total
	Soap	Animal feeds	Fatty acids	Lubricants and similar oils	Other			
1950	1,280	---	250	28	217	1	1,777	
1951	1,103	---	199	24	224	---	1,550	
1952	1,008	---	237	24	252	1	1,523	
1953	867	71	245	25	258	8	1,574	
1954	861	174	267	38	268	12	1,620	
1955	840	263	290	38	229	17	1,677	
1956	788	383	284	34	285	13	1,786	
1957	744	542	249	29	232	3	1,799	
1958	732	476	353	66	182	---	1,808	
1959	735	439	391	80	162	---	1,806	
1960	732	443	351	70	151	---	1,745	
1961	702	732	402	79	177	---	2,093	
1962	688	774	433	78	151	---	2,124	
1963	660	861	478	91	230	---	2,320	
1964	690	714	530	102	203	---	2,239	
1965	649	855	575	107	208	---	2,393	
1966	665	972	547	98	283	---	2,565	
1967	631	990	576	89	291	---	2,577	
1968	637	1,061	585	98	289	---	2,670	
1969	601	1,093	610	97	320	---	2,721	
1970 ^{1/}	616	1,140	568	89	214	---	2,628	

^{1/} Preliminary.

Table 142.--Tallow, inedible, and greases: Supply, disposition, and price, 1950-71

Year	Supply				Disposition		Price per pound, Chicago	
	Apparent production ^{1/}	Imports	Stocks, Jan. 1	Total	Exports and shipments	Domestic disappearance	Prime	No. 1
Million pounds								
							Cents	Cents
1950	2,272	2	352	2,626	536	1,807	8.8	7.6
1951	2,256	3	283	2,542	537	1,660	12.1	10.6
1952	2,318	1	345	2,664	748	1,541	5.5	4.4
1953	2,690	1	375	3,065	1,197	1,568	4.4	3.7
1954	2,679	4	300	2,983	1,162	1,559	6.6	6.1
1955	2,965	3	262	3,231	1,296	1,635	7.2	6.6
1956	3,232	1	299	3,533	1,493	1,686	6.7	6.1
1957	3,122	3	353	3,478	1,384	1,815	7.4	6.8
1958	2,937	2/	278	3,216	1,115	1,805	7.5	6.9
1959	3,264	2	296	3,546	1,462	1,775	6.1	5.4
1960	3,507	2/	325	3,832	1,696	1,832	5.2	4.5
1961	3,645	1	305	3,950	1,805	1,737	5.9	5.4
1962	3,745	2	408	4,153	1,595	2,163	5.1	4.5
1963	4,058	3	397	4,458	1,874	2,206	5.2	4.7
1964	4,688	2	377	5,067	2,399	2,302	6.4	5.9
1965	4,383	2	366	4,751	2,127	2,210	7.8	7.2
1966	4,480	1	414	4,895	1,975	2,473	7.0	6.5
1967	4,753	6	447	5,205	2,222	2,559	5.1	4.6
1968	4,745	6	425	5,176	2,240	2,580	4.6	4.2
1969	4,655	6	358	5,019	1,896	2,775	6.4	6.0
1970 ^{3/}	4,905	7	348	5,260	2,242	2,622	7.7	7.1
1971 ^{3/}	5,210	5	396	5,611	2,607	2,623	7.2	6.6
1972			380					
1973								

^{1/} Apparent production computed from Census factory consumption, net foreign trade, and change in stocks. 1966-69 Census reported production. ^{2/} Less than 500,000 pounds. ^{3/} Preliminary.

Table 143.--Tallow, inedible, and greases: Utilization, by products, 1950-70

Year	Non-food products						Total domestic disappearance
	Soap	Animal feeds	Fatty acids	Lubricants and similar oils	Other	Loss	
-- Million pounds --							
1950	1,363	---	229	22	193	---	1,807
1951	1,195	---	243	22	200	---	1,650
1952	1,084	---	187	27	243	1	1,541
1953	1,026	---	252	29	261	1	1,568
1954	907	111	242	29	262	9	1,559
1955	864	181	278	30	265	16	1,635
1956	813	296	286	28	248	16	1,686
1957	789	425	284	30	275	12	1,815
1958	727	550	256	27	245	---	1,805
1959	729	445	373	23	205	---	1,775
1960	746	449	386	78	172	---	1,832
1961	721	442	356	73	145	---	1,737
1962	683	822	411	80	166	---	2,163
1963	684	782	449	80	211	---	2,206
1964	691	838	485	98	190	---	2,302
1965	651	717	540	99	204	---	2,210
1966	667	893	583	107	224	---	2,473
1967	643	972	545	92	151	---	2,559
1968	639	1,011	573	92	162	---	2,580
1969	635	1,078	608	101	173	---	2,775
1970	602	1,098	585	96	240	---	2,622
1971 ^{1/}	588	1,143	585	81	226	---	2,623
1972							
1973							

^{1/} Preliminary.

Table 144.--Tallow, inedible and grease: Supply, disposition and price, by months, crop years 1958-71

Year beginning October	Production 1/											Total or average	
	October	November	December	January	February	March	April	May	June	July	August		September
-- Million pounds --													
1958	297	236	291	268	235	267	275	268	273	260	255	289	3,214
1959	310	263	301	301	309	309	315	277	281	284	295	295	3,540
1960	304	263	274	320	263	307	267	317	289	350	309	298	3,561
1961	295	363	327	307	312	333	268	316	357	311	317	311	3,776
1962	303	310	279	341	272	343	335	349	315	345	326	310	3,829
1963	394	371	357	374	377	395	371	403	425	415	378	353	4,604
1964	405	388	413	363	359	371	375	359	395	320	343	371	4,461
1965	358	361	399	365	358	342	337	374	368	366	403	376	4,419
1966	380	392	411	406	388	420	394	404	419	364	406	374	4,766
1967	387	396	394	415	382	38	379	426	398	398	398	390	4,752
1968	432	377	362	409	373	380	366	372	364	323	374	383	4,601
1969	433	394	398	420	373	392	407	392	395	411	390	420	4,840
1970 2/	417	434	449	434	402	504	435	420	467	401	420	470	5,252
1971 2/	411	416	431	459	409	492							
1972													
1973													
Stocks, first of month													
1958	230	270	251	296	294	298	297	299	310	317	332	323	
1959	327	333	327	325	325	346	334	323	292	282	301	311	
1960	343	340	331	305	347	354	355	340	356	333	372	379	
1961	389	401	398	408	408	395	426	412	358	340	381	366	
1962	365	371	397	397	475	430	434	427	379	335	349	355	
1963	334	353	373	377	387	423	401	402	334	332	315	305	
1964	282	294	312	366	437	440	448	419	372	354	354	320	
1965	351	368	392	414	435	446	410	414	357	352	382	394	
1966	417	423	431	447	489	472	501	497	422	422	397	394	
1967	409	435	442	425	489	440	438	428	442	407	420	400	
1968	377	387	376	358	422	425	419	336	306	281	283	290	
1969	304	331	354	348	447	430	370	366	339	320	342	325	
1970 2/	470	348	392	395	423	350	381	364	374	402	432	425	
1971 2/	410	401	397	380	412	393	379						
1972													
1973													
Exports and shipments													
1958	91	111	88	120	85	109	110	107	115	124	119	131	1,311
1959	149	131	161	152	144	158	173	152	121	148	124	126	1,718
1960	146	120	153	136	119	155	136	151	156	205	150	142	1,769
1961	134	151	169	121	157	118	124	170	180	120	136	172	1,710
1962	109	116	114	74	140	165	164	201	182	178	137	159	1,758
1963	157	160	158	168	154	232	183	274	221	262	191	176	2,338
1964	184	191	161	95	180	172	225	220	225	168	181	151	2,155
1965	166	146	197	146	195	168	143	221	145	168	171	136	1,962
1966	154	202	165	133	210	159	197	212	245	215	190	22	2,214
1967	185	186	160	152	211	176	218	168	167	218	177	172	2,212
1968	165	166	225	110	129	183	220	203	155	139	173	141	2,009
1969	139	141	169	149	134	235	180	202	230	186	146	146	2,051
1970 2/	230	182	223	190	275	239	236	183	208	162	215	248	2,591
1971 2/	211	211	229	205	198	220							
1972													
1973													
Domestic disappearance 3/													
1958	166	144	157	150	145	160	162	149	152	120	147	154	1,868
1959	155	138	142	150	143	164	153	156	169	117	161	156	1,806
1960	162	152	147	142	137	151	146	150	155	106	152	146	1,745
1961	149	156	148	186	169	183	178	201	194	150	197	183	2,093
1962	188	168	165	189	178	174	178	196	176	154	184	173	2,124
1963	218	191	195	196	187	176	188	196	206	170	196	200	2,320
1964	208	179	198	197	176	191	179	196	188	151	196	189	2,239
1965	185	191	181	199	192	210	190	210	228	166	221	217	2,393
1966	222	188	229	216	214	232	201	208	224	185	220	228	2,565
1967	177	203	252	199	215	214	172	246	243	219	200	236	2,577
1968	258	222	155	236	246	204	250	199	235	242	194	229	2,670
1969	267	232	242	203	232	217	232	218	185	211	253	230	2,721
1970 2/	209	209	223	218	201	233	216	227	231	200	222	237	2,628
1971 2/	209	207	220	222	229	246							
1972													
1973													
Price per pound, inedible tallow prime, c.a.f. delivered, Chicago													
-- Cents --													
1958	7.6	7.6	7.2	6.8	6.5	6.8	6.7	6.6	6.4	6.0	5.7	5.8	6.6
1959	5.6	5.5	5.1	4.8	5.0	5.4	5.6	5.3	5.0	5.1	5.3	5.2	5.2
1960	5.2	5.4	5.2	5.6	6.1	8	7.6	7.4	5.8	5.8	5.6	5.2	6.0
1961	5.1	4.8	5.3	5.7	5.2	2.7	5.5	5.2	4.8	4.8	4.7	5.1	5.1
1962	5.1	4.9	4.7	4.7	4.7	4.8	5.1	5.2	5.3	5.4	5.3	5.4	5.0
1963	5.7	5.8	5.6	5.5	5.6	5.8	5.9	5.8	5.8	6.0	6.5	7.1	5.9
1964	7.2	7.6	8.2	7.8	8.3	8.4	8.6	8.1	7.8	7.7	7.2	7.2	7.8
1965	7.4	7.1	7.4	6.9	7.6	7.4	7.2	7.2	7.1	7.2	7.0	7.1	7.3
1966	6.5	5.8	6.1	6.1	5.7	5.2	5.2	5.2	5.0	4.9	5.0	4.9	5.5
1967	4.9	4.6	4.5	4.5	4.6	4.6	4.8	4.8	4.6	4.4	4.5	4.5	4.6
1968	4.6	4.8	4.5	4.8	4.9	5.6	6.0	6.0	6.3	6.8	7.6	7.8	5.8
1969	7.3	7.3	6.6	6.9	6.6	7.4	8.1	8.3	7.9	8.1	8.2	7.7	7.5
1970 2/	8.3	8.0	7.2	7.1	7.6	8.0	7.8	7.6	7.4	7.2	7.3	7.2	7.6
1971 2/	7.0	6.7	5.6	5.8	5.7	5.8							
1972													
1973													

1/ Computed production based on Census reported factory consumption, net foreign trade, and change in stocks. Census reported production 1966-69.
 2/ Preliminary. 3/ Includes imports which total about 6-7 million pounds annually.

Table 145.--Indexes of seasonal variation for selected inedible tallow and grease components ^{1/}

Item	October	November	December	January	February	March	April	May	June	July	August	September
	-- Percent of annual average --											
<u>Commercial beef production</u>												
1955-57	109.6	97.8	97.4	107.7	90.1	94.2	93.2	100.3	99.8	104.3	102.2	104.2
1968-70	108.4	95.4	97.7	105.0	92.9	98.1	97.3	98.8	101.6	101.2	100.2	103.2
<u>Inedible tallow production</u>												
1955-57	101.9	98.4	108.3	104.8	92.7	103.1	100.1	101.6	100.3	93.9	95.7	99.7
1968-70	103.2	100.4	103.0	104.8	96.2	99.4	99.6	98.0	98.6	99.5	96.9	100.3
<u>Tallow stocks, first of month</u>												
1955-57	92.8	95.4	101.7	108.2	105.2	105.5	99.5	97.7	95.2	97.5	100.2	96.9
1968-70	94.3	97.6	102.4	98.9	116.7	116.8	104.9	100.0	94.0	90.6	92.9	90.4
<u>Domestic disappearance</u>												
1955-57	107.7	97.6	99.2	103.1	96.9	105.2	101.2	101.3	98.6	86.8	105.3	103.3
1968-70	107.4	97.0	105.5	96.7	100.4	98.1	102.1	99.1	104.2	93.7	92.1	103.2
<u>Exports</u>												
1955-57	93.3	95.1	102.5	99.5	95.3	104.9	104.6	105.5	98.6	104.6	93.0	101.5
1968-70	95.1	91.8	96.7	80.7	111.3	111.0	115.4	105.9	106.9	89.8	104.9	90.2
<u>Prices ^{2/}</u>												
1955-57	102.6	103.4	101.2	97.9	96.3	99.8	99.9	100.6	83.9	99.3	99.9	101.1
1968-70	101.7	100.3	93.3	94.9	97.1	97.9	103.2	102.5	100.6	101.4	104.0	101.7
<u>Use in animal feeds</u>												
1959-61	95.6	93.0	96.1	102.1	99.9	112.0	103.5	105.0	104.3	96.9	97.3	94.4
1968-70	99.3	90.5	96.7	99.5	91.9	97.9	102.8	104.2	108.2	107.1	101.7	100.2
<u>Use in soap</u>												
1959-61	113.2	99.0	93.6	102.5	91.9	99.3	99.0	107.6	105.7	79.2	110.2	100.1
1968-70	111.0	96.1	89.8	101.2	97.9	99.9	100.9	106.3	103.5	90.9	95.3	106.2
<u>Use in lubricants</u>												
1959-61	94.3	94.2	97.6	106.9	103.5	101.8	105.5	106.0	98.4	87.9	106.9	95.5
1968-70	108.0	116.6	98.6	99.7	93.7	100.6	94.7	94.5	98.9	91.0	99.6	104.1
<u>Use in fatty acids</u>												
1959-61	107.7	108.7	99.7	101.6	93.5	106.3	97.4	106.7	107.6	61.9	106.0	103.0
1968-70	101.2	108.8	95.6	103.3	94.1	108.1	106.7	104.1	99.4	80.0	98.6	100.6

^{1/} Annual averages (equal 100) were computed from monthly data for marketing year. Stable seasonality at the 1% level indicated by the "F" value for all series except for use of tallow in lubricants.
^{2/} Tallow, inedible, packers' prime, average price per pound, delivered, c.a.f., Chicago.

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USDA STATISTICAL BULLETINS

UPDATA

U.S. FATS AND OILS STATISTICS, 1950-71

KRONER, G. W. ET AL

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Table 146.--Marine oils: Supply, disposition and price, 1950-71

Year	Supply				Disposition			Price per pound			
	Production 1/		Imports 2/	Stocks Jan. 1	Exports and shipments 3/	Domestic disappearance	Menhaden oil		Sperm oil, New York		
	Menhaden	Total					Crude, tanks, Baltimore	Light, tanks, New York	Natural 45°	Bleached, winter 45°	
-- Million pounds --											
Cents											
1950	77	166	74	109	350	77	182	8.7	12.1	15.1	16.2
1951	94	140	84	90	314	51	166	14.0	17.8	18.1	19.1
1952	97	124	81	98	304	46	165	7.2	11.6	15.3	16.5
1953	134	155	69	94	317	108	135	6.9	10.8	12.9	14.0
1954	140	166	53	74	293	142	83	7.8	10.9	14.6	15.6
1955	159	191	90	64	345	143	96	8.2	10.5	15.8	16.8
1956	168	207	70	105	382	144	135	8.8	11.5	16.1	17.1
1957	118	165	60	103	328	120	129	8.9	11.6	17.0	18.0
1958	128	173	83	78	333	96	112	8.0	10.9	16.2	17.2
1959	155	195	50	126	371	147	109	7.4	9.9	13.6	14.6
1960	183	215	56	114	385	147	153	6.5	9.8	14.4	15.4
1961	235	266	77	84	427	126	168	6.2	10.6	16.1	17.1
1962	233	296	85	133	474	130	162	4.6	10.1	17.1	18.1
1963	168	186	83	4/182	451	274	144	6.2	9.2	17.5	18.5
1964	158	180	80	145	405	158	107	8.7	10.7	16.8	17.8
1965	175	196	89	140	425	115	125	9.2	11.3	14.9	15.9
1966	144	164	78	185	427	82	186	9.4	11.3	14.5	15.5
1967	101	122	63	158	343	79	118	7.3	10.7	14.5	15.4
1968	152	173	68	146	387	72	161	5.0	9.6	14.5	15.5
1969	149	170	56	156	382	200	98	4.5	9.5	15.5	17.4
1970 6/	186	206	65	84	355	168	84	7.1	10.3	21.7	22.6
1971 5/	242	263	60	104	427	236	3/57	9.4	10.5	28.0	29.0
1972				135							
1973											

1/ Includes menhaden, tuna and mackerel, herring, fish liver, sperm, whale and seal oils. 2/ Mainly sperm oil but includes fish livers, vitamins and drugs derived from marine animals. 3/ Includes re-exports, fish livers, vitamins and drugs. 4/ Includes government stockpile beginning 1963. 5/ Factory consumption used for years in which reported factory consumption exceeds computed domestic disappearance. 6/ Preliminary.

Table 147.--Marine oils: Utilization, by products, 1950-71

Year	Use in shortening	Nonfood uses								Total domestic disappearance	
		Soap	Paint and varnish	Linoleum and oilcloth	Other drying oils	Lubricant and similar oils	Animal feeds	Fatty acids	Other		
-- Million pounds --											
1950	8	1	21	4	8	---	---	---	---	140	182
1951	2	---	22	2	5	---	---	---	---	135	166
1952	---	---	32	1	3	---	---	---	---	129	165
1953	---	1/	31	1/	2	---	---	---	---	108	135
1954	---	---	20	1	2	---	---	---	---	60	89
1955	---	---	13	---	21	---	---	---	---	62	96
1956	---	1/	14	---	18	---	---	---	---	103	135
1957	---	---	11	---	21	---	---	---	---	97	129
1958	---	---	12	---	18	---	---	---	---	82	112
1959	---	---	3	8	10	25	22	14	27	27	109
1960	---	---	33	---	15	37	25	2	41	41	153
1961	---	---	62	2	10	38	27	13	17	17	168
1962	---	---	68	---	2	25	36	19	13	13	162
1963	---	---	9	---	13	29	12	16	10	10	2/89
1964	---	---	23	---	18	24	---	12	31	31	107
1965	---	---	26	---	19	22	---	12	47	47	125
1966	---	---	9	---	18	26	---	18	114	114	186
1967	---	---	14	---	17	21	---	21	45	45	118
1968	---	---	19	---	22	19	---	9	91	91	161
1969	---	---	26	---	23	22	---	4	23	23	98
1970 3/	---	---	8	---	17	22	---	23	14	14	84
1971 3/	---	---	9	---	19	16	---	13	---	---	2/57
1972											
1973											

1/ Less than 500,000 pounds. 2/ Factory consumption used for years in which reported factory consumption exceeds calculated domestic disappearance. 3/ Preliminary.

Table 148.--Marine oils: Production by coasts, class and species, 1953-71

Coast, class and species	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971*	1972*
-- Million pounds --																				
Atlantic and Gulf Coasts																				
Body oils:																				
Menhaden	133.7	139.8	159.2	168.2	118.5	128.0	154.7	183.4	235.2	232.6	167.6	157.7	175.2	144.2	101.4	152.0	149.2	186.3	242.1	
Alewife	---	---	---	.6	.8	.3	.3	.6	.1	.9	.3	.8	.3	1.2	1.8	1/	1/	.8	1/	
Herring	1.5	1.7	.4	1.0	1.0	1.6	1.4	1.0	2/	2/	2/	2.5	5.3	6.1	6.8	10.5	3.5	5.4	7.2	
Other 3/	2.6	3.3	4.3	3.8	6.0	6.9	5.3	3.5	2.4	3.1	2.9	1.8	2.4	2.7	2.9	3.1	5.0	2.5	3.2	
Total	137.8	144.8	163.9	173.6	126.3	136.8	161.7	188.5	240.7	235.6	170.8	162.8	183.2	154.2	112.9	165.6	157.7	195.0	252.5	
Liver and viscera oils:																				
Cod	.9	1.2	1.2	2/1.4	1/	1/	1/	1/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Shark	2/	2/	2/	2/.7	2/.2	.2	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Other 4/	5/	.2	5/	.1	.9	.2	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Total	.9	1.4	1.2	2.2	1.2	.4	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Total oils, Atlantic and Gulf Coasts	138.7	146.2	165.1	175.8	127.5	157.2	161.7	188.5	240.7	236.6	170.8	162.8	183.2	154.2	112.9	165.6	157.7	195.0	252.5	
Pacific Coast 6/																				
Body oils:																				
Herring	4.0	4.0	7.7	12.7	13.0	11.6	13.6	10.5	2/6.1	5.1	5.7	7.9	3.2	1.8	2/	2/	2/	2/	2/	2/
Tuna and Mackerel	4.9	4.4	4.1	5.3	5.5	4.7	4.5	3.8	5.7	5.0	5.9	4.8	4.8	4.1	5.2	4.5	4.3	3.5	4.9	
Whale (sperm and other)	---	---	---	---	3.3	3.2	3.9	3.3	3.5	2.6	2.1	3.2	2.7	2.1	2.5	2.4	1.7	.7	.4	
Sardine (Pilchard)	.1	5.7	6.7	2.5	.7	5.6	1.4	1.2	.6	.2	5/	---	---	---	---	---	---	---	---	---
Salmon	1.6	1.4	1.1	.6	.4	.7	.3	.1	.1	.1	.6	.5	.1	---	.1	1/	1/	1/	1/	1/
Other 7/	2.3	1.9	1.5	4.7	2.2	2.3	1.5	1.6	1.2	.5	.6	1.0	1.4	2.5	1.7	1.6	6.1	6.9	4.5	
Total	12.9	17.4	21.2	25.8	25.1	28.1	25.3	20.5	17.3	13.5	15.0	17.4	12.2	10.5	9.5	8.4	12.1	11.1	9.8	
Liver and viscera oils:																				
Shark	2/.2	2/.2	2/.4	2/	2/	2/	2/.2	2/.2	2/1/	2/1/	2/1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Other 8/	.5	2.3	.2	5/	5/	5/	2/.1	2/.2	2/1/	2/1/	2/1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Total	.7	2.5	.5	5/	5/	5/	2/.2	2/.2	2/1/	2/1/	2/1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Total oils, Pacific Coast 6/	13.6	19.8	21.7	25.8	25.2	28.1	25.6	20.7	17.4	13.5	15.0	17.4	12.2	10.5	9.5	8.4	12.1	11.1	9.8	
Total body oils, U.S.	150.7	162.2	185.1	199.4	151.4	164.9	187.0	209.0	258.0	250.1	185.8	180.2	195.4	164.7	122.4	174.1	169.8	206.1	262.3	
Total liver and viscera oils, U.S.	1.6	3.9	1.7	2.2	1.2	.4	.2	.2	.1	5/	5/	1/	1/	1/	1/	1/	1/	1/	1/	1/
Total oils, U.S.	152.3	166.1	186.8	201.6	152.6	165.3	187.2	209.2	258.1	250.1	185.8	180.2	195.4	164.7	122.4	174.1	169.8	206.1	262.3	

1/ Not shown separately. 2/ East and West Coast combined. 3/ Includes groundfish and unclassified body oils. 4/ Includes tuna, burbot, flounder, hake, halibut, pollock, cod, swordfish, sea bass, whale and mixed liver oils. 5/ Less than 50,000 pounds. 6/ Includes Alaska, Hawaii, America Samoa and Puerto Rico. 7/ Includes anchovy, ocean perch, fur seal, bottomfish, halibut and unclassified body oils. 8/ Includes halibut, ratfish, sablefish, ling cod, and mixed liver and viscera oils. *Preliminary. Data converted from gallons at 7.5 pounds per gallon for years 1953-61. Total U.S. production shown here does not necessarily agree with data in Table 146 due to varying conversion factors, mainly prior to 1962. Compiled from official statistics of the National Marine Fisheries Service, U.S. Department of Commerce.

Table 149.--Menhaden oil: U.S. production by coastal areas, 1953-71

Area	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971*
-- Million pounds --																			
North Atlantic ^{1/}	---	---	---	---	---	---	---	---	---	76.6	39.2	15.1	17.1	2.2	^{2/}	^{2/}	^{2/}	^{2/}	^{2/}
South Atlantic ^{3/}	---	---	---	---	---	---	---	---	---	35.5	30.3	35.9	33.8	41.4	39.8	57.1	29.1	46.3	51.4
Gulf ^{4/}	---	---	---	---	---	---	---	---	---	120.5	97.5	105.7	124.3	100.6	61.6	94.9	120.1	140.0	190.7
Total	135.7	139.8	159.2	168.2	118.5	128.0	154.7	183.4	235.2	232.6	167.6	157.7	175.2	144.2	101.4	152.0	149.2	186.3	242.1

^{1/} Includes the States of Maine, Massachusetts, Rhode Island, New York, New Jersey, Delaware and Maryland. ^{2/} Included with South Atlantic States. ^{3/} Includes the States of Virginia, North Carolina, South Carolina and East Coast of Florida. Includes one plant in Florida, West Coast, for 1956, 1957, and 1958. ^{4/} Includes the States of Mississippi, Louisiana, Texas and West Coast of Florida. Excludes one plant in Florida, West Coast, for 1956, 1967, and 1968. *Preliminary. Compiled from official statistics of the National Marine Fisheries Service, U.S. Department of Commerce.

Table 150.--Menhaden fishery: Number of plants, fish utilized and products obtained, 1953-71

Year	Number of plants	Menhaden reduced ^{1/}	Production of menhaden products										
			Dry scrap and meal			Oil			Solubles				
			Total	Yield per ton of fish	Pct.	Lb.	Million pounds	Yield per ton of fish	Pct.	Lb.	Million pounds	Yield per ton of fish	Pct.	Lb.
		-- Million pounds --											
1953	36	1,683.4	349.5	20.8	415	133.7	7.9	159	78.1	4.6	93		
1954	34	1,740.6	366.2	21.0	421	139.8	8.0	161	112.5	6.5	129		
1955	35	1,848.3	381.2	20.6	412	159.2	8.6	172	123.9	6.7	134		
1956	38	2,076.6	421.2	20.3	405	168.2	8.1	162	145.7	7.0	140		
1957	41	1,681.6	344.8	20.5	410	118.5	7.1	141	138.8	8.2	165		
1958	38	1,544.7	316.1	20.5	410	128.0	8.3	166	144.9	9.4	188		
1959	40	2,193.9	447.8	20.4	408	154.7	7.1	141	216.2	9.8	197		
1960	38	1,999.0	436.8	21.8	437	183.4	9.2	183	131.7	6.6	132		
1961	35	2,290.9	495.1	21.6	432	235.2	10.3	205	146.6	6.4	128		
1962	33	2,227.3	479.4	21.5	470	232.0	10.4	209	170.4	7.6	152		
1963	32	1,787.6	368.4	20.6	412	167.6	9.4	188	149.7	8.3	166		
1964	31	1,530.6	320.7	21.0	419	157.7	10.3	206	137.5	9.0	180		
1965	33	1,651.0	351.9	21.3	426	175.2	10.6	212	146.4	8.9	177		
1966	33	1,275.6	269.9	21.2	423	144.2	11.3	226	121.5	9.5	191		
1967	22	1,133.3	238.3	21.0	421	101.4	9.0	179	103.5	9.1	183		
1968	29	1,343.9	286.3	21.3	426	152.0	11.3	226	106.5	7.9	158		
1969	28	1,516.3	319.9	21.1	422	149.2	9.8	197	126.5	8.3	167		
1970	27	1,781.2	377.1	21.2	423	186.3	10.5	209	143.8	8.1	161		
1971*	26	2,150.0	422.0	20.6	411	242.1	11.3	225	182.5	8.5	170		

^{1/} May include small quantities of other species. ^{2/} For years 1953-61, data converted from gallons at 7.5 pounds per gallon, since 1963, a factor of 7.75 has been used. *Preliminary.

Compiled from official statistics of the National Marine Fisheries Service, U.S. Department of Commerce.

Table 151--Sperm oil: U.S. supply, disposition, utilization and price, 1960-71

Calendar year	Supply					Disposition				Census reported factory consumption			Price (drums, N.Y.)		
	U.S. production	Imports		Stocks Jan. 1 1/	Total supply	Exports	Domestic disappearance	Total	Lubricants and similar oils	Other inedible	Total	Natural, 45°	Bleached, winter 45°		
-- Million pounds --														Cents per pound	
1960	0.1	32.3	4.0	36.3	47.7	84.1	1.4	50.8	52.2	32.4	14.5	46.9	14.4	15.4	
1961	.7	52.2	6.4	58.6	31.9	91.2	1.2	51.1	52.3	33.3	13.5	46.6	16.1	17.1	
1962	.5	59.7	7.3	67.0	38.9	106.4	2.7	47.2	49.9	22.0	13.2	35.2	17.1	18.1	
1963	.7	60.5	5.5	66.0	56.5	123.2	5.6	46.1	51.7	23.9	12.2	36.1	17.5	18.5	
1964	.4	46.7	12.2	58.9	71.5	130.8	5.6	56.2	61.8	18.5	15.1	33.6	16.8	17.8	
1965	1.1	63.4	13.8	77.1	69.0	147.2	5.9	56.4	62.3	18.4	16.4	34.8	14.9	15.9	
1966	.6	50.5	7.6	58.1	84.9	143.6	4.4	80.1	84.5	22.5	6.5	29.0	14.5	15.5	
1967	1.0	43.4	7.9	51.3	59.1	111.4	1.8	43.3	45.1	19.3	17.9	37.2	14.5	16.4	
1968	.9	49.1	8.4	57.5	66.3	124.7	4.1	69.4	73.5	18.6	21.3	39.9	14.5	17.5	
1969	.4	39.5	6.5	46.0	51.2	97.6	3.3	50.2	53.5	18.9	22.6	41.5	15.5	17.4	
1970	.6	49.6	6.0	55.6	44.1	100.3	5.1	52.5	57.6	18.4	19.8	38.2	21.7	22.6	
1971 2/	.3	41.4	4.1	45.6	42.7	88.5	6.1	29.5	35.6	15.8	14.7	30.5	28.0	29.0	
1972					52.9										

1/ Includes GSA stockpile of 23 million pounds. 2/ Preliminary.

Table 152--Sperm oil: U.S. imports by country of origin and total value, 1960-71

Country of origin	Calendar year													
	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	
-- Million pounds --														
Japan	1.2	24.2	39.1	17.8	27.8	46.3	26.4	6.0	32.9	21.0	22.8	13.5		
Peru	18.6	12.0	4.4	19.9	8.0	11.6	6.5	7.0	8.7	11.0	14.4	3.2		
South Africa	---	---	---	3.3	4.0	3.8	21.1	2.2	3.4	3.3	6.5	3.3		
Netherlands	8.7	6.4	16.2	14.6	5.6	---	---	20.4	---	3.6	5.5	21.6		
United Kingdom	3.2	3.7	2.2	1.7	3.2	2.5	2.8	2.6	1.8	1.6	2.0	1.8		
Norway	4.5	9.1	5.1	7.4	9.8	12.5	1.3	1.1	6.6	1.6	.8	.2		
Others	.1	3.1	---	1.3	.4	.3	---	---	12.1	4.1	3.9	3.6		
Total imports	36.3	58.6	67.0	66.0	58.9	77.1	58.1	51.3	57.5	46.0	55.6	45.6		
Value of imports:														
Total (thou. dol.)	2,945	4,838	6,379	6,462	5,275	5,758	4,654	3,717	3,573	3,150	5,944	7,323		
Per pound (cent)	8.1	8.3	9.5	9.8	9.0	7.5	8.0	7.2	6.2	6.8	10.7	16.0		

Table 153.--Total fats and oils: U.S. production from domestic and imported materials and oil equivalent of exported domestic oilseeds, calendar years 1950-71

Commodity	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
-- Million pounds --												
Food fats and oils												
Butter (fat content)	1,327	1,162	1,128	1,294	1,310	1,244	1,250	1,234	1,196	1,136	1,155	1,236
Lard	2,631	2,863	2,881	2,355	2,330	2,660	2,757	2,547	2,426	2,780	2,562	2,514
Beef fats	175	145	183	235	271	283	321	318	332	332	359	440
Total edible animal fats	4,133	4,170	4,192	3,884	3,911	4,187	4,328	4,099	3,954	4,248	4,076	4,190
Corn oil	288	232	232	233	235	268	272	288	295	321	330	336
Cottonseed oil	1,606	1,417	1,717	1,877	2,000	1,810	1,827	1,569	1,435	1,687	1,816	1,794
Cottonseed, oil equivalent of exports 1/	3	2	3	4	4	7	4	4	2	2	2	2
Olive oil, edible	2	2	4	7	2	3	1	5	1	---	3	3
Peanut oil	145	181	105	58	69	18	83	99	63	98	81	97
Peanuts, oil equivalent of exports 2/	22	21	---	13	56	---	4	23	2	8	14	5
Safflower oil	---	---	---	---	---	---	---	---	---	---	---	---
Safflower seed, oil equivalent of exports 3/	---	---	---	---	---	---	---	---	---	---	---	---
Soybean oil	2,075	2,473	2,478	2,515	2,378	2,827	3,200	3,475	3,943	4,344	4,392	4,442
Soybeans, oil equivalent of exports 4/	187	241	235	440	478	745	762	966	926	1,347	1,627	1,469
Total edible vegetable oils	4,289	4,969	4,774	5,173	5,242	5,678	6,153	6,429	6,668	7,807	8,263	8,148
Soap fats and oils												
Coconut oil 5/	562	516	435	422	432	431	422	425	412	447	495	499
Fish and marine oils	166	140	124	156	166	191	207	155	169	192	215	266
Tallow and greases, inedible	2,272	2,256	2,318	2,690	2,679	2,959	3,232	3,122	2,937	3,264	3,507	3,645
Total soap fats and oils	2,900	2,912	2,877	3,268	3,277	3,587	3,861	3,702	3,518	3,903	4,217	4,410
Drying oils												
Castor oil	128	79	90	84	105	73	25	25	26	20	15	15
Linseed oil	750	759	545	503	651	618	621	566	497	487	368	426
Flaxseed (linseed oil equivalent of exports)	71	74	37	67	192	93	170	192	93	179	83	91
Tall oil	310	398	313	318	357	584	665	625	721	794	789	826
Tung oil	23	13	23	43	33	10	13	30	31	41	30	16
Total drying oils	1,282	1,323	1,008	948	1,332	1,378	1,494	1,448	1,308	1,521	1,285	1,374
Grand total	12,604	12,974	12,891	13,273	13,769	14,830	15,836	15,668	15,454	17,479	17,843	18,122
	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
										7/		
Food fats and oils												
Butter (fat content)	1,271	1,170	1,182	1,084	908	997	946	906	920	920		
Lard	2,476	2,473	2,473	2,045	1,929	2,076	2,062	1,904	1,913	1,967		
Beef fats	435	532	558	540	579	591	542	541	569	546		
Total edible animal fats	4,182	4,175	4,213	3,669	3,416	3,664	3,550	3,351	3,402	3,433		
Corn oil	305	391	414	466	447	444	493	466	478	485		
Cottonseed oil	1,045	1,917	1,933	1,974	1,674	1,108	1,115	1,426	1,212	1,209		
Cottonseed, oil equivalent of exports 1/	4	2	3	2	3	2	1	2	8	12		
Olive oil, edible	2	2	2	2	1	1	67	1	2	2		
Peanut oil	64	100	124	138	167	185	209	188	196	281		
Peanuts, oil equivalent of exports 2/	67	2	14	46	27	48	25	7	14	54		
Safflower oil	117	116	100	117	147	179	115	100	120	140		
Safflower seed, oil equivalent of exports 3/	---	---	---	133	83	86	64	49	47	40		
Soybean oil	4,889	5,053	4,944	5,236	5,811	6,150	6,150	6,805	8,086	8,082		
Soybeans, oil equivalent of exports 4/	1,770	1,926	2,305	2,504	2,729	2,898	3,239	3,423	4,832	4,656		
Total edible vegetable oils	9,156	9,509	9,839	10,558	11,090	11,101	11,371	12,467	14,921	14,561		
Soap fats and oils												
Coconut oil 5/	429	348	328	365	363	350	392	386	247	269		
Fish and marine oils	256	186	180	196	164	122	173	170	206	263		
Tallow and greases, inedible	3,745	4,056	4,688	4,383	4,480	4,733	4,745	4,655	4,975	5,210		
Total soap fats and oils	4,430	4,601	5,196	4,944	5,007	5,225	5,310	5,211	5,355	5,742		
Drying oils												
Castor oil	25	32	28	27	20	20	20	39	25	5		
Linseed oil	382	399	444	410	454	371	307	292	314	412		
Flaxseed (linseed oil equivalent of exports)	74	68	139	78	133	121	184	165	59	9		
Tall oil	880	991	1,104	1,145	1,243	1,211	1,239	1,284	1,252	1,268		
Tung oil	28	12	24	27	14	25	13	5	6	67		
Total drying oils	1,392	1,502	1,733	1,687	1,864	1,748	1,758	1,785	1,656	1,694		
Grand total	19,162	19,787	20,687	20,898	21,377	21,738	21,989	22,814	25,407	25,830		

1/ 17% oil content. 2/ Represents peanuts exported for crushing abroad. Shelled peanuts converted to oil basis, 43.5%. 3/ 36% oil content. 4/ 18.3% oil content. 5/ Oil produced from imported copra. 6/ Less than 500,000 pounds. 7/ Preliminary.

Table 154.--Total fats and oils: Supply, disposition, and utilization, by products, 1950-71

Year	Supply				Disposition								
	Production from domestic materials	Imports and production from imported materials	Stocks, January 1	Total	Exports 1/	Shipments to U. S. Territories	Domestic disappearance						
-- Million pounds --													
1950	12,056	1,320	2,178	15,554	1,984	61	11,523						
1951	12,414	1,160	1,986	15,560	2,389	57	10,751						
1952	12,341	1,001	2,363	15,705	2,215	64	10,762						
1953	12,806	1,001	2,664	16,471	2,597	58	10,805						
1954	13,269	994	3,012	17,275	3,880	63	11,062						
1955	14,364	1,056	2,264	17,684	4,078	67	11,600						
1956	15,422	984	1,982	18,388	4,881	69	11,654						
1957	15,275	1,008	1,734	18,017	4,596	74	11,685						
1958	15,089	1,047	1,662	17,798	3,828	65	12,096						
1959	17,023	1,032	1,809	19,864	5,251	85	12,203						
1960	17,353	1,074	2,325	20,752	5,901	64	12,649						
1961	17,611	1,345	2,138	20,894	5,105	77	12,898						
1962	18,712	1,171	2,814	22,697	5,913	94	13,718						
1963	19,338	1,104	2,972	23,414	6,462	89	13,264						
1964	20,672	1,131	3,599	25,402	8,211	110	14,360						
1965	20,532	1,189	2,721	24,442	7,361	120	14,516						
1966	21,013	1,359	2,445	24,817	6,610	115	15,298						
1967	21,004	1,316	2,794	25,114	7,125	116	15,205						
1968	21,496	1,398	2,668	25,562	7,336	121	15,700						
1969	22,431	1,411	2,405	26,247	7,472	141	16,398						
1970	25,152	1,369	2,236	28,757	10,008	133	16,267						
1971 2/	25,555	1,474	2,349	29,378	10,415	134	16,336						
1972			2,493										
Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap and secondaries)													
Food uses													
Nonfood uses													
Butter (fat content)	Lard (direct use)	Shortening	Margarine	Cooking and salad oils	Other edible oils	Total food	Soap	Drying oil products	Fatty acids	Animal feeds	Lubricants and greases	Other industrial products	Total non-food
-- Million pounds --													
1950	1,327	1,906	1,727	764	1,314	7,038	1,857	1,193	---	---	---	1,220	4,271
1951	1,213	1,896	1,405	851	1,197	6,562	1,571	1,151	---	---	---	1,312	4,034
1952	1,102	1,831	1,613	1,046	1,381	6,968	1,416	1,032	---	---	---	1,296	3,744
1953	1,104	1,778	1,681	1,049	1,426	7,035	1,349	1,086	---	---	---	1,290	3,726
1954	1,187	1,629	1,969	1,106	1,528	7,418	1,223	1,018	---	---	---	1,394	3,635
1955	1,237	1,642	1,988	1,075	1,717	7,658	1,158	1,124	---	---	---	1,673	3,955
1956	1,215	1,626	1,855	1,111	1,820	7,628	1,064	1,107	---	---	---	1,915	4,086
1957	1,176	1,592	1,824	1,182	1,851	7,624	1,037	1,032	---	---	---	2,017	4,085
1958	1,182	1,642	2,011	1,269	1,844	7,947	946	934	---	---	---	2,263	4,143
1959	1,145	1,538	2,244	1,291	1,559	8,246	867	924	1,150	505	151	677	4,274
1960	1,112	1,361	2,302	1,367	1,672	8,236	892	833	1,245	504	160	785	4,419
1961	1,112	1,395	2,459	1,386	1,888	8,611	855	855	1,226	502	153	736	4,327
1962	1,131	1,316	2,696	1,394	2,240	8,911	796	891	1,319	876	140	811	4,333
1963	1,083	1,191	2,611	1,450	2,074	8,805	797	879	1,408	827	151	866	4,928
1964	1,098	1,194	2,693	1,500	2,380	9,305	803	902	1,598	838	173	795	5,109
1965	1,040	1,226	2,768	1,534	2,636	9,517	740	909	1,735	717	184	711	5,002
1966	911	1,076	3,190	1,710	2,450	9,802	731	923	1,957	893	180	812	5,496
1967	887	1,056	3,243	1,703	2,529	9,901	718	859	1,893	972	143	833	5,418
1968	957	1,108	3,326	1,720	2,661	10,260	703	868	1,907	1,011	142	786	5,417
1969	908	1,012	3,505	1,744	3,149	10,789	706	738	1,943	1,078	172	976	5,613
1970	890	940	3,599	1,794	3,402	11,168	707	627	2,004	1,098	163	822	5,421
1971 2/	859	888	3,479	1,831	3,499	11,036	684	625	1,779	1,143	130	948	5,309

1/ Includes oil equivalent of cottonseed, soybeans, safflower, flaxseed and peanuts exported for crushing abroad.
2/ Preliminary.

Table 155.--Fats and oils: Use in products for civilian consumption, 1935-39 average, annual 1947-71

Year	Food products													
	Butter (actual weight)		Lard (direct use) 1/		Margarine (actual weight)		Baking and frying fats (shortening)		Salad and cooking oils 2/		Other edible uses 3/		All food products 4/	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.
Average 1935-39	2,196	17.0	1,424	11.0	371	2.9	1,519	11.8	---	---	844	6.5	5,857	45.4
1947	1,600	11.2	1,792	12.6	713	5.0	1,338	9.4	---	---	986	6.9	5,986	42.0
1948	1,450	10.0	1,850	12.7	887	6.1	1,410	9.7	---	---	1,037	7.1	6,183	42.6
1949	1,549	10.5	1,744	11.8	851	5.8	1,435	9.7	---	---	1,163	7.9	6,287	42.6
1950	1,614	10.7	1,891	12.6	918	6.1	1,656	11.0	---	---	1,297	8.6	6,890	45.9
1951	1,445	9.6	1,855	12.3	996	6.6	1,365	9.0	---	---	1,168	7.7	6,366	42.1
1952	1,316	8.6	1,817	11.8	1,219	7.9	1,562	10.2	---	---	1,339	8.7	6,765	44.1
1953	1,329	8.5	1,772	11.4	1,256	8.1	1,597	10.2	---	---	1,415	9.1	6,876	44.1
1954	1,410	8.9	1,627	10.2	1,346	8.5	1,870	11.8	---	---	1,514	9.5	7,238	45.5
1955	1,460	9.0	1,629	10.1	1,323	8.2	1,863	11.5	---	---	1,704	10.5	7,447	45.9
1956	1,439	8.7	1,623	9.8	1,354	8.2	1,797	10.9	---	---	1,800	10.9	7,475	45.2
1957	1,406	8.4	1,589	9.4	1,446	8.6	1,756	10.4	---	---	1,824	10.8	7,469	44.4
1958	1,418	8.3	1,640	9.6	1,549	9.0	1,935	11.3	---	---	1,804	10.5	7,770	45.3
1959	1,371	7.9	1,536	8.8	1,604	9.2	2,196	12.6	1,486	8.5	459	2.6	6,068	46.2
1960	1,332	7.5	1,358	7.6	1,676	9.4	2,238	12.6	1,630	9.2	414	2.3	8,064	45.3
1961	1,335	7.4	1,393	7.7	1,708	9.4	2,311	12.8	1,661	9.2	361	2.0	8,173	45.1
1962	1,342	7.3	1,314	7.2	1,709	9.3	2,469	13.4	2,021	11.0	134	.7	8,399	45.7
1963	1,281	6.9	1,490	6.4	1,785	9.6	2,529	13.5	2,066	11.1	384	2.1	8,639	46.3
1964	1,297	6.9	1,192	6.3	1,835	9.7	2,598	13.7	2,249	11.9	428	2.3	8,994	47.6
1965	1,232	6.4	1,225	6.4	1,891	9.9	2,695	14.1	2,398	12.5	313	1.6	9,147	47.8
1966	1,099	5.7	1,071	5.5	2,030	10.5	3,079	15.9	2,464	12.7	465	2.4	9,615	49.7
1967	1,076	5.5	1,055	5.4	2,046	10.5	3,108	15.9	2,474	12.7	482	2.5	9,634	49.4
1968	1,117	5.7	1,106	5.6	2,130	10.8	3,211	16.3	2,665	13.5	488	2.5	10,082	51.2
1969	1,081	5.4	1,011	5.1	2,154	10.8	3,248	17.1	2,863	14.4	470	2.4	10,333	51.9
1970	1,061	5.3	939	4.7	2,223	11.0	3,496	17.3	3,125	15.5	541	2.7	10,741	53.3
1971 5/	1,034	5.1	887	4.3	2,264	11.1	3,429	16.8	3,215	15.7	480	2.3	10,673	52.2
Industrial products														
	Soap		Drying oil products 6/		Fatty acids		Animal feeds		Other industrial products		All industrial products		Including only fat content of butter and margarine (fat content)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.	Mill. lb.	Lb.
Average 1935-39	1,638	12.8	774	6.0	---	---	---	---	440	3.4	2,852	22.2	8,709	67.5
1947	2,234	15.7	1,007	7.1	280	1.9	---	---	605	4.2	4,126	28.9	10,113	70.9
1948	2,039	14.0	1,071	7.4	276	1.9	---	---	3,946	3.9	4,569	27.2	10,129	67.8
1949	1,758	11.9	964	6.5	413	2.8	---	---	441	3.0	3,576	24.2	9,863	66.8
1950	1,804	12.0	1,182	7.9	501	3.4	---	---	653	4.3	4,140	27.6	11,030	73.4
1951	1,505	10.0	1,129	7.5	453	3.0	---	---	763	5.0	3,850	25.5	10,216	67.6
1952	1,352	8.8	1,010	6.6	412	2.7	---	---	819	5.3	3,593	23.4	10,350	67.5
1953	1,291	8.3	1,060	6.8	577	3.7	---	---	699	4.5	3,631	23.3	10,507	67.4
1954	1,177	7.4	1,001	6.3	521	3.3	111	.7	717	4.5	3,527	22.2	10,766	67.7
1955	1,115	6.9	1,104	6.8	506	3.8	181	1.1	834	5.1	3,840	23.7	11,287	69.5
1956	1,038	6.3	1,089	6.6	645	3.9	296	1.8	894	5.4	3,962	24.0	11,437	69.2
1957	994	5.9	1,015	6.0	737	4.4	425	2.5	783	4.7	3,959	23.5	11,428	67.9
1958	914	5.3	920	5.4	722	4.2	550	3.2	883	5.2	3,989	23.3	11,758	68.6
1959	862	4.9	910	5.2	1,150	6.6	505	2.9	803	4.7	4,235	24.3	12,301	70.5
1960	860	4.8	821	4.6	1,245	7.0	504	2.8	841	4.7	4,271	24.0	12,335	69.2
1961	830	4.6	846	4.7	1,226	6.8	502	2.8	819	4.5	4,223	23.3	12,396	68.4
1962	774	4.2	879	4.8	1,319	7.2	876	4.8	878	4.8	4,726	25.7	13,125	71.5
1963	775	4.2	866	4.6	1,408	7.6	827	4.5	920	4.9	4,796	25.7	13,435	72.1
1964	773	4.1	889	4.7	1,598	8.5	838	4.5	885	4.7	4,983	26.4	13,977	73.9
1965	706	3.7	895	4.7	1,735	9.1	717	3.8	763	4.0	4,816	25.1	13,963	72.9
1966	719	3.7	908	4.7	1,957	10.1	823	4.6	852	4.4	5,329	27.6	14,988	77.5
1967	706	3.6	844	4.3	1,893	9.7	972	5.0	819	4.2	5,234	26.8	14,868	76.2
1968	689	3.5	890	4.3	1,907	9.7	1,011	5.1	788	4.0	5,245	26.6	15,327	77.8
1969	673	3.4	728	3.7	1,943	9.8	1,078	5.4	928	5.0	5,410	27.2	15,743	79.1
1970	679	3.4	620	3.1	2,004	9.9	1,098	5.4	872	4.3	5,272	26.2	16,014	79.4
1971 5/	677	3.3	619	3.0	1,779	8.8	1,143	5.7	1,022	5.1	5,240	25.7	15,893	77.8

1/ Excludes lard used in margarine, shortening, and nonfood products. 2/ Fully processed liquid vegetable oils. Including use in mayonnaise and salad dressings, potato products, bakery products, and in fish canning, etc. Not reported separately prior to 1959. 3/ Mainly salad and cooking oils prior to 1959. Beginning with 1959 includes all food fats and oils used other than butter, lard, margarine, shortening or cooking and salad oils. 4/ Including only the fat content of butter and margarine estimated at 80-81% of total weight. 5/ Preliminary. 6/ Paints, varnishes, floor coverings, oil cloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oil cloth), caulking and other protective coatings.

Table 156.--Civilian consumption of visible and invisible food fats per person, 1959-71

Source by Food Group	Pounds per person												
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
	-- Pounds --												
Visible fats 2/													
Butter (fat content)	6.4	6.0	5.9	5.9	5.5	5.5	5.2	4.6	4.4	4.6	4.4	4.2	4.1
Lard (direct use)	8.8	7.6	7.7	7.2	6.4	6.3	6.4	5.5	5.4	5.6	5.1	4.7	4.3
Margarine (fat content)	7.4	7.6	7.6	7.5	7.7	7.8	8.0	8.5	8.4	8.7	8.6	8.9	8.9
Shortening	12.6	12.6	12.8	13.4	13.5	13.7	14.1	15.9	15.9	16.3	17.1	17.3	16.8
Cooking and salad oils	8.5	9.2	9.2	11.0	11.1	11.9	12.5	12.7	12.7	13.5	14.4	15.5	15.7
Other edible fats and oils	2.6	2.3	2.0	.7	2.1	2.3	1.6	2.4	2.5	2.5	2.4	2.7	2.3
Total visible fats	46.2	45.3	45.1	45.7	46.3	47.6	47.8	49.7	49.4	51.2	51.9	53.3	52.2
Invisible fats													
Dairy products, excluding butter	19.1	17.8	17.3	17.4	17.1	17.1	17.0	16.8	16.3	16.3	16.1	16.0	15.7
Eggs	4.6	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.2
Meat, poultry, game and fish	39.5	39.2	38.7	39.2	40.8	41.5	39.1	39.7	42.2	43.3	43.1	44.0	46.2
Dry beans, peas, nuts, soya flour and cocoa	5.5	5.5	5.7	5.2	5.8	5.7	5.9	5.8	6.0	6.2	5.9	6.0	6.0
All fruits and vegetables	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.1
Grain products	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Total invisible fats	71.6	69.6	68.8	68.8	70.6	71.1	68.9	69.1	71.4	72.7	72.0	72.9	74.9
Total visible and invisible fats and oils	117.8	114.9	113.9	114.5	116.9	118.7	116.7	118.8	120.8	123.9	123.9	126.2	127.1
	Percentage distribution												
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
	-- Percent --												
Visible fats 2/													
Butter (fat content)	5.4	5.2	5.2	5.2	4.7	4.6	4.5	3.9	3.6	3.7	3.6	3.3	3.2
Lard (direct use)	7.5	6.6	6.8	6.3	5.5	5.3	5.5	4.6	4.5	4.5	4.1	3.7	3.4
Margarine (fat content)	6.3	6.6	6.7	6.6	6.6	6.6	6.8	7.2	7.0	7.0	6.9	7.1	7.0
Shortening	10.7	11.0	11.2	11.7	11.5	11.5	12.1	13.4	13.2	13.2	13.8	13.7	13.2
Cooking and salad oils	7.2	8.0	8.1	9.6	9.5	10.0	10.7	10.7	10.5	10.9	11.6	12.3	12.4
Other edible fats and oils	2.2	2.0	1.8	.6	1.8	1.9	1.4	2.0	2.1	2.0	1.9	2.1	1.8
Total visible fats	33.2	39.4	39.6	39.9	39.6	40.1	41.0	41.8	40.9	41.3	41.9	42.2	41.1
Invisible fats													
Dairy products, excluding butter	16.2	15.5	15.2	15.2	14.6	14.4	14.6	14.1	13.5	13.2	13.0	12.7	12.4
Eggs	3.9	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.2	3.3
Meat, poultry, game and fish	33.5	34.1	34.0	34.2	34.9	35.0	33.5	33.4	34.9	34.9	34.8	34.9	36.3
Dry beans, peas, nuts, soya flour and cocoa	4.7	4.8	5.0	4.5	5.0	4.8	5.1	4.9	5.0	5.0	4.8	4.8	4.7
All fruits and vegetables	.9	.9	1.0	.9	.9	.8	.9	.9	.8	.8	.9	.9	.9
Grain products	1.5	1.6	1.6	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.3	1.3
Total invisible fats	60.8	60.6	60.4	60.1	60.4	59.9	59.0	58.2	59.1	58.7	58.1	57.8	58.9
Total visible and invisible fats and oils	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Preliminary. 2/ Visible fats are those identifiable as such at the first stage in marketing channels. Items other than visible fats and dairy products based on data of the Consumers and Food Economics Research Division, ARS.

Table 157.--Total food fats and oils: Supply, disposition, and utilization by products, 1950-71 1/ 2/

Year	Supply					Disposition									
	Production from --		Imports	Stocks, January 1	Total	Exports	Shipments to U.S. Territories	Domestic disappearance							
	Domestic materials 3/	Imported materials 4/													
-- Million pounds --															
1950	8,420	6	80	854	9,360	1,178	60	7,409							
1951	8,748	3	41	694	9,485	1,605	55	6,867							
1952	8,982	3	53	943	9,981	1,249	61	7,335							
1953	9,048	2	47	1,296	10,394	1,147	58	7,374							
1954	9,154	2	69	1,814	11,039	1,851	62	7,676							
1955	9,265	5/	85	1,450	11,400	2,282	66	7,934							
1956	10,482	---	51	1,118	11,651	2,895	69	7,847							
1957	10,550	---	54	840	11,444	2,666	74	7,813							
1958	10,625	---	77	891	11,594	2,434	80	8,133							
1959	12,054	---	67	947	13,068	3,432	85	8,380							
1960	12,341	---	71	1,171	13,583	3,811	79	8,568							
1961	12,339	---	84	1,125	13,548	2,994	89	8,859							
1962	13,139	---	90	1,633	15,062	4,033	94	9,093							
1963	13,684	---	49	1,822	15,555	4,165	89	9,051							
1964	14,053	---	72	2,249	16,373	5,405	109	9,521							
1965	14,266	---	49	1,338	15,652	4,857	106	9,800							
1966	14,505	---	65	889	15,459	4,095	96	10,067							
1967	14,767	---	78	1,202	16,049	4,475	106	10,472							
1968	14,920	---	91	1,395	16,405	4,571	109	10,484							
1969	15,818	---	69	1,242	17,127	4,974	130	10,811							
1970	18,391	---	69	1,211	19,671	7,219	117	11,092							
1971 6/	18,391	---	67	1,243	19,701	7,373	132	10,884							
Utilization															
Food uses					Nonfood uses										
Butter (fat content)	Lard (irect)	Shortening	Margarine	Salad and cooking oils	Other	Total food uses	Soap	Drying-oil products				Foots and loss	Other	Total non-food uses	
								Paint and varnish	Linoleum and oilcloth	Resins	Other				
-- Million pounds --															
1950	1,327	1,905	1,591	749	1,251	6,824	41	117	29	45	22	213	260	71	585
1951	1,213	1,895	1,312	839	1,111	6,371	24	88	10	82	14	194	208	68	495
1952	1,102	1,831	1,512	1,021	1,289	6,755	2	120	17	62	9	208	255	113	578
1953	1,104	1,778	1,559	1,025	1,372	6,838	2	162	11	61	9	243	252	38	535
1954	1,187	1,629	1,797	1,081	1,487	7,181	2	139	7	56	6	208	233	53	496
1955	1,237	1,642	1,857	1,049	1,674	7,439	4	137	---	73	12	227	244	24	495
1956	1,215	1,626	1,714	1,077	1,720	7,353	2	114	4	68	8	194	229	69	494
1957	1,176	1,592	1,681	1,148	1,741	7,338	2	109	---	72	9	190	219	64	475
1958	1,182	1,642	1,555	1,227	1,713	7,319	1	101	---	48	9	158	276	46	481
1959	1,145	1,538	2,220	1,284	1,613	7,869	---	103	---	77	4	184	258	69	511
1960	1,112	1,351	2,288	1,362	1,224	8,022	---	100	1	67	4	172	294	80	546
1961	1,112	1,395	2,411	1,371	1,987	8,334	---	95	---	65	3	163	289	73	525
1962	1,131	1,316	2,650	1,352	2,045	8,550	---	86	---	75	5	166	297	81	544
1963	1,083	1,191	2,574	1,411	2,161	8,471	---	99	---	82	6	187	302	90	579
1964	1,098	1,194	2,674	1,489	2,439	8,949	---	108	---	93	4	205	282	85	572
1965	1,040	1,226	2,735	1,510	2,574	9,180	---	96	---	106	6	208	305	108	621
1966	911	1,076	3,112	1,697	2,491	9,382	---	103	---	104	7	214	342	129	685
1967	887	1,056	3,139	1,685	2,571	9,438	---	89	---	95	7	191	328	116	635
1968	977	1,103	3,211	1,703	2,710	9,811	---	85	---	101	7	193	360	120	673
1969	908	1,012	3,341	1,726	3,083	10,173	---	94	---	89	8	191	345	102	638
1970	890	940	3,462	1,783	3,238	10,423	---	96	---	77	6	179	358	132	669
1971 6/	859	888	3,372	1,422	3,348	10,391	---	90	---	61	6	157	373	120	493

1/ Includes the following: Cottonseed, peanut, soybean, corn, sesame, sunflower, tanned, and edible olive oils; oleo oil and stock, oleostearine, edible tallow, butter and lard. Beginning 1962 includes safflower oil. 2/ Fat content of butter obtained by multiplying actual weight by 0.805. 3/ Includes oil equivalent of cottonseed, safflower, soybeans, and peanuts exported for crushing abroad. 4/ Represents sesame oil. 5/ Less than 500,000 pounds. 6/ Preliminary.

NOTE: This series differs from others shown elsewhere in this bulletin because it excludes nonfood fats and oils (such as coconut oil, palm oil, etc.) used in food.

Table 158.-- Food fats and oils: Supply, disposition, and per capita disappearance, 1962-71

Item	Year beginning October									
	1962	1963	1964	1965	1966	1967	1968	1969	1970 1/	1971 2/
-- Million pounds --										
Stocks, October 1										
Butter	3/419	3/450	3/188	161	68	212	197	155	171	222
Lard	73	81	68	62	64	107	94	56	60	77
Tallow, edible	21	34	25	22	40	70	39	26	37	63
Corn oil	50	63	62	35	55	47	42	71	60	58
Cottonseed oil	296	438	433	236	202	207	99	377	121	94
Soybean oil	618	920	578	297	462	596	540	425	543	773
Palm oil	16	4/37	4/22	10	17	13	28	28	20	35
Peanut oil	11	30	8	18	34	31	14	17	12	24
Safflower oil	46	80	24	35	50	60	76	61	29	29
Sub-total	1,550	2,133	1,407	876	992	1,343	1,128	1,206	1,054	1,376
Finished products 5/	473	347	232	197	224	256	231	217	236	255
Total food fats and oils	2,023	2,480	1,640	1,073	1,216	1,599	1,359	1,423	1,290	1,632
Imports										
Butter	2	2	1	4	2	2	2	2	2	2
Tallow, edible	6/	1	1	1	1	2	6/	6/	6/	6/
Olive oil	37	66	47	47	55	60	58	63	67	67
Corn oil	15	3	---	10	2	9	8	3	1	1
Cottonseed oil	---	---	---	---	17	13	6/	6/	6/	6/
Palm oil	27	8	5	41	89	72	161	122	207	207
Peanut oil	1	---	---	6/	---	6/	6/	6/	6/	6/
Sesame oil	1	1	1	2	1	1	2	2	2	2
Total	81	81	55	103	167	159	231	191	279	279
Production										
Butter	1,491	1,454	1,412	1,120	1,235	1,185	1,139	1,127	1,151	1,151
Lard	2,495	2,475	2,205	1,900	2,066	2,067	1,969	1,833	2,051	2,051
Tallow, edible	475	572	528	591	597	540	520	565	550	550
Oleo oil & stearine 7/	4	6	7	12	14	6	6	11	4	4
Corn oil	379	433	435	449	446	442	467	474	485	485
Cottonseed oil	1,927	1,936	1,999	1,830	1,223	1,020	1,450	1,251	1,235	1,235
Soybean oil	5,091	4,822	5,146	5,800	6,076	6,032	6,531	7,504	8,265	8,265
Peanut oil	91	134	144	163	175	159	159	180	266	266
Safflower oil (estimate)	152	104	111	138	170	138	100	100	120	120
Sub-total	12,106	11,896	11,987	11,963	12,001	11,629	12,381	13,046	14,126	14,126
Oilseeds (oil equivalent of exports)	1,989	2,115	2,361	2,940	3,050	3,078	3,210	3,007	4,850	4,850
Total Supply	16,201	16,622	16,043	16,080	16,435	16,465	17,181	20,067	20,545	20,545
Exports and Shipments										
Butter	8/131	8/319	150	24	7	31	37	8	27	27
Lard	571	706	431	218	247	246	282	405	382	382
Tallow, edible	5	4	5	3	5	6	8	11	6	6
Oleo oil & stearine	4	6	7	12	14	6	6	11	4	4
Corn oil	---	---	---	---	18	25	29	34	43	43
Cottonseed oil	8/389	8/584	641	275	78	51	141	453	373	373
Soybean oil	8/1,165	8/1,106	1,357	948	1,105	993	899	1,449	1,782	1,782
Peanut oil	4	67	75	14	6	4	28	34	60	60
Processed food oils 9/	94	111	79	64	76	59	61	63	67	67
Sub-total	2,362	2,903	2,744	1,558	1,557	1,427	2,490	*2,303	*2,744	*2,744
Oilseeds (oil equivalent)										
Cottonseed	3	3	3	3	2	1	1	9	12	12
Soybeans	1,984	2,103	2,265	2,764	2,930	2,972	3,148	4,941	4,757	4,757
Peanuts (for crushing abroad)	2	9	29	43	47	28	9	12	58	58
Safflower	---	---	64	130	71	77	52	45	23	23
Sub-total	1,989	2,115	2,361	2,940	3,050	3,078	3,210	3,007	4,850	4,850
Total exports	4,751	5,018	5,104	4,498	4,608	4,505	4,700	7,590	7,613	7,613
Domestic disappearance										
Butter	1,332	1,399	1,291	1,193	1,088	1,172	1,146	1,106	1,075	1,075
Lard	1,904	1,796	1,780	1,676	1,781	1,834	1,726	1,825	1,852	1,852
Tallow, edible	457	578	527	530	563	557	526	544	518	518
Corn oil	381	416	462	439	438	432	435	454	445	445
Cottonseed oil	1,347	1,407	1,555	1,590	1,157	1,090	1,031	1,052	890	890
Soybean oil	3,624	4,058	4,059	4,687	4,837	5,096	5,756	6,328	6,253	6,253
Olive oil	37	66	47	47	55	60	58	63	67	67
Palm oil	43	23	17	34	93	57	161	130	191	191
Peanut oil	69	65	59	133	172	211	168	157	193	193
Safflower oil (estimate)	119	160	100	123	159	124	115	107	100	100
Sesame oil	1	1	1	2	1	1	2	2	2	2
Processed food oils 9/	94	111	79	64	76	59	61	63	67	67
Total	9,220	9,892	9,829	10,390	10,268	10,395	11,044	11,298	11,319	11,319
Total (calculated net) 10/	9,345	9,957	9,854	10,363	10,245	10,510	11,028	11,277	11,319	11,319
Total use for food 11/	8,845	9,605	9,298	10,044	10,030	10,316	10,590	10,988	11,066	11,066
Per capita disappearance										
Butter (fat content)	5.7	5.9	5.4	4.9	4.4	4.7	4.6	4.4	4.2	4.2
Margarine (fat content)	7.8	7.6	7.9	8.3	8.6	8.5	8.5	8.7	8.7	8.7
Lard (direct use)	6.5	6.4	6.2	5.7	5.4	5.4	5.2	4.5	4.6	4.6
Baking and frying fats	13.6	14.0	13.7	16.0	15.7	16.1	16.7	17.6	17.0	17.0
Salad and cooking oils	10.6	12.0	12.3	13.0	12.8	13.2	14.0	15.0	15.6	15.6
Other edible uses	1.3	2.9	1.4	2.2	2.5	2.6	2.3	2.6	2.3	2.3
Total (fat content)	45.5	48.8	46.7	50.1	49.5	50.4	51.3	52.8	52.5	52.5

1/ Preliminary. 2/ Forecast except October 1 stocks. 3/ Includes estimates of butter oil, ghee, and canned butter. 4/ Includes stocks held by GSA. 5/ Shortening, margarine (fat content), and salad and cooking oils. 6/ Less than 500,000 pounds. 7/ Represents exports only; production data are not available. 8/ Includes estimates of foreign donations of fats and oils, not reported by Census. 9/ Includes exports of processed food oils not classified by kind, shortening and other secondary fats. 10/ Adjusted to reflect changes in stocks of finished products. 11/ Excludes food fats and oils used for non-food purposes, but includes non-food oils (coconut and palm kernel) used in food. *Includes safflower oil not shown separately above.

Table 159.--Food fats and oils (fat content basis): Estimated total use for food, 1950-71

Year	Supply of food fats and oils							Disposition							
	Production 1/	Imports	Stocks, January 1				Nonfood oils used in food products 2/	Total supply	Exports and shipments			Domestic disappearance for food Civilian			
			Commer- cial	USDA	Total	Commer- cial			USDA	Total	Nonfood uses of food oils	Mili- tary	USDA dona- tions	Total	Per capita
-- Million pounds --											Pounds				
1950	: 8,426	80	932	103	1,035	193	9,733	855	363	1,218	585	144	---	6,890	45.9
1951	: 8,743	41	832	63	895	188	9,867	1,544	123	1,667	496	194	---	6,366	42.1
1952	: 8,968	53	1,141	3	1,144	218	10,376	1,347	22	1,369	579	151	---	6,758	44.1
1953	: 9,038	47	1,236	283	1,519	203	10,807	1,142	79	1,221	535	142	---	6,876	44.1
1954	: 9,146	69	879	1,154	2,033	252	11,500	1,782	158	1,940	496	116	---	7,238	45.5
1955	: 9,865	85	837	873	1,710	229	11,889	2,127	274	2,401	503	130	159	7,459	45.9
1956	:10,482	51	1,278	127	1,405	268	12,206	2,850	135	2,985	495	136	144	7,475	45.2
1957	:10,528	54	1,112	2	1,114	280	11,976	2,766	6	2,772	453	117	63	7,469	44.4
1958	:10,627	77	1,122	44	1,166	299	12,169	2,532	25	2,557	480	116	103	7,770	45.3
1959	:12,055	67	1,213	33	1,246	232	13,600	3,584	16	3,600	508	112	96	8,068	46.2
1960	:12,340	71	1,304	9	1,313	226	13,950	3,945	9	3,954	546	114	116	8,064	45.3
1961	:12,338	84	1,227	45	1,272	279	13,973	3,167	94	3,361	531	126	228	8,173	45.1
1962	:13,335	90	1,617	165	1,782	336	15,542	4,089	377	4,466	544	115	227	8,399	45.7
1963	:13,682	49	1,754	264	2,018	307	16,056	4,090	231	4,321	579	121	232	8,639	46.3
1964	:14,053	72	2,204	192	2,396	307	16,828	5,388	245	5,633	572	129	236	8,994	47.6
1965	:14,267	49	1,470	27	1,497	347	16,160	4,948	257	5,205	621	146	229	9,147	47.8
1966	:14,504	65	1,021	20	1,041	488	16,098	4,064	209	4,273	685	162	223	9,615	49.7
1967	:14,546	78	1,361	2	1,363	587	16,574	4,323	256	4,579	635	143	216	9,634	49.4
1968	:14,924	91	1,462	121	1,583	552	17,150	4,470	324	4,794	680	170	182	10,082	51.2
1969	:15,817	69	1,340	83	1,423	623	17,932	5,229	188	5,417	661	128	214	10,333	51.9
1970 4/	:18,304	69	1,341	52	1,393	534	20,300	6,929	417	7,346	669	128	213	10,741	53.3
1971 4/	:18,391	67	1,163	80	1,243	699	20,400	7,277	450	7,727	651	113	270	10,653	52.2
1972	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
1973	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:

1/ Includes butter (fat content), lard and the following oils: Cottonseed, peanut, soybean, corn, sunflower, safflower, teaseed, and edible olive; oleo oil, oleo stock, oleostearine, edible tallow; and oil equivalent of cottonseed, safflower, soybeans, and peanuts exported for crushing abroad. 2/ Mainly coconut, palm, and palm kernel oils. 3/ Includes USDA estimates of foreign donations of fats and oils not separately reported by Census. 4/ Preliminary.

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Table 160.--U.S. domestic disappearance of fats and oils in food products, by type of fat or oil, total and per capita, 1950-70 1/

Calendar year	Vegetable oil										Animal fat				Fats and oils used in food products		U.S. population	
	Soybean	Cottonseed	Corn	Coconut	Peanut	Palm	Palm kernel	Safflower	Olive	Sesame	Total vegetable oils	Butter 2/	Lard	Beef fats	Total animal fats	Total 3/		Per capita 4/
Total million pounds																		
Pounds																		
Million																		
1950	1,446	1,445	223	129	103	---	26	---	79	4	3,455	1,327	2,050	156	3,533	6,988	45.9	152.3
1951	1,536	1,043	211	142	114	---	11	---	40	5/	3,097	1,205	2,059	131	3,395	6,492	41.9	154.9
1952	1,911	1,218	201	191	84	1	11	---	46	5/	3,663	1,090	2,054	144	3,288	6,951	44.1	157.6
1953	2,128	1,148	235	183	47	1	20	---	45	5/	3,807	1,104	2,007	187	3,298	7,105	44.4	160.2
1954	2,002	1,725	232	204	57	16	32	---	61	5/	4,329	1,187	1,776	230	3,193	7,522	46.1	163.0
1955	2,309	1,341	233	194	48	---	36	---	52	1	4,214	1,237	1,986	239	3,462	7,676	46.3	165.9
1956	2,155	1,252	254	226	66	---	42	---	45	5/	4,040	1,231	2,113	276	3,620	7,660	45.4	168.9
1957	2,296	1,223	272	233	66	---	47	---	49	1	4,186	1,176	1,990	302	3,468	7,654	44.5	172.0
1958	2,824	1,028	269	253	62	---	47	---	53	1	4,537	1,182	1,974	308	3,464	8,001	45.7	174.9
1959	2,912	1,064	309	180	81	3	49	---	54	5/	4,652	1,145	2,065	315	3,525	8,177	46.0	177.8
1960	3,011	1,225	310	172	62	1	53	---	51	1	4,886	1,113	1,889	328	3,330	8,216	45.5	180.7
1961	3,041	1,276	326	206	94	30	59	---	59	1	5,092	1,112	1,998	424	3,534	8,626	47.0	183.7
1962	3,275	1,239	343	267	62	29	70	---	40	58	5,379	1,131	1,959	407	3,497	8,876	47.6	186.5
1963	3,258	1,169	351	224	69	17	69	---	52	33	5,243	1,063	1,871	510	3,464	8,707	46.0	189.2
1964	3,739	1,348	412	254	58	11	67	---	38	67	5,995	1,097	1,704	538	3,339	9,334	48.7	191.8
1965	3,750	1,410	427	272	70	13	80	---	51	44	6,118	1,040	1,772	529	3,334	9,459	48.7	194.2
1966	4,296	1,217	396	346	144	52	65	---	84	49	6,650	911	1,645	533	3,089	9,739	49.6	196.5
1967	4,365	1,076	403	361	173	62	108	---	158	55	6,764	881	1,757	545	3,183	9,947	50.1	198.6
1968	4,734	981	404	368	200	77	93	---	69	63	6,995	957	1,861	549	3,297	10,362	51.7	200.6
1969	5,486	958	391	401	148	128	93	---	123	58	7,788	912	1,574	519	3,005	10,793	53.3	202.6
1970	5,843	974	414	343	153	113	78	---	80	62	8,062	888	1,456	533	2,877	10,939	53.4	204.8
1971 7/	5,816	720	391	457	183	159	82	---	115	62	7,987	859	1,566	530	2,955	10,942	52.9	207.0
Per capita Pounds																		
Percent distribution																		
Vegetable oils																		
Animal fats																		
1950	9.5	9.5	1.5	0.8	0.7	---	0.2	---	0.5	6/	22.7	8.7	13.5	1.0	23.2	45.9	49	51
1951	9.9	6.7	1.4	.9	.7	---	6/	---	.3	6/	20.0	7.8	13.3	.8	21.9	41.9	48	52
1952	12.1	7.7	1.3	1.2	.5	6/	.1	---	.3	6/	23.2	7.6	13.1	.8	20.9	44.1	53	47
1953	13.3	7.2	1.5	1.1	.3	6/	.1	---	.3	6/	23.8	6.9	12.5	1.2	20.6	44.4	54	46
1954	12.3	10.6	1.4	1.3	.3	0.1	.2	---	.4	6/	26.6	7.3	10.9	1.4	19.6	46.1	58	42
1955	13.9	8.1	1.4	1.2	.3	---	.2	---	.3	6/	25.4	7.5	12.0	1.4	20.9	46.3	55	45
1956	12.8	7.4	1.5	1.3	.4	---	.2	---	.3	6/	23.9	7.3	12.5	1.6	21.4	45.4	53	47
1957	13.3	7.1	1.6	1.4	.4	---	.3	---	.3	6/	24.3	6.8	11.6	1.8	20.2	44.5	55	45
1958	16.1	5.9	1.5	1.4	.4	---	.3	---	.3	6/	25.9	6.8	11.3	1.8	19.8	45.7	57	43
1959	16.4	6.0	1.7	1.0	.5	6/	.3	---	.3	6/	26.2	6.4	11.6	1.8	19.8	46.0	57	43
1960	16.7	6.8	1.7	1.0	.3	6/	.3	---	.3	6/	27.0	6.2	10.5	1.8	18.4	45.5	59	41
1961	15.6	6.9	1.8	1.1	.5	.2	.3	---	.3	6/	27.7	6.1	10.9	2.3	19.2	47.0	59	41
1962	17.6	6.6	1.8	1.4	.3	.2	.4	.2	.3	6/	28.8	6.1	10.5	2.2	18.7	47.6	61	39
1963	17.2	6.2	1.9	1.3	.3	.1	.4	.2	.2	6/	27.7	5.7	9.9	2.7	18.3	46.0	60	40
1964	19.5	7.0	2.1	1.3	.3	.1	.3	.2	.3	6/	31.2	5.7	8.9	2.8	17.4	48.7	64	36
1965	19.3	7.2	2.2	1.4	.4	.1	.4	.3	.2	6/	31.4	5.3	9.1	2.7	17.1	48.7	65	35
1966	21.9	6.2	2.0	1.8	.7	.3	.3	.4	.2	6/	33.8	4.6	8.4	2.7	15.7	49.6	68	32
1967	22.0	5.4	2.0	1.8	.9	.3	.5	.8	.3	6/	34.0	4.4	8.8	2.7	16.0	50.1	68	32
1968	23.6	4.9	2.0	1.8	1.0	.4	.4	.3	.3	6/	34.8	4.8	9.2	2.7	16.7	51.7	68	32
1969	27.1	4.7	1.9	2.0	.7	.6	.5	.6	.3	6/	38.3	4.5	7.7	2.6	14.8	53.3	72	28
1970	28.5	4.7	2.0	1.7	.7	.5	.4	.4	.3	6/	39.2	4.3	7.1	2.6	14.0	53.4	74	26
1971 7/	28.1	3.5	1.9	2.2	.9	.8	.4	.6	.3	6/	38.6	4.1	7.6	2.6	14.3	52.9	73	27

1/ Includes disappearance into products for both civilian and military consumption. Data not adjusted for changes in finished product stocks and excludes exports.
 2/ Fat content of butter which averages 80.5% of total weight.
 3/ Includes butter on fat content basis.
 4/ Total population (50 States) including armed forces overseas as of July 1 each year.
 5/ Less than 500,000 pounds.
 6/ Less than 0.1 pounds.
 7/ Preliminary.

Table 161.--Fats and oils used in manufacture of food products, by product, and fat or oil, 1950-71

Calendar year	Margarine									Shortening									
	Soybean oil	Cottonseed oil	Corn oil	Safflower oil	All other edible oil 1/	Total edible oils	Lard and beef fats	Vegetable stearine	Total fats and oils	Soybean oil	Cottonseed oil	Palm oil	Cocunut oil	All other edible oils 2/	Total edible oils	Lard and beef fats	Vegetable stearine and glycerides	Total fats and oils	
-- Million pounds --																			
1950	312	418	1	---	20	751	9	4	764	841	549	---	---	40	1,430	208	89	1,727	
1951	473	334	4	---	19	830	11	11	851	731	335	---	20	47	1,333	223	48	1,405	
1952	652	354	3/	---	3	1,009	13	24	1,046	851	388	---	33	9	1,281	266	66	1,613	
1953	726	275	1	---	14	1,016	21	12	1,049	903	376	---	2	6	1,288	231	117	1,681	
1954	665	397	3/	---	10	1,072	17	17	1,106	918	640	---	15	26	1,599	273	138	1,969	
1955	746	278	3/	---	13	1,037	22	16	1,075	930	439	---	4	24	1,397	452	139	1,988	
1956	752	283	1	---	12	1,048	38	24	1,111	782	323	---	6	16	1,127	600	128	1,855	
1957	874	237	3/	---	11	1,122	34	24	1,182	796	272	---	8	13	1,089	602	132	1,824	
1958	1,070	145	1	---	10	1,226	44	19	1,269	1,055	239	---	12	10	1,316	570	125	2,011	
1959	1,094	124	20	---	10	1,248	24	4/	1,291	1,143	320	---	20	11	1,494	750	4/	2,244	
1960	1,105	136	55	---	9	1,305	62		1,367	1,169	365	---	10	9	1,553	748		2,302	
1961	1,062	139	89	---	17	1,307	78		1,386	1,160	356	11	26	28	1,581	878		2,459	
1962	1,058	106	99	6	46	1,315	80		1,394	1,362	367	16	27	15	1,787	909		2,696	
1963	1,049	104	136	22	44	1,365	95		1,451	1,228	330	14	19	14	1,605	1,007		2,611	
1964	1,139	101	150	12	21	1,423	77		1,500	1,388	378	11	18	21	1,816	876		2,693	
1965	1,112	114	161	10	23	1,420	114		1,535	1,471	403	13	20	17	1,924	844		2,768	
1966	1,294	106	157	46	19	1,622	87		1,710	1,734	370	38	38	30	2,210	982		3,192	
1967	1,249	78	175	42	24	1,569	135		1,703	1,741	273	61	40	46	2,161	1,082		3,243	
1968	1,240	70	179	42	21	1,552	168		1,720	1,842	248	72	41	35	2,238	1,088		3,326	
1969	1,333	76	172	43	21	1,645	98		1,744	2,101	248	110	46	42	2,547	958		3,505	
1970	1,410	68	185	22	11	1,696	99		1,794	2,182	276	85	45	35	2,623	976		3,599	
1971 5/	1,385	63	186	19	9	1,662	168		1,831	2,047	168	140	56	30	2,441	1,037		3,479	
Salad and cooking oils 6/																			
Other edible products 7/																			
	Soybean oil	Cottonseed oil	Corn oil	Peanut oil	Safflower oil	Olive	All other edible oils	Total edible oils	Soybean oil	Cottonseed oil	Corn oil	Cocunut oil	Palm oil	Palm kernel oil	Peanut oil	Safflower oil	Other	Total other edible products	
-- Million pounds --																			
1950									293	457		221	129	---	22	85	---	98	1,305
1951									351	373		206	121	---	1	76	---	72	1,200
1952									408	477		200	158	1	6	75	---	62	1,387
1953									497	497		236	174	---	15	42	---	51	1,512
1954									419	687		231	257	---	28	43	---	61	1,726
1955									633	624		229	186	---	28	41	---	59	1,800
1956									621	647		252	213	---	34	57	---	45	1,869
1957									626	714		267	220	---	42	57	---	53	1,979
1958	8/	8/	8/	8/	8/	8/	8/	8/	699	644		265	237	---	47	53	---	53	1,998
1959	850	650	272	140	---	54	4	1,870	23	14		12	157	3	49	---	111	405	
1960	887	752	247	28	---	51	1	1,966	27	18		158	1	53	28	---	69	350	
1961	1,019	818	210	76	---	59	3	2,185	22	10		176	4	48	12	---	29	302	
1962	1,437	817	210	46	6	58	17	2,591	21	8		11	195	9	22	---	6	283	
1963	1,317	764	202	55	27	33	1	2,399	16	10		10	201	2	26	---	8	351	
1964	1,638	906	241	50	20	67	---	2,822	22	12		13	229	---	58	4	---	370	
1965	1,564	915	239	53	9	44	---	2,824	35	24		11	234	13	67	---	4	398	
1966	1,860	746	217	115	12	49	5	3,004	47	26		5	284	14	68	---	1	465	
1967	1,912	625	231	133	42	54	3	3,000	52	25		3	298	1	78	---	8	483	
1968	2,036	541	242	156	22	63	3	3,063	43	44		8	272	4	90	---	19	490	
1969	2,244	513	248	124	19	58	2	3,207	35	47		8	273	18	70	---	9	470	
1970	2,471	527	246	139	12	62	6	3,464	38	52		6	287	14	67	---	8	481	
1971 5/	2,658	442	193	160	11	62	8	3,534	26	44		7	293	18	65	---	3	5	

1/ Mainly peanut and cocunut oils. 2/ Mainly peanut, corn and palm kernel oils. 3/ Less than 500,000 pounds. 4/ Not reported separately by Census beginning 1959. 5/ Preliminary. 6/ Fully processed liquid vegetable oils. Includes uses in mayonnaise, salad dressings, potato products, bakery products, and in fish canning, etc. Not reported separately prior to 1959: 1950-58 included in "other edible" products. Includes salad and cooking oils processed for export. 7/ Mainly salad and cooking oils prior to 1959. Beginning with 1959 includes all food fats and oils used other than butter, lard, margarine, shortening, and salad and cooking oils. 8/ Not reported separately prior to 1959. Data for 1950-58 included in "other edible" products.

Table 162--Foodfats and oils: Per capita consumption, by type of product, 1950-71 ^{1/}

Calendar year	Table spreads (product weight)			Cooking fats			Other edible fats and oils (mainly cooking and salad oils)					Total				
	Butter	Margarine	Total	Lard (direct use) ^{2/}	Shortening	Total	Oil used in					Total	Fat content			
							Mayonnaise and salad dressing	Potato chips ^{3/}	Frozen french fries ^{3/}	Mellorine ^{3/}	Other ^{4/}		Product weight ^{5/}	Animal fats	Vegetable oils	Total
-- Pounds --																
1950	10.7	6.1	16.8	12.6	11.0	23.6	2.6	6/	6/	6/	6.0	8.6	49.1	21.9	24.0	45.9
1951	9.6	6.6	16.2	12.3	9.0	21.3	2.6	6/	6/	6/	5.1	7.7	45.2	22.2	19.9	42.1
1952	8.6	7.9	16.5	11.8	10.2	22.0	2.7	6/	6/	.03	6.0	8.7	47.3	21.3	22.8	44.1
1953	8.5	8.1	16.6	11.4	10.2	21.7	2.7	6/	6/	.06	6.3	9.1	47.2	20.9	23.2	44.1
1954	8.9	8.5	17.4	10.2	11.8	22.0	2.6	6/	6/	.07	6.8	9.5	48.8	19.7	25.8	45.5
1955	9.0	8.2	17.2	10.1	11.5	21.6	2.9	6/	6/	.07	7.5	10.5	49.2	20.9	25.0	45.9
1956	8.7	8.2	16.9	9.8	10.9	20.7	3.0	1.0	.08	.07	6.8	10.9	48.5	21.4	23.8	45.2
1957	8.4	8.6	17.0	9.4	10.4	19.8	3.2	1.2	.08	.07	6.2	10.8	47.6	20.2	24.2	44.4
1958	8.3	9.0	17.3	9.6	11.3	20.9	3.3	1.1	.14	.08	5.9	10.5	48.7	20.1	25.2	45.3
1959	7.9	9.2	17.1	8.8	12.6	21.4	3.5	1.3	.16	.09	6.0	11.1	49.6	20.0	26.2	46.2
1960	7.5	9.4	16.9	7.6	12.6	20.2	3.5	1.3	.24	.09	6.5	11.5	48.5	18.5	26.7	45.3
1961	7.4	9.4	16.8	7.7	12.8	20.5	3.5	1.4	.28	.10	5.9	11.2	48.4	19.4	25.7	45.1
1962	7.3	9.3	16.6	7.2	13.4	20.5	3.5	1.5	.28	.10	6.3	11.7	49.0	18.7	27.0	45.7
1963	6.9	9.6	16.5	6.4	13.5	19.9	3.9	1.6	.34	.10	7.2	13.2	49.5	18.2	28.1	46.3
1964	6.9	9.7	16.6	6.3	13.7	20.0	3.9	1.7	.34	.10	8.4	14.2	50.8	17.3	30.3	47.6
1965	6.4	9.9	16.3	6.4	14.1	20.5	4.1	1.8	.52	.10	7.7	14.1	50.9	17.2	30.6	47.8
1966	5.7	10.5	16.2	5.5	15.9	21.4	4.3	1.9	.54	.10	8.3	15.1	52.9	15.9	33.8	49.7
1967	5.5	10.5	16.0	5.4	15.9	21.3	4.4	1.9	.53	.10	8.1	15.2	52.5	16.2	33.2	49.4
1968	5.7	10.8	16.5	5.6	16.3	21.9	4.6	1.9	.55	.10	8.9	16.0	54.4	16.7	34.5	51.2
1969	5.4	10.8	16.2	5.1	17.1	22.2	4.8	2.0	.61	.10	9.2	16.8	55.1	14.9	37.0	51.9
1970	5.3	11.0	16.3	4.7	17.3	22.0	5.0	2.1	.65	.10	10.3	18.2	56.5	14.1	39.2	53.3
1971 ^{6/}	5.1	11.1	16.2	4.3	16.8	21.1	N.A.	N.A.	N.A.	N.A.	N.A.	18.0	55.4	13.5	38.7	52.2

1/ Civilian consumption only.
 2/ Excludes use in margarine, shortening, and nonfood products.
 3/ Estimated from data on production of item.
 4/ Computed as a residual. Includes retail trade and use of oil in commercial frying, roasting, bakery and other products including confectionery fats, toppings, milk fillings, and other specialty fats.
 5/ Table spreads and cooking fats plus oil content of other edible fats and oils.
 6/ Preliminary.

Table 163.--Food fats and oils: Quarterly per capita consumption, by type of product, 1955-71 1/

Item and year	January-March	April-June	July-September	October-December	Annual total	Item and year	January-March	April-June	July-September	October-December	Annual total
<u>Butter 2/(pounds)</u>						<u>Margarine 2/(pounds)</u>					
1955	2.4	2.3	2.3	2.4	9.3	1955	2.2	2.0	1.7	2.1	8.0
1956	2.3	2.3	2.2	2.3	9.0	1956	2.3	1.6	1.8	2.3	8.1
1957	2.1	2.1	2.1	2.2	8.5	1957	2.1	2.0	2.0	2.3	8.5
1958	2.0	2.2	2.0	2.2	8.4	1958	2.3	2.1	2.2	2.3	8.9
1959	2.1	2.0	1.9	2.0	8.0	1959	2.4	2.1	2.1	2.5	9.1
1960	1.9	1.8	1.9	2.0	7.6	1960	2.5	2.2	2.2	2.5	9.3
1961	1.9	1.8	1.7	2.0	7.5	1961	2.5	2.2	2.2	2.5	9.3
1962	1.9	1.9	1.8	2.0	7.5	1962	2.3	2.1	2.2	2.5	9.2
1963	1.9	1.8	1.3	2.0	7.1	1963	2.4	2.2	2.3	2.5	9.4
1964	2.0	1.7	1.5	1.8	7.1	1964	2.5	2.2	2.3	2.5	9.6
1965	1.7	1.6	1.5	1.8	6.7	1965	2.6	2.3	2.4	2.6	9.8
1966	1.6	1.4	1.3	1.5	5.8	1966	2.7	2.5	2.5	2.9	10.6
1967	1.4	1.3	1.2	1.5	5.5	1967	2.8	2.6	2.4	2.7	10.5
1968	1.6	1.4	1.4	1.6	5.9	1968	2.8	2.5	2.5	2.9	10.7
1969	1.5	1.2	1.4	1.5	5.6	1969	2.8	2.5	2.5	2.9	10.7
1970	1.5	1.2	1.3	1.5	5.4	1970	2.9	2.4	2.6	3.0	10.9
1971 3/	1.3	1.3	1.1	1.4	5.2	1971 3/	2.8	2.6	2.5	3.0	10.9
<u>Lard 4/</u>						<u>Shortening</u>					
1955	2.6	2.3	2.3	2.7	9.9	1955	3.0	3.1	2.6	2.9	11.6
1956	2.7	2.1	2.2	2.7	9.7	1956	3.1	2.3	2.5	3.1	11.0
1957	2.4	2.1	2.1	2.7	9.3	1957	2.4	2.5	2.7	2.8	10.5
1958	2.3	2.3	2.2	2.7	9.4	1958	2.7	2.7	2.9	3.0	11.3
1959	2.0	2.1	2.0	2.5	8.7	1959	3.3	3.0	3.1	3.2	12.6
1960	1.9	1.8	1.8	2.1	7.5	1960	3.2	3.2	3.1	3.1	12.6
1961	1.7	2.0	1.8	2.1	7.6	1961	3.4	3.0	3.1	3.4	12.8
1962	1.9	1.6	1.5	2.0	7.1	1962	3.0	3.2	3.5	3.7	13.4
1963	1.7	1.6	1.3	1.8	6.3	1963	3.2	3.3	3.4	3.7	13.5
1964	1.8	1.3	1.5	1.6	6.2	1964	3.4	3.3	3.6	3.4	13.8
1965	1.6	1.6	1.4	1.7	6.3	1965	3.1	3.3	3.8	4.0	14.2
1966	1.3	1.3	1.4	1.4	5.5	1966	4.0	3.8	4.2	3.9	16.9
1967	1.3	1.3	1.4	1.3	5.3	1967	3.9	3.9	4.0	4.2	15.9
1968	1.4	1.4	1.3	1.4	5.5	1968	4.1	3.8	4.1	4.3	16.3
1969	1.2	1.1	1.4	1.2	5.0	1969	4.2	4.0	4.2	4.6	17.0
1970	1.2	1.2	.9	1.3	4.6	1970	4.5	4.1	4.3	4.4	17.4
1971 3/	1.2	1.0	1.2	.9	4.3	1971 3/	4.3	4.0	4.3	4.2	16.9
<u>Other edible fats and oils 5/</u>						<u>Total (fat content)</u>					
1955	2.3	2.8	2.6	2.7	10.4	1955	11.6	11.5	10.8	11.9	45.8
1956	2.9	2.7	2.6	2.6	10.8	1956	12.5	10.3	10.5	11.9	45.2
1957	2.5	3.0	2.8	2.5	10.8	1957	10.7	11.0	11.0	11.6	44.3
1958	2.9	2.6	2.8	2.3	10.6	1958	11.4	11.0	11.3	11.6	45.3
1959	3.0	3.3	2.5	2.5	11.2	1959	11.8	11.7	10.8	11.8	46.2
1960	2.9	3.1	2.7	2.6	11.4	1960	11.5	11.3	10.9	11.6	45.2
1961	2.9	2.8	3.3	2.4	11.1	1961	11.6	10.8	11.3	11.5	45.2
1962	3.0	2.9	2.9	2.8	11.6	1962	11.3	10.9	11.7	12.3	45.6
1963	3.3	2.4	3.6	4.0	13.0	1963	11.6	10.7	10.9	13.0	46.1
1964	3.6	3.5	4.2	3.7	14.3	1964	12.4	11.4	11.9	11.8	47.5
1965	3.4	3.3	3.3	4.1	14.1	1965	11.6	11.3	11.7	13.2	47.9
1966	3.9	3.7	3.9	3.6	15.1	1966	12.8	11.9	12.5	12.8	50.0
1967	3.7	3.8	3.9	3.7	15.1	1967	12.4	12.1	12.2	12.6	49.3
1968	3.9	4.2	4.0	4.0	15.9	1968	12.8	12.5	12.5	13.3	51.1
1969	4.0	4.5	3.9	4.2	16.5	1969	12.8	12.6	12.6	13.6	51.6
1970	4.5	4.6	4.3	4.6	18.0	1970	13.6	12.8	12.7	13.9	53.1
1971 3/	4.3	4.6	4.4	4.6	18.0	1971 3/	13.2	12.6	12.9	13.3	52.0

1/ Average consumption of the total population including military. It differs slightly from annual per capita data for civilians only, shown elsewhere. 2/ Product weight basis. 3/ Preliminary. 4/ Excludes use in margarine, shortening, and nonfood products. 5/ Used in cooking and salad oils, salad dressing, mayonnaise, in bakery products, and for minor uses such as fish canning.

Table 164.— U.S. Edible Fats and Oils Refining Capacities and Production, 1967 ^{1/}

Item	Est. maximum annual capacity (as of Sept. 30, 1967)	Production (October 1966/ September 1967)	Proportion of maximum capacity utilized	Capacity under construction
	Mill. lb.	Mill. lb.	Pct.	Mill. lb.
Refining:				
Alkali	12,346	7,857	64	1,168
Steam ^{2/}	360	273	76	3/
Total	12,706	8,130	64	3/
Further Processing:				
Bleaching	13,037	8,590	66	813
Rearrangement	441	162	37	3/
Hydrogenation	6,223	4,432	71	771
Winterizing	1,602	1,119	70	3/
Deodorization	10,929	8,345	76	1,883
Plasticizing	4,899	2,005	41	3/
Other	288	136	47	3/
Finished Products:				
Salad and cooking oils	3,608	2,911	81	497
Baking and frying fats	5,362	3,132	58	331
Margarine oil	1,683	1,227	73	290
Margarine	1,301	722	55	3/
Other	733	581	79	3/
Total	12,686	8,572	68	3/
Packing:				
Liquids—				
Drums	1,181	114	10	---
5-gal. tins	987	96	10	---
1-gal. tins	1,630	307	19	---
Under 1-gal. (glass)	1,266	425	34	---
Bulk (including other) ^{7/}	4/3,752	3,559	6/	---
Total liquids	5/8,999	4,501	50	---
Solids—				
350-450 lb. drums	516	248	46	3/
110-120 lb. containers	290	122	42	3/
50-60 lb. tins	239	121	51	3/
50-60 lb. cubes or bags	1,076	821	76	3/
8-49 lb. containers	175	64	37	---
All under 8 lb.	2,203	1,158	53	3/
Bulk (including other) ^{7/}	4/1,620	1,583	6/	---
Total solids	5/8,462	4,110	49	3/
Total solids and liquids	5/17,461	8,611	49	3/

^{1/} Data compiled from special USDA survey of edible fats and oils refiners.

^{2/} Includes lard refineries that also further process and manufacture products. Excludes renderers and those who refine lard and ship in bulk only.

^{3/} Withheld to avoid disclosure of individual company's operations.

^{4/} Majority of refiners did not report bulk capacity. This figure is based on 1966/67 bulk shipments, as they had at least this much capacity.

^{5/} Individual container capacities do not add to the total because some refiners reported only one packing capacity which applies to all sizes of containers, but not simultaneously.

^{6/} Not available.

^{7/} Includes tank cars, tank wagons, etc., and miscellaneous sized containers.

Table 165.— U.S. production of refined edible fats and oils, by regions, October-September 1966/67

Region	Refineries reporting	Refining					Further processing						Finished products					Total
		Alkali	Steam	Total	Bleaching	Rearrangement	Hydrogenation	Fat fractionation	Deodorizing	Plasticizing	Other	Salad and cooking oils	Baking and frying fats	Margarine oil	Margarine	Other		
	Number	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	
Region 1 N.J., N.Y., and R.I.	7	746	4/	4/	791	4/	551	4/	—	977	331	4/	325	415	4/	183	4/	1,158
Region 2 Ky., Ohio, Pa., Va.	7	885	4/	4/	1,065	4/	729	192	—	891	315	—	225	532	4/	4/	4/	957
Region 3 Ala., Ga., N.C., S.C., Tenn.	14	1,287	4/	4/	1,318	4/	700	256	—	1,265	183	4/	478	312	301	4/	4/	1,106
Region 4 Ill., Ind., Mich., Minn.	20	2,379	4/	4/	2,574	77	1,177	152	—	2,478	478	4/	856	713	353	106	146	2,274
Region 5 Ark., La., Okla., Tex.	14	5/1,514	4/	4/	1,379	4/	5/487	204	—	1,253	5/460	4/	5/657	580	185	4/	4/	1,493
Region 6 Iowa, Kan., Mo.	5	6/	137	4/	397	4/	6/	4/	—	316	6/	4/	6/	214	4/	4/	4/	481
Region 7 Calif.	16	1,046	4/	4/	1,067	16	488	234	4/	1,064	238	4/	370	365	152	144	72	1,102
U.S. TOTAL	83	7,857	273	8,130	8,590	162	4,432	1,119	4/	8,345	2,005	136	2,931	3,132	1,227	722	581	8,572

- 1/ Includes lard refineries that also further process and manufacture products. Excludes renderers and those who refine lard and ship in bulk only.
- 2/ Includes processing of lard and rendered pork fat, edible tallow, and miscellaneous.
- 3/ Includes other edible animal fats and shortening, salad dressing and oil not shown, and other miscellaneous.
- 4/ Withheld to avoid disclosing figures for individual companies.
- 5/ Includes Region 6.
- 6/ Included in Region 5 because of disclosure.

Data compiled from special USDA survey of edible fats and oils refiners.

Table 166.— U.S. maximum annual production capacity for refined edible fats and oils, by regions, as of 9-30-67 1/

Region	Refineries reporting	Refining					Further processing						Finished products					Total
		Alkali	Steam	Total	Bleaching	Rearrangement	Hydrogenation	Fat fractionation	Deodorizing	Plasticizing	Other	Salad and cooking oils	Baking and frying fats	Margarine oil	Margarine	Other		
	Number	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	
Region 1 N.Y., N.J., R.I.	7	1,098	5/	5/	1,210	5/	906	5/	—	1,272	649	5/	409	558	5/	251	5/	1,513
Region 2 Ky., Ohio, Pa., Va.	7	1,288	5/	5/	1,646	5/	1,093	299	5/	1,186	685	—	322	696	181	5/	5/	1,286
Region 3 Ala., Ga., N.C., S.C., Tenn.	14	2,148	5/	5/	2,392	5/	802	344	—	1,695	398	5/	563	666	5/	5/	—	1,594
Region 4 Ill., Ind., Mich., Minn.	20	3,600	—	3,600	3,476	190	1,531	169	—	3,080	1,449	5/	983	1,171	568	430	341	3,493
Region 5 Ark., La., Okla., Tex.	14	6/2,277	5/	5/	2,130	5/	6/1,058	310	—	1,815	6/1,169	5/	6/721	1,420	339	5/	5/	2,614
Region 6 Iowa, Kan., Mo.	5	2/	179	5/	484	2/	2/	2/	—	378	2/	5/	2/	283	—	5/	—	434
Region 7 Calif.	16	1,936	5/	5/	1,699	74	833	381	5/	1,503	579	5/	610	568	212	291	111	1,792
U.S. TOTAL	83	12,346	360	12,706	13,037	441	6,223	1,602	5/	10,929	4,899	288	3,408	5,369	1,683	1,391	733	12,686

- 1/ Maximum annual production capacity is defined as that available on September 30, 1967, and assuming the 1966/67 product-mix and plant operations of 52 weeks per year, 7 days a week, and 24 hours a day. 2/ Includes lard refineries that also further process and manufacture products. Excludes renderers and those who refine lard and ship in bulk only. 3/ Includes processing of lard and rendered pork fat, edible tallow and miscellaneous. 4/ Includes other edible animal fats and shortening, salad dressing and oil not shown, and other miscellaneous. 5/ Withheld to avoid disclosing figures for individual companies. 6/ Includes region 6. 7/ Included in region 5 because of disclosure.
- Data compiled from special USDA survey of edible fats and oils refiners.

Table 167.-- Edible fats and oils packed at refineries in the United States, by regions, October-September 1966/67

Region	Refineries reporting	Liquids packed in					Solids at room temperature packed in									Total liquids and solids
		Drums	5 gal. tins	1 gal. tins	Under 1 gal. (glass)	Bulk (including other)	Total	350-450 pound drums	110-120 pound containers	50-60 pound tins	50-60 pound cubes or bags	8-49 pound containers	All under 8 pound	Bulk (including other)	Total	
	Number	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Region 1 N.J., N.Y., and R.I.	7	9	1/	1/	62	404	516	57	1/	32	122	1/	140	269	642	1,158
Region 2 Ky., Ohio, Pa., Va.	7	25	6	70	52	235	388	21	1/	8	108	---	1/	292	569	957
Region 3 Ala., Ga., N.C., S.C., Tenn.	14	10	27	27	63	638	765	14	1/	14	85	1/	105	105	352	1,116
Region 4 Ill., Ind., Mich., Minn.	20	35	13	48	131	1,183	1,409	80	1/	33	241	1/	300	349	1,060	2,470
Region 5 Ark., La., Okla., Tex.	14	2/30	1/	1/	2/51	2/683	2/886	27	21	11	81	2/20	270	282	707	1,494
Region 6 Iowa, Kans., Mo.	5	3/	1/	1/	3/	3/	3/	22	13	19	80	3/	1/	92	286	384
Region 7 Calif.	16	7	12	35	66	414	536	18	9	5	104	9	155	194	494	1,031
U.S. Total	83	114	96	307	425	3,559	4,501	240	122	121	821	64	1,198	1,583	4,110	8,611

1/ Withheld to avoid disclosing figures for individual companies. 2/ Includes region 6. 3/ Included in region 5 because of disclosures. Data compiled from special USDA survey of edible fats and oils refiners.

Table 168.--U.S. maximum annual packing capacity at refineries for edible fats and oils, by regions, as of 9-30-67 1/

Region	Refineries reporting	Liquids packed in					Solids at room temperature packed in									Total liquids and solids
		Drums	5 gal. tins	1 gal. tins	Under 1 gal. (glass)	Bulk (including other)	Total	350-450 pound drums	110-120 pound containers	50-60 pound tins	50-60 pound cubes or bags	8-49 pound containers	All under 8 pound	Bulk (including other)	Total	
	Number	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Region 1 N.J., N.Y., and R.I.	7	211	2/	2/	121	404	917	55	2/	2/	112	2/	2/	277	655	1,573
Region 2 Ky., Ohio, Pa., Va.	7	2/	2/	375	175	241	1,000	2/	2/	2/	2/	---	2/	294	420	1,421
Region 3 Ala., Ga., N.C., S.C., Tenn.	14	197	223	170	200	750	1,541	84	94	2/	160	2/	204	106	727	2,268
Region 4 Ill., Ind., Mich., Minn.	20	2/	2/	527	335	1,207	2,691	112	34	2/	279	2/	728	367	1,670	4,361
Region 5 Ark., La., Okla., Tex.	15	3/279	3/188	314	3/239	3/696	3/1,625	89	70	2/	2/	2/	753	282	1,358	2,840
Region 6 Iowa, Kans., Mo.	5	4/	4/	2/	4/	4/	4/	2/	25	46	161	2/	76	93	448	591
Region 7 Calif.	15	152	81	160	196	494	1,042	100	27	12	192	7	302	200	840	1,882
U.S. Total	83	1,181	987	1,630	1,266	5/3,752	6/8,999	516	290	239	1,076	175	2,203	1,620	6/8,462	17,461

1/ Maximum annual packing capacity is defined as that available on September 30, 1967, and assuming the 1966/67 product-mix and plant operations of 52 week per year, 7 days a week, and 24 hours a day. 2/ Withheld to avoid disclosing figures for individual companies. 3/ Includes region 6. 4/ Included in region 5 because of disclosures. 5/ Majority of refiners did not report bulk capacity. This figure is based on 1966/67 bulk shipments, as they had at least this much capacity. 6/ Individual container capacities do not add to the total because some refiners reported only one packing capacity which applied to all sizes of containers but not simultaneously. Data compiled from special USDA survey of edible fats and oils refiners.

Table 169--Margarine (actual weight): Supply, disposition, and price, 1950-71

Year	Production				Supply		Disposition				Price per pound	
	One pound unit		All other units	Total	Stocks, January 1	Total	Exports and shipments	Domestic disappearance			Colored, delivered Eastern United States	
	Soft	Total						Military	Civilian			
			Total	Per capita		Pounds	Cents					
	-- Million pounds --											
1950	---	---	---	937	13	950	7	11	918	6.1	---	
1951	---	---	---	1,041	14	1,055	6	34	996	6.6	---	
1952	---	---	---	1,286	19	1,305	7	54	1,219	7.9	27.1	
1953	---	---	---	1,292	25	1,317	9	30	1,256	8.1	27.8	
1954	---	---	---	1,364	22	1,386	8	5	1,346	8.5	27.8	
1955	---	---	---	1,334	27	1,361	8	6	1,323	8.2	27.3	
1956	---	---	---	1,370	24	1,394	9	4	1,354	8.2	28.0	
1957	---	1,363	100	1,463	28	1,490	10	8	1,446	8.6	28.0	
1958	---	1,464	109	1,573	26	1,599	9	3	1,549	9.0	26.9	
1959	---	1,485	126	1,611	38	1,649	10	2	1,604	9.2	25.2	
1960	---	1,556	139	1,695	34	1,729	10	11	1,676	9.4	23.8	
1961	---	1,583	141	1,724	33	1,756	8	7	1,708	9.4	26.8	
1962	---	1,578	148	1,726	33	1,759	9	2	1,709	9.3	25.6	
1963	---	1,632	162	1,794	39	1,833	9	2	1,785	9.6	23.8	
1964	---	1,679	178	1,857	36	1,893	9	2	1,835	9.7	24.1	
1965	---	1,726	178	1,904	48	1,952	8	11	1,891	9.9	26.1	
1966	---	1,882	228	2,110	42	2,152	14	46	2,038	10.5	26.6	
1967	---	1,859	255	2,114	53	2,167	15	47	2,046	10.5	25.7	
1968	282	1,898	243	2,141	60	2,201	10	12	2,130	10.8	25.6	
1969	356	1,945	237	2,182	49	2,231	12	13	2,154	10.8	26.0	
1970	422	1,975	255	2,230	52	2,282	13	2	2,223	11.0	28.9	
1971 ^{1/}	481	1,999	291	2,290	46	2,336	13	1	2,264	11.1	30.8	
1972					57							

^{1/} Preliminary.

Table 170--Margarine: Production, fats and oils used in manufacture, and domestic consumption, 1950-71

Year	Margarine production (actual weight)	Fats and oils consumed in margarine manufacture									Margarine domestic consumption (civilian)		
		Total	Edible vegetable oils (% of total)					Animal fats (% of total)			Total (actual weight)	Per capita	
			Soybean	Cottonseed	Corn	Safflower	Total ^{1/}	Lard	Beef fats	Total		Actual weight	Fat content
1950	937	764	40.8	54.7	.1	---	98.3	0.5	1.2	1.7	918	6.1	4.9
1951	1,041	851	56.2	39.2	1.9	---	98.8	.5	0.8	1.2	906	6.6	5.3
1952	1,286	1,046	62.3	33.8	2/	---	98.8	.5	.8	1.2	1,219	7.9	6.4
1953	1,292	1,049	69.2	26.2	.1	---	98.0	.8	1.2	2.0	1,256	8.1	6.5
1954	1,364	1,105	60.1	35.9	2/	---	98.5	.6	.9	1.5	1,346	8.5	6.9
1955	1,334	1,075	69.4	25.9	2/	---	98.0	1.2	.8	2.0	1,323	8.2	6.6
1956	1,370	1,111	65.9	25.5	.1	---	96.7	2.8	.5	3.3	1,354	8.2	6.6
1957	1,463	1,182	73.9	20.1	2/	---	97.0	2.2	.8	3.0	1,446	8.6	6.9
1958	1,573	1,269	84.3	11.4	.1	---	98.1	1.3	.6	1.9	1,549	9.0	7.3
1959	1,611	1,291	84.7	9.6	1.5	---	96.7	2.8	.6	3.3	1,604	9.2	7.4
1960	1,695	1,367	80.8	9.9	4.0	---	95.5	4.1	.4	4.5	1,676	9.4	7.6
1961	1,724	1,386	76.6	10.0	6.4	---	94.3	5.2	.4	5.7	1,708	9.4	7.6
1962	1,726	1,394	75.9	7.6	7.1	.4	94.3	5.0	.7	5.7	1,709	9.3	7.5
1963	1,794	1,451	72.3	7.2	9.4	1.5	93.4	5.8	.8	6.6	1,785	9.6	7.7
1964	1,857	1,500	75.9	6.7	10.0	.8	94.9	4.3	.9	5.1	1,835	9.7	8.0
1965	1,904	1,535	72.4	7.4	10.5	.7	92.5	6.5	.9	7.5	1,891	9.9	8.0
1966	2,110	1,710	75.7	6.2	9.2	2.7	94.9	4.8	.3	5.1	2,038	10.5	8.5
1967	2,114	1,703	73.3	4.6	10.3	2.5	92.1	7.3	.6	7.9	2,046	10.5	8.4
1968	2,141	1,720	72.1	4.1	10.4	2.4	90.2	8.9	.9	9.8	2,130	10.8	8.7
1969	2,182	1,744	76.4	4.3	9.9	2.5	94.3	5.0	.7	5.7	2,154	10.8	8.6
1970	2,230	1,794	78.6	3.8	10.3	1.2	94.5	5.0	.5	5.5	2,223	11.0	8.9
1971 ^{3/}	2,290	1,831	75.6	3.4	10.2	1.0	90.8	8.7	.5	9.2	2,264	11.1	8.9

^{1/} Includes small quantities of peanut oil, coconut oil, and vegetable stearine that are not shown separately. ^{2/} Less than .05 percent. ^{3/} Preliminary.

Table 171.--Margarine (actual weight): Supply, disposition and price, by months, 1958-71

Year beginning October	Production												Total or average
	October	November	December	January	February	March	April	May	June	July	August	September	
--- Million pounds ---													
1958	144	129	149	149	149	192	161	116	123	116	119	131	1,580
1959	146	144	164	158	144	154	140	124	133	120	135	135	1,692
1960	150	148	158	175	155	139	129	139	133	124	130	147	1,729
1961	157	147	148	160	141	143	136	136	130	126	140	137	1,700
1962	165	156	157	179	152	146	138	145	131	130	142	154	1,793
1963	168	148	163	181	159	160	150	148	134	136	142	162	1,843
1964	162	144	167	163	167	170	154	142	145	143	149	165	1,892
1965	162	169	175	186	173	188	164	164	160	148	178	173	2,039
1966	190	193	193	202	175	195	160	171	174	139	177	168	2,138
1967	187	177	189	203	193	178	171	162	161	162	168	168	2,118
1968	200	180	197	215	175	181	169	165	170	161	163	187	2,162
1969	210	179	207	203	196	190	169	178	181	170	167	190	2,222
1970 ^{1/}	201	187	217	213	189	196	181	176	186	163	173	195	2,277
1971 ^{1/}	188	210	219	208	195	202							
1972													
1973													
Stocks, first of month													
1958	27	35	32	38	34	38	42	43	36	34	34	34	
1959	30	33	30	34	37	38	39	39	33	40	35	34	
1960	34	33	31	33	35	36	43	34	40	45	37	36	
1961	39	40	41	33	38	38	38	37	40	43	39	38	
1962	38	38	40	39	49	52	59	52	46	46	41	42	
1963	41	44	41	36	43	47	52	49	51	47	44	45	
1964	40	44	47	48	44	45	53	52	52	47	48	44	
1965	42	47	45	42	44	48	58	56	56	58	58	56	
1966	58	60	55	53	50	55	65	68	58	60	62	61	
1967	58	61	53	60	59	62	65	62	58	62	53	53	
1968	50	56	46	49	51	60	56	59	58	54	56	51	
1969	50	54	54	52	49	61	58	59	52	65	59	56	
1970 ^{1/}	50	52	50	46	50	59	58	56	61	62	73	66	
1971 ^{1/}	64	64	61	57	69	71	69						
1972													
1973													
Exports and shipments													
1958	1	1	1	1	1	1	1	1	1	1	1	1	10
1959	1	1	1	1	1	1	1	1	1	1	1	1	10
1960	2/	1	1	1	1	1	1	1	1	1	1	1	9
1961	1	1	1	1	1	1	1	1	1	1	1	1	9
1962	2/	2/	1	2/	1	1	1	1	1	1	1	1	9
1963	1	1	1	1	1	1	1	1	1	1	1	1	9
1964	1	1	1	2/	1	1	1	1	1	1	1	1	8
1965	1	1	1	1	1	1	1	1	1	1	1	2	12
1966	1	2	1	1	1	1	3	1	1	1	1	3	17
1967	1	1	1	1	1	1	1	1	2/	1	1	1	10
1968	1	1	1	1	1	1	1	1	1	1	1	1	12
1969	1	1	1	1	1	1	1	2	2	1	1	1	12
1970 ^{1/}	1	1	1	2	1	1	1	1	1	1	1	1	14
1971 ^{1/}	2/	1	1	2	1	2							
1972													
1973													
Domestic disappearance													
1958	135	131	142	153	144	128	121	122	125	114	118	134	1,566
1959	143	145	159	155	141	148	138	129	125	124	136	134	1,678
1960	151	149	156	172	155	132	136	132	127	132	131	142	1,714
1961	156	146	155	154	141	141	136	133	126	129	140	136	1,692
1962	165	153	157	169	147	138	144	150	130	134	140	154	1,782
1963	164	151	167	174	154	154	153	136	137	139	141	166	1,835
1964	177	141	165	161	172	161	155	141	149	141	152	167	1,881
1965	156	170	178	182	167	177	164	163	158	146	179	170	2,012
1966	187	197	193	205	168	184	158	181	171	136	176	169	2,121
1967	183	184	182	204	189	174	172	165	156	171	167	170	2,116
1968	193	189	193	212	165	184	165	164	172	159	166	187	2,250
1969	205	179	208	205	185	192	167	163	167	175	169	194	2,209
1970 ^{1/}	198	168	221	207	179	196	182	170	185	151	179	195	2,250
1971 ^{1/}	187	213	222	194	191	202							
1972													
1973													
Price per pound, colored, delivered, Eastern U.S.													
--- Cents ---													
1958	26.2	26.2	26.2	26.2	26.2	25.5	25.5	24.8	25.0	25.3	25.3	25.3	25.6
1959	25.3	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.5	23.9
1960	23.5	23.5	24.5	24.7	25.7	26.7	26.7	27.5	27.5	27.5	27.0	27.0	26.0
1961	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	25.8	24.6	24.6	24.5	26.3
1962	24.5	24.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.9
1963	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
1964	24.1	25.0	26.0	25.6	25.9	26.3	26.3	26.3	26.3	26.3	26.1	26.1	25.9
1965	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.6	27.4	26.2
1966	27.3	27.3	27.3	27.3	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	26.2
1967	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
1968	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.6
1969	26.5	27.2	27.2	27.2	27.2	28.2	29.0	29.0	29.0	29.0	29.0	29.0	28.1
1970 ^{1/}	29.4	30.6	30.6	30.6	30.6	30.5	30.5	30.5	30.5	30.8	31.2	31.0	30.6
1971 ^{1/}	31.0	31.0	31.2	31.2	31.5	31.3							
1972													
1973													

^{1/} Preliminary. ^{2/} Less than 500,000 pounds.

Table 172.--Mellorine: Production, per capita consumption, and estimates of fats and oils used in manufacture, 1952-1971

Year	Mellorine			Fats and oils utilized		
	Production		Per capita consumption	Total ^{2/}	Fats and oils utilized	
	Gallons	Pounds ^{1/}			Cottonseed and soybean oil ^{3/}	Other ^{4/}
	Mill. gal.	Mill. lbs.	Lbs.	Mill. lbs.	Mill. lbs.	Mill. lbs.
1952	11.2	50.4	.3	4.0	3.4	.6
1953	24.2	108.9	.7	8.7	7.4	1.3
1954	31.4	141.3	.9	11.3	9.6	1.7
1955	32.3	145.4	.9	11.6	9.9	1.7
1956	33.5	150.8	.9	12.1	10.3	1.8
1957	34.2	153.9	.9	12.3	10.5	1.9
1958	39.7	178.7	1.0	14.3	12.2	2.1
1959	42.7	192.2	1.1	15.4	13.1	2.3
1960	45.2	203.4	1.1	16.3	13.9	2.4
1961	48.0	216.0	1.2	17.3	14.7	2.6
1962	50.6	227.7	1.2	18.2	15.5	2.7
1963	50.7	228.2	1.2	18.2	15.6	2.7
1964	51.4	231.3	1.2	18.3	15.7	2.8
1965	53.2	239.4	1.2	19.2	16.3	2.9
1966	51.6	232.2	1.2	18.6	15.8	2.8
1967	53.7	241.7	1.2	19.3	16.4	2.9
1968	55.8	251.1	1.3	20.1	17.1	3.0
1969	55.6	250.2	1.2	20.0	17.0	3.0
1970	51.8	233.1	1.1	18.6	15.8	2.8
1971	49.1	221.0	1.1	17.7	15.0	2.7

^{1/} A gallon of mellorine weighs 4.5 pounds, the same as ice cream. ^{2/} Assuming 8 percent average fat content of mellorine produced. ^{3/} Assuming 85 percent of total fats and oils used. ^{4/} Includes mainly coconut oil, corn oil, peanut oil, and meat fats.

Table 173.--Potato chips: Estimates of production and fats and oils used in manufacture, 1956-70

Year	Potatoes processed ^{1/}		Potato chip production ^{2/}	Fats and oils utilized ^{3/}
	Million bushels	Million pounds		
1956	24.3	1,457	364	164
1957	28.9	1,736	434	195
1958	28.4	1,706	426	192
1959	33.5	2,009	502	226
1960	35.0	2,102	526	237
1961	37.7	2,264	566	255
1962	40.1	2,409	602	271
1963	44.5	2,669	667	300
1964	48.0	2,878	720	324
1965	52.2	3,129	783	352
1966	54.6	3,273	819	369
1967	54.0	3,241	810	364
1968	56.7	3,402	850	382
1969	59.1	3,546	886	399
1970	59.8	3,588	897	404
1971				

^{1/} Statistical Reporting Service. ^{2/} Based on 15 pounds of potato chips per 60 pound bushel potatoes. ^{3/} Assuming oil used as 45 percent of chips produced. Oil utilized probably ranges from 42-47 percent.

Table 174.--Frozen french fries: Estimates of production and fats and oils used in manufacture, 1956-70

Year	Potatoes processed ^{1/}		Frozen french fries production ^{2/}	Fats and oils utilized ^{3/}
	Million bushels	Million pounds		
1956	7.2	435	174	14
1957	7.0	422	169	14
1958	12.2	735	294	24
1959	14.6	874	350	28
1960	22.3	1,337	535	43
1961	26.5	1,591	636	51
1962	26.6	1,596	630	51
1963	33.0	1,978	791	63
1964	34.1	2,049	820	66
1965	53.8	3,226	1,290	103
1966	56.7	3,403	1,361	109
1967	57.7	3,460	1,384	111
1968	63.0	3,779	1,512	121
1969	74.4	4,465	1,786	143
1970	90.8	5,448	2,179	174
1971				

^{1/} Statistical Reporting Service. ^{2/} About 2.5 pounds of potatoes to produce 1 pound french fries. ^{3/} Assuming 8 percent of weight is fat.

Table 175 ---Salad and cooking oils: Supply, disposition, oils utilized and retail price, 1959-71 1/

Year	Supply				Disposition			Oils used in manufacture for domestic use					Retail price	
	Production:	Imports 2/	Stocks Jan. 1	Total	Exports 3/	Domestic use	Total disposition	Soybean 4/	Cotton-seed 4/	Corn	Peanut	Safflower	Total 4/	per pound
-- Million pounds --														
														Cents
1959	1,808	54	56	1,918	353	1,512	1,865	583	606	272	40	---	1,501	---
1960	1,915	51	53	2,019	312	1,647	1,959	648	706	247	28	---	1,629	---
1961	2,124	59	60	2,243	352	1,690	2,042	759	748	210	76	---	1,793	---
1962	2,532	58	200	2,790	474	2,043	2,517	1,084	716	210	46	6	2,062	---
1963	2,359	33	273	2,665	440	2,080	2,520	975	688	202	55	27	1,947	---
1964	2,846	67	145	3,058	659	2,280	2,939	1,140	781	241	50	20	2,231	32.0
1965	2,773	44	119	2,936	422	2,428	2,851	1,226	830	239	53	9	2,357	34.9
1966	2,947	49	86	3,082	496	2,502	2,999	1,395	715	217	115	12	2,455	38.6
1967	2,922	56	83	3,061	463	2,518	2,981	1,476	598	231	133	42	2,480	38.0
1968	2,996	63	80	3,139	350	2,709	3,059	1,711	516	242	156	22	2,647	35.4
1969	3,144	58	79	3,281	324	2,886	3,210	1,962	471	248	124	19	2,825	34.7
1970	3,389	62	71	3,522	293	3,154	3,447	2,189	516	246	139	12	3,102	37.7
1971 5/	3,500	62	76	3,638	320	3,241	3,561	2,347	433	193	160	11	3,144	42.2
1972			76											

1/ Data not available prior to 1959. 2/ Olive oil only. 3/ Refined and further processed cottonseed oil, soybean oil, and miscellaneous vegetable oils. Includes foreign donations. 4/ Excludes exports of refined and further processed cottonseed oil and soybean oil. 5/ Preliminary.

Table 176.--Salad and cooking oils: Production, fats and oils used in manufacture, and domestic consumption, 1959-71 1/

Year	Salad and cooking oils 2/			Total oils used in : salad and : cooking oil : manufac- : ture 2/	Edible vegetable oils consumed in salad and : cooking oil manufacture (% of total)							Cooking and salad : oil domestic con- : sumption (civilian)	
	Domestic : production	Imports : 3/	Total		Soybean	Cottonseed	Corn	Peanut	Safflower	Olive	All other	Total	Per capita
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mil. lb.	Pounds
1959	1,808	54	1,862	1,870	45.5	34.8	14.5	2.1	---	2.9	.2	1,486	8.5
1960	1,915	51	1,966	1,966	45.1	38.2	12.6	1.4	---	2.6	.1	1,630	9.2
1961	2,124	59	2,183	2,185	46.6	37.5	9.6	3.5	---	2.7	.1	1,661	9.2
1962	2,532	58	2,590	2,591	55.5	31.5	8.1	1.8	0.2	2.2	.7	2,021	11.0
1963	2,359	33	2,392	2,399	54.9	31.8	8.4	2.3	1.1	1.4	.1	2,066	11.1
1964	2,846	67	2,913	2,922	56.1	31.0	8.2	1.7	.7	2.3	---	2,249	11.9
1965	2,773	44	2,817	2,824	55.4	32.4	8.5	1.9	.3	1.5	---	2,398	12.5
1966	2,947	49	2,996	3,004	61.9	24.8	7.2	3.8	.4	1.7	.2	2,464	12.7
1967	2,922	54	2,976	3,000	63.7	20.8	7.7	4.5	1.4	1.8	.1	2,474	12.7
1968	2,996	63	3,059	3,063	66.5	17.7	7.9	5.1	.7	2.0	.1	2,665	13.5
1969	3,144	58	3,202	3,207	70.0	16.0	7.7	3.8	.6	1.8	.1	2,863	14.4
1970	3,389	62	3,451	3,464	71.3	15.2	7.1	4.0	.4	1.8	.2	3,125	15.5
1971 4/	3,500	62	3,624	3,534	75.2	12.5	5.5	4.5	.3	1.8	.2	3,215	15.7

1/ Data not available prior to 1959. 2/ Includes salad and cooking oils processed for export. 3/ Olive oil. 4/ Preliminary..

Table 177.--Salad dressing, mayonnaise, and related products: Production, per capita consumption and vegetable oils used in commercial production, 1950-70

Year	Estimated commercial production (Product weight)						Per capita consump- tion ^{1/}	Vegetable oils used in manufacture of salad dressing products						Total Per gallon of output	
	Salad dress- ing	Mayon- naise	Sandwich spreads	French dress- ing	Other	Total		Corn	Cotton- seed	Peanut	Soybean	Sun- flower	Other ^{2/}		All oils
	-- Million gallon --							Pints	-- Million pound --						Pound
1950	44.4	37.0	6.9	5.0	1.3	94.6	4.9	73.3	146.3	---	164.6	.3	1.8	386.3	4.1
1951	45.7	36.8	7.2	5.8	2.0	97.5	5.1	71.3	92.4	---	230.5	---	1.6	395.8	4.1
1952	47.1	39.6	7.6	6.5	1.8	102.6	5.2	41.1	97.3	---	272.4	---	3/	410.8	4.0
1953	48.3	40.4	7.5	7.1	2.1	105.4	5.3	48.5	94.1	---	281.4	---	1	424.1	4.0
1954	49.5	41.3	7.1	7.0	2.0	106.9	5.3	35.5	131.4	---	249.5	---	4/	416.5	3.9
1955	49.8	44.1	7.2	7.4	3.1	111.6	5.4	29.4	127.6	---	312.3	---	5.4	474.7	4.3
1956	50.4	46.0	6.9	8.1	4.1	115.5	5.5	27.1	156.9	---	330.5	---	5/	514.5	4.5
1957	54.0	47.7	7.2	8.0	5.1	122.0	5.7	26.6	159.2	---	353.4	---	5/	538.6	4.4
1958	54.6	50.4	6.9	8.6	5.6	126.1	5.8	22.5	153.8	---	392.1	---	5/	568.3	4.5
1959	56.7	54.6	6.9	9.4	6.4	134.0	6.1	17.7	174.8	---	437.1	---	5/	629.6	4.7
1960	54.7	55.4	6.7	9.4	10.3	136.5	6.1	8.4	184.7	---	453.0	---	5/	646.0	4.7
1961	57.3	57.5	6.8	9.5	10.1	141.2	6.1	10.3	189.8	---	470.4	---	5/	670.5	4.7
1962	58.0	58.8	6.6	9.9	11.3	144.6	6.2	11.4	175.1	---	503.7	---	5/	690.2	4.8
1963	62.7	66.3	6.9	10.4	14.0	160.3	6.8	15.9	163.8	---	562.1	---	5/	741.8	4.6
1964	63.8	70.0	6.8	10.4	16.2	167.2	7.0	6.8	160.7	---	596.9	---	5/	764.4	4.6
1965	65.9	71.7	6.9	10.7	19.6	174.8	7.2	6.8	155.4	---	634.2	---	5/	796.4	4.6
1966	68.3	75.9	7.2	10.5	21.5	183.4	7.5	8.0	153.1	---	676.6	---	5/	837.7	4.6
1967	69.4	79.0	7.5	10.8	24.3	191.0	7.7	16.0	109.4	---	722.6	---	5/	848.1	4.4
1968	71.0	84.6	7.2	10.5	28.0	201.3	8.0	29.5	86.4	---	753.6	---	5/	869.0	4.3
1969	71.9	88.2	7.8	11.2	31.5	210.7	8.3	29.1	100.6	---	797.1	---	5/	926.9	4.4
1970	72.4	92.5	7.4	11.5	34.0	217.8	8.5	25.5	110.4	---	822.5	---	5/	958.3	4.4
1971															

^{1/} Consumption assumed to equal production as stocks data are not available. ^{2/} Includes safflower oil, teaseed oil, sesame oil, olive oil, rice bran oil and blended mixtures of various oils. ^{3/} Included in "other". ^{4/} Less than 50,000 pounds. ^{5/} Miscellaneous oils, which are negligible, are included with corn oil.

SOURCE: Annual surveys of Salad Dressing, Mayonnaise, and Related Products, U.S. Department of Commerce.

Table 178.--Shortening: Supply, disposition, and price, 1950-71

Year	Production			Supply			Disposition				Price per pound All vegetable hydrogenated 3/ tins Eastern U.S. Cents
	100% vegetable oil	100% animal fat or blends	Total	Imports	Stocks, January 1	Total supply	Exports and shipments	Domestic disappearance		Per capita	
								Military excluding relief	Civilian		
Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pounds	
1950	---	---	1,710	1/	82	1,792	13	20	1,656	11.0	27.2
1951	---	---	1,403	1/	104	1,507	13	28	1,365	9.0	33.1
1952	---	---	1,611	1/	101	1,713	10	47	1,562	10.2	26.7
1953	---	---	1,675	---	94	1,768	16	62	1,597	10.2	27.9
1954	---	---	1,961	---	94	2,055	17	45	1,870	11.8	28.3
1955	---	---	1,975	---	120	2,095	42	47	1,863	11.5	27.2
1956	---	---	1,842	---	143	1,985	12	54	1,797	10.9	29.4
1957	---	---	1,808	---	122	1,930	17	37	1,756	10.4	29.8
1958	---	---	2,006	---	120	2,126	33	30	1,935	11.3	27.9
1959	---	---	2,252	---	127	2,380	36	32	2,196	12.6	25.6
1960	---	---	2,313	---	115	2,428	31	39	2,238	12.6	24.8
1961	---	---	2,456	---	120	2,576	2/92	51	2,311	12.8	27.7
1962	---	---	2,689	---	123	2,812	2/139	39	2,469	13.4	25.0
1963	---	---	2,584	---	165	2,749	2/66	39	2,525	13.5	22.3
1964	3/	3/	2,664	---	119	2,783	21	43	2,598	13.7	22.5
1965	1,852	940	2,792	---	121	2,913	45	57	2,695	14.1	26.4
1966	2,113	1,068	3,181	---	117	3,298	41	59	3,079	15.9	27.1
1967	2,077	1,149	3,226	---	119	3,345	39	58	3,108	15.9	26.5
1968	2,139	1,173	3,312	---	139	3,451	44	53	3,211	16.3	25.5
1969	2,318	1,163	3,481	---	143	3,624	32	54	3,398	17.1	25.9
1970	2,411	1,177	3,588	---	139	3,727	37	60	3,496	17.3	29.4
1971 4/	2,329	1,186	3,515	---	128	3,643	30	61	3,429	16.8	32.0

1/ Less than 500,000 pounds. 2/ Includes estimates of foreign donations, not reported by Census. 3/ Not reported prior to 1965. 4/ Preliminary.

Table 179.--Shortening: Production, fats and oils used in manufacture, and domestic consumption, 1950-71

Year	Shortening production	Fats and oils consumed in shortening manufacture										Shortening domestic consumption (civilian)		
		Total fats and oils	Edible vegetable oils (% of total)					Animal fats (% of total)					Total	Per capita
			Soybean	Cottonseed	Palm	Coconut	Total 1/	Lard	Beef fats	Total				
Mil. lb.	Mil. lb.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mil. lb.	Pounds		
1950	1,710	1,727	48.7	31.8	---	---	88.0	10.2	1.8	12.0	1,656	11.0		
1951	1,403	1,405	52.0	23.8	---	1.4	84.1	14.2	1.7	15.9	1,365	9.0		
1952	1,611	1,613	52.8	24.1	---	2.0	83.5	14.4	2.1	16.5	1,562	10.2		
1953	1,675	1,681	53.7	22.4	---	.1	83.7	13.5	2.8	16.3	1,597	10.2		
1954	1,961	1,969	46.6	32.5	---	.8	88.2	7.2	4.6	11.8	1,870	11.8		
1955	1,975	1,988	46.8	22.1	---	.2	77.3	16.8	5.9	22.7	1,863	11.5		
1956	1,842	1,855	42.2	17.4	---	.3	67.7	24.7	7.6	32.3	1,797	10.9		
1957	1,808	1,824	43.6	14.9	---	.4	66.9	20.6	12.5	33.1	1,756	10.4		
1958	2,006	2,011	52.5	11.9	---	.6	71.7	15.8	12.5	28.3	1,935	11.3		
1959	2,252	2,244	50.9	14.3	---	.9	66.6	22.0	11.4	33.4	2,196	12.6		
1960	2,313	2,302	50.8	15.9	---	.4	67.5	20.9	11.6	32.5	2,238	12.6		
1961	2,456	2,459	47.2	14.5	---	.4	64.3	21.6	14.1	35.7	2,311	12.8		
1962	2,689	2,696	50.5	13.6	---	.6	66.3	21.2	12.5	33.7	2,469	13.4		
1963	2,584	2,611	47.0	12.6	---	.5	61.5	22.7	15.8	38.5	2,525	13.5		
1964	2,664	2,693	51.5	14.0	---	.4	67.5	16.5	16.0	32.5	2,598	13.7		
1965	2,792	2,768	53.1	14.6	---	.5	69.5	16.5	14.0	30.5	2,695	14.1		
1966	3,181	3,192	54.3	11.6	---	1.2	69.2	15.4	15.4	30.8	3,079	15.9		
1967	3,226	3,243	53.7	8.4	---	1.9	66.6	17.8	15.6	33.4	3,108	15.9		
1968	3,312	3,326	55.4	7.5	---	2.2	67.3	18.1	14.6	32.7	3,211	16.3		
1969	3,481	3,505	59.9	7.1	---	3.1	72.6	13.6	13.8	27.4	3,398	17.1		
1970	3,588	3,599	60.6	7.7	---	2.4	72.9	12.0	15.1	27.1	3,496	17.3		
1971 2/	3,515	3,479	58.8	4.8	---	4.0	70.2	14.9	14.9	29.8	3,429	16.8		

1/ Includes small quantities of peanut oil, corn oil, safflower oil, vegetable stearine and glycerides, not shown separately. 2/ Preliminary.

Table 180.--Shortening: Supply, disposition and price, by months 1958-71

Year beginning October	Production												Total or average
	October	November	December	January	February	March	April	May	June	July	August	September	
-- Million pounds --													
1958	207	177	161	188	198	197	190	185	184	147	187	187	2,209
1959	200	202	186	190	197	194	186	194	207	152	218	189	2,315
1960	205	194	188	199	210	212	189	206	186	138	221	204	2,350
1961	233	238	221	221	214	214	233	232	227	189	243	221	2,689
1962	253	242	198	214	210	204	188	217	211	186	213	220	2,596
1963	260	232	227	211	210	213	214	220	227	184	233	247	2,685
1964	264	238	193	194	205	213	211	224	220	204	240	275	2,685
1965	282	270	255	266	266	265	243	262	271	233	308	277	3,128
1966	260	266	264	260	260	270	284	276	276	222	281	276	3,169
1967	285	294	268	264	268	272	258	274	258	239	298	292	3,270
1968	317	297	275	286	272	291	269	288	281	244	282	294	3,397
1969	342	322	309	295	302	315	303	295	294	257	308	298	3,639
1970	316	306	299	291	309	300	272	277	290	262	305	309	3,538
1971 1/2	301	307	299	279	289	300							
1972 1/2													
1973													
Stocks, first of month													
1958	118	121	125	127	114	120	122	136	140	142	116	114	
1959	105	110	110	115	110	115	123	119	116	126	109	108	
1960	112	118	105	120	106	101	119	133	139	128	103	107	
1961	111	113	119	123	125	130	143	156	178	217	201	200	
1962	198	187	182	165	181	172	167	148	130	132	116	112	
1963	104	104	104	119	114	113	114	116	122	131	117	100	
1964	94	102	112	121	121	111	114	116	122	124	106	103	
1965	98	105	113	117	115	119	118	132	123	141	120	111	
1966	117	118	110	119	119	119	119	126	126	149	136	124	
1967	128	126	123	139	142	129	124	131	134	130	124	136	
1968	125	135	119	143	127	133	142	139	144	139	131	128	
1969	116	113	116	139	120	114	115	141	134	155	150	140	
1970	127	121	122	133	135	130	135	134	128	137	111	121	
1971 1/2	118	122	119	128	125	122	130						
1972 1/2													
1973													
Exports and shipments													
1958	2	1	9	2	8	5	1	2	5	2	2	2	42
1959	2	3	3	2	2	1	2	2	4	3	3	3	29
1960	2	2	4	2	1	1	6	10	11	5	2	1	50
1961	8	13	29	1	1	2	2	1	2	2	2	2	64
1962	3	2	2	3	9	8	21	12	1	5	2	1	69
1963	1	1	1	1	1	2	1	1	1	2	2	1	17
1964	2	3	3	1	2	8	3	5	3	2	1	6	39
1965	4	6	5	1	2	2	2	5	3	4	5	2	41
1966	9	4	2	2	5	3	4	4	3	2	4	3	47
1967	3	2	2	3	2	3	4	6	3	3	5	4	39
1968	4	5	4	2	2	3	3	5	3	2	2	2	38
1969	3	2	2	6	4	3	3	3	2	2	2	2	35
1970	3	2	3	3	2	3	3	3	3	2	3	3	33
1971 1/2	2	2	2	2	2	3	3	3	3	2	3	3	33
1972 1/2													
1973													
Domestic disappearance													
1958	201	171	151	198	185	190	175	180	177	171	187	194	2,179
1959	194	200	178	193	191	184	188	195	192	166	216	183	2,280
1960	197	204	169	211	214	193	167	189	186	159	214	198	2,300
1961	224	218	189	218	208	200	218	208	186	204	243	221	2,538
1962	262	245	213	195	210	200	186	223	208	198	214	227	2,581
1963	259	230	213	215	209	218	209	213	217	196	248	251	2,678
1964	255	225	186	193	213	202	206	212	216	220	242	274	2,643
1965	269	257	247	266	261	263	227	266	250	250	312	269	3,138
1966	250	271	253	257	255	267	239	280	250	230	289	269	3,111
1967	284	295	250	259	278	274	248	264	259	242	281	299	3,233
1968	304	307	248	300	264	289	266	285	273	256	282	304	3,368
1969	342	317	284	308	304	310	274	298	270	260	317	309	3,593
1970	320	301	286	287	311	292	270	281	279	285	293	309	3,514
1971 1/2	296	308	279	279	289	289							
1972 1/2													
1973													
Price per pound, (all vegetable, hydrogenated), New York 2/													
Cents													
1958	20.3	20.3	19.8	19.6	18.8	18.8	18.8	19.5	19.5	19.5	18.5	18.5	19.3
1959	18.5	18.5	17.5	17.5	17.5	17.5	17.5	17.5	18.0	18.5	19.0	19.8	18.1
1960	19.8	20.5	20.5	20.8	20.8	23.0	23.0	23.0	21.8	21.8	20.8	20.8	21.4
1961	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	19.8	19.8	19.8	20.6
1962	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
1963	20.3	20.3	20.3	20.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.0
1964	21.3	21.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	23.0	23.0	23.0	23.4
1965	23.0	23.0	20.0	21.0	21.5	21.5	21.5	21.5	21.5	21.6	23.8	23.8	23.0
1966	22.0	21.2	21.2	21.2	20.5	20.5	20.5	20.5	20.5	21.0	21.0	21.0	22.0
1967	21.2	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.0
1968	19.8	20.2	20.8	21.2	22.2	22.2	22.2	22.2	22.2	21.2	21.2	21.2	21.4
1969	22.2	22.2	22.8	21.8	21.8	23.8	22.8	22.2	22.2	22.2	23.2	23.2	22.5
1970	25.2	25.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	25.5	25.5	25.0
1971 1/2	NA	25.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	25.5	25.5	25.0
1972 1/2													
1973													

1/ Preliminary. 2/ 400 pound drums, beginning 1965 440 pound drums.

Table 181--Shortening, cooking oils and margarine industries 1/: Number of companies and plants, concentration ratios, production and value of shipments for products, Census years, 1947-67

Census year	Establishments			Value of shipments		Concentration ratios 2/-- Value of shipments accounted for by				Primary product specialization ratio 3/	Coverage ratio 4/		
	Companies	Total	With 20 employees or more	Total	Average per establishment	4	8	20	50				
						largest companies	largest companies	largest companies	largest companies				
	Number	Number	Number	Mil. dol.	Mil. dol.	Percent	Percent	Percent	Percent	Percent	Percent		
1947	N.A.	127	N.A.	1,099.3	8.7	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
1954	N.A.	135	81	1,154.2	8.5	N.A.	N.A.	N.A.	N.A.	N.A.	83		
1958 2/	62	105	80	1,152.6	11.0	44	69	N.A.	N.A.	93	90		
1963	65	115	86	1,324.4	11.5	42	64	92	99+	88	89		
1967	63	115	93	1,725.6	15.0	43	67	93	99+	87	86		
Production													
Shortening 6/													
100% vegetable oil			100% animal fats or blends with veg. oils			Hydrogenated oils		Salad or cooking oil 8/			Vegetable oil		
3 lbs. or less and bulk			3 lbs. or less and bulk			other than shortening 7/		Soybean	All other	Total--	all size containers	winter stearin	Margarine
More than 3 lbs.			More than 3 lbs.			all size containers		1 gallon or less	More than 1 gallon	1 gallon or less	More than 1 gallon	all size containers	
Million pounds													
1947	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
1954	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
1958	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
1963	N.A.	N.A.	N.A.	N.A.	2,670	1,213	N.A.	N.A.	N.A.	N.A.	2,342	89	1,770
1967	747	1,362	459	869	3,436	1,283	678	1,360	353	598	3,189	75	2,126
Volume shipped													
1947	N.A.	N.A.	N.A.	N.A.	1,396	N.A.	N.A.	N.A.	N.A.	N.A.	646	11	732
1954	N.A.	N.A.	N.A.	N.A.	2,303	1,158	N.A.	N.A.	N.A.	N.A.	1,185	72	1,345
1958	N.A.	N.A.	N.A.	N.A.	2,138	1,007	N.A.	N.A.	N.A.	N.A.	1,928	55	1,543
1963	N.A.	N.A.	N.A.	N.A.	2,687	1,123	N.A.	N.A.	N.A.	N.A.	2,416	57	1,852
1967	746	1,405	424	882	3,457	1,269	886	1,296	365	584	3,132	44	2,231
Value of shipments Million dollars													
1947	N.A.	N.A.	N.A.	N.A.	441	N.A.	N.A.	N.A.	N.A.	N.A.	179	3	237
1954	N.A.	N.A.	N.A.	N.A.	451	201	N.A.	N.A.	N.A.	N.A.	219	11	278
1958	N.A.	N.A.	N.A.	N.A.	418	147	N.A.	N.A.	N.A.	N.A.	302	8	296
1963	N.A.	N.A.	N.A.	N.A.	413	141	N.A.	N.A.	N.A.	N.A.	321	7	323
1967	152	221	64	119	557	185	138	174	75	93	479	6	457

1/ SIC Code 2096. Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, n.e.c., by further processing of purchased animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in industry 2046. 2/ The percentage consists of the sum of the value of shipments of the largest 4 companies (or 8, 20, or 50 companies), divided by the total value of shipments of the industry. 3/ Measures the extent to which plants classified in the industry specialize in making products regarded as primary to the industry; that is, value of shipments of primary products of plants in the industry is expressed as a ratio of the total shipments of all products made by these establishments. 4/ Measures the extent to which all shipments of primary products of an industry are made by plants classified in the industry, as distinguished from secondary producers elsewhere; that is, value of shipments of the primary products made by plants classified in the industry is expressed as a ratio of the total shipments of primary products made by all producers, both in and out of the specified industry. 5/ The 1957 SIC combined into this industry two industries which were separate in the 1945 SIC: Industry 2092, Shortening and Cooking oils, and industry 2093, Margarine. The 1958 value of shipments figures for these 2 industries have been combined and the ratios for the 4 and 8 largest companies have been recomputed on a basis comparable to 1963. 6/ Baking and frying fats including bulk shipments of hydrogenated oils to bakers and fryers. Containers 3 pounds or less are considered consumer sizes and those more than 3 pounds and bulk are commercial sizes. 7/ For confectionery fats, whipped topping, etc. 8/ Fully refined and deodorized oil produced at this plant. Containers 1 gallon or less are considered consumer sizes and those more than 1 gallon are commercial sizes. Source: Census of Manufactures. (N.A.) Not available.

Table 182.--Selected characteristics relating to the production of salad and cooking oils, shortening and margarine, 1956-71

Calendar year	Salad and cooking oil production					Shortening production				
	Total	Soybean		Other		Total	100% vegetable oil		100% animal fat or blends	
	Mil. lb.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Mil. lb.	Pct.	Mil. lb.	Pct.
1959	1,808					2,252				
1960	1,915					2,313				
1961	2,124	1/	1/	1/	1/	2,456				
1962	2,532	1,434	56.6	1,098	43.4	2,689				
1963	2,359	1,315	55.7	1,045	44.3	2,584				
1964	2,846	1,633	57.4	1,213	42.6	2,664	1/	1/	1/	1/
1965	2,773	1,554	56.0	1,219	44.0	2,792	1,852	66.3	940	33.7
1966	2,947	1,854	62.9	1,092	37.1	3,181	2,113	66.4	1,068	33.6
1967	2,922	1,897	64.9	1,025	35.1	3,226	2,077	64.4	1,149	35.6
1968	2,996	2,022	67.5	974	32.5	3,312	2,139	64.6	1,173	35.4
1969	3,144	2,230	70.9	914	29.1	3,481	2,318	66.6	1,163	33.4
1970	3,389	2,427	71.6	962	28.4	3,588	2,411	67.2	1,177	32.8
1971 2/	3,500	2,630	75.1	870	24.9	3,515	2,329	66.3	1,186	33.7

Margarine production (Product weight)										
Total production	Packaged									
	One pound units					All other consumer-sale:				
	Soft	Other	Volume	Pct. of total packaged	unit (including country pats)	Individual servings (chips)	Bakery or industrial (over one pound)	Volume	Pct. of total production	
Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pct.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Pct.	
1956	1,370			1/						
1957	1,463			1,363						
1958	1,573			1,464						
1959	1,611			1,485						
1960	1,695			1,556						
1961	1,724			1,583						
1962	1,726			1,578						
1963	1,794			1,632						
1964	1,857			1,679						
1965	1,904			1,726	1/	1/	1/	1/	1/	1/
1966	2,110			1,882	89.1	55	27	149	2,113	100.1
1967	2,114	1/	1/	1,859	87.2	79	28	176	2,133	100.9
1968	2,141	282	1,616	1,898	86.8	59	21	172	2,150	100.4
1969	2,182	356	1,589	1,945	88.7	54	21	173	2,193	100.5
1970	2,230	422	1,553	1,975	89.0	49	21	175	2,220	99.6
1971 2/	2,290	481	1,518	1,999	87.3	46	21	174	2,240	97.8

1/ Data not available for earlier years. 2/ Preliminary. 3/ The sum of margarine packaged by package sizes may not agree with the total production because some margarine is not packaged during the same month in which it is produced.

Table 183.--Fats and oils commodities sold by CCC, 1965-71

Crop year	CCC Sales 1/ 2/			Cumulative data		
	Quantity	Value		Quantity	Value	
		Total	Per pound		Total	Per pound
	Mil. lb.	Thou. dol.	Cents	Mil. lb.	Thou. dol.	Cents
Year beginning	Tung oil for unrestricted use					
November 1						
1965	.5	80.7	16.8	.5	80.7	16.8
1966	8.2	999.0	12.2	8.7	1,079.7	12.5
1967	18.4	2,082.6	11.2	27.0	3,142.3	11.6
1968	19.1	2,797.0	14.4	46.2	5,899.4	12.8
1969	6.4	1,461.5	22.9	52.6	7,360.8	14.0
1970	9.1	1,213.8	13.3	61.7	8,574.6	13.9
1971						
Year beginning	Castor oil for unrestricted use 3/					
October 1						
1970	6.0	1,009.6	15.8	6.0	1,009.6	16.8
1971	23.2	3,603.6	15.7	29.2	4,640.1	15.9
						-- Sales completed --
Year beginning	Linseed oil for export					
July 1						
1970	50.9	3,576.1	7.0	50.9	3,576.1	7.0
1971						
Year beginning	Butter for export					
October 1						
1970	35.8	17,936.6	50.1	35.8	17,936.6	50.1
1971						

1/ Location f.o.b. Marrero, La. through June 1968. Subsequently, storage locations also include f.o.b. Westwego, La. and Weehawken, N.J. 2/ Does not include 0.2 million pounds of tung oil foots sold in January-February 1967. 3/ A total of 30 million pounds was available for disposition which was acquired under the 1968 crop price support program.

CCC flaxseed-linseed oil exchange program

Year beginning	Exchanges				Cumulation	
	Flaxseed exchanged	Linseed oil delivered by:		Flaxseed exchanged	Linseed oil delivered by:	
		CCC	Contractor		CCC	Contractor
July	Mil. bu.	Mil. lb.	Mil. lb.	Mil. bu.	Mil. lb.	Mil. lb.
1970	8.0	40.2	160.8	8.0	40.2	160.8
1971						

Table 184.--USDA Lard export payment program to The United Kingdom, by marketing years, 1968-71

Year beginning	USDA acceptances for export					
	Quantity	Value of export payment	Average weighted price	Quantity	Cumulative Value	Average weighted price
October	Mil. lb.	Thou. dol.	Cents per lb.	Mil. lb.	Thou. dol.	Cents per lb.
1968	170.3	3,176.0	1.9	170.3	3,176.0	1.9
1969	244.8	2,572.8	1.1	415.1	5,748.8	1.4
1970	268.8	2,588.1	1.0	683.9	8,436.9	1.2
1971						

Table 185.---Strategic oils: Original government stockpile, General Services Administration disposition and stocks, by years, 1960-72

Year	Offerings		Sales		Cumulative sales			Remaining stocks
	Quantity	Quantity	Value	Average price per pound	Quantity	Value	Average price per pound	
	Mil. lb.	Mil. lb.	Thou. dol.	Cents	Mil. lb.	Thou. dol.	Cents	
<u>Coconut oil</u>								
Original stockpile--authorized for sale June 23, 1959								1/265.9
1960	125.9	67.0	9,651	14.4	67.0	9,651	14.4	198.9
1961	121.9	59.3	6,535	11.0	126.4	16,186	12.8	139.6
1962	111.4	47.1	4,962	10.5	173.5	21,148	12.2	92.5
1963	116.9	89.3	10,108	11.3	262.8	31,257	11.9	3.2
1964	3.1	3.1	382	12.3	265.9	31,638	11.9	---
<u>Palm oil</u>								
Original stockpile--authorized for sale November, 1959								2/37.5
1960	2.5	2.5	178	7.2	2.5	178	7.2	35.0
1961	10.9	0.9	67	7.4	3.4	245	7.2	34.1
1962	11.6	5.6	452	8.1	9.0	697	7.7	28.5
1963	11.8	8.0	573	7.2	17.0	1,270	7.5	20.5
1964	10.8	10.8	808	7.5	27.8	2,078	7.5	9.7
1965	9.8	9.7	951	9.8	37.5	3,029	8.1	---
<u>Castor oil</u>								
Disposition authorized--September 13, 1961								3/155.6
1962	15.4	14.4	2,089	14.5	14.4	2,089	14.5	141.2
1963	21.7	20.4	2,870	14.1	34.8	4,958	14.2	120.8
1964	18.7	13.8	1,914	13.9	48.6	6,873	14.1	107.0
1965	8.2	6.1	823	13.5	54.8	7,695	14.0	100.9
1966	31.1	27.0	3,901	14.4	81.8	11,597	14.2	73.9
1967	42.5	42.5	7,880	18.5	124.2	19,476	15.7	4/31.0
1968	27.7	22.5	3,882	17.2	146.8	23,358	15.9	5/8.3
1969	8.3	8.3	1,126	13.6	155.1	24,484	15.8	---
Additional disposition authorized--July 30, 1969								6/18.4
1970	36.3	4.9	682	14.0	4.9	682	14.0	13.5
1971	35.3	13.5	2,082	15.5	18.4	2,764	15.1	---
1972 (additional disposition--March 2, 1972) 7/	8.1	5.1	1,017	19.9	23.5	3,780	16.1	32.4
Original stockpile								23.4

1/ Primarily crude oil but included 3.0 million pounds of refined oil. 2/ Primarily crude oil but included 1.6 million pounds of refined. 3/ The original stockpile totaled 221.7 million pounds of which about 155.6 million were released for sale. 4/ Remaining stocks reduced an additional 0.4 million pounds resulting from inventory adjustments by GSA. 5/ Remaining stocks reduced an additional 0.2 million pounds resulting from special sale of "foots", which are not included in above table. 6/ On July 30, 1969, an additional 18 million pounds was authorized to be sold in order to reduce the stockpile objective to about 50 million pounds which includes 37.5 million pounds of crude castor oil and 5 million pounds of sebacic acid (equivalent to 12.5 million pounds of crude castor oil). 7/ On March 2, 1972, authorization was given to dispose of the remaining 37.5 million pounds of crude castor oil in order to prevent deterioration. The quantity removed will be replaced with fresh oil. The first sale under this authorization was on April 25, 1972, for 5.1 million pounds.

Table 185--Nonfood fats and oils: Supply, disposition, and per capita disappearance, 1961-70

Item	Year beginning October									
	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 1/
-- Million pounds --										
Stocks, October 1										
Tallow, inedible and grease	389	365	334	283	351	517	509	477	324	369
Coconut oil 2/	2/301	2/206	2/227	2/132	114	144	79	120	131	146
Linseed oil	97	84	92	151	184	139	157	142	133	130
Tung oil	10	14	8	21	6	64	42	46	57	46
Castor oil	32	35	2/221	2/132	196	191	154	106	112	117
Palm kernel oil	17	12	18	24	19	23	20	25	20	15
Fish and marine oils	180	152	182	147	192	130	150	188	131	110
Tall oil	97	127	169	246	281	248	194	153	190	176
All others 3/	---	---	24	---	---	---	---	---	---	---
Total	1,123	1,005	1,274	1,285	1,431	1,460	1,237	1,227	1,054	1,050
Imports										
Tallow, inedible and grease	2	2	2	2	1	4	5	4	7	7
Coconut oil 2/	655	739	745	721	924	911	854	813	859	811
Palm kernel oil	9	84	90	84	120	107	117	134	80	105
Tung oil	18	23	27	24	28	21	21	18	19	26
Castor oil 4/	109	92	87	124	121	95	129	137	129	85
Cod and fish liver oil	12	14	14	10	12	17	12	9	9	14
Fish and marine oils	2	2	2	2	4	4	5	4	4	5
All others 5/	3	22	21	27	27	32	29	27	32	36
Total	981	1,124	1,250	1,296	1,245	1,145	1,211	1,180	1,122	1,135
Production										
Tallow, inedible and grease	775	1,223	1,771	1,471	1,419	1,752	1,721	1,701	4,830	5,252
Coconut oil 2/	131	107	95	124	124	100	111	463	423	437
Tung oil	17	7	21	17	10	27	14	24	5	5
Castor oil	22	27	50	24	22	1	21	24	25	20
Fish and marine oil	240	200	140	124	124	127	127	120	199	260
Tall oil	870	944	1,071	1,131	1,241	1,200	1,222	1,271	1,242	1,271
All others 3/	---	---	---	38	70	51	53	19	---	---
Total	1,325	1,513	1,931	1,730	1,708	1,917	1,977	1,974	5,724	7,253
Total supply	7,307	7,646	8,514	8,711	7,141	7,322	8,159	9,024	8,970	9,457
Exports and shipments										
Tallow, inedible and grease	1,717	1,748	2,149	2,107	1,942	2,714	2,610	2,000	2,051	2,591
Coconut oil	2	2	2	2	2	2	2	2	2	2
Linseed oil	11	11	11	11	11	11	11	11	11	11
Flaxseed (oil equivalent)	11	11	11	11	11	11	11	11	11	11
Fish and marine oils	112	112	112	112	112	112	112	112	112	112
Tall oil	21	21	21	21	21	21	21	21	21	21
Tung oil	11	11	11	11	11	11	11	11	11	11
All others 4/	1	1	1	1	1	1	1	1	1	1
Total	1,927	2,106	2,424	2,340	2,107	2,771	2,647	2,120	2,196	2,628
Domestic disappearance										
Tallow, inedible and grease	3,024	3,124	2,724	2,313	2,184	3,057	2,877	2,670	2,721	2,628
Coconut oil	739	739	739	739	739	739	739	739	739	739
Palm kernel oil	9	9	9	9	9	9	9	9	9	9
Linseed oil	37	37	37	37	37	37	37	37	37	37
Tung oil	16	16	16	16	16	16	16	16	16	16
Castor oil	130	130	130	130	130	130	130	130	130	130
Cod and fish liver oil	12	12	12	12	12	12	12	12	12	12
Fish and marine oils	197	197	197	197	197	197	197	197	197	197
Tall oil	877	877	877	877	877	877	877	877	877	877
All others 3/	21	21	21	21	21	21	21	21	21	21
Total	4,594	4,588	4,827	4,774	4,184	4,872	4,621	4,383	4,290	4,146
Total non-food uses 7/	4,745	4,755	5,010	4,954	4,553	5,371	5,127	4,470	4,372	4,229
-- Pounds --										
Per capita disappearance										
Soap	4.4	4.1	4.2	4.0	4.0	4.4	4.3	4.4	3.1	3.4
Drying oil products	5.1	4.6	4.8	4.7	4.7	5.3	5.1	4.9	3.2	3.7
Animal feed	4.2	4.0	4.4	4.7	4.1	4.9	4.8	4.2	5.1	5.5
Fatty acids	4.7	4.2	4.1	3.0	4.7	4.6	4.6	4.5	9.8	9.1
Other industrial	5.1	4.5	4.7	4.2	4.5	4.5	4.7	4.5	4.7	5.0
Total	25.5	25.3	26.2	26.1	26.8	27.1	26.8	27.1	26.2	25.6

1/ Preliminary. 2/ Includes Government stockpiling. 3/ Includes inedible olive oil, and other vegetable oils not shown separately. 4/ Imports of oil plus production from imported materials. 5/ Includes cottonseed oil, rapeseed oil, wool grease and other vegetable oils not shown separately. 6/ Includes oil equivalent of flaxseed exported for crushing abroad. 7/ Adjusted for foreign trade and changes in stocks of fatty acids, foods and soap stocks and other inedible secondary oils; and food oils used in nonfood products and nonfood oils used in food products. 8/ Reported factory consumption which exceeds domestic disappearance.

Table 187.--Nonfood products: Fats and oils used, by products, total and per person, 1950-71

Year	Industrial products											
	Soap		Drying oil products 1/		Fatty acids 2/		Animal feeds		Other industrial products		All industrial products	
	Total 3/	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mill.	lb.	Mill.	lb.	Mill.	lb.	Mill.	lb.	Mill.	lb.	Mill.	lb.
1950	1,677	10.9	1,053	6.8	---	---	---	---	1,447	7.6	4,177	25.4
1951	1,382	8.8	1,054	6.7	---	---	---	---	1,492	7.5	3,927	23.1
1952	1,369	8.6	945	5.9	---	---	---	---	1,358	6.8	3,672	21.4
1953	1,306	8.1	993	6.1	---	---	---	---	1,407	7.0	3,707	21.2
1954	1,197	7.4	1,018	6.3	---	---	---	---	1,370	8.4	3,585	22.1
1955	1,135	6.9	1,124	6.8	---	---	---	---	1,650	10.0	3,910	23.7
1956	1,058	6.3	1,107	6.6	---	---	---	---	1,860	11.1	4,025	23.9
1957	1,010	5.9	1,032	6.0	---	---	---	---	1,980	11.6	4,022	23.5
1958	928	5.3	934	5.4	---	---	---	---	2,198	12.6	4,060	23.3
1959	876	4.9	924	5.2	1,150	6.5	505	2.8	845	4.8	4,299	24.3
1960	872	4.8	833	4.6	1,245	7.0	504	2.8	877	4.9	4,331	24.0
1961	838	4.6	855	4.7	1,226	6.7	502	2.7	844	4.6	4,265	23.2
1962	782	4.2	891	4.8	1,319	7.1	876	4.7	909	4.9	4,777	25.6
1963	783	4.1	879	4.6	1,408	7.4	827	4.4	951	5.0	4,848	25.6
1964	786	4.1	902	4.7	1,598	8.3	838	4.4	935	4.9	5,059	26.3
1965	718	3.7	909	4.7	1,735	8.9	717	3.7	828	4.3	4,907	25.2
1966	731	3.7	923	4.7	1,957	9.9	893	4.5	928	4.7	5,432	27.6
1967	718	3.6	859	4.3	1,893	9.5	972	4.9	882	4.4	5,324	26.7
1968	703	3.5	868	4.3	1,907	9.5	1,011	5.0	863	4.3	5,352	26.6
1969	683	3.4	738	3.6	1,943	9.6	1,078	5.3	1,016	5.0	5,486	27.1
1970	687	3.4	627	3.1	2,004	9.8	1,098	5.4	920	4.5	5,336	26.1
1971 4/	684	3.3	625	3.0	1,779	8.6	1,143	5.5	1,062	5.1	5,293	25.6

1/ Paints, varnishes, floor coverings, oil cloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oil cloth), caulking and other protective coatings. 2/ The use of whole or crude tall oil in the distillation or fractionation process is reported by Census as consumed in fatty acids. This overstates the amount of tall oil used in fatty acids. 3/ Adjusted for soap used in synthetic rubber. 4/ Preliminary.

Table 188.--Nonfood products: Fats and oils used, by kind, 1950-71

Year	Inedible tallow and grease	Linseed oil	Tall oil	Coconut oil	Soybean oil	Fish and marine oil	Castor oil	Tung oil	Palm oil	Other	Total 1/
1950	1,807	594	287	428	323	143	181	109	43	262	4,177
1951	1,660	699	323	380	306	131	174	61	44	149	3,927
1952	1,541	553	270	370	388	116	102	51	44	157	3,672
1953	1,568	556	280	339	368	112	169	51	39	225	3,707
1954	1,559	515	331	357	331	60	138	48	61	184	3,585
1955	1,635	526	508	354	341	68	134	51	59	223	3,910
1956	1,686	537	599	366	351	108	121	51	46	139	4,025
1957	1,815	454	560	383	321	108	138	48	42	153	4,022
1958	1,805	441	651	376	329	96	113	41	47	161	4,060
1959	1,775	459	749	458	359	91	130	48	33	197	4,299
1960	1,832	364	794	459	352	135	131	40	30	184	4,331
1961	1,737	374	774	486	342	154	123	40	37	198	4,265
1962	2,163	381	839	503	365	150	142	34	31	169	4,777
1963	2,206	394	892	533	385	89	150	31	27	140	4,848
1964	2,302	377	1,003	539	392	92	141	31	38	144	5,059
1965	2,210	340	1,027	493	420	114	150	34	17	102	4,907
1966	2,473	333	1,188	485	484	174	153	31	14	97	5,432
1967	2,559	320	1,169	450	468	107	147	37	19	48	5,324
1968	2,580	252	1,121	434	509	150	160	38	20	88	5,352
1969	2,775	281	1,174	432	468	88	187	31	24	46	5,486
1970	2,593	246	1,331	446	470	69	134	28	10	8	5,336
1971 2/	2,623	289	1,108	415	453	48	125	23	71	188	5,293

1/ Adjusted for foreign trade and change in stocks. 2/ Preliminary.

NOTE: Data in tables 187 and 188 based on total population. This differs slightly from table 155 which is based on civilian population.

Table 189.--Total drying oils: Supply, disposition, and utilization, 1950-71 1/

Year	Supply				Disposition				Utilization									
	Production from:		Imports	Stocks, Jan. 1	Total	Exports 2/	Shipments to U.S. Territories	Re-exports 4/	Domestic disappearance	Nonfood uses								
	Domestic materials 2/	Imported materials 3/								Drying oil products								
									Soap	Paint and varnish	Linoleum and oilcloth	Resins	Other	Total	Feeds and loss	Other	Total	
-- Million pounds --																		
1950	844	50	126	556	1,575	95	1	8	763	5/	585	98	27	49	759	---	4	763
1951	845	22	44	708	1,620	92	---	---	802	---	568	103	37	60	768	12	23	802
1952	605	16	38	725	1,385	56	---	1	533	5/	464	90	21	41	616	13	4	633
1953	547	17	33	695	1,292	92	---	5/	633	5/	456	87	27	36	606	12	15	633
1954	876	18	45	567	1,506	644	---	5/	590	---	444	74	20	35	573	11	6	590
1955	721	22	34	281	1,050	242	---	2	609	---	427	57	27	66	587	12	10	609
1956	804	21	41	205	1,071	268	---	1	621	---	469	58	25	45	597	12	13	621
1957	789	17	39	181	1,026	332	---	1	533	---	415	38	21	41	515	10	8	533
1958	581	17	40	161	799	103	---	5/	509	---	414	28	13	39	494	9	5	509
1959 6/	717	9	144	210	1,080	214	---	5/	642	---	451	33	73	26	583	---	60	542
1960	495	1	146	224	856	163	---	5/	550	---	372	22	71	22	487	---	62	550
1961	546	2	153	153	854	132	---	2	544	---	379	22	61	23	485	---	59	544
1962	505	9	143	175	832	95	---	1	558	---	394	20	64	22	500	---	57	558
1963	514	2	122	179	817	86	---	2	561	---	404	13	68	22	507	---	55	561
1964	647	5/	135	7/351	1,133	160	---	1	8/571	---	411	15	76	21	523	---	47	571
1965	542	1	161	7/428	1,132	121	1	5/	8/536	---	361	14	74	20	466	---	78	536
1966	620	5/	142	7/477	1,239	259	5/	5/	527	---	336	7	74	22	439	---	80	527
1967	532	5/	119	7/453	1,104	168	5/	5/	506	---	337	14	71	21	443	---	63	506
1968	519	5/	134	7/430	1,083	296	5/	5/	462	---	283	18	64	23	388	---	74	462
1969	497	5/	176	7/325	998	205	5/	5/	487	---	290	11	37	36	374	---	113	487
1970	399	5/	128	7/306	833	109	5/	5/	413	---	232	10	32	33	307	---	106	413
1971 9/	423	5/	101	7/311	835	57	5/	5/	439	---	267	6	27	33	333	---	106	439
1972				7/339														

1/ Includes linseed, oiticica, tung and dehydrated castor oils. 2/ Includes oil equivalent of flaxseed exported. 3/ Represents oil equivalent of imported flaxseed. 4/ Some drying oils are imported free of duty. For these all imports are considered as imports for consumption. Hence reexports of these must be subtracted to obtain the domestic disappearance. 5/ Less than 500,000 pounds. 6/ Beginning January 1, 1959 stocks include hydrogenated oils and stearin. Includes total castor oil as dehydrated is no longer separately reported. 7/ Includes GSA Stockpile. 8/ Reported factory consumption. 9/ Preliminary.

Table 190.--Fats and oils used in drying oil products, by kind of oil, 1950-71

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor oil	Oiticica oil	Tall oil	Other fats and oils	Total
-- Million pounds --									
1950	590	213	109	33	66	12	70	84	1,178
1951	665	194	61	28	38	12	84	69	1,151
1952	536	209	51	36	41	11	87	61	1,033
1953	536	242	51	34	39	10	93	82	1,036
1954	498	209	48	23	36	8	116	76	1,017
1955	504	226	51	33	63	12	123	113	1,125
1956	513	194	51	32	74	11	146	87	1,107
1957	437	191	48	33	79	11	128	106	1,032
1958	427	158	41	30	64	10	111	93	934
1959	448	184	46	21	83	9	84	48	1/924
1960	351	172	38	49	85	15	86	38	1/833
1961	365	163	38	73	75	7	96	38	1/855
1962	374	166	32	70	77	16	104	37	1/891
1963	382	179	31	22	83	5	105	48	1/879
1964	372	188	31	41	111	10	102	47	1/902
1965	328	208	34	80	107	8	117	27	1/909
1966	310	214	33	130	89	8	114	25	1/923
1967	315	192	37	65	92	1	107	48	1/859
1968	251	193	38	122	89	11	109	56	1/858
1969	271	191	31	63	61	12	88	21	1/738
1970	230	167	28	29	48	4	75	47	1/627
1971 2/	276	148	23	28	32	3	71	44	1/625

1/ Excludes fats and oils used in fatty acids, many of which are used in drying oil products. 2/ Preliminary.

Table 191.--Paint and varnish: Fats and oils used in manufacture, 1950-71

Year	Linseed oil	Tung oil	Fish oil	Soybean oil	Castor oil	Oiticica oil	Cocunut oil	Other	Fats and oils			Tall oil	Total including tall oil
									Total primary	Secondary 1/	Total excluding tall oil		
-- Million pounds --													
1950	443	92	21	117	47	10	4	2	735	21	756	20	776
1951	483	54	22	88	26	10	4	4	690	20	710	24	743
1952	395	44	32	120	17	9	4	6	628	30	659	32	691
1953	405	43	31	161	22	7	5	3	677	38	716	24	750
1954	382	42	20	139	19	6	5	11	623	31	653	40	693
1955	354	43	13	136	27	9	7	7	597	39	637	40	677
1956	398	42	14	114	27	6	5	7	615	25	639	46	687
1957	345	41	11	109	27	7	6	7	555	22	577	44	621
1958	358	32	12	101	23	7	4	8	545	20	565	37	602
1959	379	40	3	103	28	9	13	---	575	16	591	29	619
1960	295	30	33	100	31	15	4	---	508	15	523	35	558
1961	313	31	52	95	28	7	4	---	539	17	556	38	595
1962	324	24	68	86	29	15	6	---	552	15	567	42	609
1963	345	22	9	92	31	5	7	---	516	11	527	45	572
1964	326	23	23	94	22	10	4	13	546	8	553	46	600
1965	291	24	52	95	48	8	2	2/	531	6	537	51	588
1966	272	24	112	103	33	8	---	---	552	9	561	51	611
1967	271	29	48	89	38	1	4	---	480	14	494	50	544
1968	203	28	100	85	41	11	6	---	474	16	490	52	541
1969	229	21	40	94	28	12	6	---	430	2	432	41	474
1970	192	20	13	85	21	4	5	10	350	3	353	43	395
1971 3/	240	13	9	82	11	3	5	7	370	5	375	43	419

1/ May include some unclassified primary oils. 2/ Less than 500,000 pounds. 3/ Preliminary.

Table 192.--Linoleum and oilcloth: Fats and oils used in manufacture, 1950-71

Year	Linseed oil	Tung oil	Fish oil	Soybean oil	Castor oil		Oiticica oil	Other	Fats and oils			Tall oil	Total including tall oil
					No. 1 and No. 2	Dehydrated			Total	Secondary	Total excluding tall oil		
-- Million pounds --													
1950	90	5	4	29	3	3	---	---	135	3	137	16	153
1951	101	1	2	10	1/	1/	---	---	115	4	119	15	134
1952	89	1/	1	17	1	1/	---	---	109	3	112	13	125
1953	86	1/	1	11	1	1/	---	1	99	1	100	17	117
1954	73	1	1	7	1/	---	---	---	82	1	83	29	112
1955	67	---	---	---	---	---	---	8	76	4	80	31	111
1956	58	1/	---	4	---	---	---	8	70	4	74	31	105
1957	38	---	---	---	---	---	---	---	38	33	71	31	102
1958	28	---	---	---	---	---	---	---	28	31	59	27	86
1959	33	---	8	---	---	---	---	---	41	---	41	22	63
1960	22	---	---	1	---	---	---	---	23	1/	24	17	41
1961	22	---	2	---	---	---	---	---	24	1/	24	20	44
1962	20	---	---	---	---	---	---	---	20	---	20	22	43
1963	13	---	---	---	---	---	---	---	13	---	13	17	30
1964	15	---	---	---	---	---	---	---	15	---	15	17	32
1965	14	---	---	---	---	---	---	---	14	---	14	28	42
1966	7	---	---	---	---	---	---	---	7	---	7	24	31
1967	14	---	---	---	---	---	---	---	14	---	14	19	33
1968	18	---	---	---	---	---	---	---	18	---	18	15	33
1969	11	---	---	---	---	---	---	---	11	---	11	16	28
1970	10	---	---	---	---	---	---	---	10	1/	10	---	10
1971 2/	6	---	---	---	---	---	---	---	6	---	6	---	6

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 193.--Surface coatings: Production and fats, oils, and plastics used, 1950-71

Year	Production of paint, varnish and lacquer						Use of fats and oils		Use of plastics		Drying oil-plastic usage ratio	
	Total 1/	Trade sales products 2/		Industrial product finishes 3/		Total 4/	Per gallon	Total 5/	Per gallon			
		Total	Paint and varnish	Lacquer	Total					Paint and varnish		Lacquer
Million gallon						Mill. lb.	Lb.	Mill. lb.	Lb.	Ratio		
1950	641	N.A.	N.A.	N.A.	N.A.	N.A.	873	1.4	646	1.1	1.4	
1951	590	N.A.	N.A.	N.A.	N.A.	N.A.	887	1.5	740	1.3	1.2	
1952	583	N.A.	N.A.	N.A.	N.A.	N.A.	809	1.4	729	1.3	1.1	
1953	658	420	197	5/	179	134	858	1.3	803	1.2	1.1	
1954	626	416	200	5/	170	129	842	1.3	770	1.2	1.1	
1955	721	515	255	5/	252	188	842	1.2	918	1.3	.9	
1956	695	503	257	5/	239	170	858	1.2	825	1.2	1.0	
1957	648	518	266	5/	244	183	795	1.2	887	1.3	.9	
1958	595	321	N.A.	N.A.	274	202	731	1.2	880	1.5	.8	
1959	650	346	N.A.	N.A.	304	225	791	1.2	999	1.5	.8	
1960	663	344	344	2/	319	235	84	716	1.1	974	1.5	.7
1961	623	329	322	7	294	218	76	744	1.2	980	1.6	.8
1962	644	337	330	7	306	224	82	763	1.2	1,079	1.7	.7
1963	674	373	365	8	305	232	73	727	1.1	1,102	1.6	.7
1964	724	394	385	8	330	253	77	786	1.1	1,172	1.6	.7
1965	775	411	402	9	355	279	86	790	1.0	1,252	1.6	.6
1966	837	415	405	11	421	317	104	810	1.0	N.A.	N.A.	N.A.
1967	782	508	389	9	383	302	81	740	.9	1,185	1.6	.6
1968	844	424	413	11	419	328	91	747	.9	N.A.	N.A.	N.A.
1969	880	430	420	10	450	345	105	623	.7	N.A.	N.A.	N.A.
1970	827	428	414	14	399	304	95	534	.6	N.A.	N.A.	N.A.
1971 8/	874	431	419	12	444	344	100	542	.6	N.A.	N.A.	N.A.

1/ Bureau of the Census. 2/ Census defines trade products as "stock type" shelf goods normally distributed through wholesale-retail channels and purchased by painters and others for general application on new construction or for general maintenance. 3/ Census defines industrial finishes as those formulated to meet conditions of application and use of the product to which applied and are generally applied as part of the manufacturing process. Industrial finishes also include coatings specially formulated for industrial maintenance use requiring protection against extreme temperatures, fungi, chemicals, fumes, etc. 4/ Includes an estimated 90-95% of the oil listed by Census as used in synthetic resins which end up in protective coatings. 5/ Stanford Research Institute, Chemical Economics Handbook. 6/ Included in paint and varnish. 7/ Trade sales of lacquers included in industrial lacquers. 8/ Preliminary.

Table 194.--Fatty acid production and fats and oils used in manufacture, 1950-71

Year	Fats and oils used in products: fatty acids							Fatty acid production as % of total fats and oils used
	Fatty acid production (all grades)	Inedible tallow and grease	Tall oil 1/	Coconut oil	Vegetable foods	Other	Total	
--- Million pounds ---								
1950	651	229	---	52	147	73	501	130
1951	595	243	---	55	101	54	453	131
1952	548	187	---	48	143	34	412	133
1953	512	252	2/	45	130	150	577	89
1954	500	242	2/	54	116	109	521	96
1955	517	273	2/	40	116	172	606	85
1956	545	266	161	45	99	54	645	84
1957	505	284	264	45	89	55	737	69
1958	462	256	293	39	83	51	722	64
1959	681	373	557	98	94	28	1,150	59
1960	708	386	674	83	77	24	1,245	57
1961	706	356	676	74	82	37	1,226	58
1962	785	411	720	96	92	41	1,319	59
1963	836	449	779	51	89	39	1,406	59
1964	936	489	925	54	79	55	1,598	59
1965	1,041	540	1,023	54	72	46	1,735	60
1966	1,134	583	1,171	60	79	64	1,957	58
1967	1,089	545	1,167	56	81	43	1,892	58
1968	1,108	573	1,144	64	82	44	1,907	58
1969	1,138	608	1,154	56	79	46	1,943	59
1970	1,123	585	1,230	60	81	49	2,004	56
1971 3/	1,096	585	1,017	60	80	37	1,779	62

1/ The use of whole or crude tall oil in the distillation or fractionation process is reported by Census as consumed in fatty acids. This overstates the amount of tall oil going into fatty acids as the fractionation process also yields rosin acids, and secondary products. 2/ Included in "other secondary products" not shown separately to avoid disclosure of figures for individual companies. 3/ Preliminary.

Table 195.--Fatty acids (all grades): Supply and disposition, 1950-71

Calendar year	Supply				Disposition	
	Production	Imports	Stocks, Jan. 1	Total	Exports and shipments	Domestic disappearance
-- Million pounds --						
1950	651	3	58	712	60	584
1951	595	3	68	666	50	536
1952	548	4	80	632	40	517
1953	512	3	75	590	24	491
1954	500	3	75	578	15	487
1955	517	1	^{1/} 54	572	17	498
1956	545	1	56	602	27	514
1957	505	1	61	567	23	483
1958	462	1	61	521	47	423
1959	681	1	68	750	28	641
1960	708	1	78	787	45	646
1961	706	3	96	805	48	686
1962	785	4	71	860	49	728
1963	836	6	83	925	41	771
1964	936	11	112	1,059	64	914
1965	1,041	10	81	1,132	79	967
1966	1,134	10	86	1,230	78	1,060
1967	1,089	10	92	1,190	76	1,006
1968	1,108	12	108	1,228	75	1,048
1969	1,138	16	106	1,260	82	1,035
1970	1,123	8	141	1,272	124	1,025
1971 ^{2/}	1,096	6	123	1,225	123	990
1972			112			

^{1/} Method of reporting stocks changed; reported stocks for December 31, 1955, were 75 million pounds.

^{2/} Preliminary. SOURCE: Bureau of the Census.

Table 198--U.S. production of natural and synthetic glycerine, actual and percentage, 1952-71

Year	Production			Percentage distribution		Production as percentage of preceding year		
	Natural	Synthetic	Total	Natural	Synthetic	Natural	Synthetic	Total
	1/ Mil. lb.	1/ Mil. lb.	Mil. lb.	Pct.	Pct.	Pct.	Pct.	Pct.
1952	152	36	188	81	19	89	90	89
1953	172	43	215	80	20	113	119	114
1954	147	60	207	71	29	85	139	96
1955	148	80	228	65	35	101	133	110
1956	143	101	244	59	41	97	126	107
1957	135	105	240	56	44	94	104	98
1958	132	81	214	62	38	98	77	89
1959	149	118	268	56	44	113	146	125
1960	151	150	302	50	50	101	127	113
1961	138	141	279	49	51	91	94	92
1962	131	118	249	53	47	95	84	89
1963	141	161	303	47	53	108	136	122
1964	150	178	328	46	54	106	110	108
1965	145	201	347	42	58	97	113	106
1966	155	200	355	43	57	107	100	102
1967	156	210	366	42	58	100	105	103
1968	160	203	363	44	56	102	97	99
1969	148	200	348	43	57	92	99	96
1970	144	190	334	43	57	97	95	96
1971	150	176	326	46	54	104	93	98

1/ Estimates of the Glycerine Producers' Association.

Table 199--Estimated consumption of glycerine, by end-product groups, 1961-71 1/

Product	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Million pounds --											
Alkyds	70	70	65	75	73	70	70	62	55	53	50
Tobacco	30	35	38	40	42	43	46	45	42	40	38
Cellophane	50	50	44	50	45	45	43	38	37	35	30
Explosives	15	15	15	15	18	23	23	23	20	18	16
Drugs and Toilet Goods (Including Toothpaste)	35	35	45	46	48	60	55	52	52	53	52
Foods and Monoglycerides	14	15	22	23	26	30	34	34	35	36	35
Urethane Foams	---	---	9	10	13	14	14	14	15	16	17
Triacetin (Plasticizer)	---	---	3	3	4	4	10	11	11	11	11
Miscellaneous	52	37	50	27	43	36	19	26	21	13	21
Total	266	257	291	289	312	325	314	305	288	273	260

1/ Estimates of the Glycerine Producers' Association.

Table 200.--Glycerine 1/: Supply and disposition, 1952-71

Year	Supply		Disposition			
	Production	Imports	Stocks, January 1	Total	Exports	Domestic disappearance
-- Million pounds --						
1952	188	15	56	259	9	212
1953	215	35	38	288	4	224
1954	207	14	60	281	17	222
1955	228	27	42	297	10	236
1956	244	18	52	314	10	237
1957	240	27	67	334	10	243
1958	214	18	81	313	17	255
1959	268	10	41	319	21	260
1960	302	15	38	355	20	278
1961	279	15	56	350	16	266
1962	249	9	69	327	13	257
1963	303	2	58	363	31	291
1964	328	9	41	378	28	289
1965	347	4	61	412	52	312
1966	355	4	48	407	43	325
1967	366	3	39	408	44	314
1968	363	1	51	415	56	305
1969	348	1	53	402	53	288
1970	334	<u>2/</u>	62	396	74	273
1971	326	1	50	377	69	260

1/ 100 percent glycerol basis. 2/ Less than 500,000 pounds. SOURCE: Bureau of the Census.

Table 201.--Oilseed Meals: Index numbers of wholesale prices, United States, 1950-71
Base period (1967=100) 1/

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Average
1950	74	80	83	84	89	87	85	85	84	86	83	87	84
1951	93	95	97	97	96	96	101	105	107	108	118	112	102
1952	103	97	94	91	88	86	83	83	81	81	79	76	87
1953	74	75	85	88	90	95	104	102	97	101	98	84	91
1954	83	85	85	84	82	79	76	72	71	72	71	75	78
1955	73	68	69	69	66	64	69	74	75	72	72	67	70
1956	68	68	67	70	67	66	65	64	64	66	71	70	67
1957	64	62	62	62	65	73	79	74	77	89	80	79	72
1958	70	73	82	85	77	76	77	75	75	79	73	71	76
1959	76	78	78	80	76	74	75	72	70	69	68	71	74
1960	66	62	68	72	77	80	90	90	83	84	86	79	78
1961	74	78	79	80	78	81	82	83	86	89	89	97	83
1962	90	91	91	93	94	91	88	88	91	94	96	97	92
1963	95	96	98	99	95	94	91	84	84	84	84	90	91
1964	88	85	88	86	89	88	89	88	95	96	92	100	90
1965	92	96	92	99	99	94	97	102	114	121	122	113	103
1966	106	103	109	106	102	100	97	97	102	101	102	103	102
1967	96	96	97	98	97	97	98	98	104	108	108	110	100
1968	100	95	94	93	91	93	94	96	99	99	98	94	96
1969	96	92	106	115	111	96	98	95	99	108	110	107	103
1970	102	102	107	105	102	99	98	102	105	109	104	98	103
1971	98	97	106	108	109	116	120						

1/ Includes soybean, cottonseed, linseed, copra and peanut meals.

Table 202.--Soap and synthetic detergents: Estimated sales, total and per capita, 1950-71 1/

Year	Estimated sales			Per capita			Percentage distribution	
	Soap (non-liquid) 2/	Synthetic detergent 3/	Total	Soap	Synthetic detergent 3/	Total	Soap	Synthetic detergent
	-- Million pounds --			Pounds	Pounds	Pounds	-- Percent --	
1950	2,882	1,443	4,325	18.9	9.5	28.4	67	33
1951	2,441	1,565	4,006	15.8	10.1	25.9	61	39
1952	2,210	1,896	4,106	14.0	11.8	25.8	54	46
1953	1,923	2,118	4,041	12.0	13.2	25.2	48	52
1954	1,692	2,468	4,160	10.4	15.1	25.5	41	59
1955	1,590	2,700	4,290	9.6	16.8	26.3	36	64
1956	1,540	3,230	4,770	9.1	19.1	28.2	32	68
1957	1,430	3,500	4,930	8.3	20.3	28.7	29	71
1958	1,370	3,550	4,920	7.8	20.3	28.1	28	72
1959	1,250	3,820	5,070	7.0	21.5	28.5	25	75
1960	1,230	3,940	5,170	6.8	21.8	28.6	24	76
1961	1,180	4,110	5,290	6.4	22.4	28.8	22	78
1962	1,210	4,420	5,630	6.5	23.7	30.2	22	78
1963	1,190	4,540	5,730	6.3	24.0	30.3	21	79
1964	1,140	4,730	5,870	5.9	24.7	30.6	19	81
1965	1,110	4,870	5,980	5.7	25.1	30.8	19	81
1966	1,100	5,000	6,100	5.6	25.4	31.0	18	82
1967	1,110	5,200	6,310	5.6	26.2	31.8	18	82
1968	1,110	5,350	6,460	5.5	26.7	32.2	17	83
1969	1,070	5,490	6,560	5.3	27.1	32.4	16	84
1970	1,050	5,650	6,700	5.1	27.6	32.7	16	84
1971	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

1/ Estimates of the Soap and Detergent Association and are subject to revision. Data are on the built, finished-weight basis. 2/ Excludes scouring cleansers, liquid soaps, and reported exports where possible. 3/ Includes only those solid and liquid with end-uses and characteristics similar to soap, and excludes scouring cleansers and shampoos where possible. Liquids converted to pounds on the basis of 8 pounds per gallon. N.A.--Not available.

Table 203.--Soap: Fats and oils used, by kind, 1950-71

Year	Inedible tallow and greases	Palm oil	Coconut oil	Palm kernel oil	Tall oil	Vegetable oil foots	Rosins	Other fats and oils	Total
									saponifiable materials
-- Million pounds --									
1950	1,363	3	257	1/	13	69	43	181	1,929
1951	1,195	3	197	---	22	55	38	144	1,654
1952	1,084	3	204	1/	15	68	30	81	1,485
1953	1,026	4	175	23	14	61	20	80	1,403
1954	907	8	175	6	12	55	19	85	1,267
1955	864	12	173	5	14	29	18	98	1,213
1956	813	4	177	1	17	25	16	82	1,135
1957	789	2	173	---	12	27	9	74	1,066
1958	727	1	161	---	12	25	7	62	995
1959	729	5	144	11	23	23	6	12	953
1960	746	10	145	12	15	23	3	---	953
1961	721	---	140	14	12	21	1/	2	911
1962	683	1	141	5	10	18	---	2	859
1963	684	3	132	---	8	14	---	---	861
1964	691	---	158	---	8	19	---	---	875
1965	651	---	145	---	9	8	---	8	820
1966	667	---	150	---	9	7	---	6	839
1967	643	---	146	---	8	12	---	4	813
1968	639	---	154	---	9	6	---	4	812
1969	635	---	150	---	4	4	---	3	795
1970	602	---	164	---	1	4	---	8	779
1971 2/	588	---	166	---	3	2	---	16	774

1/ Less than 500,000 pounds. 2/ Preliminary.

Table 204.--Soap and synthetic detergents: Production by types, census years, 1904-67

Census years	Soap 1/					Synthetic detergents 4/	Total general purpose items 5/	
	Toilet	Laundry bars 2/	Granulated, powdered, and sprayed 3/	Chips and flakes 3/	Excluding laundry bars		Including laundry bars	
-- Million pounds --								
1904	130	1,104	---	---	---	---	---	1,104
1909	112	1,381	---	---	---	---	---	1,381
1914	170	1,429	---	---	98	---	98	1,527
1919	179	1,347	---	---	182	---	182	1,529
1921	197	1,305	---	---	144	---	144	1,449
1923	240	1,515	---	---	219	---	219	1,734
1925	272	1,431	---	---	325	---	467	1,898
1927	287	1,487	216	---	373	---	589	2,076
1929	324	1,466	337	---	388	---	725	2,191
1931	309	1,431	422	---	351	---	773	2,204
1933	315	1,298	370	---	399	---	769	2,027
1935	352	1,134	503	---	459	---	962	2,095
1937	350	1,122	743	---	390	---	1,143	2,265
1939	409	1,240	893	---	419	10	1,330	2,570
1947	566	765	1,546	---	423	18	2,377	2,570
1954	521	288	499	---	196	2,468	3,163	3,142
1958	525	6/213	7/470	---	149	3,550	4,169	4,382
1963	637	6/86	8/355	---	9/	4,540	4,895	4,981
1967	669	69	295	---	2/	5,200	5,495	5,564

1/ From Census of Manufacturers. 2/ Total of "tallow" and "other hard soaps" prior to 1925. 3/ Includes both bulk and packaged items. 4/ Estimates of the Soap and Detergent Association. 5/ Total of items shown other than toilet soap. 6/ Includes other laundry and household soaps (including industrial). 7/ Includes washing powders. 8/ Includes washing powders, chips, and flakes. 9/ Included in granulated, powdered, and sprayed.

Table 205.--Oilseed cakes and meals: Supply and disposition, 1950-70 1/

Year beginning October	Supply				Disposition			
	Stocks, October 1 2/	Production	Imports	Total supply	Exports	Shipments	Feed 3/	Total distribution
-- 1,000 tons --								
1950	262	8,650	192	9,104	248	---	8,720	8,968
1951	136	8,939	358	9,433	86	---	9,189	9,275
1952	158	8,848	304	9,310	102	---	8,978	10,080
1953	4/230	8,821	168	9,219	158	---	8,737	8,905
1954	314	8,901	95	9,310	517	---	8,579	9,096
1955	214	9,926	104	10,244	739	---	9,238	9,977
1956	267	10,556	124	10,947	531	---	10,084	10,615
1957	332	10,807	148	11,287	315	---	10,824	11,139
1958	148	12,286	162	12,596	571	---	11,834	12,405
1959	191	12,212	43	12,446	852	---	11,337	12,189
1960	257	12,529	66	12,852	667	---	12,010	12,677
1961	175	13,487	93	13,755	1,118	---	12,434	13,552
1962	203	14,385	52	14,640	1,624	---	12,689	14,313
1963	327	13,910	53	14,290	1,593	---	12,415	14,008
1964	282	14,619	35	14,936	2,248	28	12,460	14,736
1965	200	16,113	52	16,367	2,817	55	13,287	16,159
1966	209	15,784	79	15,871	2,757	50	12,995	15,802
1967	270	15,611	49	15,930	3,006	60	12,592	15,658
1968	272	17,121	31	17,424	3,137	65	13,989	17,191
1969	233	19,867	3	20,103	4,138	80	15,690	19,908
1970 5/	195	20,419	2	20,616	4,696	73	15,614	20,383
1971 5/	233							

1/ Includes soybean, cottonseed, linseed, peanut and copra meals. 2/ Stocks at processors plants. 3/ Includes small quantities of soybean meal used for industrial purposes, and cottonseed meal used for fertilizer on farms of cotton growers. 4/ Includes 29,000 tons owned by CCC and not stored at processors plants. 5/ Preliminary.

Table 206.--Soybean meal: Supply, disposition, meal equivalent of exports of soybeans, and price, 1950-70

Year beginning October	Supply				Disposition				Price per ton, Bulk, Decatur			
	Production	Imports	Stocks, October 1 1/	Total	Exports	Shipments to U.S. Territories	Domestic disappearance Total	Soybeans (Meal equivalent of exports) 2/	44% protein	or 50% protein		
-- 1,000 tons --									Pounds	1,000 tons	Dollars	Dollars
1950	5,897	33	35	5,965	181	---	5,748	103	661	64.45	---	
1951	5,704	24	36	5,764	42	---	5,670	100	405	83.35	---	
1952	5,551	41	52	5,644	47	---	5,540	100	758	67.55	---	
1953	5,051	16	37	5,124	67	---	4,995	89	982	78.65	---	
1954	5,705	---	62	5,767	272	---	5,458	96	1,440	60.70	---	
1955	6,546	---	37	6,583	400	---	6,072	104	1,603	52.55	60.85	
1956	7,510	---	111	7,621	443	---	7,123	124	2,027	47.45	54.75	
1957	8,284	1	55	8,340	300	---	7,992	139	2,031	53.40	61.30	
1958	9,490	3/	48	9,538	512	---	8,968	150	2,614	55.80	61.60	
1959	9,152	3/	58	9,210	649	---	8,479	143	3,358	55.55	60.50	
1960	9,452	---	83	9,535	590	---	8,867	146	3,090	60.60	66.50	
1961	10,342	---	78	10,420	1,064	---	9,262	151	3,639	63.60	69.40	
1962	11,127	---	94	11,221	1,476	---	9,586	153	4,282	71.30	77.10	
1963	10,609	---	159	10,769	1,478	---	9,168	146	4,539	71.00	78.70	
1964	11,286	---	122	11,408	2,036	23	9,243	147	4,890	70.20	79.20	
1965	12,901	---	106	13,007	4/2,604	52	10,219	159	5,968	81.50	89.60	
1966	13,483	---	132	13,615	2,657	49	10,772	162	6,327	78.80	84.30	
1967	13,660	---	138	13,798	2,899	60	10,693	162	6,415	76.90	86.30	
1968	14,581	---	145	14,726	3,044	56	11,469	170	6,797	74.10	82.50	
1969	17,556	---	157	17,713	4,035	67	13,514	195	10,669	78.40	86.60	
1970 5/	18,035	---	137	18,172	4,559	61	13,406	188	10,271	78.50	84.30	
1971 5/			146									

1/ Stocks at processors' plants. 2/ Calculated at 47.5 pounds of meal per bushel. 3/ Less than 500 tons. 4/ Includes reexports. 5/ Preliminary.

Table 207.--Oilseed cakes and meals: Quantities consumed by different animal classes and type of meal, year beginning October, 1950-70

Type of meal and year	Livestock						Poultry				Total oilseed meals fed
	Cattle		Total	Hogs	Other livestock: ^{1/}	Total livestock: ^{2/}	Broilers	Hens and pullets	Other poultry: ^{2/}	Total poultry	
	Dairy	Beef									
-- 1,000 tons --											
Total oilseed cakes and meals 3/											
1950	1,069	1,660	2,729	2,090	535	5,354	870	1,200	1,235	3,305	8,659
1951	1,470	1,940	3,410	1,830	669	5,909	930	1,160	1,130	3,220	9,129
1952	1,685	1,825	3,510	1,741	470	5,721	1,025	1,080	1,050	3,195	8,916
1953	1,600	1,880	3,480	1,671	465	5,616	1,050	930	1,060	3,060	8,676
1954	1,450	1,920	3,370	1,601	465	5,436	1,035	1,065	985	3,085	8,521
1955	1,509	2,076	3,585	1,338	599	5,522	1,958	1,227	872	3,657	9,179
1956	1,557	2,023	3,580	1,545	595	5,720	1,811	1,550	943	4,304	10,024
1957	1,745	2,038	3,783	1,707	648	6,138	2,223	1,430	975	4,628	10,766
1958	1,800	2,305	4,105	2,181	658	6,944	2,000	1,913	917	4,830	11,774
1959	1,771	2,500	4,271	1,530	678	6,479	2,167	1,873	758	4,798	11,277
1960	2,049	2,229	4,278	2,118	577	6,973	2,259	1,640	1,078	4,977	11,950
1961	1,954	2,882	4,836	2,284	581	7,701	2,116	1,603	956	4,675	12,376
1962	2,141	3,052	5,193	2,024	637	7,854	2,220	1,597	968	4,785	12,639
1963	2,216	2,765	4,981	1,693	726	7,400	2,427	1,558	948	4,933	12,333
1964	2,256	3,072	5,328	1,520	721	7,569	2,409	1,570	874	4,853	12,422
1965	2,203	2,911	5,114	1,740	932	7,786	2,696	1,548	1,308	5,552	13,338
1966	1,996	2,621	4,617	1,653	1,239	7,509	2,850	1,430	1,239	5,519	13,028
1967	2,038	2,414	4,452	1,192	1,345	6,989	2,945	1,503	1,211	5,659	12,648
1968	1,955	2,537	4,492	1,892	1,890	8,478	2,859	1,428	1,289	5,576	14,054
1969	1,743	3,019	4,762	3,005	1,976	9,743	2,764	1,847	1,410	6,021	15,764
1970	1,763	3,152	4,915	2,787	2,058	9,760	2,561	1,904	1,466	5,931	15,691
1971											
Soybean meal											
1950	401	595	996	1,305	362	2,663	---	---	---	3,055	5,718
1951	530	335	865	1,475	330	2,670	---	---	---	2,970	5,640
1952	726	195	921	1,434	215	2,570	---	---	---	2,940	5,510
1953	434	240	674	1,291	190	2,155	1,050	680	1,080	2,810	4,965
1954	552	600	1,152	1,201	240	2,593	---	---	---	2,835	5,428
1955	568	710	1,278	925	443	2,646	1,558	966	872	3,396	6,042
1956	784	850	1,634	950	460	3,054	1,811	1,285	943	4,039	7,093
1957	1,025	841	1,866	1,220	513	3,599	2,123	1,265	975	4,363	7,962
1958	1,100	957	2,057	1,871	500	4,428	1,850	1,743	917	4,510	8,938
1959	972	1,346	2,318	1,242	506	4,066	1,982	1,644	1,078	4,384	8,450
1960	1,381	779	2,160	1,738	402	4,300	2,059	1,400	1,078	4,537	8,837
1961	1,314	1,439	2,753	1,871	404	5,028	1,918	1,330	966	4,204	9,232
1962	1,454	1,659	3,113	1,708	443	5,264	1,991	1,333	958	4,292	9,556
1963	1,477	1,413	2,890	1,267	518	4,675	2,227	1,288	948	4,463	9,138
1964	1,534	1,694	3,188	1,147	514	4,849	2,309	1,304	874	4,387	9,236
1965	1,538	1,675	3,213	1,319	670	5,202	2,535	1,403	1,134	5,072	10,274
1966	1,506	1,889	3,395	1,421	1,053	5,869	2,700	1,290	961	4,951	10,820
1967	1,578	1,769	3,347	1,041	1,166	7,554	2,833	1,380	987	5,200	10,754
1968	1,350	1,738	3,088	1,826	1,696	6,570	2,724	1,254	977	4,955	11,525
1969	1,225	2,270	3,595	2,738	1,732	8,065	2,648	1,708	1,161	5,517	13,582
1970	1,340	2,330	3,670	2,578	1,803	8,051	2,445	1,761	1,210	5,416	13,467
1971											
Cottonseed meal											
1950	470	935	1,405	195	153	1,753	---	100	---	100	1,853
1951	550	1,540	2,090	140	320	2,550	---	100	---	100	2,650
1952	729	1,465	2,194	142	235	2,571	---	100	---	100	2,671
1953	901	1,520	2,421	150	255	2,826	---	100	---	100	2,926
1954	780	1,170	1,950	150	205	2,305	---	100	---	100	2,405
1955	757	1,190	1,947	310	156	2,413	---	98	---	98	2,511
1956	552	963	1,515	470	135	2,120	---	100	---	100	2,220
1957	470	937	1,407	305	135	1,847	100	150	---	250	2,097
1958	550	990	1,540	200	158	1,898	190	150	---	300	2,198
1959	600	990	1,590	177	163	1,930	185	215	---	400	2,330
1960	577	1,085	1,662	245	166	2,073	200	225	---	425	2,498
1961	844	1,156	1,700	297	170	2,167	198	257	---	455	2,622
1962	573	1,149	1,722	198	186	2,106	229	250	---	479	2,585
1963	642	1,050	1,692	346	198	2,236	200	260	---	460	2,696
1964	616	1,115	1,731	296	192	2,224	200	250	---	456	2,680
1965	965	998	1,963	350	254	2,167	161	130	---	105	2,563
1966	375	525	900	175	175	1,250	190	125	---	290	1,755
1967	343	467	810	90	166	1,066	112	107	---	177	1,462
1968	473	629	1,102	218	221	1,541	135	155	---	255	2,086
1969	223	604	827	196	231	1,354	116	122	---	202	1,794
1970	271	624	895	125	241	1,261	116	118	---	198	1,693
1971											
Other oilseed cake and meals 4/											
1950	91	365	456	135	9	600	---	15	---	15	615
1951	96	287	383	116	7	506	---	16	---	16	622
1952	114	244	358	118	8	484	---	14	---	14	498
1953	97	302	399	80	10	489	---	10	---	10	499
1954	106	303	409	77	10	496	---	10	---	10	506
1955	100	238	338	71	8	417	---	15	---	69	501
1956	115	297	322	57	11	390	---	15	---	48	453
1957	117	178	295	61	13	369	---	16	---	47	432
1958	132	170	302	52	13	367	---	19	---	57	443
1959	95	145	240	71	13	324	---	17	---	47	388
1970	152	198	350	84	14	448	---	25	---	58	531
1971											

^{1/} Includes sheep, horses and mules, and other livestock on farms and all livestock not on farms. ^{2/} Includes chickens raised and turkeys. ^{3/} Includes soybeans, cottonseed, linseed, peanut, and copra meals. ^{4/} Includes linseed, peanut, and copra meals. NOTE: Total oilseed meals fed shown here differs slightly from some other tables in this bulletin as the above data includes shipments to U.S. Territories but excludes industrial uses of oilseed meals.

Table 208.--Oilseed cakes and meals: Estimated percentage consumed by different animal classes and type of meal, year beginning October, 1948-49, 1950-54, 1955-59, 1960-64 averages, and 1965-70 annual

Type of meal and year	Livestock						Poultry			Total oilseed meals fed	
	Cattle		Hogs	Other livestock 1/	Total livestock	Broilers	Hens and pullets	Other Poultry 2/	Total poultry		
	Dairy	Beef									Total
	-- Percent --										
Total oilseed cakes and meals 3/											
1948-49	19.9	17.8	37.7	21.1	5.5	64.3	7.7	13.7	14.3	35.7	100.0
1950-54	16.6	21.0	37.6	20.4	5.9	63.9	11.2	12.4	12.5	36.1	100.0
1955-59	15.8	20.6	36.4	15.7	6.0	58.1	18.4	15.1	8.4	41.9	100.0
1960-64	17.2	22.7	39.9	15.6	5.3	60.8	18.5	12.9	7.8	39.2	100.0
1965	16.5	21.8	38.3	13.1	7.0	58.4	20.2	11.6	9.8	41.6	100.0
1966	15.3	20.1	35.4	12.7	9.5	57.6	21.9	11.0	9.5	42.4	100.0
1967	16.1	19.1	35.2	9.4	10.6	55.3	23.2	11.9	9.6	44.7	100.0
1968	13.9	18.1	32.0	14.9	13.4	60.3	20.3	10.2	9.2	39.7	100.0
1969	11.1	19.1	30.2	19.1	12.5	61.8	17.6	11.7	8.9	38.2	100.0
1970	11.2	20.1	31.3	17.8	13.1	62.2	16.3	12.1	9.4	37.8	100.0
1971											
Soybean meal											
1948-49	10.4	3.8	14.2	24.5	4.7	43.4	4/	4/	4/	56.6	100.0
1950-54	9.7	7.2	16.9	24.6	4.9	46.4	4/	4/	4/	53.6	100.0
1955-59	11.6	12.2	23.8	16.1	6.3	46.2	24.3	17.9	11.6	53.8	100.0
1960-64	15.6	15.1	30.7	16.8	4.9	52.4	22.6	14.5	10.5	47.6	100.0
1965	15.0	16.3	31.3	12.8	6.5	51.6	24.7	13.7	11.0	49.4	100.0
1966	13.9	17.5	31.4	13.1	9.7	54.2	25.0	11.9	8.9	45.8	100.0
1967	14.7	16.4	31.1	9.7	10.8	51.6	26.4	12.8	9.2	48.4	100.0
1968	11.7	15.1	26.8	15.8	14.4	57.0	23.6	10.9	8.5	43.0	100.0
1969	9.8	16.7	26.5	20.1	12.8	59.4	19.5	12.6	8.5	40.6	100.0
1970	9.9	17.3	27.2	19.2	13.4	59.8	18.1	13.1	9.0	40.2	100.0
1971											
Cottonseed meal											
1948-49	32.6	46.9	79.5	7.1	8.9	95.5	4/	4/	4/	4.5	100.0
1950-54	27.4	53.0	80.4	6.2	9.4	96.0	4/	4.0	4/	4.0	100.0
1955-59	25.8	44.6	70.4	12.9	6.6	89.9	5/3.8	6.3	4/	10.1	100.0
1960-64	22.6	42.4	65.0	10.6	7.0	82.6	7.9	9.5	4/	17.4	100.0
1965	22.1	38.9	61.0	13.7	9.9	84.6	6.3	5.0	4.1	15.4	100.0
1966	21.4	29.9	51.3	10.0	9.9	71.2	8.6	7.1	13.1	28.8	100.0
1967	23.5	31.9	55.4	6.2	11.3	72.9	7.7	7.3	12.1	27.1	100.0
1968	22.6	30.2	52.8	10.5	10.6	73.9	6.5	7.4	12.2	26.1	100.0
1969	18.0	33.7	51.7	10.9	12.9	75.5	6.5	6.8	11.2	24.5	100.0
1970	16.0	36.9	52.9	7.4	14.2	74.5	6.8	7.0	11.7	25.5	100.0
1971											
Other oilseed meals 6/											
1948-49	32.4	10.5	42.9	40.3	0.4	83.6	4/	4/	4/	16.4	100.0
1950-54	29.0	15.2	44.2	35.1	2.4	81.7	4/	18.3	4/	18.3	100.0
1955-59	31.6	36.4	68.0	19.8	.3	88.1	4/	11.9	4/	11.9	100.0
1960-64	19.1	56.9	76.0	19.9	1.6	97.5	4/	2.5	4/	2.5	100.0
1965	20.0	47.5	67.5	14.1	1.6	83.2	4/	3.0	13.8	16.8	100.0
1966	25.4	45.7	71.1	12.6	2.4	86.1	4/	3.3	10.6	13.9	100.0
1967	27.1	41.2	68.3	14.1	3.0	85.4	4/	3.7	10.9	14.6	100.0
1968	29.8	38.4	68.2	11.7	2.9	82.8	4/	4.3	12.1	17.2	100.0
1969	24.5	37.4	61.9	18.3	3.3	83.5	4/	4.4	12.1	16.5	100.0
1970	28.6	37.3	65.9	15.8	2.7	84.4	4/	4.7	10.9	15.6	100.0
1971											

1/ Includes sheep, horses and mules, and other livestock on farms and all livestock not on farms. 2/ Includes chickens raised and turkeys. 3/ Includes soybean, cottonseed, linseed, peanut, and copra meals. 4/ Not available. 5/ Not shown separately prior to 1957. 6/ Includes linseed, peanut, and copra meals.

Table 209.--Oilseed cakes and meals: Estimated quantities consumed by type of meal and different animal classes, year beginning October, 1948-49, 1950-51, 1955-59, 1960-64 averages, and 1965-70 annual

Animal class and year	Soybean meal		Cottonseed meal		Other oilseed meals 1/		Total oilseed meal	
	1,000 tons	Percent	1,000 tons	Percent	1,000 tons	Percent	1,000 tons	Percent
Total livestock and poultry 2/								
1948-49	4,338	57.2	2,327	30.6	928	12.2	7,592	100.0
1950-54	5,452	62.1	2,501	28.5	827	9.4	8,780	100.0
1955-59	7,697	72.6	2,271	21.4	636	6.0	10,604	100.0
1960-64	9,200	74.5	2,616	21.2	528	4.3	12,344	100.0
1965	10,274	77.0	2,563	19.2	501	3.8	13,338	100.0
1966	10,820	83.0	1,755	13.5	453	3.5	13,028	100.0
1967	10,734	85.0	1,462	11.6	432	3.4	12,628	100.0
1968	11,525	82.0	2,286	14.8	443	3.2	14,254	100.0
1969	13,582	86.1	1,754	11.4	388	2.5	15,724	100.0
1970	13,467	85.8	1,693	10.8	531	3.4	15,691	100.0
1971								
Total livestock 3/								
1948-49	1,881	38.6	2,222	45.5	776	15.9	4,879	100.0
1950-54	2,530	45.1	2,401	42.8	676	12.1	5,607	100.0
1955-59	3,559	57.8	2,042	33.1	560	9.1	6,161	100.0
1960-64	4,823	64.3	2,161	28.8	515	6.9	7,499	100.0
1965	5,202	66.8	2,167	27.8	417	5.4	7,786	100.0
1966	5,869	78.2	1,250	16.6	390	5.2	7,509	100.0
1967	5,554	79.5	1,066	15.2	369	5.3	6,989	100.0
1968	6,570	77.5	1,541	18.2	367	4.3	8,478	100.0
1969	8,065	82.8	1,354	13.9	324	3.3	9,743	100.0
1970	8,051	82.5	1,261	12.9	448	4.6	9,760	100.0
1971								
Dairy cattle								
1948-49	451	29.8	759	50.3	301	19.9	1,511	100.0
1950-54	529	36.4	686	47.1	240	16.5	1,455	100.0
1955-59	889	53.0	586	35.0	201	12.0	2,123	100.0
1960-64	1,432	67.4	590	27.8	101	4.8	2,123	100.0
1965	1,538	69.8	565	25.6	100	4.6	2,203	100.0
1966	1,506	75.4	375	18.8	115	5.8	1,996	100.0
1967	1,578	77.3	343	16.8	117	5.9	2,038	100.0
1968	1,350	69.0	473	24.2	132	6.8	1,955	100.0
1969	1,325	76.0	323	18.5	95	5.5	1,743	100.0
1970	1,340	76.0	271	15.4	152	8.6	1,763	100.0
1971								
Beef cattle								
1948-49	165	12.2	1,090	80.6	97	7.2	1,352	100.0
1950-54	393	21.3	1,326	71.9	126	6.8	1,845	100.0
1955-59	943	43.1	1,013	46.3	232	10.6	2,188	100.0
1960-64	1,389	49.6	1,111	39.7	300	10.7	2,800	100.0
1965	1,675	57.5	998	34.3	238	8.2	2,911	100.0
1966	1,889	72.1	525	20.0	207	7.9	2,621	100.0
1967	1,769	73.3	467	19.3	178	7.4	2,414	100.0
1968	1,738	68.5	529	24.8	170	6.7	2,537	100.0
1969	2,270	75.2	604	20.0	145	4.8	3,019	100.0
1970	2,330	73.9	624	19.8	198	6.3	3,152	100.0
1971								
Hogs								
1948-49	1,062	66.4	164	10.2	374	23.4	1,600	100.0
1950-54	1,342	75.1	155	8.7	290	16.2	1,787	100.0
1955-59	1,242	74.8	292	17.6	126	7.6	1,660	100.0
1960-64	1,546	80.2	276	14.3	105	5.5	1,928	100.0
1965	1,319	75.8	350	20.1	71	4.1	1,740	100.0
1966	1,421	86.0	175	10.6	57	3.4	1,653	100.0
1967	1,041	87.3	90	7.6	61	5.1	1,192	100.0
1968	1,826	87.1	218	10.4	52	2.5	2,096	100.0
1969	2,738	91.1	196	6.5	71	2.4	3,005	100.0
1970	2,578	92.5	125	4.5	84	3.0	2,787	100.0
1971								
Total poultry 4/								
1948-49	2,457	90.6	104	3.8	152	5.6	2,713	100.0
1950-54	2,922	92.0	100	3.2	151	4.8	3,173	100.0
1955-59	4,138	93.1	230	5.2	75	1.7	4,443	100.0
1960-64	4,377	90.3	455	9.4	13	0.3	4,845	100.0
1965	5,072	91.4	396	7.1	84	1.5	5,552	100.0
1966	4,951	89.7	505	9.2	63	1.2	5,519	100.0
1967	5,200	91.9	396	7.0	63	1.1	5,659	100.0
1968	4,955	88.8	545	9.8	76	1.4	5,576	100.0
1969	5,517	91.6	440	7.3	64	1.1	6,021	100.0
1970	5,416	91.3	432	7.3	83	1.4	5,931	100.0
1971								
Broilers								
1948-49	2/	---	6/	---	7/	---	582	100.0
1950-54	5/	---	6/	---	7/	---	982	100.0
1955-59	1,865	95.5	6/87	4.5	7/	---	1,952	100.0
1960-64	2,081	91.0	205	9.0	7/	---	2,286	100.0
1965	2,535	94.0	161	6.0	7/	---	2,696	100.0
1966	2,700	94.7	150	5.3	7/	---	2,850	100.0
1967	2,833	96.2	112	3.8	7/	---	2,945	100.0
1968	2,724	95.3	135	4.7	7/	---	2,859	100.0
1969	2,648	95.8	116	4.2	7/	---	2,764	100.0
1970	2,445	95.5	116	4.5	7/	---	2,561	100.0
1971								

1/ Includes linseed, peanut, and copra meals. 2/ Includes cattle, hogs, sheep, horses and mules, and other livestock on farms, all livestock not on farms, broilers, hens and pullets, chickens raised and turkeys. 3/ Includes cattle, hogs, sheep, horses and mules, and other livestock on farms and all livestock not on farms. 4/ Includes broilers, hens and pullets, chickens raised and turkeys. 5/ Not shown separately prior to 1953. 6/ Not shown separately prior to 1957. 7/ Not available. NOTE: Total oilseed meals fed shown here differs slightly from some other tables in this bulletin as the above data includes shipments to U.S. Territories but excludes industrial uses of oilseed meals.

Table 210.--Urea: Distribution of U.S. production and sales, and price, 1956-71 1/

Calendar Year	Total, all urea		Feed 2/		Fertilizer, solid and liquid		Other 3/		Price 4/	
	Production	Sales	Production	Sales	Production	Sales	Production	Sales	4% nitrogen, bagged, Ft. Worth Dol. per ton	
	-- 1,000 tons --									
1956	420.9	373.6	5/63.0	5/60.0	247.2	215.9	5/110.7	5/91.7		
1957	480.2	448.2	68.2	65.1	292.1	276.0	119.9	107.1		
1958	530.6	495.0	74.8	5/73.8	364.5	345.8	91.3	5/75.5		
1959	630.6	576.5	5/85.0	80.9	444.1	413.7	5/101.6	81.9		
1960	734.5	706.5	95.0	94.6	548.4	547.6	91.1	64.3		
1961	921.8	889.0	161.5	107.4	734.5	707.7	85.8	73.9		
1962	1,010.0	967.0	111.4	114.1	807.7	789.3	90.9	63.6		
1963	1,091.4	1,014.9	126.4	129.6	854.2	813.0	110.8	72.3		
1964	1,209.9	1,142.5	119.4	129.0	981.1	942.6	109.4	70.9		
1965	1,285.5	1,233.4	150.5	152.6	1,018.0	1,000.4	118.0	60.4		
1966	1,716.4	1,631.7	193.0	192.0	1,359.4	1,329.9	164.0	109.8	4/90	
1967	2,091.2	1,896.3	230.9	232.9	1,700.3	1,546.2	160.0	117.2	4/90	
1968	2,435.6	2,234.1	282.6	277.4	1,980.7	1,833.5	172.3	123.2	4/90	
1969	2,972.2	2,657.7	335.5	340.8	2,457.1	2,208.7	179.6	108.2	71	
1970 6/	3,119.2	2,728.1	335.5	292.4	2,611.4	2,325.5	172.3	110.2	71	
1971									70	

1/ For comparability, all data are shown on basis of 46% nitrogen content. Feed urea normally contains 42% or 45% nitrogen. 2/ Understates actual quantities fed as data excludes unknown quantities of imported and domestically produced fertilizer grade used in feed. 3/ Plastics and other industrial uses. 4/ 1956-68 price quoted as 45% N, Houston. 5/ Estimated; data not reported separately. 6/ Preliminary. Source: U.S. Tariff Commission, except price which was compiled from Feedstuffs.

Table 211.--Comparative cost of grain-urea mixtures with soybean meal and cottonseed meal, 1956-70

Year beginning October	Corn-urea mixture and soybean meal, Chicago				Sorghum grain-urea mixture and cottonseed meal, Ft. Worth			
	Corn, No. 3 yellow	Corn-urea mixture 1/	Soybean meal 44 percent protein	Difference	Sorghum grain, No. 2 yellow	Sorghum grain-urea mixture 2/	Cottonseed meal 41 percent protein	Difference
	Dol. per bu.		-- Dol. per ton --		Dol. per cwt. --		-- Dol. per ton --	
1956	1.31	57.00	54.35	-2.65	2.29	56.10	57.30	1.20
1957	1.21	53.90	60.40	6.50	2.20	54.60	54.80	.20
1958	1.21	53.80	60.50	6.70	2.23	55.10	63.55	8.45
1959	1.17	52.70	59.10	6.40	1.98	50.80	62.15	11.35
1960	1.10	50.40	64.30	13.90	2.04	51.80	60.10	8.30
1961	1.11	50.80	67.50	16.70	2.06	52.20	65.30	13.10
1962	1.19	53.20	75.20	22.00	2.13	53.40	72.00	18.60
1963	1.20	53.40	75.20	21.80	2.29	56.10	68.40	12.30
1964	1.26	55.40	74.60	19.20	2.39	57.80	63.20	5.40
1965	1.27	55.60	85.80	30.20	2.27	55.80	73.40	17.60
1966	1.36	58.50	83.20	24.40	2.40	58.00	81.30	23.30
1967	1.12	51.00	81.40	30.40	2.27	55.80	77.50	21.70
1968	1.20	49.25	78.60	29.35	2.31	52.20	67.60	15.40
1969	1.25	53.50	83.50	30.00	2.42	54.00	79.40	25.40
1970 2/	1.44	56.60	84.20	27.60	2.73	59.40	81.60	22.20

1/ Mixture of 1,715 pounds of grain and 285 pounds of urea. Urea cost computed at 5 cents per pound through 1967; 3.5 cents beginning 1968. Includes grain allowance of 15 cents per cwt. 2/ Preliminary.

Table 212.--High-protein feed: Quantity available for feeding and high-protein animal units, 1950-70

Year beginning October	Quantity available for feeding (in terms of 41% protein soybean meal equivalent) ^{1/}				High-protein animal units ^{2/}			Total per animal unit
	Oilseed meal ^{3/}	Animal protein ^{4/}	Grain protein ^{5/}	Total	Livestock	Poultry	Total	
	-- 1,000 tons --				Million	Million	Million		Pounds
1950	7,798	2,470	1,069	11,337	69.7	42.2	111.9	203
1951	8,224	2,638	835	11,697	70.5	42.6	113.1	207
1952	8,079	2,663	767	11,509	69.1	41.9	111.0	207
1953	7,882	2,969	825	11,676	68.4	43.3	111.7	208
1954	7,809	2,931	893	11,593	71.1	42.2	113.3	209
1955	8,471	3,233	897	12,601	71.4	45.4	116.8	216
1956	9,350	3,005	897	13,252	69.1	46.1	115.2	229
1957	10,115	2,838	899	13,852	67.4	47.9	115.3	240
1958	11,143	3,056	903	15,102	70.3	49.1	119.4	253
1959	10,655	3,103	972	14,730	70.1	48.3	118.4	249
1960	11,259	3,281	947	15,487	70.0	51.8	121.8	254
1961	11,687	3,421	1,052	16,160	71.0	51.3	122.3	264
1962	11,976	3,543	1,069	16,588	73.0	52.0	125.0	265
1963	11,656	3,753	1,136	16,545	72.4	53.4	125.8	263
1964	11,804	3,557	1,181	16,542	69.9	55.9	125.8	263
1965	12,689	3,577	1,238	17,504	68.6	59.7	128.3	273
1966	12,561	3,950	1,250	17,761	71.0	62.0	133.0	267
1967	12,240	4,290	1,283	17,813	71.5	50.3	131.8	270
1968	13,520	3,868	1,298	18,686	72.2	62.5	134.7	277
1969	15,310	3,444	1,321	20,075	72.2	66.1	138.3	292
1970 ^{6/}	15,227	3,533	1,319	20,079	74.6	66.3	140.9	285
1971								

^{1/} Converted on the basis of digestible protein using the following protein feeds and conversion factors: Soybean meal 0.97 in 1950; .99 in 1951; .99 in 1952 and 1.00 in 1953 and subsequent years; cottonseed meal .80; linseed meal .75; peanut meal 1.00; copra meal .40; tankage and meat meal 1.10; fishmeal 1.45; dried milk products .70; gluten feed and meal .60; brewers dried grains .45; distillers dried grains .50. ^{2/} SOURCE: National and State Livestock-Feed Relationships, Stat. Bul. 446, December 1970, ERS, U.S. Department of Agriculture, Washington, D.C. ^{3/} Soybean, cottonseed, linseed, peanut and copra meals. ^{4/} Tankage and meat meal, fish meal and dried milk products. ^{5/} Gluten feed and meal, brewers' and distillers' dried grains. ^{6/} Preliminary.

Table 213.--Fats, oils and oil products: Shipments to U.S. Territories, 1950-71 ^{1/}

Year	Vegetable oils						Animal and fish fats and oils					Oil products and secondary fats and oils						Total (fat content)
	Cottonseed oil	Soybean oil	Cocunut oil	Linseed oil	Corn oil	Other vegetable oil	Butter (actual weight)	Lard	Tallow edible	Tallow inedible	Fish and marine oil	Margarine (actual weight)	Shortening	Mayonnaise and other salad products (actual weight)	Soap (fat content)	Petty acids	Tall oil	
1950	2/	2	2/	1		1	2	56				4	2	2/	14			81
1951							2	54				4	2		10			72
1952							3	60				5	2		11			81
1953							4	53				5	3		10			75
1954							5	56				5	3		9			79
1955							6	57				4	3		9			82
1956							6	60				4	3		10			86
1957							10	62				5	4		9			93
1958							11	66				5	4		4			94
1959							14	68				6	4		4			101
1960						16	3	61				6	5		4			94
1961						20	3	69				6	5		5			107
1962						23	7	56				6	5		5			115
1963						29	7	57				7	7		5			107
1964						37	11	64				6	7		5			128
1965	2	22	2/	1		13	9	75	2/	1	2/	5	5	2	21	2/	2/	156
1966	2	27	2/	2/		15	5	63	2/	3	2/	9	12	2	25	2/	2/	161
1967	2	30	2/	1	12	7	4	58	1	1	2/	10	11	2	12	2/	1	152
1968	2	27	2/	2/	15	10	8	58	1	1	2/	7	10	3	13	2/	2/	156
1969	2	33	2/	2/	22	8	6	67	1	1	2/	8	10	3	13	2/	2/	174
1970	1	33	2/	2/	24	13	7	53	2	1	2/	8	12	5	12	1	2/	172
1971 ^{3/}	1	37	2/	2/	27	17	6	62	2/	1	2/	10	10	4	11	2/	2/	186

^{1/} Includes shipments to Puerto Rico, Virgin Islands, Wake, Guam and American Samoa. ^{2/} Less than 500,000 pounds. ^{3/} Preliminary.

Table 214--Estimated U.S. production of soy protein foods, 1967 and 1970

Soy protein food	Protein content	Price	Estimated production		Current uses
			1967 1/	1970	
	Pct.	Ct. per lb.	Mil. lb.		
Flour and grits 2/.....	40 - 55	5½ - 11½	105 - 110	500 - 600	Ingredients for baked goods, dog foods, sausages
Concentrates.....	60 - 70	18 - 25	17 - 30	35	Manufacturing textured products; ingredient in processed meats, baby foods, health foods
Isolates.....	90 - 97	35 - 45	22 - 35	25	Manufacturing analogs, for use in comminuted meats, such as meat loaf, frankfurters, etc.
Textured items 3/.....					
Extruded	50 - 55	28 and up	N.A.	30	Bacon strips and bits; pork, beef, chicken, fish, ham, and similar foods
Spun	90+	50 and up			

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1/ Food Uses of Soy Protein, Marketing and Transportation Situation, USDA, Economic Research Service, August 1968. 2/ Flour and grits, although handled differently and sold for different uses, are essentially the same product. Both are ground defatted flakes. Grits are coarse (larger than 100 mesh); flour is fine ground (smaller than 100 mesh). 3/ Textured items are of two distinctly different types. Extruded items, made from flour are textured by high-temperature, high-pressure extrusion, using a plastic type extruder. Spun items, made from isolates, are spun, using somewhat the same technique used in rayon or nylon.

NOTE: In 1967, 3 soybean processors produced over 90% of the soy flour and grits, 4 manufacturers produced all the soy protein concentrate, and 3 firms manufactured all the soy protein isolate.

In 1970, 17 firms produced soy protein for human consumption in one form or another. Of the 17 firms, 11 produced flour and grits, 4--concentrates, 3--isolates, and 8--textured products.

SOURCE: Synthetics and Substitutes for Agricultural Products, Projection for 1980, Marketing Research Report No. 947, USDA, Economic Research Service, March 1972.

Table 215--Exports: Fats and oils and their products and oil-equivalent of oilseeds, and reexports, 1950-71 1/

Year	Vegetable oils and oil equivalent of oilseeds														Animal and fish fats and oils							
	Cotton-seed oil	Cotton-seed (oil equivalent) 2/	Soybean oil	Soybeans (oil equivalent) 2/	Coconut oil	Peanut oil	Peanuts for crushing (oil equivalent) 3/	Flaxseed (oil equivalent) 2/	Linseed oil	Flaxseed (oil equivalent) 2/	Corn oil	Safflower (oil equivalent)	Castor oil	Tall oil	Tung oil	Other	Total	Lard	Butter (actual weight)	Oleo oil	Oleo stearine	Oleo stock
-- Million pounds --																						
1950	140	3	300	187	25	40	22	24	71	1	2	36	4/	4	855	467	26	5	1	3		
1951	61	2	504	241	40	63	21	17	74	3	1	44	1	5	1,076	689	22	4	2	3		
1952	105	3	222	235	38	15	---	19	37	---	1	35	4/	43	750	634	1	5	1	20		
1953	76	4	49	440	13	1	13	91	4/	---	1	42	4/	58	788	423	25	7	2	15		
1954	585	4	77	470	11	9	56	412	152	---	1	61	4/	106	2,066	465	54	3	2	16		
1955	603	7	134	745	9	1	---	147	173	1	1	48	2	29	1,818	562	221	5	2	21		
1956	619	4	679	762	10	6	---	98	120	---	3	44	4/	49	2,449	611	182	5	5	13		
1957	412	4	685	966	10	23	23	140	192	---	3	52	4/	58	2,568	501	10	4	3	3		
1958	161	2	873	926	7	3	2	10	93	---	2	37	4/	58	2,174	389	34	4	4	4		
1959	519	2	889	1,347	8	14	8	9	179	---	2	21	24	54	3,075	605	25	5	5	6		
1960	452	2	1,058	1,627	7	8	14	57	83	---	1	53	22	40	3,425	620	8	4	4	2		
1961	395	2	659	1,469	3	17	5	21	91	---	1	33	20	83	2,809	417	7	4	4	1		
1962	439	4	1,375	1,770	3	4/	4/	21	79	---	1	27	9	145	3,851	422	5/35	4	4	4/		
1963	392	2	1,119	1,922	10	9	2	16	68	---	1	30	1	149	3,725	538	5/195	4	4	4/		
1964	567	3	1,292	2,305	2	81	46	19	139	---	1	34	1	163	4,721	682	5/296	5	5	4/		
1965	565	2	1,220	2,504	12	61	27	42	178	---	133	34	1	63	4,801	251	65	10	---	---		
1966	184	3	869	2,729	9	27	27	125	133	---	83	105	1	52	4,531	158	14	13	---	---		
1967	74	3	1,135	2,898	11	6	48	46	121	12	86	117	1	61	4,618	189	3	13	---	---		
1968	60	1	992	3,239	5	3	25	110	184	7	64	98	1	67	4,817	175	32	4	---	---		
1969	251	2	889	3,423	3	34	7	38	165	10	49	---	125	74	5,085	262	21	6	---	---		
1970	374	8	1,502	4,832	11	32	14	48	59	13	47	---	163	1	7,208	366	2	11	---	---		
1971 5/	401	12	1,729	4,656	21	85	54	47	9	16	40	---	132	1	7,304	282	93	4	---	---		
Animal and fish fats and oils														Oil products and secondary fats and oils								
Tallow, edible	Fish oil	Marine mammal oil	Fish liver oil	Neat's-foot oil	Wool grease	Tallow, inedible, and greases 7/	Total (fat content)	Primary fats and oils (fat content)	Margarine (actual weight)	Shortening	Soap (fat content)	Fats and fatty acids	Stearic acid	Oleic acid	Other	Total (fat content)	Grand total (fat content)					
-- Million pounds --																						
1950	6	76	4/	1	1	1	536	1,119	1,974	8/3	11	22	54	6	98	2,036						
1951	6	50	4/	1	4/	1	537	1,309	2,385	8/2	11	25	40	8	92	2,435						
1952	11	46	4/	4/	4/	---	748	1,465	2,216	8/3	8	21	41	6	10	2,309						
1953	20	108	4/	4/	4/	---	1,197	1,792	2,580	3/4	13	20	27	7	6	2,654						
1954	15	142	4/	4/	4/	---	1,162	1,859	3,925	4	14	18	20	5	2	3,989						
1955	8	143	4/	4/	1	---	1,296	2,216	4,035	4	39	14	21	7	3	4,123						
1956	20	143	1	4/	4/	---	1,493	2,432	4,881	3	9	15	25	1	2	4,937						
1957	7	117	2	4/	4/	---	1,384	2,026	4,594	5	13	19	15	6	3	4,656						
1958	5	94	1	1	---	---	1,115	1,640	3,813	4	29	15	46	7	1	3,920						
1959	13	145	2	---	---	---	1,462	3,257	5,332	4	32	13	28	---	4	5,413						
1960	12	146	---	1	---	---	1,696	2,487	5,913	4	26	17	45	---	3	6,068						
1961	3	125	---	1	---	---	1,805	2,351	5,170	3	5/87	13	48	---	4	5,154	5/5,324					
1962	6	129	---	1	---	---	1,595	2,185	6,035	3	5/131	11	49	---	3	5,197	5/6,233					
1963	4	273	---	1	---	---	1,874	2,850	6,576	3	5/82	11	41	---	4	5,120	5/6,696					
1964	5	157	---	1	---	---	2,399	3,439	8,210	3	15	13	64	---	4	5,100	5/8,310					
1965	4	114	---	---	---	---	2,126	2,557	7,358	2	42	10	79	---	4	7,496						
1966	4	82	---	---	---	---	1,972	2,240	5,570	4	30	11	78	---	7	6,701						
1967	5	79	---	---	---	---	2,221	2,509	7,127	4	28	10	76	---	7	7,220						
1968	6	72	---	---	---	---	2,236	2,519	7,336	3	34	12	75	---	8	7,468						
1969	7	200	---	---	---	---	1,895	2,387	7,472	3	23	13	83	---	8	7,602						
1970	11	168	---	---	---	---	2,242	2,800	10,008	3	25	11	123	---	9	10,179						
1971 6/	6	236	---	---	---	---	2,606	3,209	10,513	3	20	10	123	---	3	10,672						

1/ Totals include the oil equivalent of oilseeds exported for crushing and the oil equivalent of re-exports of copra. Fat content of butter obtained by multiplying actual weight by 0.805 and of margarine, by use of a factor that varies from year to year but averages about 0.81. 2/ Conversion factors used for each year are the same as the yield shown for that year from crushings. 3/ Based on a yield of 43.5 percent. 4/ Less than 500,000 pounds. 5/ Includes estimates of foreign donations not reported by Census. 6/ Preliminary. 7/ Includes tallow inedible; choice, white grease; animal fats and oils, inedible; lard and tallow oil and stearine, inedible; and fats unrendered of cattle, sheep and goats. 8/ Includes estimated quantities exported by Care and under the other voluntary relief programs.

Table 216--Coconut oil: Exports by country of destination, United States; annual 1955-71

Country of destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
North America:																	
Canada	1	1	2/	2/	2/	1	1	2/	2/	1	1	3	1	1	2	2	10
Cuba	4	4	2	4	7	4	---	---	---	---	---	---	---	---	---	---	---
Mexico	2/	---	---	---	---	2/	2/	2/	2/	---	---	---	---	---	2/	2/	2/
Other	2/	1	2/	2/	2/	1	2/	2/	2/	2/	2/	2/	2/	2/	2/	1	1
Total	5	6	3	4	7	6	1	2/	2	1	1	3	1	1	2	3	11
South America:																	
Colombia	1	1	2	2/	2/	2/	2/	2/	2/	2/	---	---	---	---	---	---	---
Ecuador	1	3	2	1	2/	1	2/	2/	2/	2/	---	---	---	---	---	---	---
Venezuela	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	---	---	---	---	---	---	3
Other	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	---	---	---	---	---	---	2/
Total	3	4	4	2	1	1	1	1	2/	1	---	2/	2/	2/	2/	3	2/
Europe:																	
Germany, West	---	---	---	4/	2/	2/	2/	2/	---	---	---	---	2/	2/	2/	2	---
Iceland	2/	2/	2/	---	2/	2/	---	---	---	---	---	---	---	---	---	---	---
Other	2/	2/	3	2/	2/	2/	1	2/	3	2/	2/	1	2	2	1	1	3
Total	1	2/	3	2/	2/	2/	1	2/	3	2/	---	1	2	2	1	3	3
Other	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	1	1	1	1	1	2	1
Total Exports	9	10	10	7	8	7	3	1	5	2	2	5	4	5	6	10	15
Re-exports	---	2/	---	---	---	---	---	2/	4	2/	9	3	7	1	3	2	7
Total Exports and re-exports	9	10	10	7	8	7	3	2	10	2	12	9	11	6	8	11	21

1/ Preliminary.
2/ Less than 500,000 pounds

Table 217--Linseed oil: Exports by country of destination, calendar year, 1955-71

Country of destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
North America:																	
Canada	.3	5.7	.2	.2	.8	.5	.2	.4	.5	.7	.7	.8	.5	.7	.6	.6	.6
Cuba	1.4	1.1	2.2	.9	1.1	.1	---	---	---	---	---	---	---	---	---	---	---
Mexico	.5	.1	.2	.2	.1	.1	.2	.2	.2	.8	4.1	1.0	.2	2.1	4.5	.3	.1
Other	2/	1	2/	2/	2/	2/	1	2	2	1	N.A.	N.A.	N.A.	N.A.	2/	2/	2/
Total	2.2	7.0	2.5	1.3	2.2	.8	.5	.7	.8	1.6	4.8	1.8	.7	2.8	5.1	.9	.7
South America:																	
Colombia	.3	.6	.9	.2	.2	.2	.3	.2	.3	.2	.1	.1	---	---	---	2/	---
Venezuela	.3	.2	.5	.1	.3	.1	2/	.1	.1	.3	.3	.4	.3	.3	.3	.4	2/
Other	2/	2	1	1	1	2/	2/	2/	2/	N.A.	N.A.	N.A.	N.A.	N.A.	2/	2/	2/
Total	.7	1.0	1.5	.4	.6	.3	.3	.4	.4	.5	.4	.5	.3	.3	.3	.4	.4
Europe:																	
Belgium	---	12.2	2.4	---	2/	---	---	---	---	---	---	---	---	---	---	2/	---
France	.1	---	2/	---	---	4.9	2/	2/	---	---	---	---	---	---	---	2/	---
Germany, West	---	18.1	3.6	---	2/	2/	2/	2/	---	---	---	---	2/	.2	.3	.2	2/
Netherlands	83.0	42.4	78.4	2.5	5.7	28.2	18.8	4.8	9.3	16.0	19.5	86.4	41.5	85.9	17.3	20.9	6.9
Switzerland	5.2	.8	1.1	---	2/	9.5	---	---	---	---	---	---	---	---	---	---	---
United Kingdom	53.5	11.0	40.2	4.4	2/	11.9	2/	---	5.5	2/	16.5	34.7	2.0	16.4	11.0	17.3	12.0
Other	.1	2.2	4.1	2/	2/	2/	.1	.1	.1	.3	.1	N.A.	N.A.	1.0	.1	8.1	26.4
Total	141.8	86.7	122.8	7.1	5.8	51.6	19.0	4.9	14.9	16.3	36.1	121.1	43.5	103.5	28.7	46.7	45.3
Asia & Oceania:																	
Philippines	.4	1.2	2.1	.8	.2	.3	.6	.2	.1	.1	.1	.1	---	.1	.1	.1	.1
Other	2.1	1.9	3.1	.1	.2	1.0	.2	.1	2/	.7	N.A.	N.A.	.2	.3	.7	.2	.1
Total	2.5	3.1	5.2	.9	.4	1.3	.8	.3	.2	.8	.1	.1	.2	.4	.8	.3	.2
Africa:																	
Other	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	.3	.4	.4	.4	N.A.	N.A.	N.A.
Grand Total	147.2	97.7	139.7	9.8	9.0	57.0	20.5	6.3	16.4	19.1	41.7	126.1	45.4	109.8	38.4	48.3	46.6

1/ Preliminary.
2/ Less than 500,000 pounds.

Table 218.--Cottonseed: Exports by country of destination, United States, 1955-71

Country of destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Million pounds --																	
North America																	
Canada	---	2/	2/	2/	1	2/	2/	2/	2/	1	2/	1	2/	1	2/	2/	2/
Dominican Republic	2/	---	2/	2/	2/	2/	2/	2/	2/	2/	---	2/	2/	2/	---	2/	2/
Guatemala	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Mexico	34	39	35	29	41	39	5	4	2	2	3	2	3	2	9	38	27
Other	1	1	1	2/	2/	1	2/	1	2/	1	1	1	1	2/	2/	1	1
Total	35	20	17	9	6	11	7	7	7	8	6	8	6	4	10	40	68
South America																	
Colombia	3	---	2	2/	2/	1	2	3	2/	2	---	1	1	2/	---	3	2/
Venezuela	1	2/	2/	1	2/	1	1	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Other	2/	1	2/	2/	1	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Total	4	1	2	1	2	3	4	3	2/	2	2/	1	1	2/	2/	4	2
Europe																	
Italy	2/	1	---	2/	2/	2/	1	1	1	1	2/	2/	---	2/	---	2/	---
Spain	2/	2/	---	---	---	2/	2/	1	1	1	2/	2/	---	2/	---	2/	---
Other	2/	2/	2/	---	---	2/	2/	7	2/	2/	3	2/	---	2/	1	2/	1
Total	2/	1	2/	2/	2/	1	1	9	2/	2/	3	2/	2	2/	1	3	1
Asia																	
China	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Japan	---	2/	2/	2/	2/	---	---	---	---	---	---	---	---	---	---	---	---
Syria	2/	6	2	2	2	---	2/	1	---	2/	2/	2/	2/	---	---	---	---
Other	2/	2/	2/	2/	2/	2/	2/	1	2/	2/	2/	2/	2/	---	2/	1	1
Total	3	2/	2/	2/	2/	2/	2/	1	2/	2/	2/	2/	2/	---	2/	1	1
Other	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2/	2/	2/	2/	2/	2/
Grand total	44	26	22	12	11	15	13	21	12	17	11	19	9	7	15	49	72

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 219.--Flaxseed: Exports by country of destination, United States, 1955-71

Country of destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- 1,000 bushels --																	
North America																	
Canada	75	983	1,237	1,174	357	135	2	1	160	54	4	---	1,172	788	2,788	1,605	---
Mexico	26	5	2/	4	17	22	---	---	---	4	34	---	---	6	50	21	22
Other	---	---	2/	---	2/	---	20	---	1	2/	---	---	---	---	---	---	---
Total	101	988	1,237	1,177	374	157	23	1	161	59	38	---	1,172	794	2,838	1,626	22
South America																	
---	---	14	2/	1	2	2/	2/	---	2	2/	---	---	---	---	---	---	---
Europe																	
Belgium	1,321	2,241	980	279	686	707	562	859	676	456	258	698	524	948	325	82	36
Denmark	---	---	105	---	---	56	8	---	6	---	---	24	---	41	---	---	---
Finland	---	---	---	---	---	---	---	87	44	---	65	---	---	---	---	---	---
France	878	1,547	1,779	458	516	---	486	70	253	474	300	---	---	134	115	41	---
Germany, West	---	228	201	---	37	4	241	340	195	1,250	1,265	2,420	1,161	3,997	2,724	99	293
Ireland	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Italy	36	---	419	164	122	---	175	26	---	---	---	---	---	---	---	---	---
Netherlands	1,998	2,920	3,510	2,446	5,592	2,762	2,671	2,358	1,961	4,428	1,181	2,974	2,968	2,205	1,976	1,078	71
Norway	406	321	224	---	257	42	---	---	---	138	---	---	---	153	---	---	---
Poland	---	---	---	---	168	---	347	---	---	---	---	---	---	---	---	---	---
Spain	---	---	---	---	---	---	---	101	3	---	---	---	---	---	---	---	---
Switzerland	50	---	41	60	110	134	82	109	63	143	816	545	203	505	66	---	---
United Kingdom	24	---	1,088	60	348	---	---	---	---	---	---	---	---	---	---	---	---
Yugoslavia	---	---	---	---	---	---	80	---	---	---	---	---	---	---	---	---	---
Other	---	---	---	16	---	---	13	2/	---	---	---	---	---	211	126	---	---
Total	4,313	7,257	8,367	3,481	7,456	3,493	4,505	3,924	3,202	6,888	3,886	6,661	4,856	8,310	5,332	1,300	400
Asia and Oceania																	
Israel	21	22	---	---	2/	---	---	---	---	---	---	---	---	---	---	---	---
Japan	271	296	21	---	674	100	---	---	20	---	---	---	---	---	---	---	---
Korea	---	---	---	---	43	---	---	17	24	---	---	---	---	---	---	---	---
Other	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	292	318	21	---	717	100	---	17	44	---	---	---	---	---	---	---	---
Other	---	---	---	---	---	---	---	---	2/	---	2	2/	2/	---	2/	2/	2/
Grand total	4,706	8,576	9,606	4,660	8,948	4,149	4,527	3,942	3,408	6,947	3,925	6,663	6,029	9,102	8,170	2,926	422

1/ Preliminary. 2/ Less than 500 bushels.

Table 220--Cottonseed, cottonseed oil and cottonseed meal: U. S. exports by country of destination, 1966-70

Country of destination	Year beginning August														
	Cottonseed					Cottonseed oil					Cottonseed meal				
	1966	1967	1968	1969	1970	1966	1967	1968	1969	1970	1966	1967	1968	1969	1970
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
North America:															
Canada	.2	.3	.3	.3	---	8,114	7,558	14,935	26,430	26,863	3.2	2.7	2.1	4.4	1.3
Mexico	1.4	1.1	1.6	17.6	37.7	30	23	1/	33,820	6,973	.2	---	.3	1.8	18.7
Nicaragua	.2	.2	.1	.1	.1	---	---	1/	8,830	---	---	---	---	---	---
Other	1.0	.7	.6	1.0	.4	2,265	2,269	1,280	---	3,481	.2	.2	.1	---	---
Total	2.8	2.3	2.6	18.9	38.2	11,109	9,850	16,215	69,080	36,317	3.6	2.9	2.5	6.2	20.0
South America:															
Colombia	.2	.2	.1	1.5	.1	---	---	1/	---	19	---	---	---	---	---
Venezuela	.1	.1	.1	.2	2/	30,794	35,906	65,051	47,841	61,958	---	---	---	---	---
Other	.2	.1	2/	.2	.2	844	546	258	48	101	---	---	.1	.2	---
Total	.5	.3	.3	1.9	.3	31,638	36,452	65,309	47,889	62,078	---	---	.1	.2	---
Western Europe:															
Belgium	---	---	---	---	---	24	6	10	5,630	687	---	---	---	---	12.3
Denmark	---	---	---	---	---	3	4	---	1	2	---	---	---	---	---
France	---	---	---	2/	---	8	10	33	11	97	.3	---	---	---	---
Germany, West	---	---	---	---	---	---	385	15,319	33,661	48,003	.1	.2	.1	.1	---
Ireland	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---
Italy	---	---	---	2/	---	19	6	15	38	6	---	---	---	---	---
Netherlands	---	---	---	---	---	623	478	10,047	34,037	19,937	---	---	---	---	---
Norway	---	---	---	---	---	---	---	---	---	---	3.5	---	---	---	7.0
Spain	1.0	.4	---	1.6	.6	---	---	---	13	14	---	---	---	---	---
Sweden	---	---	.5	---	.2	1,823	---	6,125	13,452	18,463	---	---	---	---	---
United Kingdom	---	---	2/	---	---	1,333	69	62	70,144	35,017	---	---	---	---	---
Other	---	.1	---	---	---	1,317	67	4	3	5,450	.2	---	2/	---	---
Total	1.0	.5	.6	1.6	.8	5,150	1,025	31,615	156,990	127,678	4.1	.2	.1	---	19.3
Eastern Europe:															
Poland	---	---	---	---	---	---	---	---	16,577	31,869	---	---	---	---	---
Yugoslavia	---	---	---	---	---	---	---	---	1,323	34	---	---	---	---	---
Other	---	---	---	---	---	---	---	---	---	6,391	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	17,900	38,294	---	---	---	---	---
Africa:															
Egypt	---	---	---	---	2/	25,508	---	17,158	64,659	74,317	---	---	---	---	---
Morocco	---	---	---	---	---	32	---	---	12,205	8,810	---	---	---	---	---
Other	.1	2/	2/	2/	2/	144	8	19	25	664	---	---	---	---	---
Total	.1	2/	2/	2/	.1	25,684	8	17,177	76,890	83,791	---	---	---	---	---
Asia:															
India	---	---	---	---	---	---	---	---	2,314	---	---	---	---	---	.1
Iran	---	---	---	---	---	192	10	11	37,690	2,953	---	---	---	---	---
Japan	---	---	2/	.6	---	1,069	1,892	294	5,580	1,102	---	---	7.4	4.7	.1
Pakistan	---	---	---	2/	---	---	6	---	17,810	---	---	---	---	---	---
Turkey	---	---	.2	---	---	---	292	185	---	---	---	---	---	---	---
Other	.3	2/	.2	.3	---	1,934	1,152	1,043	4,081	5,156	.2	---	---	---	---
Total	.3	2/	.4	.9	---	3,195	3,275	1,533	67,475	9,211	.2	---	7.4	4.8	.1
Grand Total	4.7	3.2	3.9	23.2	39.3	76,776	50,610	131,849	436,225	357,368	8.0	3.1	10.1	11.3	39.5

1/ Less than 500 pounds. 2/ Less than 50 tons.

Table 221.--Cottonseed oil: U.S. exports by country of destination, 1955-70

Country of destination	Year beginning October																
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.
North America																	
Canada	35	28	25	27	44	43	30	30	33	43	40	8	7	15	28	26	
Mexico	---	---	2/	2/	2/	31	6	2/	2	42	15	2/	2/	2/	34	7	
Other	4	2	2	2	1	1	1	1	3	6	5	4	2	1	9	4	
Total	39	30	27	29	45	75	37	31	38	91	60	12	9	17	71	37	
South America																	
Argentina	157	---	---	2/	---	---	---	2/	2/	---	---	---	---	---	---	---	
Brazil	1	---	7	---	---	---	---	---	31	12	2/	2	2/	2/	2/	2/	
Chile	43	---	---	---	---	---	2/	2/	2/	---	---	---	---	---	2/	---	
Colombia	14	10	8	3	1	2/	1	2/	---	1	---	---	---	---	---	---	
Ecuador	8	8	2	3	1	2	1	1	2	1	2/	1	2/	2/	---	2/	
Peru	8	4	2/	2/	2/	2/	2/	---	1	4	---	---	---	2/	2/	2/	
Venezuela	4	6	4	5	7	16	18	21	27	31	31	31	35	70	14	62	
Other	4	2	---	---	---	---	---	---	1	1	2/	---	2/	2/	2/	2/	
Total	240	30	22	11	8	18	20	22	61	56	32	32	35	71	44	62	
Western Europe																	
Spain	82	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	
Sweden	---	---	2/	---	2/	2/	1	7	7	4	9	1	2/	7	13	23	
Germany, West	156	239	86	133	220	153	88	49	111	144	56	---	2/	15	36	56	
Netherlands	35	51	17	68	42	8	16	41	70	52	7	1	2/	10	34	22	
Greece	---	---	---	---	---	---	---	---	2/	1	---	---	---	---	---	---	
Italy	16	---	2/	2/	2/	2/	2/	2/	3	1	---	---	---	---	---	---	
Belgium-Luxembourg	---	8	1	---	16	7	2/	2/	4	6	1	2/	2/	2/	6	1	
United Kingdom	---	6	2/	---	7	1	---	2/	2	7	2/	1	2/	2/	70	36	
Other	2/	4	5	6	11	2/	2/	2/	2/	9	2/	2/	2/	2/	2/	6	
Total	276	307	109	207	295	170	106	98	198	225	73	3	1	33	159	144	
Eastern Europe																	
Poland	---	---	2	---	---	1	13	---	37	1	---	---	---	---	23	32	
Yugoslavia	---	2/	2	4	4	---	2	1	1	3	---	---	---	---	1	---	
Other	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total	---	2/	4	4	4	1	15	1	38	4	---	---	---	---	24	32	
Africa																	
Algeria	13	1	---	---	---	---	---	11	1	2	---	---	---	---	---	---	
Egypt	10	---	---	11	---	26	92	28	77	63	39	26	---	17	72	78	
Morocco	---	---	4	13	30	13	4	32	7	40	14	2/	---	---	12	9	
Tunisia	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	
Other	---	---	---	2/	2/	2/	4	1	2/	1	7	2/	2/	2/	2/	1	
Total	22	1	4	24	30	40	101	72	85	108	60	26	2/	17	84	88	
Asia and Oceania																	
Australia	---	---	---	2/	2/	2/	2/	1	2	4	2	2/	2/	2/	2/	5	
Hong Kong	2/	2/	2/	2/	2/	2/	2/	2/	2/	4	2/	2/	2/	2/	2/	2/	
India	---	---	2/	2/	2/	2/	2/	2/	2/	16	---	---	---	---	2	---	
Iran	---	2/	2/	2/	18	12	10	33	32	49	11	2/	2/	2/	39	2	
Israel	13	---	4	13	12	4	2	6	1	1	---	2/	---	2/	---	2/	
Japan	4	7	5	3	10	6	5	14	21	2	10	1	2	2/	6	1	
Pakistan	1	2/	12	27	43	22	60	26	30	21	22	---	2/	---	18	---	
South Viet Nam	---	---	2/	2/	2/	2/	2/	4	1	10	2/	2/	---	---	1	---	
Taiwan	---	---	---	---	---	2/	2/	2/	2/	2	1	---	---	---	---	---	
Turkey	---	46	60	84	35	---	34	45	45	9	2	---	---	2/	---	---	
Other	1	1	1	1	2	7	1	2	2/	5	1	1	1	1	4	1	
Total	20	54	82	129	120	52	112	130	134	123	48	3	3	2	70	8	
Total	612	423	248	404	503	356	391	353	554	606	273	76	49	139	453	371	
Donations																	
Grand Total	612	423	248	404	503	369	471	389	584	639	273	76	49	139	453	371	
Value of exports																	
Total (mil. dol.)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	10	12	40	59	

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Foreign donations estimated by USDA. 4/ October-December 1964 estimate. Beginning January 1965, Census reported donations by country.

Table 222.--Cottonseed and soybean oils: U.S. exports for dollars and under Public Law 480, by country of destination, and total value 1965-70 1/

Country of destination	Year beginning October																	
	1965			1966			1967			1968			1969			1970		
	Public Law 480	Commercial 2/	Total	Public Law 480	Commercial 2/	Total	Public Law 480	Commercial 2/	Total	Public Law 480	Commercial 2/	Total	Public Law 480	Commercial 2/	Total	Public Law 480	Commercial 2/	Total
	-- Million pounds --																	
North America																		
Canada	---	72	72	---	30	30	3/	33	33	3/	45	45	---	79	79	---	77	77
Haiti	---	14	14	---	14	15	---	15	17	---	18	19	---	18	19	---	3	23
Mexico	---	16	16	---	3/	3/	---	11	11	---	4	4	3/	52	52	---	---	8
Other	19	27	47	21	24	45	57	20	78	13	35	48	21	51	72	26	47	73
Total	19	129	149	22	68	90	59	79	138	14	102	116	22	200	222	29	155	184
South America																		
Argentina	---	3/	3/	---	3/	3/	---	---	---	---	2	2	---	---	---	---	3/	3/
Brazil	28	4	32	21	7	28	21	---	21	9	---	---	---	---	---	---	---	---
Chile	2	1	3	3	11	14	33	---	33	20	---	---	10	3/	10	6	---	6
Colombia	8	34	42	12	6	18	8	1	9	---	---	---	31	2	33	4	---	4
Ecuador	5	7	12	3	8	11	1	5	6	8	---	---	15	2	17	10	---	10
Peru	3	13	16	5	9	14	1	5	6	2	7	9	4	8	12	5	---	5
Venezuela	4	31	35	4	31	35	3	34	37	1	5	6	6	53	59	4	---	4
Other	2	1	3	3	2	5	1	3	4	1	72	73	---	44	44	---	---	---
Total	52	90	143	51	74	125	72	41	113	45	97	142	39	144	183	32	250	282
Western Europe																		
Spain	9	---	9	6	---	6	1	---	1	---	---	---	---	3/	3/	---	3/	3/
Sweden	---	9	9	---	1	1	---	3/	3/	---	7	7	---	13	13	---	---	---
Germany, West	---	56	56	---	3/	3/	---	1	1	---	15	15	3/	38	38	---	57	57
Netherlands	---	7	7	---	1	1	---	1	1	---	11	11	3/	35	35	---	---	---
Greece	5	24	29	17	6	23	---	---	---	---	---	---	---	---	---	---	---	---
Italy	3	---	3	---	3/	3/	---	---	---	---	---	---	---	---	---	---	---	---
Belgium-Luxembourg	---	1	1	---	3/	3/	---	3/	3/	---	3/	3/	---	3/	3/	---	---	---
United Kingdom	3/	---	3/	3/	3/	3/	---	3/	3/	---	3/	3/	---	3/	3/	---	---	---
Other	1	6	7	1	7	8	4	3/	3/	1	---	---	1	83	83	---	46	46
Total	18	103	121	24	17	41	5	2	7	2	34	36	1	184	185	---	170	170
Eastern Europe																		
Poland	8	---	8	13	---	13	16	---	16	4	---	---	6	27	33	---	39	39
Yugoslavia	42	7	49	89	26	115	---	---	---	3/	---	---	1	2	3	---	271	271
Other	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	50	7	57	102	26	128	16	---	16	4	---	---	8	29	37	---	310	310
Africa																		
Algeria	8	---	8	12	2	14	---	---	---	3	---	---	1	---	---	---	---	---
Egypt	51	28	79	8	76	84	---	---	---	---	17	17	---	100	100	2	78	80
Guinea	---	3/	3/	---	3/	3/	5	---	5	6	---	---	3/	3/	3/	10	---	10
Morocco	32	4	36	11	---	11	33	22	55	28	---	---	20	45	65	60	35	95
Tunisia	19	15	34	86	12	98	94	5	99	54	3	57	72	23	95	68	8	76
Other	12	16	28	9	7	16	7	---	7	13	---	---	15	21	36	17	21	38
Total	122	63	185	125	96	221	137	27	164	104	20	124	108	189	297	157	142	299
Asia and Oceania																		
Australia	1	9	10	---	5	5	---	8	8	---	2	2	1	7	8	1	11	12
Burma	---	60	60	---	45	45	---	---	---	---	---	---	---	---	---	---	---	---
Hong Kong	2	---	2	1	---	1	1	11	12	1	3	4	1	11	12	---	2	2
India	81	---	81	211	18	229	196	---	196	328	---	---	328	188	250	284	---	284
Iran	---	119	119	---	8	8	7	---	7	30	---	---	30	64	134	198	8	128
Israel	27	---	27	32	---	32	49	---	49	34	---	---	34	38	---	41	---	41
Japan	---	10	10	---	1	1	---	2	2	---	2	2	3/	17	17	---	1	1
Pakistan	170	---	170	144	3	147	224	---	224	130	1	131	204	89	373	170	108	278
South Viet Nam	8	13	21	---	30	30	37	---	37	41	---	---	41	4	7	29	---	29
Taiwan	2	2	4	1	12	13	1	4	5	---	---	---	---	9	9	---	18	18
Turkey	3	18	21	7	1	8	3	---	3	3/	---	---	3/	6	---	---	31	31
Other	9	5	14	17	7	24	27	4	31	9	5	14	15	16	31	20	16	36
Total	303	236	540	413	132	545	545	28	573	573	13	586	601	348	949	553	315	868
Grand total	565	630	1,195	748	415	1,163	844	177	1,021	743	266	1,009	779	1,093	1,872	771	1,353	2,114
Value of Exports																		
Total (Mil. dol.)				N.A.			N.A.		116			101			216			309
Per pound (Cents)				N.A.			N.A.		11.5			10.0			11.6			14.6

1/ Census data. Breakdown between P.L. 480 and commercial provided by Fats and Oils Division, FAS. 2/ Includes Barter, CCC credits. 3/ Less than 500,000 pounds.

Table 223--Peanuts and peanut oil: U.S. exports, by Country of destination, calendar years, 1959-71

Country of destination	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	Peanuts (farmers' stock basis) 2/												
	--short tons--												
North America:													
Canada	21,608	13,203	18,722	10,073	20,208	33,744	41,180	45,356	43,335	44,569	28,631	57,106	62,535
Dominican Republic	---	---	---	---	---	---	3	6,935	20,282	7,417	13	5	1
Total	21,608	13,203	18,722	10,073	20,208	33,744	41,183	52,291	63,617	51,986	28,644	57,111	62,536
Venezuela	1,119	653	495	485	560	524	834	585	1,499	164	1,297	2,091	2,946
Western Europe:													
Belgium-Luxembourg	1,718	52	665	84	174	12,472	20,572	2,528	7,363	593	48	82	1,060
Germany, West	---	---	---	4	2,589	10,737	3,462	6,536	6,694	7,839	3,685	475	3,923
France	19	17,577	1,436	12	17	424	12,139	988	855	571	4	708	1,388
Netherlands	6,212	2,250	4,027	33	250	6,482	18,041	4,136	13,618	7,884	2,551	2,072	12,640
Switzerland	1,111	19	1,390	54	101	704	3,709	1,003	2,153	2,167	25	686	27,033
United Kingdom	---	---	---	---	---	---	7,991	11,288	12,845	5,299	439	1,643	3,992
Other	---	---	---	---	---	---	65	5,686	836	758	190	153	3,277
Total	9,060	19,898	7,518	187	3,131	30,819	65,979	30,165	44,364	25,371	6,942	5,819	77,776
Eastern Europe:													
Czechoslovakia	---	---	---	---	---	---	---	1,850	2,028	---	---	---	593
Poland	---	---	---	---	---	---	646	145	1,817	2,621	391	1,545	2,873
Total	---	---	---	---	---	---	646	1,995	3,845	2,621	391	1,545	3,426
Japan	---	---	---	---	---	---	148	922	85	1,514	1,069	10,726	13,974
Other	3,181	3,470	1,568	1,014	1,352	3,509	7,819	2,403	4,824	2,318	3,484	3,259	3,318
Grand total	34,968	37,224	28,303	11,759	25,252	68,596	116,609	88,361	118,233	83,673	41,827	80,551	163,976
	Peanut oil (crude and refined)												
	--short tons--												
North America:													
Canada	444	327	8	58	1,050	683	1,391	961	756	300	991	478	2,838
Dominican Republic	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	444	327	8	58	1,050	12,948	9,634	1,874	1,061	842	---	6,069	7,889
Western Europe:													
Belgium	110	---	---	---	---	1,549	9	---	4	---	---	1	12,818
France	579	---	---	---	---	---	806	---	---	---	179	---	2,367
Germany, West	776	---	663	---	551	2,469	8,147	---	---	12	11,136	---	197
Netherlands	2,599	---	336	---	1,842	8,124	2,504	12	13	12	1,509	1,047	5,583
Spain	---	---	---	---	---	---	1,154	---	---	---	---	---	---
Switzerland	---	---	---	---	1,108	163	457	---	---	---	---	---	186
United Kingdom	173	276	2,505	8	---	14,041	933	---	---	---	2,093	3,564	7,017
Total	4,123	276	3,504	8	3,501	24,797	14,001	12	13	24	14,827	4,611	28,168
Poland	---	---	---	---	---	---	---	---	---	---	---	4,158	---
Asia:													
Australia	---	---	---	---	---	---	2,839	900	58	---	304	---	3,561
Hong Kong	---	---	---	---	---	---	1,695	654	981	114	229	---	---
Total	---	---	---	---	---	---	4,535	1,554	1,039	114	533	---	3,561
Other	2,567	3,524	5,133	16	21	687	993	60	98	258	410	699	61
Grand total	7,244	4,127	8,645	82	4,572	40,664	30,563	4,461	2,971	1,538	16,761	16,016	42,517

1/ Preliminary. 2/ The U.S. exports mostly shelled peanuts (about 98% of the total in 1971) and only small quantities of unshelled stock. The data presented here were converted back to a farmers' stock basis. 3/ Includes Italy (16,353 tons); Portugal (8,548 tons); Norway (1,829 tons); Spain (1,013 tons); and Sweden (27 tons).

Table 224.--Soybeans: U.S. exports by country of destination, and total value, 1955-70

Continent and country of destination	Year beginning September																
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 1/	1971
	-- 1,000 bushels --																
North America																	
Canada 2/	8,437	10,888	10,751	14,272	15,566	19,382	23,455	27,206	31,726	34,951	31,061	24,202	21,736	37,856	69,952	42,162	
Mexico	---	---	1	231	6	15	125	33	104	177	23	259	308	824	5,004	2,192	
Other	---	---	---	210	1,013	213	---	---	3/	3/	137	9	3/	---	395	470	
Total	8,437	10,888	10,752	14,713	16,585	19,610	23,580	27,239	31,830	35,128	31,221	24,470	22,044	38,680	75,351	44,824	
South America																	
Venezuela	---	---	---	172	37	442	574	840	841	1,228	1,178	1,249	1,336	1,650	2,070	3,042	
Other	9	3	3/	3/	3/	3/	3/	3	3/	6	148	3	7	4	202	841	
Total	9	3	3/	172	37	442	575	844	844	1,234	1,326	1,252	1,343	1,654	2,272	3,883	
Western Europe																	
Belgium-																	
Luxembourg	2,109	2,678	2,514	3,972	4,193	4,437	5,837	5,076	6,206	7,242	8,267	8,812	8,698	10,237	16,115	13,222	
Denmark	4,387	4,663	5,525	4,808	8,990	5,827	8,977	12,634	9,144	13,344	12,514	14,843	15,516	11,797	18,408	21,442	
Finland	335	---	---	---	382	---	---	1,463	368	1,218	852	298	---	---	---	---	
France	1,510	2,148	1,039	1,979	4,552	1,503	3,005	3,028	3,866	2,712	1,907	2,241	551	284	4,988	13,223	
Germany, West	12,873	15,436	11,449	12,560	15,345	16,252	19,299	22,103	28,160	23,325	32,996	32,657	31,966	30,515	41,778	52,980	
Italy	29	15	34	1,250	3,998	4,483	11,419	11,643	11,912	10,401	15,393	18,041	14,788	16,428	25,413	25,978	
Netherlands	9,405	13,412	11,863	14,672	25,819	19,632	21,677	21,641	21,476	28,066	33,549	35,991	36,835	40,660	57,397	57,381	
Norway	692	1,306	1,288	1,394	2,330	2,499	2,447	3,472	3,283	3,941	4,738	5,730	4,959	4,247	5,434	7,462	
Spain	---	3/	---	---	53	---	3/	833	1,616	7,601	17,501	27,356	29,498	31,172	36,349	38,691	
Sweden	93	661	---	---	8	---	---	4	1	188	5	2	1	3	8	309	
Switzerland	91	196	439	374	736	693	209	804	834	379	416	422	431	380	495	188	
United Kingdom	1,602	1,751	4,200	1,995	3,390	4,587	4,102	6,690	5,978	7,127	8,293	3,840	3,919	4,840	7,510	5,892	
Other	37	---	19	---	---	---	143	1	---	---	---	3/	3/	352	1,047	1,604	
Total	33,164	42,266	38,370	43,005	69,797	59,913	77,114	89,394	92,845	105,545	136,432	150,235	147,163	150,915	214,942	238,372	
Eastern Europe																	
Czechoslovakia	---	---	75	---	---	778	462	626	595	491	1,141	761	149	240	470	115	
Hungary	---	---	---	---	---	---	3	365	452	700	996	451	---	---	499	1,187	
U.S.S.R. (Europe and Asia)	---	---	---	---	---	---	---	---	---	1,320	910	---	---	---	---	---	
Poland	---	328	1,796	---	---	363	179	---	1,058	1,785	516	1,714	1,256	1,381	4,928	3,063	
Other	---	4	3/	4	22	---	---	4	135	561	22	532	---	195	17	567	
Total	---	332	1,870	4	22	1,141	644	996	2,240	4,857	3,585	3,458	1,405	1,816	5,914	6,059	
Africa																	
Morocco	---	---	228	956	419	580	296	600	561	418	---	---	---	---	---	---	
Other	---	---	---	---	169	1	---	---	---	1	3/	---	---	---	---	---	
Total	---	---	228	956	588	581	296	600	561	419	3/	---	---	---	---	307	
Asia and Oceania																	
Hong Kong	3	20	28	243	244	230	156	320	114	1	24	9	73	57	96	38	
Israel	2,097	2,138	4,018	4,553	6,576	5,196	5,760	6,410	8,182	6,913	8,660	9,434	9,515	5,541	8,279	12,793	
Japan	20,774	22,684	26,595	35,857	39,276	39,922	37,348	47,613	45,130	49,298	61,971	60,716	73,739	69,883	101,382	102,791	
Korea, South	185	1,847	2,599	1,225	1,432	847	700	420	379	---	---	---	801	639	532	1,338	
Philippines	50	66	53	93	21	44	44	238	574	495	1,231	11	---	---	---	---	
Taiwan	3,770	3,443	3,740	4,099	5,057	6,449	2,688	5,962	4,005	7,648	5,859	10,976	10,632	16,590	21,226	19,582	
Other	45	23	6	81	293	293	513	395	498	637	280	230	24	6	1,802	1,984	
Total	26,923	30,241	37,140	46,151	52,898	52,981	47,209	61,388	58,882	64,992	78,025	82,177	94,622	93,709	134,124	139,707	
Other Countries	48	2	7	4	3	2	2	---	---	---	---	---	---	---	---	---	
Grand total	68,580	83,732	88,367	105,007	139,931	134,670	149,420	180,463	187,201	212,175	250,591	261,591	266,577	286,776	432,602	433,152	
Value of exports:																	
Per bushel (Dol.):	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2.53	2.59	2.70	2.92	2.89	3.06	2.81	2.69	2.66	3.06	
Total (Mil. dol.):	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	378	468	505	619	725	800	749	772	1,149	1,325	

1/ Preliminary. 2/ Census export data to Canada overstated since Canada contains major transit ports and ultimate destination was unknown at time of shipment. Transshipment through Canadian ports are mainly destined for Western Europe and Asian countries. Census data to these countries are understated by the amount of transshipment via Canada. 3/ Less than 500 bushels.

Table 225.--Soybean oil: U. S. exports by country of destination, and total value, 1955-70

Country of destination	Year beginning October																
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.
North America	24	22	23	31	37	24	16	26	31	39	32	22	25	29	51	50	
Canada	10	12	12	10	11	3											
Cuba																	
Dominican Republic								2/	7	10	9	50	28	25	24		
Panama		2/	1	1	2/	2/	2/	2/	2	15	13	11	2/	17	23		
Haiti	7	7	8	8	9	8	10	10	10	12	14	15	17	19	19	26	1
Mexico	5	8	39	9	2	5	3	1	2/	2	2/	2/	11	4	18	1	
Other	1	2	2	2	3	2	1	1	3	10	17	19	15	18	21	23	
Total	47	51	85	61	62	42	30	38	45	72	89	78	128	99	151	147	
South America				2/	9			2/	2/	40	2/	2/		2		2/	
Argentina								2/	2/	10	27	32	26	21	9	10	6
Brazil								2/	2/	34	18	31	3	14	33	31	58
Chile	27	54	2/	2	12	21	35	34	18	31	3	14	33	31	38	58	
Colombia	2/	2/	3	28	42	5	17	7	29	7	42	18	9	8	17	17	
Ecuador	2/	2/	2	4	7	7	5	5	12	11	11	10	6	9	12	23	
Peru		2/	2/	11	18	9	36	2/	26	24	16	14	5	9	59	111	
Other	2/	3	1	1	21	2	1	1	4	11	7	8	4	4	4	5	
Total	28	58	7	46	107	44	93	48	99	151	112	93	77	71	139	219	
Western Europe			2		1		2/		2/	1					6	2/	
Austria		5	10	2/	1		2/		2	1	2/	2/	2/	2/	2/	2/	2/
Belgium-Luxembourg	14	180	67	64	12	2/	1	1	2	6	3	2/	2/	2/	2/	2/	2/
Italy	349	335	382	446	358	289	400	291		239	9	6	1				
Spain	4	17	5	6	52	2	9	2	30	8	2/	2/	2/	2/	2	2/	
Germany, West	4	15	4	22	66	17	8		40	10	2/	1	2/	2/	1	1	
Netherlands	7	49	3			45		39	16	55	29	23				12	
Greece	68	1	2/	2	15	7	3	2	30	10	2/	2/	2/	1	12	10	
United Kingdom	2	1	1	1	4	3	2/	2/	6	17	7	9	4	1	5	3	
Other	2	2															
Total	447	605	474	541	509	363	421	335	126	348	48	38	6	3	26	26	
Eastern Europe			29	56	33	62	56		98	13	8	14	16	4	10	7	
Poland																	
Yugoslavia		36	80	93	48	61	88	64	112	43	49	115		2/	1	271	
Other		2		3		18	1		3						1		
Total		38	109	152	80	140	145	64	213	56	57	128	16	4	12	278	
Africa							3	18	9	9	8	14		3	1		
Algeria	4	13															
Egypt				9	47	5	41	39	21	6	40	58			29	2	
Morocco	19	30	28	15	40	26	28	60	46	64	22	11	55	28	53	90	
Tunisia								56	45	43	34	98	97	57	95	76	
Other	11	9			4	2/	2	10	5	23	21	16	13	19	35	43	
Total	34	53	28	24	90	31	74	183	126	145	125	197	164	107	213	211	
Asia and Oceania								65		60	45						
Burma																	
Hong Kong		2/			6	4	52	36	49	35	2	3	12	4	12		
India						7	2/	2/	2/	137	81	229	196	328	248	284	
Iran		2/	2/	2/	2/	2	27	36	71	71	108	8	7	48	159	134	
Israel			6	4	18	23	43	60	21	43	27	33	49	34	38	41	
Pakistan			1	24	29	36	141	181	120	196	148	147	224	114	355	278	
South Viet Nam								6	12	3	21	30	37	41	6	29	
Taiwan			7	6	3	3	7	1	16	13	4	13	5		6	18	
Turkey			87	72	46		79	90	106	38	19	8	3	2/	6	31	
Other	1	3	2/	2/	3	6	11	14	18	31	21	27	39	16	44	42	
Total	1	3	100	106	105	81	360	424	478	567	492	542	571	585	879	860	
Total	556	807	804	930	953	700	1,124	1,093	1,087	1,340	923	1,077	963	870	1,420	1,742	
Donations						3/21	3/184	3/72	3/19	4/							
Grand total	556	807	804	930	953	721	1,308	1,165	1,106	1,340	923	1,077	963	870	1,420	1,742	
Value of exports																	
Total (mil. dol.)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	142	106	89	176	250	
Per pound (cents)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.2	11.0	10.2	12.4	14.4	

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Foreign donations estimated by USDA. 4/ Beginning January 1965, Census reports donations by country.

Table 226.--Soybean and cottonseed oils: U.S. exports for dollars and under Public Law 480 programs, 1949-70

Year beginning October	Soybean oil							Grand total	% PL 480
	Dollars				PL 480				
	Barter	CCC credit	Other 1/	Total	Title I 2/	Title II 3/	Total		
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Percent	
1949	---	---	291	291	---	---	---	291	---
1950	---	---	490	490	---	---	---	490	---
1951	---	---	271	271	---	---	---	271	---
1952	---	---	93	93	---	---	---	93	---
1953	---	---	71	71	---	---	---	71	---
1954	3	---	47	50	---	---	---	50	51
1955	---	---	274	274	282	---	282	556	51
1956	---	---	300	300	307	---	307	807	63
1957	---	---	202	202	602	---	602	804	75
1958	---	---	195	195	735	---	735	930	79
1959	---	---	364	364	589	---	589	953	62
1960	---	---	283	283	417	21	438	721	61
1961	---	---	624	624	466	216	684	1,308	52
1962	---	---	513	513	540	112	652	1,165	56
1963	31	---	909	940	520	45	565	1,506	51
1964	131	---	477	608	539	193	732	1,340	55
1965	176	21	182	379	324	220	544	923	59
1966	132	47	90	269	522	286	808	1,077	75
1967	67	18	47	132	618	213	831	963	86
1968	75	---	54	129	573	168	741	870	85
1969	444	---	145	624	604	174	778	1,420	55
1970 4/	650	200	131	981	548	213	761	1,742	44
Cottonseed oil									
1949	---	---	145	145	---	---	---	145	---
1950	---	---	57	57	---	---	---	57	---
1951	---	---	122	122	---	---	---	122	---
1952	---	---	50	50	---	---	---	50	---
1953	---	---	398	398	---	---	---	398	---
1954	32	---	508	540	118	22	140	680	21
1955	3	---	306	309	290	6	296	605	49
1956	---	---	367	367	56	---	56	423	13
1957	---	---	154	154	94	---	94	248	38
1958	---	---	263	263	141	---	141	404	35
1959	---	---	409	409	94	---	94	503	19
1960	---	---	287	287	68	14	82	369	22
1961	---	---	183	183	202	86	288	471	61
1962	---	---	206	206	132	51	183	389	47
1963	---	---	328	328	221	35	256	584	44
1964	73	---	367	440	106	93	199	639	31
1965	51	---	154	205	65	2	67	272	25
1966	38	4	33	75	---	1	1	76	1
1967	19	---	28	47	---	2	2	49	4
1968	69	---	68	137	---	2	2	139	1
1969	43	60	348	451	---	1	1	452	2/
1970 4/	N.A.	N.A.	N.A.	361	9	1	10	371	3
Total soybean and cottonseed oils									
1949	---	---	436	436	---	---	---	436	---
1950	---	---	547	547	---	---	---	547	---
1951	---	---	393	393	---	---	---	393	---
1952	---	---	143	143	---	---	---	143	---
1953	---	---	469	469	---	---	---	469	---
1954	35	---	555	590	118	22	140	730	19
1955	3	---	560	583	372	6	378	1,162	50
1956	---	---	667	667	563	---	563	1,231	46
1957	---	---	356	356	696	---	696	1,052	66
1958	---	---	458	458	876	---	876	1,345	65
1959	---	---	773	773	683	---	683	1,456	47
1960	---	---	570	570	485	35	520	1,090	48
1961	---	---	807	807	668	304	972	1,780	55
1962	---	---	719	719	672	163	835	1,594	54
1963	31	---	837	868	741	80	821	1,689	49
1964	204	---	844	1,048	645	286	931	1,979	47
1965	227	21	336	584	389	222	611	1,195	51
1966	170	51	123	344	522	287	809	1,153	70
1967	86	18	73	177	618	215	833	1,012	82
1968	144	---	122	266	573	170	743	1,009	74
1969	487	113	493	1,093	604	175	779	1,872	42
1970 4/	N.A.	N.A.	N.A.	1,347	557	214	771	2,114	36

1/ Includes dollar financing by AID. 2/ Includes all sales programs, i.e., foreign currencies, which permit conversion to dollars and dollar credit sales. 3/ Includes donation programs with voluntary agencies and disaster and other relief by AID. 4/ Preliminary. 5/ Insignificant. 6/ Includes 10 million pounds of soybean oil that was shipped to Poland, Yugoslavia and Turkey that was reported by Census as shortening and mixed vegetable oils. Source: Total exports as reported by Bureau of Census. Breakdown between dollars and P.L. 480 from Fats and Oils Division, FAS.

Table 227--Soybean oil: U.S. exports, by degree of processing, 1954-70

Year beginning October	Refined						Total	Crude	Total crude and refined	Percent of total	
	Once-refined 1/	Refined and further processed 2/	Hydrogenated 3/	Salad oil 5/		Donated 4/				Not donated	Refined	Crude
	-- Million pounds --									Percent	Percent
1954	23.3	13.2	6/	6/	6/	36.5	13.7	50.2	73	27	
1955	63.8	404.9	6/	6/	6/	468.7	87.5	556.2	84	16	
1956	93.5	327.5	6/	6/	6/	421.0	386.3	807.3	53	47	
1957	159.4	421.7	6/	6/	6/	581.1	222.8	803.9	72	28	
1958	91.2	329.5	6/	6/	6/	420.7	509.8	930.5	45	55	
1959	120.0	224.6	6/	6/	3/	344.6	608.1	952.7	36	64	
1960	40.1	237.1	6/	6/	6/	277.2	423.1	8700.3	40	60	
1961	269.3	320.3	6/	6/	6/	589.6	534.4	8/1,124.0	52	48	
1962	239.4	272.2	6/	6/	6/	511.6	561.7	8/1,093.3	47	53	
1963	229.2	382.8	6/	6/	6/	612.0	474.6	8/1,086.6	56	44	
1964	282.3	7/	155.4	160.9	115.3	713.9	625.7	1,339.7	53	47	
1965	182.7		14.0	174.7	232.2	603.6	319.0	922.6	65	35	
1966	71.3		5.2	220.8	242.4	539.6	537.2	1,076.8	50	50	
1967	41.8		11.5	140.6	233.8	427.7	535.1	962.8	44	56	
1968	50.0		11.8	116.8	124.4	303.0	566.5	869.6	35	65	
1969	71.2		16.8	131.3	178.4	397.7	1,022.1	1,419.7	28	72	
1970 g/	86.3		10.5	142.9	210.6	450.3	1,292.0	1,742.3	26	74	

1/ After alkali or caustic wash, but before bleaching or deodorization. 2/ Refined and further processed by deodorizing or hydrogenation or winterizing, or any combination of those processes, except baking and frying fats, hydrogenated or hydrogenated or plasticized (shortening). 3/ Includes hydrogenated oil in flakes. 4/ Donated for relief or charity by individuals or private agencies. 5/ Refined and further processed by bleaching, deodorizing or winterizing, but not hydrogenated. 6/ Included in refined and further processed. 7/ This category split into hydrogenated and salad oils. 8/ Excludes estimates of foreign donations not reported by Census. 9/ Preliminary.
Bureau of the Census

Table 228--Cottonseed oil: U.S. exports, by degree of processing, 1954-70

Year beginning October	Refined						Total	Crude	Total crude and refined	Percent of total	
	Once-refined 1/	Refined and further processed 2/	Hydrogenated 3/	Salad oil 5/		Donated 4/				Not donated	Refined	Crude
	-- Million pounds --									Percent	Percent
1954	441.3	104.4	6/	6/	6/	545.7	133.5	679.2	80	20	
1955	246.4	113.3	6/	6/	6/	359.7	245.2	604.9	59	41	
1956	79.2	29.7	6/	6/	6/	108.9	314.5	423.4	26	74	
1957	87.7	31.5	6/	6/	6/	119.2	128.9	248.1	48	52	
1958	131.3	40.5	6/	6/	6/	171.8	232.4	404.2	43	57	
1959	167.4	46.1	6/	6/	6/	213.5	289.8	503.3	42	58	
1960	127.2	42.3	6/	6/	6/	169.5	186.2	8/355.7	48	52	
1961	199.6	59.5	6/	6/	6/	259.1	131.6	8/390.7	66	34	
1962	177.8	52.1	6/	6/	6/	229.9	123.3	8/353.2	65	35	
1963	292.5	55.2	6/	6/	6/	347.7	206.4	8/554.1	63	37	
1964	287.9	7/	17.2	79.1	25.9	410.1	229.0	639.1	64	36	
1965	120.1		1.7	1.5	36.4	159.7	112.9	272.6	59	41	
1966	38.9		1.7	.6	24.9	66.1	9.8	75.8	87	13	
1967	10.9		1.6	.1	25.8	38.4	10.7	49.1	78	22	
1968	54.1		.8	.1	37.0	92.0	47.0	139.0	66	34	
1969	329.6		32.3	1.6	15.9	379.4	72.1	451.5	84	16	
1970 g/	293.1		2.2	9/	8.9	304.2	67.1	371.3	82	18	

1/ After alkali or caustic wash, but before bleaching or deodorization. 2/ Refined and further processed by deodorizing or hydrogenation or winterizing, or any combination of those processes, except baking and frying fats, hydrogenated or hydrogenated or plasticized (shortening). 3/ Includes hydrogenated oil in flakes. 4/ Donated for relief or charity by individuals or private agencies. 5/ Refined and further processed by bleaching, deodorizing or winterizing, but not hydrogenated. 6/ Included in refined and further processed. 7/ This category split into hydrogenated and salad oils. 8/ Excludes estimates of foreign donations not reported by Census. 9/ Preliminary.
Bureau of the Census.

Table 229.--Soybean meal: U.S. exports by country of destination, and total value, 1955-70

Continent and country of destination	Year beginning October																
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 1/	1971
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
North America:																	
Canada	197.1	205.2	127.7	236.5	203.5	174.3	252.1	265.9	210.3	249.4	234.0	238.4	227.8	262.9	270.9	242.1	
Cuba	23.2	30.7	36.4	40.3	16.7	5.3	2/										
Mexico	.2	4.2	8.8	8.2	19.2	15.7	14.8	8.5	26.8	32.6	27.2	17.0	2.7	.9	2.8	116.3	
Panama			.5	1.1	1.0	2.0	1.6	2.3	1.4	8.2	6.8	2.5	1.1	1.4	1.0	3.5	
Other	.4	.6	1.1	1.3	1.9	2.7	7.8	6.2	7.7	15.6	15.5	22.3	21.6	20.9	27.7	62.4	
Total	220.9	240.7	174.5	287.3	242.3	200.0	276.3	282.9	246.2	305.8	283.5	280.2	253.2	286.0	302.4	421.3	
South America:																	
Venezuela	1.7	3.4	4.2	15.5	8.7	8.2	11.8	12.7	11.2	1.4	.2	.1	.1	.1	2/	2.9	
Other	.1	.1	.3	.5	2/	.4	.7	.9	1.8	1.7	1.4	.9	.3	.2	3.5	10.4	
Total	1.8	3.5	4.5	16.0	8.7	8.6	12.5	13.6	13.0	3.1	1.6	1.0	.4	.3	3.5	13.3	
Western Europe:																	
Belgium-Luxembourg	24.7	26.0	13.3	14.0	66.6	51.7	87.1	102.7	126.3	177.0	163.9	221.4	240.7	166.9	219.0	308.8	
Denmark	21.5	48.6	15.0	8.1	11.2	38.5	78.2	92.7	93.1	110.9	147.8	109.4	66.0	18.3	32.5	85.6	
France	6.9	.1	1.1		10.4	19.9	169.0	218.2	247.0	358.4	464.9	431.5	495.4	471.8	622.8	712.1	
Greece	2/	.2	.2	1.7	1.0	2.0	5.0	4.9	10.9	14.4	8.3	6.3	2.1	.3			
Germany-West	12.0	5.5	2.0	8.4	72.2	47.0	122.1	121.9	160.9	300.7	513.0	458.1	508.2	636.5	855.9	994.4	
Ireland	1.6	3.5	2.0	3.7	1.7		7.2	20.3	20.8	18.1	14.0	22.7	31.0	43.2	60.4	36.5	
Italy	28.4	53.7	62.2	87.2	50.3	9.3	4.8	123.6	74.4	143.2	155.0	192.0	190.5	231.9	309.5	330.8	
Netherlands	14.4	8.0	3.0	30.5	85.3	69.1	162.8	193.0	141.1	245.2	325.5	417.9	546.9	515.8	659.0	675.4	
Norway	21.6	17.4	10.2	18.7	9.2	9.9	11.1	17.8	7.6	.2				2/	2/	2.2	
Spain	.1	2.9	.7	21.0	44.4	39.6	27.9	196.3	161.1	77.9	122.8	8.1	15.0	96.1	34.1	10.7	
United Kingdom	6.0	5.0	1.7	.2	1.4	.2	10.8	6.1	1.8	34.4	105.4	86.1	82.0	38.5	42.9	100.1	
Switzerland	1.5	.6		.6	4.0	6.8	31.8	11.3	11.2	9.3	15.1	20.2	9.4	64.3	111.8	69.1	
Other	21.1	13.9	1.1	.9	4.3	1.0	3.2	1.2	.6	11.5	20.7	23.8	35.5	35.0	24.8	10.8	
Total	159.7	185.4	112.7	195.0	362.0	295.0	720.9	1,110.0	1,057.0	1,501.2	2,056.4	1,997.5	2,222.7	2,318.6	2,972.7	3,336.5	
Eastern Europe:																	
Bulgaria									11.8	9.6	19.5	27.8	41.4	32.7	40.3	32.8	
Hungary								9.4	32.6	47.4	12.4	30.3	50.4	28.6	170.6	156.0	
Czechoslovakia							.6		1.7		11.3	16.6	11.6	2.2	36.2	99.4	
Poland								2.2	3.2	2/	64.1	51.2	80.6	103.0	109.9	112.3	
Yugoslavia					3.2		22.5	39.9	77.6	108.9	78.5	159.3	113.7	143.3	173.8	186.8	
Other					17.2								5.7	11.0	5.7		
Total					20.4		25.3	49.3	126.9	165.9	185.7	285.3	303.3	320.9	536.5	587.4	
Asia and Oceania:																	
Australia							6.2	10.1	11.6	14.6	33.7	36.3	27.1	25.4	34.3	33.0	
Japan	13.6	5.5	1.2	.8	.6	62.6	5.5	.7	14.6	33.1	23.0	2.4	16.3	19.9	83.9	22.0	
Philippines	4.1	7.8	6.6	12.9	12.7	16.5	15.0	6.1	6.9	7.1	3.1	30.4	47.7	43.8	49.1	53.8	
Other		.1	.1	.1	2.0	7.0	1.8	3.0	2.3	5.1	12.3	15.9	28.3	27.5	49.4	76.4	
Total	17.7	13.5	8.0	13.8	15.3	86.1	28.6	19.9	35.5	59.9	72.1	85.1	119.4	116.7	216.7	185.2	
Africa	2/	2/	---	---	---	---	.2	2/	---	.1	2.3	7.5	.5	1.8	3.6	12.5	
Grand Total	400.4	443.2	300.0	512.2	648.7	589.7	1,063.7	1,475.5	1,478.4	2,036.0	2,601.6	2,656.6	2,899.5	3,044.3	4,035.4	4,559.3	
Value of exports:																	
Per ton (dollar)	NA	NA	NA	NA	NA	NA	67.14	76.42	78.88	77.33	81.66	87.79	83.70	81.44	83.51	83.83	
Total (mil. dol.)	NA	NA	NA	NA	NA	NA	71	113	117	157	212	233	243	251	337	405	

1/ Preliminary. 2/ Less than 50 tons.

Table 230.--Tall oil: U.S. exports by country of destination, 1955-71

Country of destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --																	
North America																	
Canada	4	4	4	4	5	8	5	10	9	10	19	19	26	20	22	18	16
Other	1	2/	2/	2/	2/	2	2/	1	2	1	3	5	8	8	9	9	12
Total	5	6	6	6	7	10	7	11	11	11	22	24	34	28	31	27	28
South America																	
Colombia	1	1	1	1	2/	1	2	1	1	3	1	1	2/	2/	1	1	1
Ecuador	1	2	1	1	1	1	2/	2/	2/	1	1	2/	2/	---	2/	---	---
Other	1	2/	2/	1	2/	2/	2/	1	2/	2/	1	3	2	2	2	1	4
Total	3	3	2	3	4	4	4	4	4	4	3	4	4	2	3	2	5
Europe																	
Belgium	2/	2/	1	2/	2/	1	2	1	2/	2/	3	4	1	1	2/	3	2/
France	---	1	---	---	---	---	---	---	1	1	4	7	5	2/	2/	7	5
Germany, West	15	19	10	8	2/	2	2/	2	2	4	5	9	3	2/	5	2	3
Italy	20	15	24	15	8	15	11	2	1	2	5	7	4	2	1	24	22
Netherlands	2/	1	1	2	1	4	2	1	1	2/	9	20	19	7	19	24	22
Sweden	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	---	---	---	---	---	---	---
United Kingdom	2	2	3	2	3	6	4	5	5	3	10	13	18	15	15	23	18
Total	37	30	39	27	12	28	19	11	12	10	38	50	50	26	40	65	50
Other countries	3	7	7	3	3	13	7	2	6	9	11	19	31	40	51	68	49
Grand Total	48	44	52	37	21	53	33	27	30	34	74	106	117	97	124	163	132

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 231.--Tung oil: U.S. exports by country of destination, 1955-71

Country of destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- 1,000 pounds --																	
North America																	
Canada	562	162	---	34	2,974	1,307	922	444	265	769	553	512	578	872	612	575	1,244
Cuba	8	25	26	7	84	76	---	---	---	---	---	---	---	---	---	---	---
Dominican Republic	---	---	---	3	4	2	4	2	7	4	4	N.A.	N.A.	N.A.	4	---	---
Mexico	200	153	210	148	315	182	106	351	86	7	52	N.A.	N.A.	N.A.	27	29	9
Other	2	2	---	2	---	11	13	8	11	---	4	N.A.	N.A.	N.A.	2	17	13
Total	773	342	276	194	3,377	1,578	1,045	805	369	780	613	512	578	872	645	621	1,265
South America																	
Colombia	5	24	---	65	98	124	88	44	101	41	21	N.A.	N.A.	N.A.	---	---	---
Venezuela	11	23	15	51	87	62	34	118	38	30	23	N.A.	N.A.	N.A.	10	2	5
Other	---	---	---	---	---	3	5	9	7	11	10	N.A.	N.A.	N.A.	24	10	21
Total	16	47	15	116	185	189	127	171	146	82	54	N.A.	N.A.	N.A.	34	12	26
Europe																	
France	---	---	---	---	---	220	---	---	---	---	---	---	---	---	---	---	---
Germany, West	---	---	---	---	4,033	994	448	---	---	---	---	---	---	---	---	---	---
Netherlands	750	---	---	---	1,452	4,622	9,900	2,626	---	---	---	---	---	---	---	---	---
United Kingdom	---	---	---	---	7,193	5,009	1,774	1,827	---	---	18	N.A.	N.A.	N.A.	---	441	---
Other	2	---	---	---	---	2	---	22	---	---	---	---	---	---	10	---	---
Total	752	---	---	---	12,578	10,847	12,122	4,475	---	---	18	N.A.	N.A.	N.A.	10	441	---
Asia																	
Japan	---	---	---	---	7,486	9,049	6,300	3,113	---	---	---	---	---	---	---	---	---
Korea	11	14	---	35	---	39	11	22	---	---	3	N.A.	N.A.	N.A.	---	---	---
Philippines	---	1	18	27	11	114	143	15	121	44	---	N.A.	N.A.	N.A.	---	---	---
Other	8	---	---	---	453	23	4	11	17	32	26	N.A.	N.A.	N.A.	---	26	---
Total	19	15	18	62	7,994	9,225	6,458	3,161	138	76	29	N.A.	N.A.	N.A.	---	26	---
Africa																	
Other	---	---	---	---	---	11	63	---	3	---	---	---	---	---	---	---	---
Total exports	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	41	60	112	N.A.	N.A.	N.A.
Re-exports	2,049	1,301	698	54	9	93	1,621	1,478	2,046	1,019	272	249	941	958	1,157	1,848	2,020
Total exports and re-exports	3,610	1,705	966	426	24,243	21,343	21,476	10,090	2,703	1,957	987	802	1,579	1,942	1,848	2,020	1,953

1/ Preliminary.

Table 232.--Lard, including rendered pork fat: United States exports and shipments, by country of destination, 1955-70

Country of destination	Year beginning October																
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 ^{1/}	1971
	-- Million pounds --																
North America																	
Canada	11	30	12	3	15	23	20	19	12	15	17	19	19	21	15	12	
Costa Rica	8	2	2	5	5	3	2/	1	2/	---	---	2/	---	---	---	---	
Cuba	161	176	180	192	211	74	---	---	---	---	---	---	---	---	---	---	
Dominican Republic	---	2/	2/	2/	2/	2/	2/	2/	2/	---	---	2/	2/	2/	---	---	
El Salvador	4	3	5	5	3	2	2	1	2/	---	2/	2/	2/	2/	2/	2/	
Guatemala	11	4	5	6	3	2/	2/	2/	---	2/	---	2/	2/	2/	2/	2/	
Haiti	7	6	6	7	9	7	8	6	6	7	6	6	7	4	1	2	
Mexico	17	11	14	12	8	11	13	9	8	11	14	15	21	34	40	33	
Netherland Antilles	2/	2/	2/	1	2/	2/	2/	1	2/	---	1	1	1	1	1	1	
Canal Zone	1	1	2/	2/	2/	2/	2/	2/	2/	---	---	---	---	---	---	---	
Panama, Republic of	5	5	6	5	1	3	3	3	3	3	2	2	2	1	1	2/	
Other	2	2	2/	4	3	3	3	3	3	3	2	2	2	3	3	3	
Total	227	240	230	238	263	126	49	43	34	38	42	46	54	63	61	52	
South America																	
Bolivia	8	3	2	5	4	3	2	7	15	3	1	---	---	2/	---	---	
Brazil	10	7	---	2/	2/	3	2/	---	7	13	---	---	2/	2/	2/	2/	
Colombia	1	1	---	---	---	---	---	---	7	---	---	2/	2/	2/	2/	2/	
Ecuador	2/	2/	2/	---	2/	2/	2/	2/	2/	2/	1	2/	2/	1	2/	2/	
Peru	9	3	1	5	1	2	2	1	2	1	2/	2	2	1	1	2/	
Venezuela	1	1	1	1	1	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	
Other	2	2/	2/	2	2	2	3	2	2	1	1	1	2/	2/	1	2/	
Total	30	15	4	13	7	7	6	11	26	18	3	3	3	2	2	1	
Europe																	
Austria	31	7	4	2/	---	---	2/	---	---	---	---	---	---	---	---	---	
Belgium-Luxembourg	1	2/	2/	2/	2/	2	2/	1	1	2/	2	1	1	1	1	3	
Czechoslovakia	---	---	---	---	---	---	---	---	9	3/	---	---	---	---	---	---	
Western Germany	74	36	7	36	19	23	15	21	15	6	4	2	3	1	1	1	
Italy	2/	2/	2/	2/	2/	2/	2/	---	---	---	---	---	---	---	---	---	
Netherlands	5	1	2/	2	1	5	2/	2/	2/	---	---	---	2	2/	---	1	
United Kingdom	188	165	131	230	359	276	368	414	509	299	100	130	114	153	252	255	
Yugoslavia	96	60	12	14	---	2/	2/	7	24	---	---	---	---	---	9	11	
Other	1	1	2	2/	1	3	---	2/	12	2/	---	2/	4	2/	13	5	
Total	396	270	156	282	380	309	385	449	570	305	107	133	124	155	276	276	
Asia	3	3	3	2	4	4	5	5	7	4	3	2	1	3	10	2/	
Other	6	2	1	1	1	2/	2/	---	---	---	2/	2/	2/	2/	2/	2/	
Total exports	662	530	394	526	655	446	446	508	637	366	156	184	183	223	349	329	
Shipments to U.S. Territories:																	
Puerto Rico	57	60	64	72	61	66	61	63	69	65	62	63	63	58	55	53	
Virgin Islands	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	
Guam	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	---	
Total shipments	57	60	65	73	62	66	62	63	69	65	62	63	63	58	55	53	
Total exports and shipments	719	590	461	608	716	513	508	571	706	431	218	247	246	281	405	382	
Value of Exports 3/																	
Total (mil. dol.)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	20	15	19	42	39	
Per pound (cents)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	10.9	8.2	8.5	12.0	11.9	

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Excludes value of shipments.

Table 233.--Lard: U.S. exports under Public Law 480, Titles I and IV, by country of destination, 1954-64 ^{1/}

Country of destination	Year beginning October											
	1954		1955		1956		1957		1958		1959	
	Title I	Total	Title I	Total	Title I	Total	Title I	Total	Title I	Total	Title I	Total
	-- Million pounds --											
South America												
Bolivia	---	---	---	---	6.0	6.0	---	---	---	---	---	---
Brazil	---	10.4	10.4	---	---	---	---	---	---	---	---	---
Paraguay	---	---	---	---	1.5	1.5	---	---	---	---	---	---
Total	---	10.4	10.4	---	7.5	7.5	---	---	---	---	---	---
Europe												
Austria	---	19.4	19.4	---	---	---	---	---	---	---	---	---
Greece	---	2/	2/	---	---	---	---	---	---	---	---	---
Yugoslavia	---	83.0	83.0	57.0	57.0	---	---	---	---	---	---	---
Total	---	102.5	102.5	57.0	57.0	---	---	---	---	---	---	---
Asia												
China, Taiwan	---	---	---	---	---	---	---	---	---	---	---	---
Korea, South	---	---	---	---	---	---	2.7	2.7	---	---	---	---
Total	---	---	---	---	---	---	2.7	2.7	---	---	---	---
Grand total	---	112.9	112.9	64.5	64.5	2.7	2.7	---	---	---	---	---
	1960		1961		1962		1963		1964		1965	
	-- Million pounds --											
South America												
Bolivia	---	---	---	---	3.1	3/5.6	---	---	---	---	---	---
Brazil	---	---	---	---	---	---	6.9	6.9	17.1	17.1	---	---
Paraguay	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	3.1	3/5.6	6.9	6.9	17.1	17.1	---	---
Europe												
Austria	---	---	---	---	---	---	---	---	---	---	---	---
Greece	---	---	---	---	---	---	---	---	---	---	---	---
Yugoslavia	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Asia												
China, Taiwan	---	---	---	---	2.0	2.0	1.0	1.0	---	---	---	---
Korea, South	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	2.0	2.0	1.0	1.0	---	---	---	---
Grand total	---	---	---	---	5.1	3/7.6	7.9	7.9	17.1	17.1	---	---

^{1/} No lard programmed under P.L. 480 in recent years. ^{2/} Less than 500,000 pounds. ^{3/} Includes Title IV.

Table 234.--Tallow, inedible, and greases: U.S. exports, by country of destination, and total value, 1956-70

Country of destination	Year beginning October														
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 1/
----- Million pounds -----															
North America															
Canada	24	20	18	19	24	26	32	33	25	18	11	10	12	16	15
Cuba	30	32	38	25	7	---	---	---	---	---	---	---	---	---	---
Dominican Republic	3	2	6	6	4	7	6	7	11	10	14	14	18	17	23
El Salvador	2	1	1	9	5	15	12	17	14	11	14	22	23	25	30
Guatemala	6	8	7	10	14	13	20	18	17	21	33	39	11	25	34
Mexico	41	60	15	13	4	3	1	1	3	6	5	9	30	79	47
Other	7	9	15	11	15	17	19	27	23	30	36	43	42	59	3/72
Total	113	132	100	93	68	81	91	103	93	96	112	137	135	221	221
South America															
Columbia	10	15	21	21	24	28	21	22	25	19	33	55	58	35	82
Ecuador	9	8	9	15	16	18	19	30	23	35	33	36	27	32	28
Peru	11	5	7	7	11	23	19	52	26	45	22	24	29	21	29
Venezuela	6	7	8	7	9	15	12	23	22	18	15	25	18	12	24
Other	1	1	4	7	2	5	2	26	13	4	1	2	1	1	4/73
Total	37	36	49	57	63	88	73	153	108	121	104	142	133	101	236
Western Europe															
Belgium-Luxembourg	49	18	31	53	24	21	17	38	16	13	17	10	12	29	75
France	2/	2/	42	3	3	11	10	24	38	9	28	10	8	13	23
Germany-West	87	32	67	94	119	84	94	172	76	80	50	57	48	50	48
Italy	234	267	269	311	213	229	197	171	128	145	128	102	71	67	71
Netherlands	232	154	229	286	215	218	186	301	188	207	183	200	105	158	221
Norway	1	1	2	2	2	4	5	5	3	4	4	4	3	4	8
Spain	39	1	2	38	62	101	116	101	104	106	116	114	135	131	130
Switzerland	21	9	8	13	8	20	32	50	54	26	39	13	13	10	20
United Kingdom	12	4	15	26	30	19	19	59	82	64	55	59	46	59	64
Other	102	14	16	12	16	3	17	29	26	11	29	30	24	31	40
Total	785	500	639	877	692	711	604	880	715	665	649	597	465	552	700
Eastern Europe															
Poland	64	39	43	51	44	70	65	128	89	55	29	47	17	46	49
Yugoslavia	25	25	24	12	22	33	25	13	35	2	5	2/	---	---	---
U.S.S.R. (Europe and Asia)	25	---	---	---	198	66	33	122	167	101	---	---	---	---	---
Other	---	---	---	---	---	6	1	9	10	5	2/	---	---	---	---
Total	114	64	67	63	264	175	124	272	301	163	34	47	17	46	49
Africa															
Algeria	---	---	---	---	---	---	1	12	23	20	25	30	18	31	46
Egypt	54	63	58	57	62	91	106	130	75	86	137	102	102	120	132
Ghana	---	---	---	---	---	2/	5	31	11	15	34	42	45	33	38
Morocco	5	11	14	18	17	23	20	25	24	26	25	31	25	34	33
Union of South Africa	48	28	38	64	57	16	15	32	39	27	21	29	25	18	18
Other	3	2	1	6	8	7	9	20	16	15	25	24	23	17	30
Total	111	104	111	145	144	137	156	250	188	189	265	258	238	253	297
Asia															
Turkey	2/	2/	2/	---	2/	32	46	50	16	53	30	14	40	16	50
China (Taiwan)	26	19	27	21	27	34	57	38	51	36	54	57	45	44	29
Japan	229	198	255	353	407	298	341	422	458	506	518	562	509	409	426
Korea	10	15	20	22	21	34	41	35	38	41	62	75	84	99	146
India	---	---	---	---	2/	2/	1	1	91	3	223	168	241	150	285
Iran	3	7	21	30	15	34	34	38	29	32	40	38	34	37	34
Pakistan	---	3	3	33	33	57	50	60	38	25	100	92	48	99	89
Philippines	13	13	15	18	22	21	21	21	17	14	12	15	14	15	9
Other	11	16	4	6	14	8	9	12	9	15	8	8	5	7	16
Total	292	271	345	483	538	518	600	677	748	725	1,048	1,029	1,019	876	1,084
Total Exports	1,431	1,107	1,311	1,718	1,769	1,710	1,738	2,338	2,153	1,959	2,212	2,211	2,007	2,050	2,588
Value of Exports															
Total (mil. dol.)	NA	NA	NA	NA	127	115	111	163	193	169	164	134	133	176	244
Per pound (cents)	NA	NA	NA	NA	7.2	6.7	6.4	7.0	9.0	8.6	7.4	6.0	6.6	8.6	9.4

1/ Preliminary. 2/ Less than 500,000 pounds. 3/ Includes 18 million pounds to Haiti and 15 million pounds to Honduras.
4/ Includes 37 million pounds to Brazil and 29 million pounds to Argentina.

Bureau of Census.

Table 235 --- Tallow, inedible, and greases: U.S. exports under Public Law 480, Titles I and IV, by country of destination, 1954-70

Country of destination	Year beginning October																	
	1954		1955		1956		1957		1958		1959		1960		1961		1962	
	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total
-- Million pounds --																		
South America																		
Dominican Republic																	1/	1/
Bolivia																		2/2.1
Columbia																		2/3.4
Ecuador					2.3	2.3	3.2	3.2										
Guatemala																	1/	5.5
Total					2.3	2.3	3.2	3.2										
Europe																		
Greece																	28.4	28.4
Poland																		
Spain			19.7	19.7	32.6	32.6	31.0	31.0	6.4	6.4							21.4	21.4
Yugoslavia					21.3	21.3											49.8	49.8
Total			19.7	19.7	53.9	53.9	31.0	31.0	6.4	6.4							99.6	99.6
Africa																		
Ghana																		
Guinea																		
Ivory Coast																	51.8	51.8
UAR (Egypt)																	71.4	71.4
Morocco																	51.8	51.8
Total																	175.8	175.8
Asia																		
China, Taiwan			.1	.1	11.3	11.3											18.4	18.4
India																		44.1
Israel					1.1	1.1	4.1	4.1									2.5	2.5
Korea, South																	16.2	16.2
Pakistan							2.1	2.1	.4	.4							43.8	43.8
Philippines					.4	.4	4.2	4.2									33.0	33.0
Turkey			7.4	7.4	37.1	37.1	.5	.5									44.5	44.5
Total			7.5	7.5	49.9	49.9	10.9	10.9	.4	.4							111.4	111.4
Grand total			27.2	27.2	105.1	105.1	45.1	45.1	6.8	6.8							213.0	213.0
-- Million pounds --																		
	1963		1964		1965		1966		1967		1968		1969		1970		1971	
	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total	Title: I	Total
South America																		
Dominican Republic									7.3	7.3			.3	.3				
Bolivia			6.6	6.6			10.2	10.2										
Columbia	2/1.8																	
Ecuador	2/4.0																	
Guatemala									13.6	13.6	6.3	6.3						
Total	2/5.8		6.6	6.6			10.2	10.2	13.6	13.6	6.3	6.3					2.7	
Europe																		
Greece	3.8	3.8		24.0														
Poland																		
Spain																		
Yugoslavia																		
Total	3.8	3.8		24.0														
Africa																		
Ghana							11.5	11.5	30.5	30.5	14.1	14.1	13.3	13.3	18.6	18.6		
Guinea			3.5	3.5					6.4	6.4	2.2	2.2	3.6	3.6				
Ivory Coast	3.2	3.2	2.2	2.2														
UAR (Egypt)	90.9	90.9	14.6	14.6														
Morocco									20.9	20.9	1.5	1.5						
Total	94.1	94.1	20.3	20.3			11.5	11.5	57.8	57.8	17.8	17.8	16.9	16.9	18.6	18.6		
Asia																		
China, Taiwan	23.6	23.6	1.1	3/38.5	2.3	2.3	20.2	20.2	35.6	35.6	31.8	31.8						
India			97.1	97.1			77.4	77.4			104.9	104.9	40.8	40.8				
Israel	2.4	2.4																
Korea, South	16.0	16.0	15.3	15.3			24.6	24.6	70.3	70.3	22.9	22.9	30.2	30.2	.2	.2		
Pakistan	57.8	57.8	47.6	47.6			67.6	67.6	90.4	90.4			.4	.4				
Philippines																		
Turkey	55.4	55.4	12.5	12.5									17.2	17.2				
South Vietnam																	2.1	2.1
Total	155.4	155.4	173.6	173.6	2.3	2.3	195.8	195.8	190.3	190.3	159.6	159.6	88.6	88.6	2.3	2.3		
Grand total	253.3	253.3	206.5	206.5	2.3	2.3	211.5	211.5	275.0	275.0	183.7	183.7	168.1	168.1	20.9	20.9		

1/ Less than 50,000 pounds. 2/ Title IV. 3/ Includes Title IV. 4/ Fiscal year (July-June).

Table 236 --U.S. glycerine exports, by country of destination, 1962-71

Country of destination	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- 1,000 pounds --										
North America										
Canada	5,159	7,189	9,176	10,086	10,640	11,343	11,035	9,269	8,845	8,629
Mexico	1,574	2,360	---	2,983	4,918	1,449	1,497	1,008	662	1,255
Total	7,033	9,549	9,176	13,069	15,558	12,792	12,532	10,277	9,507	9,884
Western Europe										
Germany, West	1,210	998	---	4,450	987	194	1,764	1,323	7,528	1,099
Netherlands	2,639	5,018	8,089	10,970	5,113	9,366	14,503	23,755	34,185	45,847
United Kingdom	---	3,441	---	3,175	895	108	23	1,764	95	97
Total	3,849	9,447	8,089	18,595	6,995	9,668	16,290	26,842	41,809	47,043
Asia and Oceania										
Australia	---	1,245	---	---	---	---	---	---	---	20
Japan	388	5,941	---	7,965	9,347	5,744	6,998	---	5,858	4
Vietnam, South	304	---	581	444	639	545	720	262	352	587
Total	692	7,186	4,185	8,409	9,985	6,289	7,718	262	6,210	611
Africa										
Republic of South Africa	69	3,281	5,948	9,953	8,926	7,922	11,729	13,910	12,640	7,088
Other Countries	1,750	1,278	745	1,995	1,920	7,085	7,550	1,462	3,467	3,396
Grand total	13,393	30,741	28,144	52,021	43,385	43,756	55,819	52,753	73,633	68,022

1/ Preliminary.

Table 237 --Marine oils: U.S. exports by area and country, 1955-1971

Destination	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Million pounds --																	
North America																	
Canada	23.3	4.6	2.5	13.1	4.0	10.1	17.2	11.0	8.5	.6	1.8	3.1	1.7	2.9	3.6	4.0	2.3
Other	.4	.4	.4	.5	.6	.7	.6	.8	.7	.7	.5	---	---	---	---	---	---
Total	23.7	5.0	2.9	13.6	4.6	10.8	17.8	11.8	9.2	1.3	2.3	3.1	1.7	2.9	3.6	4.0	2.3
Central and South America	.2	.2	.1	.1	1.1	.4	1.4	3/	.1	.1	---	.4	.2	.3	.4	.7	.2
Europe																	
Belgium-Luxembourg	2.2	2.0	1.3	4.7	4.3	.7	1.4	3.3	3/	---	3.2	5.3	2.9	---	4.4	---	---
Denmark	---	1.7	---	---	1.2	3/	---	---	---	4.6	---	---	---	---	---	---	---
France	3/	---	3/	3/	.1	3/	.1	.2	.1	3/	2.1	2.2	---	---	---	---	---
Germany, West	21.0	65.0	52.6	35.2	33.7	26.7	15.6	16.2	19.5	25.8	14.2	9.4	8.1	13.4	7.4	4.2	5.8
Italy	.3	.2	.4	.2	3/	3/	3/	3/	3/	3/	---	1.1	1.1	---	---	---	---
Netherlands	79.3	50.0	32.1	21.8	44.1	53.1	27.9	37.9	35.0	35.6	21.2	24.9	37.4	21.2	111.1	57.8	124.9
Norway	13.5	12.5	10.5	11.6	16.1	15.9	31.3	10.0	23.7	11.5	4.5	11.4	---	---	---	---	---
Sweden	3/	5.3	15.4	6.3	40.7	36.1	20.6	13.4	73.6	71.0	45.2	6.6	20.4	30.6	15.9	17.0	39.7
Switzerland	1.3	.7	1.7	1.2	---	---	.1	.1	.1	---	.2	---	---	---	---	---	---
United Kingdom	1.8	1.8	1.7	---	3/	2.3	8.9	33.0	86.7	2.3	12.3	16.1	6.6	---	16.9	24.6	29.8
Other	3/	3/	---	---	---	3/	3/	3/	3.3	3.6	4.4	1.1	---	---	6.5	4.3	---
Total	119.4	139.3	115.7	81.4	140.3	134.9	105.8	114.8	263.1	158.2	107.3	77.9	76.6	65.2	180.8	157.1	225.2
Africa	.1	3/	.6	3/	---	3/	.1	.1	.1	3/	3/	---	---	---	---	---	4.6
Asia																	
Philippines	---	3/	3/	---	---	3/	---	3/	3/	3/	3/	3/	---	---	---	---	---
Other	.1	3/	3/	.1	.1	.1	3/	1.6	.6	.1	3/	---	---	---	14.3	1.5	---
Total	.1	3/	3/	.1	.1	.1	3/	1.7	.6	.1	3/	---	---	---	14.3	1.5	2.7
Other	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Grand total	143.5	144.5	119.4	95.3	146.1	146.1	125.3	128.5	273.0	157.0	109.7	81.6	79.0	69.2	199.4	163.9	236.0

1/ Comprised mainly of menhaden oil but includes other body oils, fish liver and viscera oils and marine mammal oils. Excludes re-exports and fish liver vitamins and drugs derived from marine animals, hence totals in this table do not agree with export totals in Table 146. 2/ Preliminary. 3/ Less than 50,000 pounds.

When reported in gallons, data were converted to pounds at 7.5 pounds per gallon.

Table 238.--Imports: Animal and fish fats and oils, United States, 1950-71

Year	Butter (actual weight)	Fish-liver oils			Fish oils	Marine animal oils			Oleo oil and oleo- stearine	Tallow and inedible grease	Tallow, inedible and grease	Wool grease	Meat's fat	Total animal and fish fats and oils 1/		
		Cod	Cod liver	Other		Whale	Sperm	Seal							Total	
Million pounds																
1950	6	15	7	28	9	1	35	2/	37	2/	---	27	2	6	1	83
1951	5	15	8	28	12	1	43	2/	44	2/	---	27	2	5	1	93
1952	4	18	7	28	11	1	41	2/	42	2/	---	27	1	6	1	96
1953	9	19	4	31	3	2	35	2/	35	2/	---	27	4	9	1	80
1954	1	23	2	33	4	1	15	2/	15	2/	---	27	4	8	1	65
1955	1	7	18	28	3	---	59	---	59	---	---	27	3	8	---	102
1956	3	8	15	---	24	2	43	---	43	---	---	27	1	7	---	81
1957	2	6	14	1	21	1	38	---	38	---	---	27	1	8	---	73
1958	3	5	9	2	16	2/	68	---	68	---	---	27	2	6	---	92
1959	2	5	12	1	18	1	31	---	31	---	---	27	2	6	---	60
1960	2	8	9	2	19	1	31	---	36	1	---	27	2	5	---	66
1961	2	5	7	3	15	3	59	---	59	2/	---	27	1	4	---	84
1962	2	5	8	---	13	6	67	---	67	2/	---	27	1	4	---	94
1963	2	5	9	2/	14	3	66	---	66	2/	---	27	2	5	---	93
1964	2	7	7	1	16	4	59	---	59	2/	---	27	2	7	---	91
1965	2	5	5	1	11	1	77	---	77	2/	---	27	1	6	---	103
1966	2	5	4	2/	12	2/	66	---	66	2/	---	27	2	7	---	77
1967	2	6	3	2/	11	2/	51	---	52	2/	1	1	6	9	---	79
1968	2	5	4	1	10	1	58	---	58	2/	2	2	6	5	---	84
1969	2	4	3	2	9	2/	46	---	47	2/	---	27	6	5	---	67
1970	2	8	2	1	9	2/	56	---	56	2/	---	27	6	7	---	86
1971 3/	2	6	6	1	13	2/	47	---	47	2/	---	27	5	10	---	74

1/ Based on fat content of butter, which is obtained by multiplying by 0.805. 2/ Less than 500,000 pounds. 3/ Preliminary.

Table 239.--Imports: Vegetable fats and oils and oil equivalent of imported oilseeds, 1950-71 1/

Year	Babassu oil			Cashew nut oil	Castor oil			Coconut oil			Corn oil	Cotton- seed oil	Linseed oil		Olive oil		
	Oil	equiv- alent of kernels	Total		Oil	equiv- alent of beans	Total	Oil	equiv- alent of copra	Total			Oil	equiv- alent of flaxseed	Total	Edible	Inedible and roots
Million pounds																	
1950	18	21	39	6	47	119	166	138	592	730	2/	---	2/	2/	2/	79	9
1951	31	14	45	10	89	67	256	113	568	681	2/	---	2/	2/	2/	46	4
1952	2	---	2	11	112	63	175	119	410	428	2/	---	2/	2/	2/	46	2
1953	---	---	---	14	127	52	179	138	407	454	---	---	2/	2/	2/	45	2
1954	---	---	---	9	57	49	106	138	424	562	---	---	2/	2/	2/	61	2
1955	---	---	---	9	95	39	134	149	423	572	1	---	2/	2/	2/	52	2
1956	---	---	---	8	89	19	103	197	421	618	---	---	2/	2/	2/	45	2
1957	---	---	---	9	121	15	136	184	406	590	---	---	2/	2/	2/	49	2
1958	---	---	---	5	84	8	92	217	379	596	9	---	2/	2/	2/	53	1
1959	---	---	---	5	116	9	125	197	445	642	9	---	2/	2/	2/	54	2
1960	---	---	---	7	107	1	108	156	499	655	16	---	2/	2/	2/	51	1
1961	---	---	---	7	119	2	121	163	490	653	21	---	2/	2/	2/	59	2
1962	---	---	---	12	106	9	125	266	457	723	25	---	2/	2/	2/	58	2
1963	---	---	---	9	98	2	100	372	333	705	13	---	2/	2/	2/	33	1
1964	---	---	---	---	96	2/	96	397	350	747	---	---	2/	2/	2/	67	2
1965	---	---	---	---	129	1	130	397	394	796	---	---	2/	2/	2/	44	1
1966	2	---	2	---	104	1	105	499	343	842	11	1	2/	2/	2/	49	1
1967	---	---	---	---	97	2/	97	390	390	894	1	17	2/	2/	2/	36	1
1968	6	---	6	---	106	2/	106	434	412	846	11	11	2/	2/	2/	63	2
1969	6	---	6	---	142	2/	142	429	384	813	5	---	2/	2/	2/	58	2
1970	6	---	6	---	106	2/	106	595	479	874	3	---	2/	2/	2/	62	2
1971 3/	---	---	---	---	76	2/	76	629	269	898	1	---	2/	2/	2/	62	2

Year	Palm kernel oil			Palm oil	Peanut oil	Rapa- seed oil	Sesame oil	Soy- bean oil	Sun- flower oil	Teaseed oil	Tung oil	Vege- table tallow	Vegetable fats and oils		Total oil equiv- alent of oilseeds	Grand total
	Oil	equiv- alent of kernels	Total										Other	Total		
Million pounds																
1950	13	20	2/	20	56	---	4	2/	---	4/	112	2/	1	505	732	1,237
1951	14	5	2/	5	101	---	6	2/	2/	4/	30	2/	1	445	649	1,094
1952	8	11	2/	11	51	---	5	2/	2/	---	30	2/	2/	397	472	869
1953	10	51	2/	51	35	2	6	2/	2/	---	23	---	---	454	459	913
1954	9	50	---	50	66	3	3	2/	2/	---	35	---	---	440	473	913
1955	13	46	---	46	44	30	4	2/	2/	---	21	---	---	468	462	930
1956	9	41	---	41	28	1	1	2/	2/	---	31	---	---	455	440	895
1957	10	50	---	50	19	---	5	2/	2/	---	29	2/	---	478	421	899
1958	12	51	---	51	43	10	4	2/	2/	---	28	---	---	516	387	902
1959	4	71	---	71	31	2/	3	2/	2/	---	23	---	---	514	454	972
1960	15	88	---	88	47	2/	2	2/	2/	---	27	---	---	550	492	1,042
1961	7	84	---	84	56	1	5	2/	2/	---	27	---	---	633	466	1,099
1962	16	84	---	84	36	4	4	2/	2/	---	21	---	---	661	335	996
1963	5	83	---	83	24	---	3	2/	2/	---	19	---	---	681	350	1,075
1964	10	85	---	85	6	1	1	2/	2/	---	29	14	---	785	375	1,112
1965	8	83	---	83	7	2/	4	2/	2/	---	23	14	---	906	304	1,250
1966	8	109	---	109	76	2/	1	2/	2/	---	30	15	---	807	350	1,277
1967	1	104	---	104	64	2/	2	2/	2/	---	20	11	---	811	412	1,322
1968	11	121	---	121	103	2/	10	2/	2/	---	17	15	---	910	412	1,340
1969	12	99	---	99	160	2/	9	2/	2/	---	22	12	---	956	384	1,340
1970	4	83	---	83	141	2/	7	2/	2/	---	18	11	---	1,038	279	1,317
1971 3/	3	96	---	96	227	2/	11	2/	2/	---	22	10	---	1,138	269	1,407

1/ Imports for consumption. 2/ Less than 500,000 pounds. 3/ Preliminary.

Table 240.--Castor beans: Imports by country of origin, United States, 1955-71

Country of origin	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Million pounds --																	
North America																	
Haiti	4	5	2	2	3	1	2/	4	1	2/	2/	---	2/	---	2/	---	2/
Other	---	2/	2/	---	---	---	2/	---	---	2/	---	2/	---	2/	---	2/	---
Total	4	6	2	2	3	1	2/	4	1	2/	2/	2/	2/	2/	2/	2/	2/
South America																	
Brazil	73	32	30	16	14	---	---	---	---	---	---	---	---	---	---	---	---
Ecuador	10	4	---	1	4	1	4	16	4	---	1	2	---	---	---	---	---
Other	---	2/	2	2/	2/	2/	---	2/	---	---	---	2/	---	---	---	---	---
Total	83	36	32	17	18	2	4	16	4	---	1	2	---	---	---	---	---
Europe	---	---	---	2/	---	2/	---	2/	2/	2/	2/	2/	---	---	---	---	---
Asia																	
China, Mainland	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
India	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Other	---	2/	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	2/	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Africa	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Grand total	88	42	34	19	20	3	4	20	5	2/	1	2	2/	2/	2/	2/	2/

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 241.--Castor oil: Imports by country of origin, United States, 1955-71

Country of origin	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Million pounds --																	
South America																	
Brazil	40	28	62	75	82	42	111	89	87	93	124	83	76	97	142	106	68
Paraguay	2/	1	2/	---	---	---	---	2/	---	---	---	---	1	1	---	---	1
Other	2/	3	1	1	2/	2/	2/	---	---	1	2	---	2/	3	---	---	1
Total	41	31	63	76	82	42	112	89	87	93	126	83	77	101	142	106	69
Europe	4	4	4	4	5	12	3	9	1	2/	1	3	2/	2/	2/	---	---
Asia																	
India	46	50	53	---	28	50	---	2/	2/	2/	2/	2/	---	1	2/	---	---
Other	---	---	---	---	1	1	1	7	8	3	3	18	20	3	2/	2/	8
Total	46	50	53	---	28	51	1	7	8	3	3	18	20	5	2/	2/	8
Other	4	4	1	4	2	2	2	1	1	---	2/	2/	---	2/	2/	2/	2/
Grand total	95	89	121	84	116	107	119	106	98	96	129	104	97	106	142	106	76

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 242.--Coconut oil: Imports by country of origin, United States, 1955-71

Country of origin	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Million pounds --																	
Asia																	
Ceylon	2/	2/	---	2/	6	3	2/	---	2/	2/	2/	---	---	---	---	---	---
Malaysia	---	---	---	---	2/	2	---	---	---	---	---	---	---	---	---	---	---
Philippines, Republic of	149	197	184	209	156	122	163	266	372	397	397	499	504	434	429	595	629
Total	149	197	184	209	162	128	163	266	372	397	397	499	504	434	429	595	629
Other	2/	2/	2/	8	35	28	2/	2/	---	---	2/	2/	2/	2/	2/	2/	2/
Grand total	149	197	184	217	197	156	163	266	372	397	397	499	504	434	429	595	629

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 243.--Copra and coconut oil: U.S. import duties applicable to country of origin by specified time periods, effective from July 1, 1966 (Cents per pound)

Period	Country of source		Most Favored Nation countries ^{2/}
	Philippines ^{1/}		
	Within tariff-rate quota ^{3/}	In excess of quota	
1. July 1, 1966-July 3, 1974			
Copra ^{4/}	Free	Free	1.25
Oil (crude)	Free	1.0	3.0
Oil (other than crude)	Free	1.0	1.0
	Quota discontinued as of January 1, 1974		
2. July 4, 1974 and after			
Copra	Free		Free
Oil (crude)	1.0		1.0
Oil (other than crude)	1.0		1.0

^{1/} Coconut oil from the U.S. Trust Territories of the Pacific Islands is free regardless of whether the Philippine quota is filled or not. ^{2/} Includes copra and/or coconut oil produced elsewhere than in the Philippines or the Trust Territory wholly of materials the growth or production thereof. The rates for communist countries are designated in column 2 of the Tariff Schedules of the United States. ^{3/} According to the Philippine Trade Agreement Revision Act of 1955 (P.L. 84-196), Philippine coconut oil is entitled to the preferential rates of duty if entered on or before December 31, 1973, as long as the quantity entered shall not exceed:

- a. 200,000 long tons during calendar years prior to 1963;
- b. 160,000 long tons during calendar years 1963 through 1964;
- c. 120,000 long tons during calendar years 1965 through 1967;
- d. 80,000 long tons during calendar years 1968 through 1970; and
- e. 40,000 long tons during calendar years 1971 through 1973.

^{4/} No quota on copra, regardless of source.

NOTE: In the event of a proclamation by the President that adequate supplies of copra and coconut oil are not available, all copra will enter free and coconut oil will be dutiable as provided under Tariff items 176.04-176.06.

Compiled by Fats and Oils Division, FAS.

Table 244.--Copra: Imports by country of origin, United States, 1955-71

Country of origin	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --																	
Asia																	
Indonesia			1														
Philippines, Republic of	666	668	643	601	681	758	746	706	521	548	615	536	610	643	598	436	420
Total	666	668	644	601	681	758	746	706	521	548	615	536	610	643	598	436	420
Oceania																	
Pacific Islands, Western																	
Pacific Islands, Trust Territory	6			1	25	22	21	9							2		
Total	6			1	25	22	21	9							2		
Other																	
Grand total	672	668	644	601	706	780	766	715	521	548	615	536	610	643	600	436	420

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 245.--Olive oil: Imports by country of origin, United States, 1955-71

Country of origin	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --																	
Edible																	
France	2/	2/	2	2	2	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Greece	1	2/	5	10	1	1	2/	4	3	2/	1	2/	2/	1	1	1	1
Italy	15	11	14	18	18	14	15	16	11	19	16	17	19	23	20	20	19
Spain	21	31	10	10	20	34	40	29	15	43	17	29	31	32	33	38	36
Tunisia	8	2/	11	11	11	1	2	5	2	2	6	1	4	5	2	3	4
Other	7	2	7	2	2	1	1	3	1	2	4	1	2	2	1	1	1
Total	52	45	49	53	54	51	59	58	33	67	44	49	56	63	58	62	62
Inedible (including foots)																	
Algeria	2/			2/					2/								
Greece		2/	2/	2/				2/	2/		2/	2/	2/				
Italy				2/				2/	2/		2/	2/	2/		2/		2/
Portugal	2	1				2/	2/	2/			1	2/	1	1	2/	2/	2/
Spain	2/	2/	2/	2/	2/	1	2/	2/	2/	2/		2/	2/	2/	2/	2/	2/
Tunisia	2/	2/	2/	2/	2/	2/		2/	2/	2/		2/	2/	2/	2/	2/	2/
Other	2/	2/	2/	2/	2/			2/	2/	2/		2/	2/	2/	2/	2/	2/
Total	2	1	2/	2/	2/	1	2/	2/	1	2/	1	1	1	1	2/	2/	2/

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 246.--Tung oil: U.S. imports by country of origin, 1955-71

Country of origin	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --																	
South America																	
Argentina	18	25	22	24	20	20	24	19	12	16	14	18	9	5	6	7	9
Brazil	2/	1	2/	2/	2/	2/	1		2	1	2	1	2/	1	1	1	1
Paraguay	2	4	6	3	2	3	2	2	5	11	5	11	10	11	15	10	11
Total	20	31	29	27	22	23	27	21	19	29	22	30	20	17	22	18	21
Other	1			1	1						1	2/		2/	2/	2/	1
Grand total	21	31	29	28	23	23	27	21	19	29	23	30	20	17	22	18	22

1/ Preliminary. 2/ Less than 500,000 pounds.

Table 247.--Palm oil: U.S. supply, domestic use, and value of imports, by months, 1969-72

Year and Item	Unit	January	February	March	April	May	June	July	August	September	October	November	December	Total or average
1969														
Beginning stocks	Mill. lb.	28	38	32	32	40	26	18	33	35	28	40	36	
Imports	Mill. lb.	13	16	7	18	7	---	33	18	6	22	9	11	160
Domestic use	Mill. lb.	4	21	7	10	21	8	18	16	13	10	13	12	153
Value of imports per pound	Cents	5.7	5.2	6.7	5.9	6.0	---	6.8	7.4	6.7	7.1	6.7	7.4	6.6
1970														
Beginning stocks	Mill. lb.	35	29	29	24	23	18	31	36	27	20	29	37	
Imports	Mill. lb.	8	12	3	8	1/5	22	13	7	6	24	4	33	141
Domestic use	Mill. lb.	13	12	9	9	5	9	8	17	13	15	---	27	133
Value of imports per pound	Cents	6.1	7.9	9.2	9.4	---	11.2	11.3	12.0	11.8	10.8	10.9	10.3	10.3
1971 2/														
Beginning stocks	Mill. lb.	43	40	49	58	69	72	62	51	47	36	52	55	
Imports	Mill. lb.	11	25	24	25	15	13	6	12	15	26	38	18	227
Domestic use	Mill. lb.	14	15	16	14	12	24	16	17	26	10	35	32	230
Value of imports per pound	Cents	10.3	10.3	10.5	10.9	11.7	11.5	10.5	9.7	10.3	11.1	11.1	---	10.3
1972 2/														
Beginning stocks	Mill. lb.	40	59	73	82									
Imports	Mill. lb.	42	38	29										
Domestic use	Mill. lb.	23	25	21										
Value of imports per pound	Cents	10.8	11.4	9.2										

1/ Less than 500,000 pounds. 2/ Preliminary. Imports, value of imports, and stocks are from Bureau of Census.

Table 248.--Palm oil: U.S. imports by country of origin and value, 1960-71

Country of origin	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --												
North America:												
Canada	---	2/	---	2/	---	.2	2/	---	---	.1	---	---
Costa Rica	1.1	2.4	---	---	---	---	---	---	---	---	---	---
Total	1.1	2.4	---	2/	---	.2	2/	---	---	.1	---	---
South America:												
Brazil	---	---	---	---	---	---	---	---	---	.8	---	---
Europe:												
Belgium	.6	2/	.3	.3	.1	---	.2	---	.4	.1	---	---
Netherlands	---	---	.1	---	---	---	---	2.2	.4	---	1.1	---
Other	---	---	---	---	---	---	---	---	---	---	.3	.1
Total	.6	2/	.4	.3	.1	---	.2	2.2	.8	.1	1.4	.1
Africa:												
Nigeria	.7	---	4.2	5.3	---	---	6.2	2.6	---	---	---	1.7
Republic of Congo	40.2	23.5	14.8	12.2	4.7	2.3	3.0	1.5	2.2	2.0	11.6	.7
Other	---	---	---	---	---	---	---	---	---	---	1.1	2/
Total	40.9	23.5	19.0	17.5	4.7	2.3	9.2	4.1	2.2	2.0	12.7	2.4
Asia:												
Indonesia	4.2	30.0	16.1	5.7	1.5	4.0	47.1	40.8	43.4	83.5	78.6	123.0
Malaysia	---	---	---	---	---	---	19.4	17.1	56.9	69.4	45.9	100.3
Other	---	---	---	---	---	---	---	---	---	3.7	2.2	1.1
Total	4.2	30.0	16.1	5.7	1.5	4.0	66.5	57.9	100.3	156.6	126.8	224.4
Grand total	46.8	56.0	35.5	23.5	6.3	6.6	75.9	64.3	103.3	159.6	140.9	226.9
Value of imports:												
Total (mil. dol.)	5.0	5.4	3.3	2.1	.6	.7	7.8	6.4	7.4	10.5	14.5	23.3
Per pound (cents)	10.7	9.6	9.2	9.0	10.0	11.0	10.2	10.0	7.2	6.6	10.3	10.3

1/ Preliminary. 2/ Less than 50,000 pounds.

SOURCE: Bureau of the Census.

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Table 249--Palm kernel oil (edible): U.S. supply, domestic use and value of imports, by months, 1969-72

Year and Item	Unit	January	February	March	April	May	June	July	August	September	October	November	December	Total or average
1969														
Beginning stocks	Mil. lb.	24	16	20	20	29	32	25	26	26	20	20	22	
Imports	Mil. lb.	4	7	13	11	13	4	9	9	6	6	12	7	99
Domestic use	Mil. lb.	11	3	13	2	10	10	8	9	11	6	9	7	102
Value of imports per pound	Cents	11.5	13.1	12.5	13.7	13.9	14.1	12.9	14.2	13.3	13.5	11.2	13.3	13.1
1970														
Beginning stocks	Mil. lb.	22	21	20	17	21	24	20	19	19	15	18	17	
Imports	Mil. lb.	5	5	6	9	7	6	6	6	4	7	10	10	83
Domestic use	Mil. lb.	6	6	10	5	4	10	7	5	8	4	11	8	86
Value of imports per pound	Cents	16.1	14.3	14.6	14.1	14.5	14.5	13.6	15.5	16.8	15.0	15.0	14.0	14.7
1971 1/														
Beginning stocks	Mil. lb.	19	24	20	20	22	23	23	23	29	26	26	25	
Imports	Mil. lb.	8	10	7	13	10	7	3	8	12	1	9	8	96
Domestic use	Mil. lb.	2	14	7	12	8	7	3	2	15	1	10	8	89
Value of imports per pound	Cents	15.4	14.9	16.9	15.6	15.9	14.4	21.3	16.3	14.1	---	14.5	13.4	15.2
1972 1/														
Beginning stocks	Mil. lb.	25	25	28	30									
Imports	Mil. lb.	11	13	9										
Domestic use	Mil. lb.	12	9	7										
Value of imports per pound	Cents	15.0	15.0	11.5										

1/ Preliminary. Imports, value of imports, and stocks are from Bureau of Census.

Table 250.--Palm kernel oil (edible): U.S. imports by country of origin and value, 1960-71

Country of origin	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --												
Europe:												
Belgium	---	.4	---	---	---	.9	.9	1.5	.9	3.1	.7	---
Denmark	---	2/	.1	1.3	.1	2/	1.9	2.2	4.8	2.8	1.8	.4
Germany, West	---	12.7	8.2	3.4	6.7	13.6	2.2	3.9	6.8	3.4	2.0	1.1
Netherlands	16.5	12.4	16.0	21.6	23.9	36.5	32.7	28.1	26.8	17.9	23.9	29.3
United Kingdom	12.2	1.1	11.8	17.8	1.1	.2	---	.3	---	---	---	---
Other	---	---	---	.7	---	---	---	---	---	---	---	---
Total	28.7	26.6	36.1	44.8	31.8	51.2	37.7	36.0	39.3	27.2	28.4	31.7
Asia:												
Indonesia	---	---	---	---	---	---	2.2	---	1.1	---	---	1.2
Japan	---	1.1	5.8	3.6	3.2	6.4	5.0	.5	1.5	4.9	6.7	12.3
Malaysia	---	---	---	---	---	---	---	---	---	3.0	---	1.6
Philippines	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	1.1	5.8	3.6	3.2	6.4	7.2	.5	2.6	7.9	7.8	15.1
Africa:												
Nigeria	---	---	---	---	---	---	10.8	4.5	---	1.2	---	1.2
Republic of Congo	59.6	56.3	42.4	35.1	50.1	23.4	36.8	31.9	38.0	34.9	32.3	32.8
Other	---	---	---	---	---	2.9	16.8	31.3	40.6	27.5	13.9	14.9
Total	59.6	56.3	42.4	35.1	50.1	25.3	64.4	67.7	78.6	63.6	46.2	48.9
Other	---	---	---	---	---	---	---	---	---	.7	---	---
Grand total	88.3	84.0	84.2	83.5	85.1	83.1	109.4	104.4	120.6	99.4	82.5	95.8
Value of imports:												
Total (mil. dol.)	12.9	9.9	8.9	10.1	10.5	12.4	14.8	12.8	19.3	13.0	12.1	14.6
Per pound (cents)	14.6	11.8	10.6	12.1	12.3	14.9	13.5	12.2	16.0	13.1	14.7	15.2

1/ Preliminary. 2/ Less than 50,000 pounds. SOURCE: Bureau of Census.

Table 251--Palm oil: Estimated world production and exports, by major countries, 1967-72, projected 1980

Country	PRODUCTION														
	1967		1968		1969		1970		1971 ^{1/}		1972 ^{2/}		1980 Projected ^{3/}		
	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	% of 1970
	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Percent
Major producers:															
Malaysia	226	17.8	283	20.2	351	22.3	429	24.0	590	29.3	740	33	1,600	43	375
Nigeria	320	25.1	336	23.9	418	26.6	488	27.3	500	24.8	510	23	650	17	135
Indonesia	174	13.7	188	13.4	189	12.0	215	12.0	225	11.1	240	11	400	11	185
Zaire	194	15.2	230	16.4	225	14.3	228	12.7	230	11.4	235	10	275	7	120
Ivory Coast	30	2.4	31	2.2	37	2.4	59	3.3	80	4.0	110	5	230	6	390
Dahomey	36	2.8	38	2.7	42	2.7	44	2.5	48	2.4	52	2	100	3	225
Cameroon	31	2.4	32	2.3	33	2.1	36	2.0	37	1.8	40	2	95	3	265
Colombia	9	.7	15	1.1	21	1.3	26	1.4	34	1.7	44	2	50	1	190
Sierra Leone	40	3.2	40	2.8	41	2.6	41	2.3	42	2.1	47	2	60	2	145
Total	1,060	83.3	1,193	85.0	1,357	86.3	1,566	87.5	1,786	88.6	2,018	90	3,450	93	220
Other countries:	213	16.7	210	15.0	215	13.7	224	12.5	229	11.4	232	10	250	7	110
World total	1,273	100.0	1,403	100.0	1,572	100.0	1,790	100.0	2,015	100.0	2,250	100.0	3,710	100	210
Major exporters:															
Malaysia, West	180	35.7	268	41.7	331	46.6	370	49.0	535	56.3	685	60	1,500	66	400
Indonesia	141	28.0	170	26.5	182	25.6	180	23.9	195	20.5	210	18	350	16	200
Zaire	115	22.8	141	22.0	125	17.6	124	16.4	120	12.7	120	10	150	7	125
Total	436	86.5	579	90.2	638	89.8	674	89.3	850	89.5	1,019	88	2,000	89	300
Other countries:	68	13.5	63	9.8	72	10.2	81	10.7	100	10.5	135	12	250	11	300
World total	504	100.0	642	100.0	710	100.0	755	100.0	950	100.0	1,150	100	4,250	100	300
	EXPORTS AS PERCENT OF INDIGENOUS PRODUCTION														
Major exporters:	1967	1968	1969	1970	1971	1972	1980								
	-- Percent --														
Malaysia	79.6	94.7	94.3	86.2	90.7	93	94								
Indonesia	81.0	90.4	96.3	83.7	86.7	88	88								
Zaire	59.3	61.3	55.6	54.4	52.2	51	55								
Total	73.4	82.6	83.4	77.3	81.3	84	88								
Other countries:	10.0	9.0	8.9	8.8	10.3	13	17								
World total	39.6	45.8	45.2	42.2	47	51	60								

^{1/} Preliminary. ^{2/} Forecast. ^{3/} FAO projections (November 1971). Low alternative production projection for 1980 is 3.1 million tons and high is 4.4 million tons.
^{4/} Export availabilities based on lower consumption levels in major producing countries.

SOURCE: Fats and Oils Division, Foreign Agricultural Service, except 1980 projections which are those of the Food and Agriculture Organization of the United Nations.

Table 252--Palm kernels: Estimated world production and exports, by major countries, 1967-72, projected 1980

Country	PRODUCTION													
	1967		1968		1969		1970		1971 1/		1972 2/		1980 projected 3/	
	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world
	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent
Major producers:														
Malaysia	51	6.7	63	8.1	78	9.5	92	10.6	125	12.7	155	14	320	21.6
Nigeria	250	32.8	225	29.1	260	31.8	270	31.1	320	32.4	340	32	450	30.4
Indonesia	35	4.6	40	5.2	42	5.1	48	5.5	50	5.1	53	5	80	5.4
Zaire	93	12.2	105	13.6	98	12.0	107	12.3	109	11.0	110	10	130	8.8
Ivory Coast	13	1.7	14	1.8	15	1.8	19	2.2	30	3.0	42	4	65	4.4
Dahomey	40	5.3	57	7.4	65	7.9	60	6.9	62	6.3	65	6	90	6.1
Cameroon	50	6.6	51	6.6	52	6.4	56	6.4	58	5.9	60	6	75	5.1
Colombia	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Leone	57	7.5	53	6.9	52	6.4	57	6.6	60	6.1	64	6	12	.8
Total	589	77.4	608	78.7	662	80.9	709	81.6	814	82.5	889	83	1,292	87.3
Other Countries:	172	22.6	165	21.3	156	19.1	160	18.4	173	17.5	186	17	188	12.7
World total	761	100.0	773	100.0	818	100.0	869	100.0	987	100.0	1,075	100	1,480	100.0
(Oil equivalent)	352		355		385		410		465		500		760	170
Major exporters:														
Nigeria	165	45.0	162	38.7	179	41.3	185	40.9	250	45.0	270	44		
Indonesia	38	10.4	35	8.4	42	9.7	50	11.1	52	9.4	53	9		
Malaysia	24	6.5	33	7.9	34	7.8	22	4.9	35	6.3	45	8		
Sierra Leone	12	3.3	65	15.5	49	11.3	59	13.1	62	11.2	64	10		
Cameroon	20	5.4	27	6.5	23	5.3	13	2.9	13	2.3	15	2		
Ivory Coast	10	2.7	9	2.2	13	3.0	18	4.0	30	5.4	43	7		
Dahomey	4	1.1	7	1.7	8	1.8	11	2.4	13	2.3	15	2		
Total	273	74.4	338	80.9	348	80.2	358	79.2	455	82.0	505	82		
Other Countries:	94	25.6	80	19.1	86	19.8	94	20.8	100	18.0	110	18		
World total	367	100.0	418	100.0	434	100.0	452	100.0	555	100.0	615	100		

1/ Preliminary. 2/ Forecast. 3/ FAO projections (November 1971. Low alternative production forecast 1.3 million tons and high is 1.64 million tons. SOURCE: Fats and Oils Division, Foreign Agricultural Service, except 1980 projections which are those of the FAO.

Table 253--Palm kernel oil: Estimated world exports, by major countries, 1967-72

Country	EXPORTS											
	1967		1968		1969		1970		1971 1/		1972 2/	
	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world	Volume	% of world
	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent	Thou. metric tons	Percent
Major exporters:												
Zaire	42	39.3	45	43.7	42	37.2	50	42.0	51	41.8	52	42
Nigeria	38	35.5	27	26.2	37	32.7	33	27.7	32	26.2	32	26
Dahomey	17	15.9	23	22.3	20	17.7	22	18.5	22	18.1	22	17
Other	10	9.3	8	7.8	14	12.4	14	11.8	17	13.9	19	15
World total	107	100.0	103	100.0	113	100.0	119	100.0	122	100.0	125	100
World exports of palm kernels (oil basis)	173		197		204		212		263		290	
Combined exports palm kernels (oil basis) and palm kernel oil	280		300		317		331		385		415	

1/ Preliminary. 2/ Forecast. SOURCE: Fats and Oils Division, Foreign Agricultural Service.

Table 254--Sperm oil: World production, by major producing countries, 1960-71

Country	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 1/
-- Million pounds --												
U.S.S.R.	62	55	58	104	128	173	176	200	154	172	182	176
Japan	73	70	75	84	103	85	74	73	75	68	78	59
Norway	20	29	28	18	20	22	12	10	1	2	2	2
South Africa	17	15	23	23	24	28	28	20	13	16	16	15
Australia	4	7	9	9	11	10	9	9	9	10	13	11
Peru	28	29	25	23	15	8	6	2	10	14	12	11
Chile	12	14	14	11	9	2	6	4	---	---	---	---
Portugal	6	5	6	7	6	6	4	4	1	2	2	2
Others	16	16	22	20	14	6	7	8	4	4	4	4
World total	244	240	260	298	330	340	322	330	268	288	308	282
-- Percent --												
U.S. imports as % of world production	15	25	26	22	18	23	18	15	22	16	18	16

1/ Preliminary. 2/ Less than 500,000 pounds. Foreign Agricultural Service, Fats and Oils Division.

Table 255--U.S. whale catch, by species, 1960-71

Species	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
-- Number --												
Blue	1	2	2	6	2	4	---	---	---	---	---	---
Bottlenose	2	4	---	2	1	2	1	---	---	---	---	---
Brydes	---	---	---	---	---	---	2	---	---	---	---	---
Fin	138	118	124	21	147	114	42	44	38	31	5	4
Gray	---	---	---	---	1/20	---	1/52	1/99	1/66	1/74	---	---
Humpback	67	64	39	55	27	4	---	---	---	---	---	---
Killer	---	---	1	1	---	---	1	1	---	---	---	---
Sei	47	51	22	97	13	22	60	3	14	10	4	2
Sperm 2/	16	104	60	77	64	97	68	1/100	1/84	1/68	1/64	1/47
Total	271	343	248	259	274	243	226	247	202	183	73	53

1/ Taken under special scientific permits. 2/ The sperm whaling season is April 1 through November 30. The season for other whales is April 15 to October 15. U.S. Department of Commerce.

Table 256--Whales killed: World total, by areas and types, 1960-70

Season	Total of whales killed	In Antarctic			On other grounds		
		Total	Baleen whales	Sperm whales	Total	Baleen whales	Sperm whales
1960-61	65,641	41,127	36,327	4,800	24,514	8,184	16,330
1961-62	56,090	38,552	33,723	4,829	27,538	9,051	18,487
1962-63	63,579	30,159	25,388	4,771	33,420	10,333	23,087
1963-64	63,001	29,942	23,231	6,711	33,059	10,515	22,544
1964-65	64,680	32,563	28,211	4,352	32,117	10,921	21,196
1965-66	57,891	24,680	20,125	4,555	33,211	10,388	22,823
1966-67	52,238	20,225	15,265	4,960	32,013	10,549	21,464
1967-68	46,645	15,080	12,512	2,568	31,565	10,053	21,512
1968-69	41,735	11,478	8,796	2,682	30,257	8,797	21,460
1969-70 1/	41,891	11,949	8,859	3,090	29,942	7,267	22,675
1970-71 1/	N.A.	N.A.	N.A.	N.A.	27,751	N.A.	N.A.

International Whaling Statistics. N.A. -- Not available. 1/ Preliminary.

Table 257.--Oils and Fats (oil or fat equivalent): Estimated world production, annual 1960-71 ^{1/}

Commodity	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971 ^{2/}
-- 1,000 metric tons --												
Edible vegetable oils ^{3/}:												
Cottonseed	2,195	2,170	2,190	2,295	2,400	2,505	2,545	2,220	2,155	2,485	2,375	2,365
Peanut	2,525	2,800	2,880	2,910	3,005	3,290	3,195	3,205	3,330	3,025	3,230	3,305
Soybean	3,295	3,290	3,850	3,810	3,880	3,905	4,585	5,000	5,215	5,840	5,960	6,155
Sunflower	1,665	1,930	2,425	2,380	2,290	3,130	2,965	3,495	3,705	3,705	3,780	3,570
Rapeseed	1,105	1,190	1,215	1,060	1,120	1,460	1,415	1,665	1,850	1,475	1,855	2,415
Sesame	540	495	550	570	575	610	565	545	600	565	595	715
Safflower	110	130	135	205	215	185	200	255	265	175	220	235
Olive ^{4/}	1,180	1,345	1,340	925	1,700	1,005	1,235	1,205	1,335	1,385	1,250	1,445
Corn	175	190	200	215	235	245	255	260	255	270	280	300
Total	12,790	13,540	14,785	14,370	15,420	16,335	16,960	17,850	18,710	18,925	19,545	20,505
Palm oils ^{5/}:												
Coconut	1,960	2,195	2,035	2,130	2,270	2,135	2,260	2,165	2,150	2,040	2,110	2,400
Palm kernel ^{6/}	430	425	390	405	410	435	425	355	365	385	410	465
Palm ^{6/}	1,285	1,265	1,260	1,350	1,355	1,385	1,420	1,270	1,405	1,570	1,790	2,015
Babassu kernel ^{7/}	58	52	60	45	52	54	66	52	65	101	102	107
Total	3,733	3,937	3,745	3,930	4,087	4,009	4,171	3,842	3,985	4,096	4,412	4,987
Industrial oils:												
Linseed	960	1,010	990	1,105	1,065	1,080	1,080	950	785	920	1,140	1,245
Castor	275	250	270	285	360	335	325	370	365	365	350	325
Oiticica	20	16	25	5	17	12	18	2	29	2	16	---
Tung	121	115	114	115	137	149	126	149	125	130	117	128
Olive residue ^{8/}	106	111	94	98	124	98	117	134	146	148	115	141
Total	1,482	1,502	1,493	1,608	1,703	1,674	1,666	1,605	1,450	1,565	1,738	1,839
Animal fats:												
Butter (fat content)	3,855	3,895	3,970	3,970	4,040	4,300	3,900	4,000	4,050	4,000	3,850	3,900
Lard ^{9/}	3,730	3,835	3,875	3,905	3,740	3,910	3,930	4,070	4,065	3,960	4,005	4,230
Tallow and greases	3,050	3,170	3,300	3,600	3,895	3,790	3,900	4,180	4,250	4,255	4,425	4,620
Total	10,635	10,900	11,145	11,475	11,675	12,000	11,730	12,250	12,365	12,215	12,280	12,750
Marine oils:												
Whale	380	388	354	267	226	198	115	103	92	76	69	69
Sperm whale	111	109	118	135	150	154	146	150	122	130	140	128
Fish (including liver)	462	602	669	616	759	786	895	1,112	1,110	914	1,052	1,095
Total	953	1,099	1,141	1,018	1,135	1,138	1,156	1,365	1,324	1,120	1,261	1,292
Grand total	29,593	30,978	32,309	32,401	34,020	35,156	35,683	36,912	37,834	37,921	39,236	41,373

^{1/} Years indicated are those in which the predominant share of the given oil was produced. ^{2/} Preliminary. ^{3/} Revised series for most commodities except olive and corn oils. ^{4/} Excludes olive residue oil. ^{5/} Estimated on the basis of exports and information available on consumption in the various producing areas. ^{6/} Revised series. ^{7/} Mill production 1960-65 only. ^{8/} Includes quantities of refined oil for edible purposes. ^{9/} Rendered lard only in most countries.

Foreign Agricultural Service.

Table 258--Oilseeds, Oils, and Fats (fats or oil equivalent): Estimated world exports, 1960-71 ^{1/}

Commodity	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 ^{2/}	1970 ^{2/}	1971 ^{2/}
	-- 1,000 metric tons --											
Edible vegetable oils:												
Cottonseed	294	263	297	286	388	411	258	186	219	265	305	305
Peanut	826	854	984	1,015	1,007	995	1,084	1,055	1,159	888	810	670
Soybean	1,440	1,036	1,484	1,434	1,700	1,772	1,719	1,948	1,975	2,049	2,919	3,015
Sunflower ^{3/}	245	285	323	395	387	407	758	1,128	1,200	1,098	835	625
Rapeseed	92	67	138	128	131	261	350	388	389	386	481	770
Sesame	80	71	90	87	91	86	89	90	93	108	100	105
Safflower	35	26	45	91	47	64	61	52	31	24	23	20
Olive ^{4/}	69	85	87	27	113	52	69	71	82	92	104	110
Corn	9	11	14	9	7	7	9	8	15	17	20	20
Total	3,090	2,698	3,462	3,473	3,871	4,055	4,397	4,926	5,163	4,927	5,597	5,640
Palm oils:												
Coconut	1,152	1,334	1,223	1,325	1,334	1,272	1,390	1,206	1,247	1,072	1,093	1,325
Palm kernel	407	391	363	367	373	368	377	280	300	317	331	350
Palm	587	565	508	529	571	550	627	496	668	738	759	950
Babassu kernel	---	---	9	1	---	12	5	4	9	15	17	15
Total	2,146	2,290	2,103	2,222	2,278	2,202	2,399	1,986	2,224	2,142	2,200	2,640
Industrial oils:												
Linseed	411	426	450	425	447	478	445	433	354	428	420	490
Castor	164	171	162	189	200	204	173	172	228	256	236	195
Oiticica	9	12	19	6	12	9	10	6	11	7	10	2
Tung	54	40	38	37	44	37	42	57	42	48	35	48
Total	638	649	669	657	703	728	670	668	635	739	701	735
Animal fats:												
Butter (fat content,	426	445	422	472	510	476	476	526	481	481	562	475
Lard	426	351	376	405	474	305	303	358	421	441	445	475
Tallow and greases ^{5/}	998	1,080	1,028	1,238	1,405	1,395	1,365	1,449	1,446	1,417	1,557	1,600
Total	1,850	1,876	1,826	2,115	2,389	2,177	2,144	2,333	2,348	2,339	2,564	2,550
Marine oils:												
Whale	159	178	144	152	108	101	52	49	38	26	32	30
Sperm whale	110	71	103	114	92	117	119	92	90	96	64	80
Fish (including liver) ^{4/}	228	266	367	412	359	475	507	653	722	627	558	625
Total	497	515	614	678	559	693	678	794	850	749	654	735
Grand total	8,221	8,028	8,674	9,145	9,800	9,855	10,288	10,707	11,220	10,896	11,716	12,300

^{1/} Exports from producing countries. ^{2/} Preliminary. ^{3/} Includes exports of "edible vegetable oils", believed to be mainly sunflowerseed oil, from Romania and from the USSR through 1962. Subsequently, sunflowerseed oil has been separately classified in USSR statistics. ^{4/} Net exports. ^{5/} Revised series; figures include edible and inedible tallow and greases but exclude animal oils.

SOURCE: Fats and Oils Division, Foreign Agricultural Service.

Table 259.--Oilseeds: Season average price received by farmers, United States, 1950-71

Year	Cottonseed, per ton, year beginning August 1/	Flaxseed, per bushel, year beginning July 1/	Olives for crushing, year beginning October 2/	Peanuts, per pound, year beginning August 1/	Soybeans, per bushel, year beginning September 1/	Tung nuts, per ton, year beginning November 3/
	Dollars	Dollars	Dollars	Cents	Dollars	Dollars
1950	85.60	3.34	105.00	4/10.9	2.47	111.00
1951	69.30	3.72	65.00	4/10.4	2.73	105.00
1952	69.60	3.75	68.00	10.9	2.72	79.80
1953	52.70	3.64	74.00	11.1	2.72	66.80
1954	60.30	3.05	64.00	12.2	2.46	59.40
1955	44.60	2.90	84.00	11.7	2.22	64.00
1956	53.40	2.99	82.00	11.2	2.18	53.40
1957	51.10	2.94	68.00	10.4	2.07	52.30
1958	43.80	2.69	53.00	10.6	2.00	53.20
1959	38.80	3.00	65.00	9.6	1.96	52.40
1960	42.60	2.65	54.00	10.0	2.13	62.50
1961	51.10	3.26	61.00	10.9	2.28	87.30
1962	47.90	2.83	67.00	11.0	2.34	122.00
1963	50.70	2.76	59.00	11.2	2.51	65.50
1964	47.10	2.82	61.00	11.2	2.62	61.70
1965	46.70	2.80	62.00	11.4	2.54	60.50
1966	65.90	2.89	51.00	11.3	2.75	57.90
1967	55.20	2.95	63.00	11.4	2.49	65.10
1968	50.50	2.81	42.00	11.9	2.43	67.00
1969	41.10	2.65	27.00	12.3	2.35	61.40
1970 5/	56.40	2.40	27.80	12.8	2.85	66.60
1971 3/	56.80	2.41	N.A.	13.6	3.01	5/70

1/ Season average price weighted by estimates of monthly sales for each State during the crop marketing season. Where applicable includes allowance for unredeemed loans and purchase agreement deliveries by States. 2/ Equivalent per unit returns for bulk fruit at first delivery point. Olive prices are for California alone, as there is practically no commercial production in other States. 3/ Average price to growers in terms of air dried nuts in the husk. 4/ Peanuts for oil. Prices to farmers for 1950 and 1951 crop oil peanuts were announced weekly and were equivalent to the prevailing market value of peanut oil and meal, less estimated storage, handling, selling and crushing costs of the peanuts. 5/ Preliminary. 6/ ZNS estimates. N.A.--Not available.

Table 260.--Cottonseed: Average price per ton received by farmers, United States, by month, 1950-71 1/

Year	August	September	October	November	December	January	February	March	April	May	June	July	Season average 2/
	Dollars												
1950	70.90	78.80	81.50	98.40	102.00	101.00	100.00	103.00	103.00	101.00	95.60	78.00	85.60
1951	69.10	66.10	69.90	72.70	71.50	70.10	67.00	61.50	60.80	60.80	61.90	71.00	69.30
1952	69.80	69.60	70.70	69.70	68.50	65.30	64.50	63.60	63.10	61.80	61.20	59.00	69.60
1953	56.70	51.50	52.40	53.30	53.00	52.00	51.40	50.50	50.80	51.40	51.40	54.00	52.70
1954	61.30	61.60	60.20	59.40	59.60	56.80	55.20	53.40	53.40	53.10	52.00	54.00	60.30
1955	50.10	43.70	43.50	44.30	45.00	45.50	46.20	46.80	46.90	47.30	47.40	49.00	44.60
1956	51.00	47.70	54.10	59.20	59.90	60.40	58.60	60.60	---	---	---	55.00	53.40
1957	55.70	53.20	49.80	50.00	50.50	51.20	49.90	51.20	---	---	---	45.00	51.20
1958	47.60	45.50	43.20	43.50	43.00	43.30	43.80	45.40	---	---	---	48.00	43.80
1959	42.80	37.90	38.90	38.80	39.10	39.60	39.60	39.80	---	---	---	38.00	38.80
1960	38.90	39.20	42.60	44.40	45.20	44.60	44.70	44.80	---	---	---	49.00	42.60
1961	49.90	47.50	51.50	52.40	51.50	50.90	51.50	50.90	---	---	---	49.00	51.10
1962	47.40	47.30	47.80	48.10	47.60	48.20	48.50	49.00	---	---	---	49.00	47.90
1963	50.60	49.60	51.50	51.80	50.70	49.00	48.70	46.30	---	---	---	49.00	50.70
1964	44.90	44.70	47.30	47.70	48.60	49.20	48.20	47.70	---	---	---	46.00	47.10
1965	45.80	46.30	46.70	46.40	47.80	47.80	47.50	47.60	---	---	---	---	46.70
1966	62.90	65.50	65.90	65.60	65.90	65.30	63.30	63.50	---	---	---	59.00	65.90
1967	52.00	51.80	54.10	56.00	57.00	56.40	57.80	56.10	---	---	---	---	55.20
1968	52.90	51.00	50.50	50.50	50.30	49.90	50.20	49.90	---	---	---	---	50.50
1969	37.00	37.80	40.20	42.30	44.20	46.50	47.00	47.10	---	---	---	---	41.10
1970 3/	50.00	51.10	56.00	56.50	58.00	60.00	58.50	58.20	---	---	---	---	56.40
1971 3/	60.00	58.40	55.80	58.10	56.90	54.50	54.30	55.90	---	---	---	---	56.80

1/ Monthly prices computed by weighting State prices by estimated sales for the month. 2/ Season average price weighted by estimates of monthly sales for each State during the crop marketing season. 3/ Preliminary.

Table 261.--Copra: Average price, per ton, c.i.f. Pacific Coast, by months, 1950-71

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average
-- Dollars --													
1950	190.94	188.12	199.00	205.31	188.75	171.25	191.50	208.12	222.50	211.25	221.25	220.00	201.50
1951	252.50	275.62	275.00	243.75	208.44	180.50	166.25	179.50	181.25	190.62	174.00	170.00	208.12
1952	155.88	143.20	127.50	122.50	129.50	144.38	131.88	131.50	141.25	179.50	195.00	200.62	150.48
1953	225.00	218.75	253.00	237.50	205.50	191.25	186.50	183.12	190.62	207.50	216.25	219.50	211.21
1954	218.75	205.00	178.75	176.50	172.50	170.62	169.50	163.12	159.25	174.00	167.50	171.50	177.25
1955	178.00	174.38	163.75	160.40	154.75	161.25	161.00	147.00	152.50	155.38	151.00	148.70	159.01
1956	145.88	146.62	152.10	161.25	170.88	155.50	149.38	148.00	151.25	151.88	156.50	159.00	154.02
1957	156.00	151.25	149.30	154.25	157.20	150.62	151.25	161.80	165.12	162.00	164.20	177.50	158.37
1958	181.00	179.50	182.00	186.12	186.20	180.75	184.75	191.30	196.75	206.40	242.12	236.88	196.15
1959	246.10	259.33	261.88	261.88	265.50	248.12	215.00	210.00	232.50	246.50	226.88	233.00	242.23
1960	244.38	239.38	226.25	207.50	195.00	183.12	178.00	177.25	164.50	164.38	173.12	158.00	192.57
1961	162.50	167.88	158.00	160.00	159.38	152.40	155.62	156.88	153.90	150.88	152.75	149.00	156.60
1962	149.25	146.12	147.60	156.12	152.88	146.20	150.62	149.50	148.75	153.62	155.00	165.00	151.72
1963	168.25	161.88	161.20	168.75	168.60	165.25	166.38	169.90	169.75	178.75	183.00	180.25	170.16
1964	177.20	169.38	174.38	180.00	180.50	184.38	189.00	181.50	174.00	176.90	180.12	185.25	179.47
1965	193.50	204.88	214.12	225.50	231.25	225.62	199.00	187.38	181.38	189.90	194.38	189.10	203.00
1966	194.62	190.00	173.88	170.30	161.25	163.75	167.40	169.00	161.40	160.12	154.62	158.60	168.79
1967	162.12	169.50	167.50	163.25	165.67	174.75	177.80	176.50	175.12	193.75	226.40	230.62	181.92
1968	234.00	236.88	243.12	248.00	240.75	222.50	179.38	190.40	168.12	165.60	166.60	180.62	206.33
1969	186.90	178.00	177.12	173.75	165.40	172.12	175.25	174.50	179.62	184.80	200.50	225.25	182.77
1970	219.50	204.37	1/										2/211.94
1971													

1/ No longer quoted. 2/ Average for less than 12 months.

Table 262.--Flaxseed, No. 1: Average price per bushel, Minneapolis, by months, 1950-71 1/

Year beginning July	July	August	September	October	November	December	January	February	March	April	May	June	Average 2/
-- Dollars --													
1950	3.84	3.75	3.55	3.26	3.45	3.87	4.55	4.84	4.89	4.68	4.32	3.68	4.06
1951	3.42	3.41	3.83	4.16	4.40	4.56	4.54	4.23	4.16	3.92	3.96	4.00	4.05
1952	4.02	4.17	4.17	4.08	4.10	4.10	4.04	3.90	3.94	3.84	3.76	3.65	3.98
1953	3.50	3.56	3.85	3.88	3.93	4.02	4.00	3.89	3.93	3.82	3.99	3.88	3.86
1954	3.63	3.47	3.41	3.39	3.37	3.38	3.34	3.36	3.25	3.24	3.34	3.35	3.33
1955	3.29	3.15	3.08	3.01	3.17	3.21	3.25	3.47	3.68	3.64	3.44	3.38	3.37
1956	3.34	3.28	3.25	3.27	3.41	3.44	3.35	3.34	3.23	3.17	3.16	3.07	3.28
1957	3.07	3.25	3.40	3.40	3.35	3.42	3.40	3.34	3.10	2.99	2.96	3.00	3.21
1958	3.22	3.10	3.00	2.99	2.97	3.00	2.99	2.97	2.99	3.01	3.03	3.01	3.02
1959	2.97	3.28	3.42	3.68	3.85	3.58	3.50	3.35	3.28	3.36	3.43	3.19	3.41
1960	3.01	3.11	2.98	2.86	2.76	2.82	2.87	3.02	3.07	3.09	3.14	3.37	3.01
1961	3.87	3.62	3.66	3.58	3.42	3.43	3.47	3.53	3.52	3.65	3.47	3.27	3.54
1962	3.30	3.15	3.12	3.07	3.03	3.00	3.06	3.10	3.10	3.07	3.00	3.00	3.08
1963	3.05	2.98	2.90	3.01	3.00	3.05	3.11	3.10	3.14	3.09	3.12	3.07	3.05
1964	3.00	2.97	3.10	3.14	3.20	3.20	3.18	3.20	3.19	3.15	3.19	3.16	3.14
1965	3.11	3.05	3.02	2.99	2.99	2.99	3.07	3.12	3.12	3.13	3.14	3.13	3.07
1966	3.16	3.15	3.20	3.20	3.19	3.16	3.16	3.16	3.15	3.15	3.20	3.20	3.17
1967	3.26	3.26	3.26	3.16	3.14	3.14	3.16	3.16	3.20	3.22	3.19	3.21	3.20
1968	3.14	3.01	3.03	3.07	3.06	3.07	3.04	3.05	3.11	3.16	3.15	3.15	3.09
1969	3.00	2.88	2.69	2.77	2.90	2.92	2.94	2.90	2.92	2.97	2.97	2.89	2.90
1970	2.83	2.65	2.64	2.60	2.62	2.63	2.58	2.62	2.63	2.71	2.72	2.70	2.66
1971	2.68	2.62	2.61	2.58	2.64	2.71	2.70	2.74	2.74	2.78			

1/ Average of daily prices weighted by carlot sales. 2/ Simple average.

Table 263.--Flaxseed: Average price per bushel received by farmers, United States, by months, 1950-71 1/

Year beginning:	July	August	September	October	November	December	January	February	March	April	May	June	Average 2/
July	-- Dollars --												
1950	3.40	3.35	3.24	2.95	3.14	3.59	4.25	4.49	4.59	4.37	4.16	3.41	3.34
1951	3.19	3.13	3.41	3.78	4.10	4.24	4.02	3.92	3.88	3.64	3.63	3.67	3.72
1952	3.68	3.77	3.80	3.73	3.75	3.70	3.54	3.63	3.57	3.45	3.45	3.33	3.73
1953	3.17	3.22	3.48	3.51	3.58	3.66	3.64	3.47	3.60	3.54	3.64	3.48	3.64
1954	2.95	3.03	3.04	3.07	3.02	3.04	3.00	2.99	2.88	2.87	2.96	2.98	3.05
1955	2.95	2.81	2.74	2.76	2.80	2.84	2.95	3.07	3.26	3.44	3.54	3.12	2.90
1956	2.95	2.97	2.89	2.92	3.05	3.05	3.04	2.95	2.89	2.80	2.79	2.72	2.99
1957	2.69	2.84	3.04	2.99	2.94	3.01	2.95	2.84	2.73	2.61	2.58	2.64	2.94
1958	2.84	2.73	2.58	2.60	2.57	2.60	2.59	2.58	2.56	2.60	2.62	2.70	2.69
1959	2.63	2.90	2.07	3.21	3.44	3.20	3.12	3.00	2.81	2.93	3.04	2.94	3.00
1960	2.61	2.80	2.65	2.50	2.40	2.47	2.47	2.61	2.68	2.75	2.84	2.88	2.65
1961	3.41	3.40	3.35	3.23	3.12	3.15	3.14	3.18	3.21	3.27	3.18	3.03	3.26
1962	3.10	2.94	2.84	2.79	2.79	2.72	2.75	2.79	2.81	2.79	2.77	2.85	2.83
1963	2.84	2.71	2.50	2.71	2.74	2.77	2.83	2.79	2.85	2.81	2.77	2.81	2.76
1964	2.75	2.70	2.71	2.83	2.93	2.90	2.91	2.92	2.89	2.87	2.86	2.87	2.82
1965	2.89	2.83	2.73	2.67	2.72	2.71	2.73	2.81	2.85	2.88	2.83	2.88	2.89
1966	2.91	2.93	2.92	2.90	2.90	2.88	2.87	2.85	2.85	2.88	2.83	2.88	2.89
1967	2.98	3.02	2.95	2.89	2.85	2.86	2.88	2.90	2.94	2.94	2.91	2.97	2.95
1968	2.25	2.79	2.78	2.61	2.79	2.79	2.77	2.81	2.85	2.87	2.79	2.82	2.81
1969	2.73	2.65	2.57	2.64	2.61	2.64	2.64	2.62	2.64	2.66	2.50	2.59	2.65
1970 3/	2.56	2.46	2.36	2.31	2.32	2.33	2.31	2.33	2.34	2.36	2.37	2.38	2.40
1971 3/	2.34	2.34	2.31	2.25	2.27	2.37	2.41	2.42	2.44	2.49			2.41

1/ Monthly prices computed by weighting state prices by estimated sales for the month. 2/ Season average price weighted by estimates of monthly sales for each State during the crop marketing season. Includes allowance for unredempted loans and purchase agreement deliveries by States. 3/ Preliminary.

Table 264.--Peanuts (in the shell): Average price per pound received by farmers, United States, by months, 1950-71

Year beginning:	August	September	October	November	December	January	February	March	April	May	June	July	Average 1/
August	-- Cents --												
1950	11.0	10.9	10.7	11.0	10.9	10.9	10.9	10.8	10.8	11.0	10.8	10.8	10.9
1951	10.8	11.0	10.4	10.1	10.3	10.3	10.3	10.4	10.3	10.4	10.3	10.3	10.4
1952	10.9	11.1	11.1	10.8	11.0	10.9	11.0	11.1	11.1	11.2	11.1	11.1	10.9
1953	11.1	11.0	10.9	10.9	11.0	11.1	11.2	11.1	11.2	11.2	11.2	11.2	11.1
1954	11.4	11.4	11.6	12.3	12.5	12.6	12.5	12.5	12.5	12.5	12.5	12.4	12.2
1955	12.2	11.8	11.8	11.7	11.9	11.9	11.8	11.7	11.6	11.8	11.8	11.8	11.7
1956	11.6	11.5	11.6	11.0	11.0	11.1	11.1	11.2	11.2	11.2	10.9	10.9	11.2
1957	10.7	10.5	9.93	10.7	10.8	9.79	9.64	10.1	10.5	11.0	11.0	---	10.4
1958	10.9	10.4	10.5	10.7	10.6	10.5	11.0	10.7	10.6	11.7	11.7	---	10.6
1959	9.54	8.97	8.93	9.87	10.4	10.1	10.9	10.3	10.2	11.4	11.5	---	9.6
1960	9.65	9.45	9.78	10.5	10.8	10.2	10.8	10.8	10.3	11.4	---	---	10.0
1961	9.90	10.7	10.8	11.2	11.4	11.3	12.1	11.4	11.2	12.1	---	10.1	10.9
1962	10.4	10.5	10.9	11.4	11.5	11.2	11.2	11.1	11.1	12.0	---	10.6	11.0
1963	12.0	11.3	11.4	11.2	11.1	11.2	11.6	11.4	11.2	11.3	---	---	11.2
1964	10.9	11.0	11.3	11.4	11.4	11.5	12.1	11.6	11.4	11.5	---	---	11.2
1965	11.2	11.2	11.7	11.3	11.3	11.3	12.0	11.9	11.4	---	---	---	11.4
1966	11.3	11.2	11.3	11.2	11.3	11.4	11.6	11.5	11.2	---	---	---	11.3
1967	11.4	11.5	11.3	11.5	11.1	11.3	11.5	11.5	11.4	---	---	---	11.4
1968	11.9	11.4	12.1	11.9	12.0	11.8	11.9	11.8	---	---	---	---	11.9
1969	12.0	12.1	12.4	12.4	12.5	12.1	12.1	12.1	---	---	---	---	12.3
1970 2/	12.2	12.9	13.2	12.3	11.9	13.0	12.0	---	---	---	---	---	12.8
1971 2/	12.9	13.5	13.8	13.6	13.9	---	---	---	---	---	---	---	13.6

1/ Refers to crop of designated year, computed by weighting State season average prices by quantities sold. Marketing season begins in August in the Southwest Area, September in the Southeast Area, and November in the Virginia-Carolina Area. 2/ Preliminary.

Table 265.--Soybeans: Average price per bushel received by farmers, United States by months, 1950-71 ^{1/}

Year	beginning: September:	September:	October:	November:	December:	January:	February:	March:	April:	May:	June:	July:	August:	Average ^{2/}
-- Dollars --														
1950	2.26	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.98	2.86	2.71	2.47	
1951	2.59	2.62	2.77	2.83	2.78	2.78	2.76	2.72	2.77	3.02	3.00	3.05	2.73	
1952	2.33	2.71	2.71	2.75	2.69	2.63	2.81	2.81	2.78	2.66	2.44	2.40	2.72	
1953	2.51	2.41	2.60	2.81	2.83	2.97	3.22	3.52	3.55	3.49	3.47	3.23	2.72	
1954	2.51	2.54	2.57	2.57	2.58	2.61	2.54	2.42	2.36	2.32	2.23	2.20	2.46	
1955	2.00	2.08	2.06	2.11	2.19	2.25	2.38	2.63	2.98	2.87	2.47	2.33	2.22	
1956	2.07	2.07	2.27	2.27	2.31	2.25	2.26	2.24	2.23	2.18	2.24	2.27	2.18	
1957	2.13	2.04	2.04	2.06	2.05	2.05	2.10	2.16	2.13	2.13	2.11	2.11	2.07	
1958	1.98	1.93	1.89	1.97	2.02	2.05	2.07	2.10	2.13	2.09	2.05	1.98	2.00	
1959	1.90	1.93	2.00	1.98	2.01	1.99	1.99	2.02	2.00	1.97	1.97	1.99	1.96	
1960	1.97	1.94	1.96	1.99	2.23	2.48	2.68	3.02	2.96	2.60	2.48	2.49	2.13	
1961	2.24	2.20	2.27	2.30	2.32	2.32	2.34	2.38	2.36	2.34	2.35	2.33	2.88	
1962	2.25	2.23	2.30	2.35	2.41	2.50	2.51	2.45	2.47	2.48	2.44	2.45	2.34	
1963	2.44	2.56	2.66	2.58	2.65	2.57	2.55	2.45	2.36	2.35	2.34	2.35	2.51	
1964	2.51	2.55	2.57	2.71	2.73	2.81	2.85	2.85	2.72	2.74	2.69	2.53	2.62	
1965	2.35	2.31	2.36	2.48	2.67	2.77	2.71	2.78	2.90	3.04	3.37	3.49	2.54	
1966	2.97	2.78	2.80	2.82	2.77	2.71	2.74	2.71	2.69	2.71	2.66	2.56	2.75	
1967	2.53	2.44	2.43	2.48	2.53	2.57	2.57	2.56	2.58	2.54	2.52	2.51	2.49	
1968	2.40	2.32	2.40	2.42	2.46	2.48	2.48	2.51	2.56	2.52	2.52	2.51	2.43	
1969	2.28	2.23	2.30	2.30	2.36	2.40	2.42	2.48	2.52	2.60	2.72	2.65	2.35	
1970 ^{3/}	2.66	2.77	2.86	2.77	2.86	2.92	2.91	2.80	2.85	2.98	3.18	3.09	2.85	
1971 ^{3/}	2.95	2.96	2.84	2.93	2.92	3.00	3.20	3.37					3.01	

^{1/} Monthly prices computed by weighting State prices by estimated sales for the month, ^{2/} Season average price weighted by estimates of monthly sales for each State during the crop marketing season, including allowance for unredeemed loans and purchase agreement deliveries by States. ^{3/} Preliminary.

Table 266.--Soybeans, No. 1 yellow: Average price per bushel, Illinois country shipping points, by months, September 1950-71

Year	beginning: September:	September:	October:	November:	December:	January:	February:	March:	April:	May:	June:	July:	August:	Average ^{1/}
-- Dollars --														
1950	2.45	2.30	2.72	2.95	3.10	3.25	3.25	3.25	3.24	3.04	2.94	2.87	2.95	
1951	2.77	2.80	2.90	2.95	2.90	2.90	2.88	2.82	2.92	3.17	3.22	3.25	2.96	
1952	2.98	2.85	2.89	2.90	2.85	2.82	2.94	2.95	3.87	2.76	2.56	2.55	2.83	
1953	2.47	2.57	2.83	2.99	3.03	3.17	3.49	3.80	3.63	3.66	3.70	3.55	3.24	
1954	2.72	2.69	2.74	2.73	2.74	2.74	2.63	2.54	2.46	2.42	2.36	2.39	2.60	
1955	2.24	2.22	2.19	2.27	2.35	2.45	2.56	2.85	3.10	2.97	2.54	2.40	2.51	
1956	2.18	2.21	2.42	2.39	2.43	2.35	2.35	2.33	2.29	2.26	2.34	2.40	2.33	
1957	2.19	2.12	2.18	2.19	2.17	2.18	2.21	2.24	2.23	2.23	2.24	2.26	2.20	
1958	2.08	2.01	2.01	2.08	2.12	2.15	2.17	2.20	2.23	2.20	2.15	2.00	2.12	
1959	1.98	2.01	2.09	2.08	2.11	2.06	2.08	2.11	2.09	2.06	2.09	2.13	2.07	
1960	2.07	2.04	2.05	2.15	2.39	2.66	2.88	3.14	3.07	2.73	2.59	2.63	2.53	
1961	2.27	2.33	2.38	2.40	2.40	2.40	2.44	2.48	2.47	2.44	2.44	2.42	2.41	
1962	2.28	2.37	2.42	2.45	2.55	2.59	2.58	2.55	2.56	2.57	2.56	2.56	2.50	
1963	2.58	2.68	2.72	2.71	2.71	2.65	2.63	2.53	2.47	2.44	2.43	2.48	2.59	
1964	2.61	2.67	2.74	2.83	2.87	2.95	2.94	2.97	2.81	2.89	2.79	2.63	2.81	
1965	2.61	2.38	2.49	2.62	2.77	2.84	2.82	2.92	3.03	3.30	3.49	3.63	2.91	
1966	3.13	2.88	2.89	2.95	2.88	2.84	2.82	2.80	2.80	2.82	2.74	2.72	2.86	
1967	2.62	2.51	2.50	2.57	2.62	2.64	2.64	2.64	2.65	2.64	2.64	2.62	2.61	
1968	2.50	2.32	2.45	2.52	2.55	2.55	2.56	2.60	2.64	2.61	2.64	2.60	2.54	
1969	2.41	2.30	2.36	2.41	2.47	2.46	2.47	2.58	2.65	2.73	2.80	2.75	2.53	
1970 ^{2/}	2.75	2.90	2.97	2.88	2.99	3.01	3.00	2.91	2.99	3.12	3.25	3.00		
1971 ^{2/}	3.01	3.01	2.98	3.06	3.05	3.14	3.35	3.47						

^{1/} Simple average. ^{2/} Preliminary.

Table 267.--Soybeans, No. 2 Yellow: Average price per bushel, Chicago, by months, 1950-71

Year beginning September	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average 1/
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1950	---	2.37	2.75	3.02	3.22	3.01	---	3.25	---	3.17	3.02	---	2.98
1951	2.66	2.91	2.93	2.99	2.98	3.05	---	2.83	3.03	3.25	3.28	---	2.99
1952	---	2.92	2.92	2.90	2.83	2.82	---	2.92	2.91	2.82	2.69	---	2.86
1953	2.57	2.61	2.85	---	---	---	3.46	---	---	---	---	4.00	3.10
1954	2.68	2.74	2.81	2.78	2.77	2.76	---	2.51	2.49	2.38	---	---	2.66
1955	---	2.24	2.28	2.33	2.42	---	2.56	2.73	3.10	2.88	2.76	2.56	2.59
1956	2.28	2.30	2.51	2.54	2.47	2.36	---	2.33	2.32	---	---	---	2.39
1957	---	2.26	2.27	2.28	2.20	---	---	---	---	---	---	---	2.25
1958	2.16	2.08	2.11	2.17	2.20	---	2.26	2.31	2.34	2.30	---	---	2.21
1959	2.09	2.14	2.21	2.14	2.16	2.13	2.16	2.16	2.19	2.14	2.14	2.21	2.16
1960	2.20	2.12	2.08	2.21	2.40	2.73	---	---	---	2.77	---	---	2.36
1961	---	2.39	2.43	2.46	2.46	2.46	2.50	2.54	2.52	2.52	---	---	2.48
1962	2.44	2.43	2.48	2.53	2.60	2.69	2.67	2.62	2.63	2.66	2.66	2.63	2.59
1963	2.70	2.78	2.86	2.71	2.80	2.72	2.69	2.62	2.57	2.52	2.52	2.55	2.67
1964	2.71	2.77	2.80	2.96	2.96	3.03	3.03	3.00	2.88	2.96	2.98	---	2.92
1965	2.73	2.46	2.50	2.65	2.83	2.89	2.87	2.95	3.04	3.48	3.72	3.56	2.97
1966	3.01	2.96	2.97	3.02	2.96	2.90	2.91	2.87	2.86	2.91	2.77	2.81	2.91
1967	2.70	1.50	2.58	2.61	2.67	2.69	2.69	2.70	2.74	2.72	2.71	2.70	2.67
1968	---	2.44	2.49	2.58	2.61	2.63	2.64	2.66	2.71	2.68	2.71	2.70	2.62
1969	---	2.37	2.38	2.42	2.50	2.58	2.56	2.65	2.70	2.78	2.90	2.80	2.60
1970 2/	2.78	2.92	2.98	2.91	3.03	3.04	3.02	2.94	2.99	3.12	3.46	---	3.02
1971 2/	---	3.13	2.99	2.98	3.07	3.15	---	3.50	---	---	---	---	---

1/ Simple average. 2/ Preliminary.

Table 268.--Soybeans, No. 1 Yellow: Average price per bushel, Chicago, by months, 1950-71 1/

Year beginning September	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average 2/
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1950	2.57	2.35	2.84	3.06	3.21	3.32	3.33	3.33	3.32	3.15	3.07	2.99	3.04
1951	2.87	2.90	2.99	3.02	2.99	2.99	2.97	2.91	3.01	3.25	3.29	3.33	3.04
1952	3.13	2.95	2.97	3.00	2.99	2.91	3.03	3.05	2.97	2.86	2.67	2.67	2.93
1953	2.59	2.66	2.88	3.02	3.06	3.20	3.51	3.83	3.71	3.74	3.82	3.70	3.31
1954	2.90	2.76	2.84	2.82	2.81	2.79	2.70	2.60	2.54	2.46	2.45	2.42	2.68
1955	2.30	2.30	2.29	2.37	2.44	2.53	2.63	2.94	3.19	3.04	2.63	2.45	2.59
1956	2.30	2.32	2.53	2.50	2.53	2.45	2.44	2.43	2.39	2.33	2.45	2.45	2.43
1957	2.33	2.26	2.29	2.28	2.26	2.25	2.25	2.30	2.28	2.26	2.28	2.27	2.28
1958	2.21	2.11	2.14	2.18	2.20	2.23	2.26	2.31	2.34	2.28	2.23	2.15	2.22
1959	2.09	2.14	2.23	2.16	2.18	2.15	2.16	2.19	2.19	2.15	2.16	2.19	2.17
1960	2.15	2.12	2.11	2.23	2.49	2.76	2.94	3.23	3.10	2.73	2.66	2.62	2.60
1961	2.42	2.39	2.45	2.48	2.48	2.47	2.51	2.56	2.54	2.53	2.54	2.55	2.49
1962	2.45	2.45	2.50	2.53	2.64	2.69	2.65	2.61	2.64	2.66	2.65	2.63	2.59
1963	2.67	2.78	2.79	2.78	2.78	2.70	2.69	2.62	2.56	2.52	2.52	2.58	2.67
1964	2.70	2.73	2.81	2.91	2.96	3.03	3.01	3.04	2.86	2.97	2.89	2.75	2.89
1965	2.68	2.49	2.54	2.66	2.84	2.91	2.86	2.98	3.08	3.38	3.59	3.73	2.98
1966	3.19	2.96	2.99	3.00	2.96	2.91	2.91	2.88	2.87	2.90	2.83	2.81	2.93
1967	2.69	2.60	2.61	2.64	2.69	2.73	2.71	2.71	2.74	2.71	2.71	2.72	2.69
1968	2.61	2.46	2.53	2.59	2.63	2.64	2.64	2.69	2.72	2.69	2.70	2.61	2.63
1969	2.49	2.38	2.42	2.47	2.55	2.59	2.58	2.64	2.70	2.81	2.90	2.79	2.61
1970 3/	2.81	2.95	3.00	2.93	3.03	3.06	3.04	2.91	3.03	3.21	3.38	3.29	3.05
1971 3/	3.12	3.12	3.00	3.08	3.09	3.18	3.37	3.49	---	---	---	---	---

1/ Prior to October 1953 quotations are based on No. 2 Yellow Soybeans. 2/ Simple average. 3/ Preliminary.

Table 269 -- Oilseeds: Price support levels and season average prices received by farmers, 1949-72

Crop of--	Soybeans			Cottonseed			Peanuts (farmers' stock)			Season average price per bushel received by farmers
	Level of support		Season average price per bushel received by farmers	Level of support		Season average price per ton received by farmers	Level of support		Season average price per pound received by farmers	
	Percent of parity	Price per bushel		Percent of parity	Price per ton ^{1/}		Percent of parity	Price		
Percent	Dollars	Dollars	Percent	Dollars	Dollars	Percent	Dollars	Cents	Cents	
1949	90	2.11	2.16	90	46.50	43.40	90	210.00	10.5	10.4
1950	80	2.06	2.47	73	47.00	86.60	90	216.00	10.8	10.9
1951	90	2.45	2.73	90	61.50	69.30	88	230.56	11.5	10.4
1952	90	2.56	2.72	90	62.40	69.60	90	239.40	12.0	10.9
1953	90	2.56	2.72	75	50.50	52.70	90	237.60	11.9	11.1
1954	80	2.22	2.45	75	50.00	60.30	50	244.80	12.2	12.2
1955	70	2.04	2.22	65	42.00	44.60	90	244.80	12.2	11.7
1956	75	2.15	2.18	70	44.00	53.40	86	227.04	11.4	11.2
1957	69	2.09	2.07	65	42.00	51.10	81	221.40	11.1	10.4
1958	69	2.09	2.00	65	41.00	43.80	81	213.20	10.7	10.6
1959	64	1.85	1.95	57	34.00	38.80	75	193.50	9.7	9.6
1960	64	1.85	2.13	57	34.00	42.60	79	201.24	10.1	10.0
1961	80	2.70	2.28	79	45.00	51.10	86	221.00	11.0	10.9
1962	76	2.25	2.34	76	44.00	47.90	82	221.40	11.1	11.0
1963	75	2.25	2.51	2/70	44.00	50.70	80	224.00	11.2	11.2
1964	74	2.25	2.62	70	44.00	47.10	79	224.00	11.2	11.2
1965	74	2.25	2.54	68	43.00	46.70	77	224.00	11.2	11.4
1966	78	2.25	2.75	74	48.00	65.90	77	227.00	11.4	11.3
1967	75	2.50	2.49	70	48.00	55.20	75	227.00	11.4	11.4
1968	75	2.50	2.43	69	48.00	50.50	77	240.25	12.0	11.9
1969	62	3/2.25	2.35	50	37.00	41.10	76	247.50	12.4	12.3
1970	61	2.25	2.85	50	37.00	456.40	75	255.00	12.8	4/12.8
1971	59	2.25	4/3.01	No Program	No Program	156.80	75	268.50	13.4	4/13.6
1972	56	2.25		No Program			75	1/279		
Crop of--	Flaxseed			Tung nuts			Castorbeans (hulled basis)			
	Level of support		Season average price per bushel received by farmers	Level of support		Season average price per ton received by farmers for tung nuts	Level of support		Estimated average	
	Percent of parity	Price per bushel ^{6/}		Percent of parity	Price per ton		Percent of parity	Price per pound	Beans	CCC oil purchase price	Price per pound received by farmers for castorbeans
Percent	Dollars	Dollars	Percent	Dollars	Cents	Dollars	Percent	Cents	Cents	Cents
1949	90	3.74	3.63	60	60.00	24.1	63.70		No Program	
1950	60	2.57	3.34	60	63.00	25.1	111.00		No Program	
1951	60	2.65	3.72	60	67.20	26.5	106.00		7/10.0	10.0
1952	80	3.77	3.73	62	67.20	26.5	79.80		10.0	10.0
1953	80	3.79	3.64	65	63.38	23.9	66.80		9.0	9.0
1954	70	3.14	3.05	60	54.96	21.2	59.40		6.0	6.0
1955	65	2.91	2.90	60	51.06	20.0	64.00		No Program	
1956	70	3.09	2.99	65	53.76	21.0	53.40		"	
1957	64	2.92	2.94	65	52.13	20.5	52.30		"	
1958	64	2.78	2.69	65	53.89	21.0	53.20		"	
1959	60	2.38	3.00	65	53.50	20.9	52.40		"	
1960	62	2.38	2.65	66	53.50	20.9	62.50		"	
1961	74	2.80	3.26	62	63.34	24.0	87.30		"	
1962	76	2.90	2.83	84.5	63.34	24.0	122.07		"	
1963	75	2.90	2.78	75	63.34	24.0	65.50		"	
1964	76	2.90	2.82	72.6	63.34	24.0	61.70		"	
1965	75	2.90	2.80	69.8	63.34	24.0	60.50		"	
1966	73	2.90	2.89	68	63.34	24.0	57.90		"	
1967	73	2.90	2.95	68	63.34	24.0	66.10		"	5.0
1968	72	2.90	2.81	65	64.22	24.3	67.00		No Program	5.5
1969	64	2.75	2.65	65	68.25	25.6	61.40	8/74	5.5	5.5
1970	58	2.50	2.40	65	70.85	26.4	66.60	58	4.5	5.0
1971	57	2.50	4/ 2.41	65	73.45	27.2	5/70	57	4.5	5.0
1972	58	2.50							No Program	5.0

1/ Purchase price, basis grade except 1949 which is average grade. 2/ Beginning 1963 based on purchase price. Earlier years based on loan price. 3/ Beginning 1969, No. 1 grade soybeans; prior years No. 2 grade. 4/ Preliminary. 5/ ERS estimate. 6/ Farm basis. 7/ The castorbean production and procurement programs of 1951-54 provided for payment to the farmer of a minimum price or the market price for his castorbeans, whichever was the higher. 8/ The parity price concept was not used until the price support programs of 1968 to date. 9/ F.O.B. oil mills.

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Table 270.--Animal fats: Wholesale price per pound at specified markets, 1950-71

Year	Butter, 92-score, creamery		Lard, Chicago			Grease					Tallow			Oleo oil		Meat's-foot oil, 30° drums, carlots, New York		
	New York	Chicago	Prime steam			Chicago		Loose, New York			Inedible		Extra, Chicago	No. 1, New York	Oleo- stearine, drums, barrels, New York			
			Neutral	Tierces	Loose	Refined, 1-pound cartons	"A" white	Yellow	White	House	Edible, Chicago	Chicago					Special, New York	
	-- Cents --																	
1950	62.2	61.7	17.1	12.8	11.8	15.7	8.3	7.3		8.8		6.8	9.6	7.5	8.8	15.5	12.4	25.8
1951	69.9	69.2	23.5	17.4	16.1	20.4	11.4	10.1		12.2	10.1	13.7	10.6	12.1	11.4	22.1	18.2	36.4
1952	73.1	72.2	20.0	11.1	9.9	14.2	5.2	4.1		6.2	4.3	7.3	4.4	5.5	5.4	14.3	11.9	30.3
1953	66.5	65.9	21.0	12.7	11.9	15.5	5.0	3.6		5.1	3.8	7.5	3.7	4.4	4.5	13.5	9.2	29.8
1954	60.6	59.7	22.9	17.0	15.7	20.7	7.0	6.0		8.2	5.2	10.5	6.1	6.5	6.9	17.9	18.8	30.0
1955	58.2	57.4	17.4	11.8	10.6	15.1	7.2	6.6		8.4	1/6.6	9.0	6.5	7.2	7.4	14.5	15.0	30.0
1956	59.9	59.2	16.9	12.0	11.1	15.8	5.7	6.0		7.8		10.3	5.1	5.7	7.0	15.5	17.1	28.5
1957	60.8	59.7	17.7	13.0	12.3	15.9	7.4	6.7		9.3		11.9	6.8	7.4	7.7	18.4	19.0	28.0
1958	59.8	59.7	15.5	12.4	11.4	16.2	7.5	6.3		8.5		11.0	6.9	7.5	7.3	17.9	18.3	28.0
1959	50.5	59.3	2/15.4	3.3	7.9	12.9	6.2	5.5		7.0		7.9	5.4	6.1	6.1	15.9	14.5	28.0
1960	59.9	59.0		9.7	8.8	13.5	5.4	4.5		7.1		6.5	4.5	5.2	5.4	15.5	14.1	27.0
1961	61.2	60.5		10.2	9.5	15.1	6.1	5.4		8.2		9.2	5.4	5.9	6.2	16.5	3/	27.0
1962	59.5	58.5		8.8	8.7	14.7	5.2	4.5		6.2		8.8	4.5	5.1	5.3	16.5	3/	27.0
1963	59.1	58.2		8.7	3.1	14.0	5.4	4.7		6.9		8.0	4.7	5.2	5.5	16.9		27.0
1964	59.9	59.1		9.7	9.7	15.0	5.9	5.9		7.7		9.5	5.9	7.4	6.7	17.2		27.0
1965	61.2	60.2		11.7	11.7	17.3	7.8	7.2		8.4		11.4	7.2	7.8	8.0	18.2		27.0
1966	67.3	66.6		11.2	11.2	17.1	7.3	6.5		8.2		11.3	6.5	7.0	7.1	19.1		27.0
1967	67.7	66.7		7.8	7.8	13.5	5.5	4.5		5.9		7.5	4.5	5.1	5.4	4/19.8		27.0
1968	67.9	66.9		5.2	6.2	12.2	5.0	4.2		5.0		6.3	4.2	4.2	4.5			27.0
1969	68.5	67.6		9.7	9.7	15.4	6.9	6.0		5.0		9.3	6.0	6.4	5.8			27.0
1970 5/	70.6	69.4		11.6	11.6	16.8	8.0	7.3		7.7		11.2	7.1	7.7	7.5			27.0
1971 5/	59.4	68.4		10.7	10.8	15.7	7.6	6.7		7.6		10.8	6.5	7.2	7.1			27.0

1/ Average for 8 months, discontinued September 1955. 2/ Average for 8 months, discontinued June 1959. 3/ Discontinued December 1960. 4/ Average for 8 months, discontinued September 1967. 5/ No longer quoted. 6/ Preliminary.

Table 271.--Margarine, shortening and marine fats and oils: Wholesale price per pound at specified markets, 1950-71

Year	Margarine--1-pound cartons		Shortening			Marine fats and oils										
	White, Chicago		Colored		Containing animal fat, 1-pound cartons, Chicago	Hydrogenated, 400-pound drums, New York	Cod oil, New-found land, drums, New York	Cod-liver oil, U.S.P., barrels, New York	Degras, neutral, tanks, Baltimore	Menhaden oil		Sardine oil, crude, tanks, Pacific Coast	Sperm oil, winter, drums, New York			
	Animal fat	Domestic vegetable	Yellow quarters, Chicago	Delivered Eastern, U.S.						Light pressed, New York	Refined, drums			Tanks		
	-- Cents --															
1950	27.9	27.9	---	---	27.2	25.5	23.3	9.6	20.4	21.8	8.7	13.9	12.1	9.0	15.1	16.2
1951	31.8	31.8	---	---	33.1	31.8	27.9	2/15.4	25.3	21.5	14.0	19.4	17.8	2/13.6	18.1	19.1
1952	26.9	26.9	---	2/27.1	26.7	25.2	21.6	11.4	21.4	26.5	7.2	13.2	11.6	2/ 8.8	15.3	16.5
1953	---	24.4	2/28.3	27.8	27.9	26.1	22.9	9.8	20.2	29.5	6.9	12.3	10.8	---	12.9	14.0
1954	---	26.6	28.4	27.8	28.3	27.9	23.1	9.6	19.7	24.6	7.8	12.4	10.9	2/ 8.5	14.6	15.6
1955	---	26.0	28.0	27.3	27.2	26.9	21.3	10.8	19.5	22.5	8.2	12.0	10.5	8.8	15.8	16.8
1956	---	26.9	28.8	29.4	28.9	22.9	11.7	18.9	21.1	8.5	13.0	11.5	8.5	16.1	17.1	
1957	---	27.4	28.6	28.0	29.8	30.5	22.8	11.5	19.1	21.0	8.9	13.1	11.6	8.5	17.0	18.0
1958	---	26.5	27.5	26.9	27.9	30.1	21.2	9.9	18.8	21.0	8.0	12.4	10.9	---	16.2	17.2
1959	---	25.2	25.9	25.2	25.6	26.1	18.8	8.7	18.2	21.0	7.1	11.4	9.9	---	13.6	14.6
1960	---	22.2	24.4	23.8	24.8	---	18.6	8.4	18.2	3/16.6	6.5	11.3	9.8	---	14.4	15.4
1961	---	25.5	27.5	26.8	27.7	---	12.5	8.2	18.2	13.0	6.2	12.4	10.6	---	17.1	17.1
1962	---	24.3	25.7	25.6	25.0	---	20.4	8.1	17.8	4/20.9	4.6	12.1	10.1	---	17.1	18.1
1963	---	23.2	25.0	23.8	22.3	---	20.3	8.4	17.2	21.1	6.2	11.5	9.2	---	17.5	18.5
1964	---	23.4	25.4	24.1	22.5	---	21.5	10.0	18.2	33.4	8.7	13.3	10.7	---	16.8	17.8
1965	---	24.2	26.2	26.1	26.4	---	5/23.3	12.6	19.0	39.8	9.2	14.1	11.3	---	14.9	15.9
1966	---	23.2	26.2	26.6	27.1	---	21.8	11.0	19.5	28.5	9.4	14.8	11.3	---	14.5	15.5
1967	---	22.8	25.8	25.7	26.5	---	20.7	9.1	19.5	22.0	7.3	13.4	10.7	---	14.5	16.4
1968	---	21.2	23.9	25.6	25.5	---	20.8	8.2	19.5	22.0	5.0	12.5	9.6	---	14.5	17.5
1969	---	15.6	17.2	26.0	25.9	---	21.9	8.0	19.5	22.0	4.5	12.5	9.5	---	15.5	17.4
1970 6/	---	19.6	22.2	28.9	29.4	---	23.3	8.2	20.7	28.7	2/7.1	12.9	10.3	---	21.7	22.6
1971 6/	---	21.2	22.5	30.8	32.0	---	24.9	7/	22.4	43.7	9.4	13.0	10.5	---	28.0	29.0

1/ Converted from price per barrel on the basis of 230.4 pounds per barrel. 2/ Average for less than 12 months. 3/ Beginning February 1960, 400 pound drums. 4/ Beginning February 1962, quoted as Lanolin, Technical, Anhydrous, works. 5/ Beginning June 1965, quoted as 440-pound drums. 6/ Preliminary. 7/ No longer quoted.

Table 272.--Vegetable oils, glycerin and tall oil: Wholesale price per pound at specified markets, 1950-71

Year	Castor oil, New York				Coconut oil 2/			Corn oil			Cottonseed oil				Linseed oil, raw			Oiticica oil		Olive oil, drums, imported New York
	Babassu oil tanks New York	No. 3, drums	No. 1 tanks	Dehydrated tanks	Crude, tanks, f.o.b. Pacific Coast	Refined tanks, New York	Refined, deodorized drums, l.c.l. New York	Crude, tanks Decatur	Refined, edible drums, l.c.l. New York	Crude, tanks South eastern mills	Prime summer yellow, bleach, tank cars	Refined drums New York	Crude Valley points f.o.b. tanks	Crude Waco, Texas f.o.b. tanks	Foots, raw (50 percent T.F.A.) delivered East	Tank cars	Tanks	Tanks	Drums	
1950	18.7	20.4	20.4	24.0	18.4	19.4	---	16.0	15.1	15.8	18.0	22.1	15.7	---	2.2	16.5	17.1	4/20.2	21.7	34.8
1951	19.1	34.5	33.6	38.7	18.5	19.5	---	19.0	18.9	23.0	18.4	20.9	26.4	18.3	3.5	18.9	19.9	28.6	30.7	38.3
1952	4/13.1	29.7	28.9	34.0	13.6	14.8	---	13.3	13.3	18.8	12.8	15.1	19.5	12.8	1.1	15.9	17.0	23.9	25.4	29.6
1953	---	23.4	22.6	27.7	19.0	20.3	---	14.1	14.2	20.0	14.1	16.0	22.0	14.0	1.1	15.0	16.2	21.9	23.5	34.5
1954	---	17.9	17.2	21.8	16.2	17.2	---	14.0	14.0	20.9	13.5	15.5	20.9	13.3	1.7	14.6	15.8	16.5	18.3	30.1
1955	4/15.2	15.7	15.9	20.5	14.5	15.6	---	13.0	13.1	20.2	12.7	14.6	20.1	12.4	2.0	12.9	14.1	13.6	15.0	21.5
1956	---	5/17.6	19.2	23.8	14.2	15.4	---	14.1	14.1	20.8	13.7	15.8	20.5	13.6	1.6	14.1	15.4	15.0	16.4	46.0
1957	---	22.1	23.1	28.2	14.2	15.2	---	4/22.0	13.8	13.9	20.1	13.5	15.7	19.7	2.2	13.6	15.0	17.2	18.6	41.5
1958	---	20.3	21.0	27.3	14.6	15.8	---	23.4	13.4	13.4	4/20.1	12.7	14.5	19.4	1.5	13.8	15.3	16.7	18.2	32.7
1959	---	19.3	20.0	25.1	18.2	19.9	---	25.7	11.9	11.8	4/18.5	11.2	12.9	4/15.5	11.0	13.1	14.5	19.9	21.4	31.2
1960	---	19.3	20.0	25.0	14.3	16.1	---	22.4	13.1	13.1	---	9.9	11.8	---	9.9	9.7	1.4	13.1	14.2	15.1
1961	---	19.3	20.8	25.0	11.5	12.7	---	18.7	18.3	18.4	---	13.0	14.7	---	12.9	12.8	1.6	14.2	15.3	14.1
1962	---	19.0	20.0	25.1	10.8	11.8	---	16.6	14.6	14.6	---	11.5	13.3	---	11.4	11.2	1.8	14.2	15.3	16.9
1963	---	18.8	20.0	25.1	11.8	12.6	---	16.2	12.1	12.0	---	10.4	12.1	---	10.2	10.1	1.6	12.7	13.8	28.4
1964	---	15.9	17.4	25.1	13.0	13.8	---	17.3	11.1	11.0	---	10.3	11.7	---	10.3	10.3	1.5	13.4	14.5	20.0
1965	---	5/13.2	15.4	24.6	14.9	15.9	---	22.0	14.0	14.2	---	11.7	13.1	---	11.6	11.6	7/	13.4	14.5	21.6
1966	---	15.0	7/	25.0	12.2	13.3	---	20.3	16.1	16.1	---	14.3	15.9	---	14.1	14.1	---	12.8	13.8	19.2
1967	---	19.2	---	27.3	13.5	14.5	---	21.5	12.4	12.4	---	11.8	13.5	---	11.8	11.7	---	12.9	14.0	17.0
1968	---	20.6	---	31.4	16.7	17.5	---	4/17.3	15.2	15.2	---	13.1	14.2	---	13.0	12.7	---	12.7	13.8	10.4
1969	---	15.2	---	29.0	13.6	13.8	---	15.6	23.5	14.0	---	11.0	12.6	---	10.8	10.7	---	12.0	13.1	12.6
1970 8/	---	15.5	---	28.0	15.3	17.1	---	18.4	20.9	16.5	---	13.5	7/	---	13.4	13.2	---	11.0	12.0	16.5
1971 8/	---	17.2	---	28.4	13.6	14.5	---	16.1	25.0	19.8	---	15.3	---	---	15.2	14.9	---	8.9	10.3	16.3

Year	Olive oil, drums, New York		Palm oil		Peanut oil		Soybean oil		Safflower oil		Tung oil		Glycerine		Tall oil							
	Inedible (denatured)	Foots, prime	Drums, New York	Tank-wagons, New York	Crude, tanks, S.E. mills	Refined, tanks, New York	Repe-seed oil, refined, denatured, tank cars, New York	Sesame oil, refined, drums, Decatur, Ill.	Crude, tank cars, Decatur, Ill.	Re-fined, drums, New York	Clari-fied, tanks, New York	Tanks, f.o.b., East Coast	Drums, l.c.l., New York	Imported New York	Domestic	Refined, tanks, New York	Crude tanks works	Refined tanks works				
1950	4/25.1	14.5	14.6	---	---	17.3	23.6	18.0	31.6	14.0	18.5	---	4/15.4	4/18.4	26.7	25.5	25.3	29.7	---	---	2.1	5.1
1951	---	19.0	23.1	---	---	20.2	25.6	25.2	37.6	16.8	22.8	---	4/19.2	---	40.0	38.4	39.1	42.0	---	---	3.1	5.8
1952	25.8	15.8	13.8	---	---	17.0	23.7	19.2	36.8	11.0	16.0	---	15.8	16.9	40.4	38.8	38.0	23.3	35.1	---	2.8	5.2
1953	30.2	15.0	12.2	---	---	21.1	30.2	16.8	36.0	12.4	19.3	---	15.2	16.7	29.3	27.7	27.1	27.4	41.3	---	2.2	5.0
1954	---	---	12.5	---	---	18.2	25.6	16.9	36.0	13.3	19.9	---	16.8	18.3	23.9	22.4	23.6	20.1	30.8	---	2.0	5.0
1955	---	---	13.0	---	---	17.6	24.6	16.2	36.0	11.6	18.4	---	17.1	18.6	25.8	24.3	23.5	20.6	30.6	---	2.4	5.2
1956	---	---	15.0	---	---	15.9	22.4	19.0	37.3	13.2	18.9	---	16.1	17.8	25.8	24.3	24.1	16.7	30.7	---	2.5	5.2
1957	---	---	15.2	---	---	15.1	21.7	18.1	38.0	12.2	18.1	14.4	15.8	17.8	24.7	23.2	22.6	15.2	29.3	---	2.5	5.2
1958	---	---	14.4	---	---	16.3	22.5	15.7	38.0	10.5	16.2	12.6	16.0	18.0	22.8	21.3	21.2	16.0	29.3	---	2.8	5.5
1959	---	---	14.6	4/12.3	4/16.4	12.6	4/22.3	13.3	38.0	9.0	4/14.6	10.8	15.8	17.8	24.3	21.8	22.0	18.4	27.9	28.2	2.8	5.5
1960	---	---	14.2	11.6	14.1	15.1	---	13.0	37.9	8.8	---	10.6	15.5	17.5	24.1	22.3	22.0	18.5	29.0	29.3	2.8	5.3
1961	---	---	14.6	11.8	11.2	16.1	---	16.4	37.0	11.5	---	13.3	17.2	19.1	29.4	27.7	27.6	13.2	25.4	25.7	3.2	7.1
1962	---	---	13.9	11.6	10.9	16.4	---	14.4	37.0	9.0	---	10.9	18.9	20.9	39.4	37.4	36.9	10.7	21.5	21.8	3.5	7.5
1963	---	---	14.0	11.6	12.5	11.7	---	13.3	35.8	8.9	---	10.8	14.8	16.8	39.3	37.4	36.9	10.5	18.8	19.0	3.6	7.5
1964	---	---	14.2	11.8	13.3	12.9	---	14.1	33.0	9.2	---	11.0	12.8	12.8	27.0	25.0	25.5	13.8	22.2	22.5	3.6	7.5
1965	---	---	15.8	13.4	15.4	13.5	---	15.4	33.0	11.2	---	13.2	15.3	---	27.8	25.8	25.9	12.7	22.2	22.8	3.5	7.5
1966	---	---	15.1	12.7	12.9	13.7	---	15.4	34.8	11.6	---	13.7	16.2	---	23.3	21.0	24.0	14.4	23.7	23.9	3.2	7.5
1967	---	---	14.8	12.6	13.1	11.9	---	15.2	39.2	9.6	---	11.7	14.6	---	16.5	14.4	24.0	15.1	25.0	25.1	3.1	7.5
1968	---	---	14.5	12.0	17.6	13.2	---	14.4	36.0	8.2	---	10.5	14.7	---	15.4	11.8	24.0	16.3	25.6	25.8	3.4	7.5
1969	---	---	12.5	11.2	7/	13.7	---	13.8	35.0	9.1	---	10.6	15.6	---	17.1	15.1	24.0	16.2	23.6	23.7	3.4	7.5
1970 8/	---	---	15.9	13.2	---	15.9	---	16.4	38.2	12.0	---	14.1	16.3	---	25.6	22.3	24.0	7/	20.6	21.7	3.5	8.2
1971 8/	---	---	15.1	13.3	---	17.4	---	17.5	39.0	12.6	---	16.0	18.3	---	20.8	13.8	24.0	---	21.8	22.5	3.8	8.5

1/ Brazilian, imported. 2/ Beginning August 30, 1957 the 3-cent per pound processing tax was suspended. 3/ Includes 1-cent import duty. 4/ Average for less than 12 months. 5/ Beginning April 1956, quoted as tanks. 6/ Beginning August 1965, quoted as No. 1, tanks. 7/ No longer quoted. 8/ Preliminary.

Table 273.--Oilseed and fish meals: Wholesale price per short ton, specified cities, 1950-71 1/

Year	Copra meal, Los Angeles		Cottonseed meal, 41 percent protein				Fish meal			Linseed meal		Peanut meal, 50 percent protein	Safflower meal, 20 percent protein	Soybean meal				
	Los Angeles	Memphis	Chicago	Atlanta	Fort Worth	Los Angeles	Los Angeles	New York	Minneapolis	New York	f.o.b. South-eastern mills	San Francisco	Chicago	Bulk, Decatur	Atlanta	Memphis	Decatur	Memphis
	-- Dollars --																	
1950	65.30	68.25	77.60	71.25	69.30	67.50	139.70	67.50	80.85	69.20	---	74.75	64.20					
1951	73.60	78.80	88.60	77.35	85.50	77.60	148.50	66.50	81.60	74.00	---	80.65	67.90					
1952	88.70	89.00	1/95.75	85.40	95.45	84.30	144.80	79.15	95.15	91.75	---	5/92.20	5/83.80					
1953	77.75	65.30	75.90	68.00	71.55	68.20	145.35	68.55	86.60	70.75	---	76.30	64.30					
1954	66.60	69.70	79.15	75.20	70.95	69.85	138.85	70.95	85.90	81.65	---	90.85	79.70					
1955	72.15	60.40	70.90	63.40	67.10	67.75	145.90	63.90	82.00	69.40	---	67.60	56.85					
1956	65.95	51.80	62.20	56.30	59.40	59.80	131.30	52.50	72.30	51.60	---	57.90	51.30	64.20	53.45	59.45		
1957	59.95	50.85	62.05	56.95	55.30	58.80	123.65	49.80	70.95	45.95	---	54.00	47.05	58.95	49.35	53.90		
1958	65.00	58.55	68.70	65.00	56.30	52.30	134.20	53.85	74.90	58.45	---	62.55	55.95	67.25	59.10	63.95		67.10
1959	77.95	60.10	71.85	63.70	65.30	70.60	129.85	69.30	87.10	58.05	---	60.70	56.45	66.20	60.20	61.90		65.65
1960	71.10	54.25	65.25	59.30	60.95	63.50	92.50	55.30	73.35	53.50	1/30.00	56.75	53.10	62.15	55.50	57.95		60.35
1961	64.30	57.75	66.80	63.05	61.05	53.05	105.95	55.80	73.50	59.25	29.70	66.90	63.15	70.80	64.40	69.15		70.35
1962	77.80	61.10	69.45	66.50	66.60	74.05	116.70	69.40	87.40	63.70	30.50	70.40	66.50	74.80	68.60	72.70		75.20
1963	80.75	67.70	76.85	72.45	73.70	75.10	115.20	65.80	83.95	67.70	35.90	76.55	72.50	80.70	74.00	78.60		80.50
1964	73.95	60.25	67.95	64.35	65.30	67.20	123.60	66.50	74.15	61.65	29.80	73.35	69.15	77.30	72.15	77.00		80.70
1965	80.50	60.10	68.70	64.90	63.70	70.05	150.30	64.10	80.75	70.10	30.75	75.85	71.45	79.65	74.10	80.75		84.65
1966	84.65	76.70	84.95	81.75	78.20	75.45	144.50	77.10	93.55	83.20	35.25	88.15	83.80	91.00	86.10	91.85		96.00
1967	80.50	76.85	84.45	80.35	79.95	82.25	123.05	72.75	93.45	79.55	31.05	80.85	76.45	83.80	79.05	83.45		87.60
1968	82.65	74.95	84.00	77.20	75.25	76.45	126.25	75.90	94.70	83.05	29.75	81.90	77.45	84.45	79.20	85.00		87.30
1969	75.40	66.00	75.30	69.20	68.30	68.40	142.40	67.70	88.50	77.10	35.40	79.10	74.50	81.90	75.90	82.80		85.40
1970 1/	79.20	73.80	85.10	78.70	81.75	90.20	164.10	185.80	67.15	88.30	82.05	40.65	84.35	79.20	87.15	78.45		91.55
1971 1/	6/	72.05	83.85	76.45	80.80	95.00	141.70	165.50	62.40	1/86.50	75.20	40.25	83.65	77.85	86.55	80.00		88.60

1/ 1950-55 quoted as Bagged, cartlots; beginning 1956 prices are on a "bulk" basis. 2/ 35 percent protein July 1950-July 1954; 34 percent protein August 1954 to date. 3/ 34 percent protein. 4/ Average for less than 12 months. 5/ Quoted as "mixed" April-September 1952. During these months a large volume of soybean meal mixes, consisting of soybean meal mixed with other products such as corn, were sold as there was no price ceiling on this type of product. 6/ Prices no longer quoted. 7/ Preliminary.

Table 274.--Fats and oils, salad dressing, and peanut butter: Retail price per pound, leading cities United States, 1950-71

Year	Butter	Margarine		Lard	Shortening 1/	Cooking and salad oils	Salad dressing	Peanut butter
		Colored	Uncolored					
-- Cents --								
1950	72.9	2/32.8	30.8	19.1	32.8	---	34.7	---
1951	81.9	34.7	37.3	24.6	39.1	---	38.7	---
1952	85.5	29.4	2/33.0	18.4	33.3	---	34.9	---
1953	79.0	29.4	3/	20.2	34.0	---	34.5	49.0
1954	72.4	29.9	---	25.2	35.2	---	35.9	49.3
1955	70.9	28.9	---	20.8	32.8	---	35.3	54.4
1956	72.1	28.9	---	19.8	31.8	---	35.3	53.6
1957	74.3	29.9	---	22.7	32.7	---	37.2	53.6
1958	74.2	29.4	---	22.6	31.5	---	37.8	55.5
1959	75.3	28.0	---	19.9	29.4	---	37.6	55.7
1960	74.9	26.9	---	19.0	27.3	---	36.0	55.5
1961	76.3	28.6	---	20.8	30.0	---	37.4	55.8
1962	75.2	28.4	---	20.1	29.6	---	38.3	57.4
1963	75.0	27.5	---	19.9	27.8	---	38.1	57.7
1964 4/	74.4	26.0	---	2/20.1	26.3	32.0	5/74.1	58.4
1965	75.4	27.9	---	3/	29.3	34.9	74.4	59.9
1966	82.2	28.7	---	---	30.0	38.6	75.4	60.0
1967	83.7	28.6	---	---	29.4	38.0	75.3	59.1
1968	83.6	27.9	---	---	28.0	35.4	75.4	58.7
1969	84.6	27.8	---	---	27.5	34.7	7	61.2
1970 6/	85.6	29.8	---	---	29.6	37.7	76.5	63.7
1971 6/	87.6	32.7	---	---	32.2	42.2	81.2	66.0

1/ Other than cartons. 2/ Average for less than 12 months. 3/ Series discontinued. 4/ New series consumer price index revised January 1964. 5/ Italian only beginning 1964. 6/ Preliminary.

Table 275.--Oil-bearing crops: Index numbers of prices received by farmers, United States, by months, 1950-71 1/
(1967=100)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average
1950	83	83	83	87	90	92	97	106	110	109	127	133	100
1951	174	137	140	139	138	130	115	107	104	107	111	112	123
1952	110	107	103	101	101	105	112	112	110	108	107	108	107
1953	105	103	108	107	106	103	95	95	92	94	99	104	101
1954	104	107	113	120	122	120	119	116	99	99	100	100	110
1955	100	100	97	95	93	92	90	88	80	82	82	83	90
1956	85	88	92	98	107	103	94	91	83	86	92	92	93
1957	93	91	92	91	91	89	89	90	86	82	83	83	88
1958	83	82	83	85	84	85	83	83	79	77	76	78	82
1959	79	80	81	82	83	83	80	78	74	75	78	78	79
1960	78	78	77	78	79	78	77	76	75	76	77	79	77
1961	84	91	95	101	104	95	95	94	88	88	88	91	93
1962	91	92	91	92	92	92	89	89	85	86	88	89	90
1963	81	93	93	92	93	94	92	88	92	94	95	99	94
1964	97	95	94	91	89	89	89	88	92	94	95	99	96
1965	100	102	102	102	99	99	97	93	92	88	89	92	93
1966	97	100	99	100	103	106	114	122	111	106	107	107	106
1967	106	104	104	104	103	104	101	97	96	94	95	96	100
1968	97	99	98	98	98	97	97	96	92	91	92	93	96
1969	93	94	94	95	96	95	95	90	85	87	87	88	91
1970	90	91	91	93	93	96	99	97	99	103	104	103	97
1971	106	107	106	104	105	108	113	112	108	108	105	108	106
1972	107	109	114	118									

1/ Includes soybeans, cottonseed, flaxseed and peanuts.

Table 276.--Fats and oils: Index numbers of wholesale and retail prices, leading markets, United States, 1950-71
(1967=100)

Year	All fats and oils					Grouped by use						Grouped by degree of processing					
	Grouped by origin					Food						Industrial					
	1957=100 (New base)	All fats and oils except butter	Animal fats	Vegetable oils, domestic	Vegetable oils, foreign	Butter	Lard	Margarine	Food fats other than butter	Food fats other than lard	All edible fats and oils	Soap fats	Drying oils	All industrial	Crude	Refined	End products
Factor 1/	1.0526	1.1990	1.0352	1.1062	1.0000	.8826	1.3495	.9911	1.1848	1.1299	1.0060	1.2642	1.1013	1.2106	1.1148	1.0034	.9804
1950	116.5	141.8	110.8	140.4	100.1	90.3	151.7	106.5	141.7	141.5	110.1	147.7	123.7	139.5	141.4	124.5	99.8
1951	140.5	179.3	134.3	165.2	119.2	102.6	206.3	120.5	176.9	167.3	129.9	186.7	161.7	178.9	165.8	149.0	117.6
1952	114.1	115.7	114.6	117.4	94.9	107.1	126.3	102.0	115.5	113.8	113.7	98.2	140.1	113.9	113.4	109.8	96.8
1953	112.9	125.9	107.5	127.1	109.6	96.8	152.2	103.6	134.1	129.2	112.4	107.6	123.0	113.4	129.4	125.2	101.3
1954	113.4	138.1	111.3	124.2	90.2	87.6	200.8	103.3	151.3	129.9	111.3	122.5	112.3	119.2	128.5	125.1	102.9
1955	102.9	119.3	101.3	115.3	79.6	85.0	135.9	101.5	121.9	117.5	99.4	122.1	99.3	114.5	116.4	118.1	98.6
1956	107.7	125.8	103.1	127.2	81.9	87.6	141.4	104.3	132.0	129.6	105.2	116.7	111.0	115.4	128.1	121.8	103.3
1957	110.1	129.6	108.1	121.6	90.7	88.5	158.0	104.2	133.2	124.6	106.1	126.5	116.0	123.5	122.9	116.3	104.2
1958	106.8	123.9	105.3	111.8	98.2	87.5	145.5	100.1	122.6	114.1	101.5	132.9	110.2	125.2	112.4	112.6	100.3
1959	98.8	106.2	97.2	98.5	111.1	88.8	101.5	93.2	99.6	100.2	94.3	119.8	104.2	114.5	99.2	96.1	89.6
1960	95.6	100.1	96.0	93.1	95.5	88.2	112.8	88.6	98.2	93.1	3.4	100.9	103.5	101.7	91.9	94.0	82.7
1961	103.9	113.9	101.0	116.5	87.3	89.3	122.8	100.7	116.4	114.5	101.7	106.8	118.2	109.7	114.4	117.3	100.7
1962	94.9	99.4	95.2	96.6	86.9	87.8	111.1	96.5	99.6	96.6	93.3	93.2	116.0	98.7	94.3	100.8	95.4
1963	94.0	93.3	94.4	92.3	92.5	87.2	106.1	92.0	95.7	92.2	91.2	99.0	110.0	102.1	91.3	91.2	86.3
1964	101.2	110.0	102.9	94.7	95.2	88.2	124.4	93.2	103.9	96.4	95.6	122.3	104.0	119.1	94.2	89.1	87.7
1965	112.7	129.5	112.5	111.5	109.0	90.5	149.3	101.1	124.5	115.4	105.5	142.9	109.4	116.8	112.6	105.1	99.2
1966	115.3	126.3	115.1	119.6	92.6	130.3	142.9	103.1	126.9	121.5	113.9	128.4	106.8	124.8	119.5	117.8	102.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	94.4	90.9	94.6	93.1	118.5	100.1	79.5	99.0	90.5	93.6	95.6	90.9	94.4	91.3	94.2	102.3	98.2
1969	103.1	104.2	110.4	92.6	102.5	101.0	123.6	100.9	101.2	94.9	101.2	111.0	91.3	108.0	93.1	97.8	101.6
1970	119.7	129.4	122.2	118.5	127.3	103.9	148.8	112.3	128.4	122.5	115.7	135.5	102.4	130.6	120.9	117.6	111.8
1971	119.9	130.7	118.2	125.8	108.0	102.3	137.4	120.0	131.4	129.6	116.4	135.2	95.2	129.2	128.8	134.8	121.1

1/ Factor by which old index 1957-59 base must be multiplied to be linked to 1967 base.

Table 277.--Oil-bearing materials: U.S. conversion factors relating to yield of oil and meal per unit crushed 1/

Oil bearing material	Unit	Factors for obtaining --					
		Crude oil yield		Loss in refining		Cake or meal yield	
		Pounds	Percent	Pounds	Percent	Pounds	Percent
Babassu kernels'	Short ton	1,260	63.0	75.6	6.0	---	---
Castor beans <u>2/</u>	"	900	45.0	<u>3/</u>	<u>3/</u>	1,080	54.0
Copra (coconut oil)	"	1,280	64.0	84.9	6.6	704	35.0
Corn germ <u>4/</u>	"	1,000	50.0	75.0	7.5	1,000	50.0
Cottonseed	"	329	16.4	19.4	5.9	930	46.5
Flaxseed (linseed) <u>5/ 6/</u>	Bu. (56 lb.)	20.5	36.6	<u>7/5.7</u>	<u>7/2.8</u>	36.5	65.2
Mustard seed	Short ton	460	23.0	<u>3/</u>	<u>3/</u>	---	---
Olives	"	300	15.0	<u>3/</u>	<u>3/</u>	---	---
Palm kernels	"	940	47.0	63.0	6.7	1,020	51.0
Peanuts <u>6/</u> :							
Farmers' stock	"	625	31.3	25.6	4.1	840	42.0
Shelled peanuts <u>8/</u>	"	832	41.6	34.1	4.1	1,118	55.9
Rapeseed	"	700	35.0	N.A.	N.A.	1,200	60.0
Safflower seed	"	720	36.0	<u>3/</u>	<u>3/</u>	1,230	61.5
Sesame seed	Bu. (56 lb.)	26.3	47.0	<u>3/</u>	<u>3/</u>	27.3	48.7
Soybeans <u>6/</u>	Bu. (60 lb.)	10.7	17.8	.43	4.0	47.5	79.2
Sunflower seed	Short ton	800	40.0	N.A.	N.A.	1,200	<u>9/60.0</u>
Tung nuts (fruit basis) <u>10/</u> :	"	318	15.9	<u>3/</u>	<u>3/</u>	---	---

1/ Based on 1966-70 crop year averages for soybeans, cottonseed, flaxseed and peanuts. 2/ Castor oil is reported also as dehydrated. To convert crude to dehydrated, multiply by 0.88; to convert dehydrated to crude, multiply by 1.136. 3/ Not customarily reported as refined oil. 4/ Includes both wet and dry processing. The wet process accounts for about 85% of the total crush. 5/ Total outturn per bushel of flaxseed processed may exceed 56 pounds since some mills add flaxseed screenings to the meal. 6/ See separate tables on flaxseed, peanuts, and soybeans for additional factors. 7/ Customarily, linseed oil is refined from raw (degummed) oil rather than crude. The loss in refining is about 2.5%. 8/ Straight run peanuts included shelled No. 1 and 2 grade and oil stock. Estimated oil content of peanuts exported averages about 43.5%. Some additional shells are added to residue to produce cake and meal. 9/ Includes about 42% meal and 18% hulls. 10/ 15% moisture.

Table 278.--Vegetable oils and products: Conversion factors relating to crude and refined oils and to pounds and gallons, by specified oils and products

Oil or product	Factors for obtaining--			
	Refined oil from crude oil	Equivalent crude oil from refined oil	Pounds from gallons	Gallons from pounds
Oil				
Babassu oil	0.94	1.06	7.5	.133
Castor oil	1/	1/	8.0	.125
Coconut oil	.93	1.08	7.5	.133
Corn oil	.93	1.08	7.7	.130
Cottonseed oil	.94	1.06	7.7	.130
Fish oil (menhaden)	1/	1/	7.7	.130
Grain screenings	1/	1/	7.7	.130
Linseed oil	1/	1/	7.7	.130
Marumuru oil	1/	1/	7.5	.133
Mustardseed oil	1/	1/	7.7	.130
Oiticica oil	1/	1/	7.8	.128
Olive oil	1/	1/	7.6	.132
Ouricuri oil	1/	1/	7.5	.133
Palm oil	.93	1.08	7.7	.130
Palm kernel oil	.93	1.08	7.5	.133
Peanut oil	.96	1.04	7.7	.130
Perilla oil	1/	1/	7.7	.130
Rapeseed oil	1/	1/	7.7	.130
Safflower oil	1/	1/	7.7	.130
Sesame seed oil	1/	1/	7.7	.130
Soybean oil	.96	1.04	7.7	.130
Sunflower seed oil	1/	1/	7.7	.130
Tucum oil	1/	1/	7.5	.133
Tung oil	1/	1/	7.8	.128
Product				
Cooking and salad oils	---	---	7.4	0.135
French dressing	---	---	8.7	.115
Mayonnaise	---	---	8.0	.125
Oil and vinegar dressing	---	---	8.4	.119
Salad dressing	---	---	8.7	.115
Sandwich spread	---	---	8.7	.115

1/ Not customarily reported as refined oil.

Additional factors:

A standard tank car usually contains about 60,000 pounds or 8,000 gallons of oil.

A jumbo tank car usually contains about 150,000 pounds or 20,000 gallons of oil.

A standard size oil-drum contains 55 gallons of oil.

Table 279 --Soybean products: Factors relating to yields of selected items

Product	Factors for obtaining--				
	Pounds of product from pound of soybeans	Equivalent pounds of soybeans from pound of product	Pounds of product from bushel of soybeans	Equivalent bushels of soybeans from pound of product	Pounds of product from short ton of soybeans
Soybean oil, crude <u>1/</u>	.178	5.62	10.7	.093	356
Soybean oil, refined <u>1/</u>	.171	5.85	10.3	.097	342
Soybean cake or meal <u>1/</u>	.792	1.26	47.5	.0211	1,584
Flour, flakes or grits					
Full fat	.833	1.20	50.0	.02	1,666
Low fat	.592	1.69	35.5	.028	1,184
Defatted (industrial)	.558	1.79	33.5	.03	1,116

1/ 1966-70 crop-year average.

Table 280.--Flaxseed products: Factors relating to yields of selected items

Product	Factors for obtaining--				
	Pounds of product from pound of flaxseed	Equivalent pounds of flaxseed from pound of product	Pounds of product from bushel of flaxseed	Equivalent bushels of flaxseed from pound of product	Pounds of product from short ton of flaxseed
Linseed oil, crude <u>1/</u>	.366	2.73	20.5	.0488	732
Linseed oil, refined	.266	3.76	14.9	.0671	532
Linseed cake or meal <u>1/</u>	.652	1.53	36.5	.0274	1,304

1/ 1966-70 crop-year average.

Table 281.--Oilseeds: Average yield per harvested acre 1/

Oil-bearing material	Yield per acre			
	Bushels of product <u>2/</u>	Pounds of product	Pounds of crude oil produced	Pounds of cake or meal produced
Castor beans	3/	1,600	720	865
Cottonseed	4/	800	130	370
Flaxseed	11.2	625	230	410
Peanuts (farmers' stock)	5/	1,800	560	750
Soybeans	26.2	1,570	280	1,245

1/ Yields of oilseeds are 5-year, 1966-70, averages except for castor beans. Yields of oil and cake or meal are based on the 5-year average yields of oilseeds converted to oil and cake or meal equivalents on the basis of the 5-year, 1966-70, crop year average percentage outturns, as follows:

Oil outturn:

Castor beans, 45.0% (estimated); cottonseed, 16.4%; flaxseed (linseed oil), 36.6%; peanuts, 31.0%; soybeans, 17.8%.

Cake or meal outturn:

Castor beans, 54.0% (estimated); cottonseed, 46.5%; linseed, 65.2%; peanuts, 41.6%; soybeans, 79.2%.

2/ Bushel weight: Flaxseed, 56 pounds; soybeans, 60 pounds. 3/ Castor beans usually are reported in short tons. Yield per acre is about 0.800 short tons.

4/ Cottonseed usually is reported in short tons. Yield per acre is 0.400 short tons. 5/ Peanuts frequently are reported in short tons. Yield per acre is 0.900 short tons.

Table 282.--Food fats and oils products: Size of servings, quantities to purchase for 100 servings and measures

Product	Approx. size of serving	Approx. quantity to purchase for 100 servings	Measures
Table fat:			
Butter	1 teaspoon	1.04 pounds	1 lb. = approx. 2 cups
Margarine			
Salad dressing:			
Mayonnaise	1 tablespoon	1.6 quarts	1 gal. = approx. 8 lbs.
Cooked French			
Peanut butter	4 tablespoons	14.1 pounds	1 lb. = approx. 1 1/4 cups
Peanuts, roasted, shelled	4 tablespoons approx. 1.6 oz.	10 pounds	1 lb. = approx. 2 1/2 cups

SOURCE: Food Buying Guide for type A School Lunches, 1972, Food and Nutrition Service, USDA.

Table 283.--Peanuts and peanut products: Conversion factors for selected items

For obtaining --	Factors
Peanuts, unshelled: <u>1/</u>	
Cleaned unshelled stock from farmers' stock <u>2/</u>	1.00
Equivalent farmers' stock from cleaned unshelled stock <u>2/</u>	1.00
Peanuts, shelled: <u>1/</u>	
Equivalent farmers' stock from total shelled peanuts	1.33
Total shelled peanuts from farmers' stock .....	.7519
Shelled oil-stock peanuts from farmers' stock (oil stock pickouts and straight run ungraded peanuts) .....	.168
Shelled edible peanuts from farmers' stock <u>3/</u>.....	.584
Equivalent farmers' stock from shelled edible peanuts <u>3/</u>	1.71
Peanut butter:	
Peanut butter from farmers' stock peanuts .....	.555
Equivalent farmers' stock peanuts from peanut butter	1.80
Peanut butter from shelled edible peanuts <u>4/</u>.....	.95
Equivalent shelled edible peanuts from peanut butter	1.05
Pounds of peanut butter from short tons of farmers' stock	1,110
Equivalent short tons of farmers' stock from pounds of peanut butter .....	.00090
Oil, oilcake, and meal: <u>1/</u>	
Yield per short ton of farmers' stock: <u>5/</u>	
Pounds of crude peanut oil	625
Pounds of peanut cake or meal.....	840
Estimated product outturn per short ton of shelled peanuts crushed:	
Pounds of crude peanut oil	832
Pounds of peanut cake and meal <u>6/</u>	1,118

- 1/ Based on 1966-1970 crop averages.
2/ Beginning 1966 crop year, "farmers' stock" peanuts are reported in terms of "net weight" so no adjustments are necessary.
3/ Excludes shelled oil stock peanuts.
4/ Including additives.
5/ Yields from farmers' stock are provided for statistical convenience. In actual practice, only the shelled peanuts are crushed for oil. Some of the shells are then added to the residue to produce the cake and meal.
6/ Some additional shells are added to the residue to produce cake and meal.

Table 284--Food products: Conversions factors
obtaining fat content of selected items

Product	Factors
Edible fats and oils:	
Butter .....	.81
Margarine .....	.81
Cooking and salad oils	1.00
Lard	1.00
Oleo stock and oleo stearin	1.00
Shortening	1.00
Other foods:	
Custard or pudding mix .....	.05
French fries .....	.13
Mayonnaise .....	.80
Peanuts, salted <u>1</u>/ .....	.48
Peanut butter .....	.50
Potato chips and shoestring potatoes .....	.40
Salad dressing .....	.40
French dressing .....	.40
Italian dressing .....	.60
Dairy products and substitutes:	
Ice cream .....	.11
Cream substitutes:	
coffee whitener (creamer):	
dry .....	.36
liquid .....	.11
Whipped cream:	
liquid .....	.38
pressure can .....	.23
whipped .....	.38
Baking mixes:	
Biscuit .....	.13
Bread or doughnut .....	.05
Cake .....	.12
Gingerbread .....	.10
Pie crust .....	.33
Baked goods:	
Biscuits .....	.08
Bread .....	.02
Cake .....	.15
Cookies .....	.12
Crackers .....	.12
Doughnuts .....	.22
Pies .....	.10
Pizza .....	.18
Puddings, plum or fruit .....	.07
Rolls .....	.04

1/ The unroasted peanut contains from 45 to 50% fat. Approximately 2% fat is added during the roasting process.

GLOSSARY OF FATS AND OILS TERMS

Oilseed Processing and Rendering

Oilseed processing—The procedures involved in removing oil from oilseeds. There are 3 basic types of processes—solvent extraction, mechanical processing, and hydraulic pressing.

Solvent extraction—A process which usually uses hexane as a solvent to extract oil from oil-bearing materials. The residual oil left in extracted soybean flakes or meal can be reduced to 1 percent or less. In the United States nearly all soybeans are processed by solvent extraction. A substantial part of the cottonseed, flaxseed, and other oilseeds is handled by this method.

Mechanical processing—A continuous pressing process at elevated temperatures using expellers or screw presses. A rotating worm shaft within a pressing cylinder or cage is used to express the oil from the oil-bearing material. The oil content of the resulting press cake is about 4-6 percent.

Hydraulic pressing—An intermittent batch pressing operation using elevated temperatures in a hydraulic press which forces oil from oilseeds. The residual oil left in the oilseed cake is about 5-10 percent. This method is no longer used in the United States to any appreciable extent.

Fat splitting (hydrolysis of fat)—A process to obtain separately fatty acids and glycerin from vegetable oils or animal fats by use of heat, water, and a catalyst or enzyme. At temperatures of 100-150 degrees centigrade, fats (triglycerides) and water in the presence of lime, zinc, magnesia, or other catalysts are soluble and "splitting" the glycerin from the fatty acid occurs rapidly.

Wet milling—The manufacturing process which separates the corn germ, hull, gluten, and starch from the corn kernel with water as the suspension medium. Corn starch is the main product. The corn germ is the raw material processed to obtain corn oil.

Rendering—The process of separating animal fat from tissue and cellular structure by the application of heat, pressure, solvent, or combination of these.

¹Terms and definitions widely used by the fats and oils trade in conjunction with production, processing, marketing, and utilization of oilseeds, fats and oils, protein meals, other products and competitive commodities. The treatment does not pretend to be all-inclusive. Not listed are many technical and chemical terms dealing with the numerous intermediate processed products that are widely marketed by the industry. For a comprehensive glossary of foreign trade terms, see "Dictionary of International Agricultural Trade, AH-411, Foreign Agricultural Service, April 1971."

Oil Mill and Renderers' Products

Crude vegetable oil—Extracted vegetable oils that have had no further processing or refining except possibly that of being degummed or filtered, settled, or both.

Degummed oil—The product resulting from washing crude vegetable oil with water and/or steam for a specified period of time and then centrifuging the oil-and-water mixture to remove the phosphatides, etc. The Bureau of the Census requires crushers degumming crude soybean oil to report the production of crude oil in terms of degummed weight.

Lecithin—The mixed phosphatides product obtained from vegetable oils in the degumming process. Soybean lecithin contains lecithin, cephalin and inositol phosphatides, together with glycerides of soybean oil and traces of tocopherols, glucosides, and pigments. Soybean lecithin is added to many food products for its emulsifying and antioxidant properties.

Oilseed meals—The product obtained by grinding the cake, chips, or flakes which remain after removal of most of the oil from oilseeds. Oilseed meals are mainly a feedstuff for livestock and poultry. They are also used as a raw material for producing edible vegetable protein products.

Oilseed hulls—The outer covering of oilseeds.

Soybean millfeed—A byproduct resulting from the manufacture of soybean flour or grits, composed of soybean hulls and the tailings of the mill.

Linters, cotton—The short fuzz or fibers adhering to the seed that are removed by delinting machines as the first step in processing cottonseed for oil.

Tallow and grease—Fat rendered from livestock and poultry byproducts and animal wastes salvaged for rendering. Titre (hardness or softness of fat) distinguishes tallow from grease. An animal fat is tallow if its titre is 40 degrees C or higher and grease if its titre is below 40 degrees. Most tallow is rendered from beef fat. Cattle slaughter probably provides over three-fourths tallow production. Grease, obtained mainly from pork fat, depends largely on hog slaughter. Census Bureau reports on production, consumption, and stocks do not show separate statistics for tallow and grease.

Meat meal and meat and bone meal—Meat meal is the finely ground dry-rendered residue from animal tissue. If it contains more than 4.4 percent phosphorus it is called meat and bone meal. These products are used in animal feeds.

Tankage—The residual animal tissue that has been prepared by dry-rendering or by tanking the animal fat under live steam. Most tankage is used for animal feed; some is used as fertilizer.

Refining Processes

Refining—The purifying treatment for removal of free fatty acids, phosphatides, proteinaceous and mucilaginous substances or other impurities from the fat or oil. The most important method of refining is by treatment of the fat or oil with an alkali—usually caustic soda or soda ash. This results in almost complete removal of free fatty acids through their conversion into oil-insoluble soaps. Phosphatides, proteinaceous, and mucilaginous substances are soluble in the oil only in an anhydrous form and upon hydration with the caustic or other refining solution are readily separated.

Refining loss—The loss from the original quantity of crude oil resulting from various refining processes. This loss varies considerably depending on the free acid content of the oil, other substances removed during refining, and the method of refining.

Bleaching—The treatment given to remove color-producing substances and to further purify the fat or oil. It is normally accomplished after the oil has been refined. Edible oils are generally bleached with adsorbents such as fuller's earth or activated charcoal, while industrial oils are usually bleached with sulfuric acid or chemical agents.

Boiled, blown, bodied—Various refining processes applied to oils used by the paint and varnish industry to enhance the drying qualities of the oils. Boiled oils are made by adding a "drier" (such as oxide of lead, manganese, or cobalt), heating the oil to 125 degrees to 150 degrees centigrade, then cooling immediately. Air is continually blown through the oil during the heating. Blown oils are prepared in much the same manner as boiled oils except that the air-blowing continues for a longer period and the temperatures are kept below 125 degrees centigrade. Bodied oils (originally known as stand-oils) are made by heating the oil to around 300 degrees centigrade for about 6 hours in the absence of air.

Deodorizing—The process of producing bland edible oils by removing trace constituents that give rise to undesirable flavors and odors. Live steam is passed through the hot oil, usually under vacuum, to deodorize it. This is normally accomplished after refining and bleaching.

Winterizing—The process of chilling refined oil, holding it at proper temperatures to separate higher-melting glycerides by crystallization, and filtering them out. The

"wintered oil" remains clear and bright and is used as salad or cooking oil. Winterization is carried out after refining and bleaching but before deodorization.

Vegetable stearine—The filtered-out portion of winterized vegetable oils. These crystallized glyceride compounds usually contains appreciable quantities of stearic acid.

Hydrogenation—A process of passing hydrogen gas through liquid oils in the presence of a catalyst (nickel) for the purpose of saturating the fatty acids (hardening them) for use in the manufacture of shortening and margarine. Hydrogenation makes a white hardened product which has a longer shelf life without refrigeration.

Flaking—A process of "super-hydrogenation" which produces a much harder product than normal hydrogenation. Flaked vegetable oil (flaked shortening) is used primarily by the baking and confectionery industries because of its keeping and baking qualities and other desired qualities affecting the finished product.

Emulsifier—Agents which markedly lower the interfacial tension between oil and water or other liquid thus permitting them to mix to form emulsions. Lecithin and mono- and diglycerides are emulsifiers derived from fats and oils and widely used in foods products (margarine, shortening, salad dressing, frozen desserts, peanut butter, candy, etc.).

Sulfonation—A process where fatty oils are treated with sulfuric acid to obtain sulfonated oils. They are used for textile and leather processing. When castor oil is sulfonated it is known as "turkey red oil" and is used in dyeing and emulsification.

Iodine number (Iodine value)—The number of grams of iodine which will react with 100 grams of fat. It is a measure of the unsaturated fatty acids in a particular oil. Oils with relatively large quantities of unsaturated fatty acids are good drying oils. Higher iodine numbers indicate faster drying oils.

Antioxidants—Substances which inhibit the oxidation of fats and oils. They are added to fats and oils or fat-containing products to provide greater stability and longer shelf-life by delaying the onset of oxidative rancidity.

Refined, not further processed—Vegetable oils that have been refined by any one of or several processes, excluding oils that have been bleached, deodorized, hydrogenated, or winterized.

Refined and further processed—Includes oils that have been subjected to alkali or soda ash or other refining

processes, and also may have been bleached, deodorized, hydrogenated, and/or winterized.

Once refined—Oil that has been treated by alkali or caustic wash.

BPSY (bleachable prime summer yellow)—A term applied to once-refined cottonseed oil of bleachable quality that, after bleaching, will contain 0.25 percent free fatty acids or less, a very small quantity of color bodies, and water and volatile matter not to exceed 0.10 percent.

Technical grade refined oils—Includes a wide variety of oils that are specially refined and further processed to meet requirements or specifications for a definite industrial use.

Soapstock—The byproduct obtained when vegetable oils are deacidized by various refining methods. Soapstock contains undesirable impurities and fatty acids. In alkali refining of soybean oil, soapstock averages about 6 percent of the volume of the crude oil being refined. Soapstock is usually referred to as "foots" since it accumulates at the bottom (foot) of the refining tank.

Foots (sludge)—The semisolid residue which settles to the bottom of the tank or car in which crude oils are stored or shipped. Steam usually is applied to facilitate their removal. Sometimes referred to as "tank bottoms."

Acidulated soapstock—Soapstock, which usually contains fairly large quantities of fatty acids, is treated with sulfuric acid and boiled to separate the fatty acids from the other materials. Separation is complete enough to produce a product—acidulated soapstock—containing 85-95 percent of total fatty acids.

MIU—Is the combined content of nonfatty material in tallow and grease—moisture (M), insoluble impurities (I), and unsaponifiable matter (U). Maximum level is specified for different grades of tallow and grease.

Fatty acids—The product obtained when glycerine is split off from the triglycerides of fats and oils by any method of hydrolysis. Triglycerides are composed of 3 molecules of fatty acids and 1 molecule of glycerine. Since these acids are found only in natural fats and oils, the term fatty acids applies to any acid that can be obtained from natural fats and oils. After hydrolysis, 100 grams of fat yield approximately 95 grams of fatty acids. As a result of the predominance of fatty acids over glycerine, the type of fatty acid present in the various fats and oils determines to a large extent the characteristics of a given product. In the field of industrial usage, fatty acids are usually further classified according to the treatment to which they are subjected subsequent to hydrolysis.

Free fatty acids—Fatty acids which can easily be removed from fats and oils by deacidification. Deacidizing of edible oils is usually done by an alkali refining process while industrial oils are washed with acid or water or both. Removal of the free fatty acids is necessary because of the instability of such acids to heat and oxidation. In simpler terms, free fatty acid content reflects the condition of fats and oils—the degree of rancidity.

Fatty acids (classification of)—Fatty acids occurring in fats and oils can be classified as to their degree of saturation. Those containing only single-bond carbon linkages are termed *saturated* and are the least active chemically. Saturated acids (such as stearic, palmitic and lauric) in their normal forms are solid at room temperature.

Fatty acids containing one or more double-bond carbon linkages are termed *unsaturated*. These acids in their normal forms are liquid at room temperature. Fats and oils contain both saturated and unsaturated fatty acids but in differing proportions. Depending upon requirements, unsaturated fatty acids can be changed into saturated materials, but the reverse is not commercially feasible.

When the fatty acid contains one double bond (such as oleic acid) it is called *mono-unsaturated* and if it contains more than one double bond, it is called *polyunsaturated*. Linoleic acid has 2 double bonds and linolenic acid has 3 double bonds.

The degree of total unsaturation of a fat (the number of double bonds present) is normally expressed in terms of the iodine value of the fat.

Glycerine—Natural glycerine is a byproduct of the soapmaking and fatty acid industries. Synthetic glycerine is manufactured from petroleum raw materials. Glycerine's wide range of use from explosives to emulsifiers indicates its versatility in all areas of industry.

Definitions

Fats and oils—Substances of plant or animal origin which are predominantly the trifatty acid esters of glycerine, commonly called "triglycerides." This excludes essential oils and mineral (petroleum) oils. The term "fat" usually refers to materials which are solid or plastic at ordinary temperatures, while oils are liquid. No rigid distinction can be made between the two and it is common practice to use the terms interchangeably, except where a distinction between solid and liquid materials is important.

Fats and oils make up one of 3 major classes of food materials, along with carbohydrates and proteins.

Margarine—A fatty food product prepared by blending fats and oils with other ingredients, usually milk solids, salt, flavoring materials, and vitamins A and D. It is manufactured under Food and Drug Administration (FDA) Standards of Identity and must contain at least 80 percent fat. The fats used in margarines may be from either animal or vegetable origin, although vegetable oils are by far the most widely used.

Shortening—A semisolid, fatty food product made entirely from edible vegetable oils, a blend of vegetable oils and animal fats, or pure animal fats, for use in cooking, baking, and frying. There are 2 general classes: (a) compound or blended, classified on the basis of the raw material used as ingredients, and (b) hydrogenated, which may be further identified on the basis of their intended use. The distinction between blended and hydrogenated shortening is no longer clear-cut. Hydrogenated shortenings are usually made from blends of 2 or more hydrogenated fats; the refined and deodorized oils may be hydrogenated individually or in combination to the same or different degrees of saturation and then blended in the proportions necessary to give the desired characteristics in the finished product.

Baking or frying fats (shortening)—The Bureau of the Census defines baking or frying fats as products which meet all of the following conditions: (1) manufactured from vegetable oils, meat fats, or a combination, (2) which have been deodorized or hydrogenated and deodorized, (3) containing a significant amount of glycerides solid at room temperature, (4) and produced and sold entirely or primarily for baking or frying purposes.

Salad and cooking oils—Products prepared from vegetable oils that are usually refined, bleached, deodorized, and sometimes lightly hydrogenated. Census Bureau definition includes products which have been manufactured from vegetable oils and deodorized or winterized and deodorized, and which are completely liquid at room temperature.

Mellorine—A frozen dessert made from edible vegetable oil or animal fat, sugar or other sweetening agents, milk solids, and flavoring. The fat content of mellorine averages about 8 percent.

Mayonnaise and Salad Dressing—Emulsified, semisolid, fatty foods that by Food and Drug Administration (FDA) regulation, mayonnaise must contain not less than 65 percent (by weight) edible vegetable oil and salad dressing 30 percent. Salt, sugar, spices, seasoning, vinegar, egg yolk, lemon juice, and other seasoning or flavoring ingredients complete these products.

Salad dressings, pourable type—Pourable salad dressing may be in the form of a separable liquid food or an emulsified viscous food. There is a great variety of products available, which vary in composition, including in oil content. Italian, French, and Roquefort types are representative of this class. FDA standard for French dressings requires an edible vegetable oil content of not less than 35 percent (by weight). Some other ingredients that may be used in the preparation of the pourable dressings are salt, sugar, emulsifiers, spices, seasonings, and acidifying agents.

Mono- and Diglycerides—Prepared by reacting either fatty acids or fats and oils with an excess of glycerol in presence of a catalyst. This product contains 60 percent or less monoglycerides, the remaining being mostly diglycerides with a small amount of triglycerides. Large amounts of mono- and diglycerides are purposely formed within shortening. These shortenings are termed "high ratio" or "superglycerinated" shortening. Mono- and diglycerides are widely used as food emulsifiers.

Soap—A commercial cleansing and sudsing agent made of water-soluble salts of fatty and other natural acids.

Synthetics—Products derived principally from nonagricultural sources or from agricultural sources processed so their origin is not easily identified.

Synthetic detergents—Manmade compounds (other than soap) which are surface active in water and can be used effectively for cleaning. They are usually produced from material of the petrochemical industry.

Tall oil—A byproduct of the sulphite digestion of pulpwood for kraft paper manufacture. Tall oil is not a true fat or oil but consists of a natural mixture of 45 percent each of resin acids and fatty acids and 10 percent unsaponifiable matter. The fatty acids are primarily linoleic, oleic and linolenic acid.

Urea—A synthetic nitrogen compound produced from carbon dioxide and ammonia, or from calcium cyanamide under heat pressure. It is the principal source of inorganic nitrogen used in mixed feeds. It is converted to protein by action of bacteria in the rumen of beef and dairy cattle, sheep, and goats. The main use of urea, however, is still as a fertilizer.

Drying oils—Oils that have the ability to polymerize or "dry" after they have been applied to a surface to form tough, adherent, impervious, and abrasive resistant film. Their film forming properties are closely related to their degree of unsaturation.

Surface coatings—Paints, varnishes, lacquers and enamels that are used as protective and decorative coatings. Bureau of the Census breaks down production between trade-sales finishes and industrial finishes.

Soybean Protein

Protein—A naturally occurring combination of amino acids, containing the chemical elements carbon, hydrogen, oxygen, nitrogen, and sometimes sulphur; one of the essential constituents of all living things and of the diet of animals and man.

Amino acids—Chief components and determinants of the characteristics of a protein; the building blocks of living tissues. Eighteen different amino acids commonly occur in our food supply and eight are considered essential because the body cannot make them from other materials.

Soybean meal—The product obtained by grinding the cake, chips, or flakes which remain after removal of most of the oil from soybeans by a mechanical or solvent extraction process. This product contains 41-50 percent protein, 3-7 percent crude fiber, and usually about 1% or less fat. Soybean meal is used as feed for livestock and poultry. Soy grits and flour are commonly used for human consumption.

Soy grits and/or flour—The ground, screened, graded product obtained after extracting most of the oil from selected, sound, clean, dehulled soybeans. They are produced from grinding the defatted soy flakes. Grits are coarser ground than soy flour. Protein range is 40-60 percent.

Defatted soy flour—Flour produced by grinding soy flakes after the nearly complete removal of the oil from soybeans by solvent extraction; defatted soy flour usually contains about 1 percent fat. They are finer ground than soy grits.

Low-fat soy flour—Flour produced either by partial removal of the oil from soybeans before grinding or by adding back 5-6 percent soybean oil or lecithin to defatted soy flour.

High-fat soy flour—Flour produced by adding back about 15 percent soybean oil or lecithin to defatted soy flour.

Full-fat soy flour—Flour containing all of the oil originally present in the raw soybeans; usually 18-20 percent.

Soy protein concentrate—Produced from defatted soybean flakes or flour by a process which immobilizes the protein and removes soluble sugars, minerals, etc. Concentrate has a protein content of 70 percent.

Isolated soy protein—Protein which has been greatly concentrated from its native location by chemical or mechanical means. It is produced by extracting white flakes or flour with water or a mild alkali. Isolate generally has a protein content of 90 percent.

Textured vegetable protein—Soy or other vegetable protein that has texture imparted either by spinning a fiber and combining the fiber in layers to achieve the desired texture, or by a thermoplastic extrusion process.

Meat analogs—Material usually prepared from vegetable protein to resemble specific meats in texture, color, and flavor.

Meat extenders—Use of soy or other vegetable proteins as partial substitutes for meat in processed items such as patties, chili, casseroles, etc.

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KRONER, G. W. ET AL

USDA STATISTICAL BULLETINS

STATISTICS, 1950-71

UPDATA

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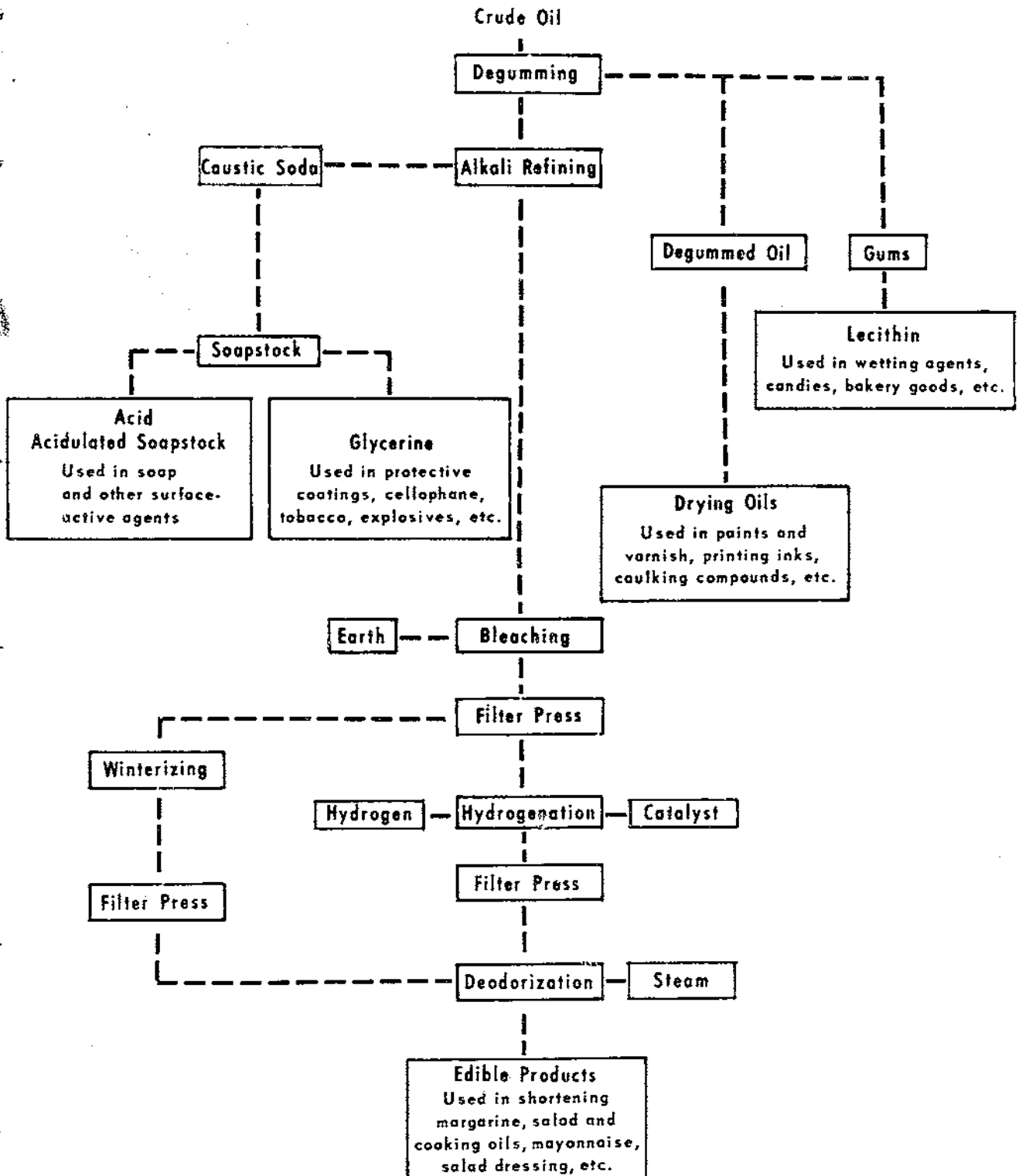
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VEGETABLE OIL REFINING PROCESS



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