# $\begin{array}{c} \textbf{AGRICULTURE AND FISHERY STATISTICS}^1\\ \textbf{U.S. GEOLOGICAL SURVEY} \end{array}$

# [All values are in metric tons]

Last modification: December 28, 2010

				2450	Leather	. 200011301	20, 2010				Total
					hides and		Natural	Raw silk			agriculture
Year	Cotton	Cottonseed	Fishery	Flaxseed	skins	Mohair	rubber	and waste	Tobacco	Wool	and fishery
1900	781,000	219,000	800,000	390,000	483,000	2,710	29,500	4,770	237,000	86,700	3,040,000
1901	885,000	286,000	750,000	670,000	464,000	3,140	30,900	6,400	260,000	100,000	
1902	908,000	297,000	700,000	870,000	471,000	3,530	31,300	6,860	261,000	113,000	
1903	863,000	294,000	670,000	610,000	477,000	3,190	33,600	7,580	242,000	102,000	
1904	981,000	303,000	700,000	550,000	456,000	3,590	39,500	10,100	404,000	115,000	
1905	1,080,000	284,000	720,000	690,000	456,000	3,680	36,300	7,900	284,000	118,000	
1906	1,110,000	348,000	700,000	670,000	459,000	3,500	48,600	8,490	284,000	112,000	
1907	990,000	232,000	670,000	570,000	454,000	2,990	39,000	7,580	247,000	95,800	3,310,000
1908	1,120,000	333,000	720,000	500,000	465,000	3,700	52,200	11,400	251,000	118,000	3,570,000
1909	999,000	297,000	710,000	470,000	476,000	4,400	70,400	10,700	316,000	141,000	3,490,000
1910	981,000	374,000	730,000	270,000	464,000	3,620	66,300	12,100	359,000	116,000	3,380,000
1911	1,130,000	446,000	720,000	450,000	487,000	3,860	79,900	12,100	259,000	123,000	3,710,000
1912	1,210,000	415,000	720,000	680,000	528,000	3,590	77,600	14,600	324,000	115,000	4,090,000
1913	1,240,000	440,000	720,000	360,000	546,000	4,870	73,500	15,800	248,000	156,000	3,800,000
1914	1,220,000	523,000	710,000	310,000	559,000	4,480	89,000	14,100	312,000	143,000	3,890,000
1915	1,410,000	380,000	710,000	280,000	526,000	6,510	138,000	19,100	322,000	208,000	4,000,000
1916	1,480,000	408,000	710,000	290,000	540,000	5,110	166,000	18,300	360,000	163,000	4,140,000
1917	1,410,000	386,000	720,000	200,000	530,000	5,310	188,000	19,700	492,000	170,000	4,120,000
1918	1,350,000	405,000	700,000	310,000	514,000	5,660	192,000	22,200	372,000	181,000	4,050,000
1919	1,300,000	362,000	700,000	160,000	482,000	4,670	300,000	25,200	373,000	149,000	3,860,000
1920	1,280,000	372,000	600,000	260,000	442,000	4,460	168,000	18,000	456,000	143,000	3,750,000
1921	1,180,000	263,000	690,000	200,000	482,000	4,870	263,000	23,800	253,000	156,000	3,520,000
1922	1,320,000	292,000	685,000	450,000	466,000	5,760	368,000	26,500	375,000	184,000	
1923	1,420,000	297,000	680,000	400,000	475,000	5,990	288,000	28,100	432,000	192,000	4,220,000
1924	1,200,000	416,000	600,000	750,000	481,000	4,850	374,000	27,600	249,000	155,000	4,260,000
1925	1,400,000	501,000	650,000	540,000	474,000	4,970	437,000	34,800	356,000	159,000	4,560,000
1926	1,460,000	577,000	620,000	450,000	478,000	4,870	451,000	34,900	366,000	156,000	4,600,000
1927	1,630,000	416,000	750,000	610,000	471,000	5,020	435,000	38,600	341,000	161,000	
1928	1,450,000	461,000	750,000	460,000	489,000	4,720	568,000	39,600	372,000	151,000	
1929	1,560,000	425,000	900,000	385,000	505,000	5,220	526,000	43,900	418,000	167,000	/ /
1930	1,190,000	388,000	650,000	520,000	532,000	3,730	476,000	36,600	495,000	119,000	4,410,000
1931	1,210,000	434,000	600,000	280,000	545,000	4,410	499,000	39,700	529,000	141,000	
1932	1,120,000	363,000	550,000	280,000	541,000	3,260	358,000	34,000	291,000	104,000	3,640,000
1933	1,380,000	345,000	550,000	170,000	572,000	4,500	555,000	32,000	420,000	144,000	4,180,000
1934	1,210,000	291,000	500,000	140,000	557,000	3,260	446,000	27,400	340,000	104,000	
1935	1,250,000	313,000	500,000	360,000	528,000	5,920	475,000	32,900	407,000	189,000	4,070,000

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# $\begin{array}{c} \textbf{AGRICULTURE AND FISHERY STATISTICS}^1\\ \textbf{U.S. GEOLOGICAL SURVEY} \end{array}$

[All values are in metric tons]

Last modification: December 28, 2010

Last modification: December 28, 2010											
					Leather						Total
					hides and		Natural	Raw silk			agriculture
Year	Cotton	Cottonseed	Fishery	Flaxseed	skins	Mohair	rubber	and waste	Tobacco	Wool	and fishery
1936	1,580,000	383,000	650,000	130,000	549,000	5,760	496,000	30,600	357,000	184,000	4,360,000
1937	1,660,000	541,000	770,000	170,000	541,000	5,410	610,000	29,100	513,000	173,000	5,010,000
1938	1,330,000	346,000	600,000	200,000	559,000	4,030	419,000	25,900	430,000	129,000	4,040,000
1939	1,650,000	369,000	750,000	473,000	586,000	5,620	508,000	25,100	734,000	180,000	5,280,000
1940	1,800,000	407,000	1,200,000	750,000	606,000	5,790	832,000	21,600	612,000	185,000	6,420,000
1941	2,360,000	359,000	1,300,000	780,000	654,000	9,190	1,050,000	11,700	461,000	294,000	7,280,000
1942	2,560,000	410,000	650,000	990,000	698,000	8,570	287,000	91	532,000	274,000	6,410,000
1943	2,390,000	361,000	1,140,000	1,200,000	690,000	9,020	60,800	0	495,000	289,000	6,640,000
1944	2,170,000	395,000	1,400,000	520,000	685,000	8,840	116,000	0	676,000	283,000	6,260,000
1945	2,050,000	287,000	1,100,000	830,000	673,000	9,990	151,000	454	667,000	293,000	6,070,000
1946	2,180,000	278,000	1,600,000	545,000	649,000	8,750	392,000	6,130	795,000	335,000	6,800,000
1947	2,120,000	369,000	800,000	1,030,000	631,000	8,270	724,000	1,450	792,000	317,000	6,800,000
1948	2,020,000	488,000	1,100,000	1,320,000	593,000	7,250	748,000	3,360	703,000	315,000	7,310,000
1949	1,740,000	532,000	1,050,000	1,100,000	603,000	5,880	671,000	1,820	688,000	227,000	6,630,000
1950	2,120,000	317,000	1,100,000	1,070,000	646,000	6,010	816,000	4,810	727,000	288,000	7,100,000
1951	2,210,000	503,000	930,000	821,000	574,000	5,850	747,000	3,450	842,000	220,000	6,860,000
1952	2,030,000	506,000	990,000	749,000	548,000	5,550	819,000	5,950	847,000	212,000	6,710,000
1953	2,020,000	574,000	1,100,000	814,000	660,000	5,790	659,000	3,950	749,000	224,000	6,820,000
1954	1,880,000	474,000	1,210,000	917,000	578,000	6,620	608,000	3,950	834,000	174,000	6,680,000
1955	1,990,000	504,000	1,250,000	941,000	575,000	7,680	661,000	5,180	754,000	188,000	6,880,000
1956	1,980,000	452,000	1,400,000	742,000	656,000	8,260	597,000	6,360	790,000	200,000	6,830,000
1957	1,840,000	387,000	1,200,000	679,000	557,000	8,650	568,000	3,950	574,000	168,000	5,990,000
1958	1,760,000	397,000	1,200,000	649,000	531,000	9,460	492,000	2,450	610,000	150,000	5,800,000
1959	1,970,000	500,000	1,400,000	624,000	613,000	11,000	427,000	3,680	648,000	197,000	6,390,000
1960	1,900,000	490,000	1,400,000	536,000	550,000	11,100	590,000	3,130	703,000	187,000	6,380,000
1961	1,850,000	510,000	1,900,000	568,000	544,000	12,000	410,000	3,040	754,000	187,000	6,740,000
1962	1,900,000	526,000	2,100,000	587,000	573,000	12,400	442,000	2,950	880,000	195,000	7,220,000
1963	1,830,000	531,000	2,400,000	578,000	577,000	13,200	405,000	2,910	873,000	187,000	7,400,000
1964	1,920,000	538,000	2,600,000	510,000	584,000	13,500	482,000	3,040	828,000	162,000	7,650,000
1965	2,090,000	530,000	1,900,000	654,000	569,000	14,700	495,000	2,860	681,000	176,000	7,120,000
1966	2,090,000	339,000	2,500,000	746,000	548,000	13,400	486,000	2,090	637,000	176,000	7,540,000
1967	1,980,000	274,000	3,300,000	592,000	592,000	12,300	505,000	1,270	629,000	133,000	8,020,000
1968	1,820,000	403,000	4,200,000	609,000	658,000	11,800	616,000	1,810	627,000	158,000	9,100,000
1969	1,770,000	350,000	2,200,000	597,000	589,000	9,450	678,000	1,510	604,000	127,000	6,930,000
1970	1,790,000	348,000	1,900,000	598,000	563,000	8,480	655,000	838	591,000	109,000	6,560,000
1971	1,780,000	363,000	2,000,000	609,000	545,000	6,760	750,000	771	595,000	93,300	6,750,000

# $\begin{array}{c} \textbf{AGRICULTURE AND FISHERY STATISTICS}^1\\ \textbf{U.S. GEOLOGICAL SURVEY} \end{array}$

# [All values are in metric tons]

Last modification: December 28, 2010

				2450	Leather	200011301	20,2010				Total
					hides and		Natural	Raw silk			agriculture
Year	Cotton	Cottonseed	Fishery	Flaxseed	skins	Mohair	rubber	and waste	Tobacco	Wool	and fishery
1972	1,690,000	467,000	2,610,000	803,000	524,000	4,630	741,000	971	613,000	80,000	7,540,000
1973	1,630,000	428,000	958,000	463,000	473,000	4,510	769,000	1,520	618,000	62,700	5,410,000
1974	1,280,000	389,000	725,000	387,000	519,000	3,810	806,000	1,180	618,000	43,700	4,770,000
1975	1,580,000	260,000	1,640,000	327,000	611,000	3,900	761,000	439	611,000	42,400	5,840,000
1976	1,450,000	342,000	1,730,000	292,000	560,000	3,680	849,000	1,200	586,000	53,800	5,880,000
1977	1,410,000	438,000	1,280,000	299,000	562,000	3,630	972,000	736	588,000	53,100	5,610,000
1978	1,380,000	352,000	1,240,000	325,000	450,000	3,680	958,000	903	571,000	47,700	5,340,000
1979	1,420,000	433,000	1,710,000	288,000	346,000	4,220	942,000	711	604,000	44,500	5,790,000
1980	1,280,000	359,000	1,100,000	318,000	405,000	4,000	931,000	478	588,000	51,100	5,040,000
1981	1,150,000	463,000	1,150,000	294,000	354,000	4,590	884,000	900	576,000	60,300	4,940,000
1982	1,200,000	325,000	1,730,000	278,000	366,000	4,540	801,000	1,920	574,000	52,700	5,330,000
1983	1,290,000	223,000	1,390,000	334,000	417,000	6,040	982,000	626	562,000	59,600	5,260,000
1984	1,210,000	389,000	1,730,000	276,000	346,000	7,260	1,080,000	395	542,000	65,500	5,650,000
1985	1,400,000	341,000	2,470,000	285,000	371,000	7,360	1,080,000	393	545,000	56,500	6,550,000
1986	1,620,000	271,000	1,960,000	307,000	335,000	7,870	1,070,000	366	531,000	63,900	6,160,000
1987	1,660,000	416,000	2,080,000	288,000	332,000	7,830	1,110,000	528	514,000	67,500	6,480,000
1988	1,700,000	438,000	1,470,000	238,000	291,000	6,990	1,170,000	400	504,000	64,800	5,870,000
1989	1,910,000	305,000	1,220,000	242,000	215,000	6,990	1,250,000	450	475,000	69,400	5,690,000
1990	1,890,000	391,000	1,320,000	249,000	256,000	6,580	840,000	400	473,000	52,400	5,480,000
1991	2,090,000	423,000	993,000	254,000	362,000	6,720	798,000	400	471,000	58,500	5,460,000
1992	2,230,000	356,000	643,000	237,000	312,000	6,440	931,000	153	463,000	58,900	5,240,000
1993	2,270,000	356,000	2,420,000	228,000	324,000	6,120	1,000,000	168	449,000	63,000	7,110,000
1994	2,440,000	455,000	2,130,000	226,000	323,000	5,300	1,170,000	182	429,000	56,800	7,240,000
1995	2,320,000	403,000	867,000	239,000	281,000	5,130	1,040,000	122	434,000	52,800	5,650,000
1996	2,420,000	396,000	820,000	274,000	310,000	3,400	1,030,000	171	436,000	45,200	5,740,000
1997	2,470,000	379,000	991,000	288,000	343,000	2,900	1,070,000	78	456,000	45,400	6,050,000
1998	2,270,000	296,000	701,000	298,000	432,000	2,110	1,200,000	13.8	437,000	43,000	5,680,000
1999	2,220,000	303,000	834,000	378,000	463,000	1,160	1,140,000	21.2	398,000	29,000	5,770,000
2000	1,930,000	313,000	649,000	357,000	378,000	1,060	1,230,000	5.7	393,000	28,500	5,280,000
2001	1,680,000	350,000	672,000	350,000	273,000	778	1,000,000	9.1	392,000	23,600	4,740,000
2002	1,580,000	298,000	740,000	370,000	291,000	882	1,210,000	14.5	400,000	17,200	4,920,000
2003	1,370,000	307,000	590,000	378,000	282,000	762	1,120,000	NA	382,000	13,600	4,440,000
2004	1,460,000	408,000	464,000	412,000	243,000	886	1,160,000	NA	375,000	14,200	4,530,000
2005	1,280,000	416,000	192,000	540,000	200,000	701	1,170,000	NA	367,000	11,600	4,180,000
2006	1,080,000	470,000	412,000	446,000	171,000	614	1,010,000	NA	356,000	10,400	3,950,000
2007	999,000	531,000	459,000	377,000	173,000	616	1,030,000	NA	346,000	9,400	3,920,000

# AGRICULTURE AND FISHERY STATISTICS<sup>1</sup>

# U.S. GEOLOGICAL SURVEY

# [All values are in metric tons]

Last modification: December 28, 2010

					Leather						Total
					hides and		Natural	Raw silk			agriculture
Year	Cotton	Cottonseed	Fishery	Flaxseed	skins	Mohair	rubber	and waste	Tobacco	Wool	and fishery
2008	782,000	601,000	483,000	241,000	176,000	537	1,140,000	NA	335,000	8,460	3,430,000
2009	754,000	679,000	500,000	316,000	265,000	500	1,100,000	NA	325,000	7,620	3,940,000

NA Not available.

Data are estimated, calculated, or reported. See notes for more information.

<sup>&</sup>lt;sup>1</sup>Compiled by T.D. Kelly (retired), D.E. Sullivan (retired), and G. Matos.

# **Agriculture and Fishery Worksheet Notes**

### **Data Sources**

Sources of data for the agriculture and fishery worksheet are publications of the U.S. Department of Agriculture, Agricultural Yearbook (AY), Agricultural Statistics (AS), and Foreign Agricultural Trade of the United States (FATUS); the U.S, Department of Commerce, Bureau of the Census, Statistical Abstract of the United States (SAUS); the Department of Commerce, National Oceanic and Atmospheric Administration, Fisheries of the United States (FUS) and its predecessor publications listed in the paragraph and reference sections below; and Resources for the Future, Natural Resource Commodities—A Century of Statistics (NRC); and the Food and Agricultural Organization of the United Nations (FAO), World Statistical Compendium for Raw Hides and Skins, Leather and Leather Footwear 1990–2009. Data in all categories are apparent consumption data. The years of publication and corresponding years of data coverage are listed in the References section below.

### Cotton

For 1900-64, cotton apparent consumption data are from NRC. For 1965-2009, cotton data are from AS as mill use.

#### Cottonseed

Cottonseed used to produce oil for nonfood purposes is estimated to be 10% of cottonseed sales to oil mills. For 1900–64, cottonseed data are from NRC. For 1965–2005, cottonseed data are from AS as sales to oil mills. For 2006 to the most recent year, cottonseed data estimated.

# **Fishery**

Fishery data are for fish oils and flake used for nonfood purposes. For 1900–04, data are from U.S. Commission of Fish and Fisheries, 1900–04, Commissioner's report. For 1905–17, data are from U.S. Bureau of Fisheries, 1905–17, Commissioner's report and special papers. For 1918–38, data are from U.S. Department of Commerce, Bureau of Fisheries, 1918–38, Fishery statistics of the United States. For 1939–55, data are from U.S. Department of the Interior, Bureau of Fisheries and Wildlife, 1939–55, Fishery statistics of the United States. For 1956–2008, data are from FUS as total supply of industrial fishery products (round weight). For 2009, fishery data is estimated.

#### Flaxseed

For 1900–48, flaxseed weights are estimated and recorded from dollar values of flaxseed produced as reported in NRC. For 1949 to the most recent year, flaxseed statistics are from AS as flaxseed disappearance (consumption).

## **Leather Hides and Skins**

Leather apparent consumption statistics are for calves, cattle, and sheep hides. For 1900–35, leather apparent consumption statistics are calculated from statistics in AY. For 1935–69, leather apparent consumption statistics are calculated from statistics in AS. For 1970 to 2009 leather apparent consumption is calculated from statistics provided by FAO with the formula:

# APPARENT CONSUMPTION = PRODUCTION + IMPORTS – EXPORTS.

#### Mohair

Mohair production is assumed to equal mohair apparent consumption. For 1900–35, mohair production statistics are from AY. For 1936–2008, mohair production statistics are from AS. For 2009, mohair data estimated.

## Natural Rubber

Natural rubber imports are assumed to equal natural rubber apparent consumption. For 1900–73, natural rubber apparent consumption is estimated with NRC natural rubber import statistics. For 1973–2007, natural rubber apparent consumption is estimated from SAUS import statistics of crude rubber and allied gums. For 2008 to the most recent year, natural rubber data are estimated.

# Raw Silk and Waste

For 1900–60, raw silk and waste apparent consumption is estimated from NRC silk import statistics. For 1961–2002, raw silk and waste apparent consumption is estimated from FATUS import statistics for raw silk and waste. For 2003 to the most recent year, raw silk and waste data are not available.

## **Tobacco**

Tobacco apparent consumption is assumed to equal the consumption of all tobacco products to include: chewing tobacco, cigarettes, cigars, smoking tobacco, and snuff. For 1900–64, tobacco consumption statistics are from NRC. For 1965–2005, tobacco consumption statistics are from AS. For 2006 to the most recent year, tobacco data are estimated.

# Wool

For 1900–35, wool apparent consumption statistics were from AY. For 1936–2005, wool apparent consumption statistics were from AS as total raw wool supply (clean). For 2006 to the most recent year, wool data are estimated.

## **Total Agriculture and Fishery**

Total agriculture and fishery statistics are the sum of the specific apparent consumptions for the categories described above. Total apparent consumption data are rounded to the nearest ten thousandth because of the level of accuracy in cottonseed statistics.

### References

Food and Agricultural Organization, 1990–2009, World statistical compendium for raw hides and skins, leather and leather footwear 1990–2009. (Available at http://www.fao.org/fileadmin/templates/est/COMM\_MARKETS\_MONITORING/Hides\_Skins/Documents/AA\_COMPENDIUM\_2010.pdf.)

Manthy, R.S., 1978, Natural resource commodities—A century of statistics: Baltimore and London, John Hopkins University Press, p. 240.

- U.S. Bureau of Fisheries, 1905–17, Commissioner's report and special papers, 1905–17.
- U.S. Commission of Fish and Fisheries, 1900–02, Commissioner's report, 1900–02.
- U.S. Department of Agriculture, 1900–1935, Agricultural yearbook, 1900–35.
- U.S. Department of Agriculture, 1936–2009, Agricultural statistics (annual report), 1936–2009. (Available at http://www.nass.usda.gov/Publications/Ag\_Statistics/.)
- U.S. Department of Agriculture, Economic Research Service, 1961–2002, Foreign agricultural trade of the United States.
- U.S. Department of Commerce, Bureau of Fisheries, 1918–38, Fishery statistics of the United States, 1918–38.
- U.S. Department of Commerce, Bureau of the Census, 1974–93, Statistical abstract of the United States, 1974–93.
- U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, 1956–2009, Fisheries of the United States, 1956–2009. (Available at http://www.st.nmfs.noaa.gov/st1/publications.html.)
- U.S. Department of the Interior, Bureau of Fisheries and Wildlife, 1939-55, Fishery statistics of the United States, 1939-55.

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