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Welcome To Soy Stats 2001

Introduction

Soy Stats, A Reference Guide To Important Soybean Facts & Figures, is a comprehensive resource for statistical information about the U.S. soybean industry and its relationship to world oilseed production. Publication of the Soy Stats Guide here on SoyGrowers.Com will make this information available to millions of people in the United States and around the world. This resource is made possible by the contributions of Dow AgroSciences and U.S. farmers to the soybean checkoff program.

Soybeans were planted on a record 74.5 million acres (30.2 million hectares) in 2000, producing 2.770 billion bushels (75.39 million metric tons) of soybeans. The average price paid to farmers, \$4.40 per bushel (\$162 per metric ton), was the lowest average price since 1972, and a 40 percent decline since 1996. As a result of low prices, the total 2000 crop value was \$12.2 billion.

In 2000, soybeans represented 56 percent of world oilseed production, and 45 percent of those soybeans were produced in the United States. Fully 54 percent of the world's soybean trade originated from the U.S.

U.S. soybean and product exports increased to \$6.66 billion in 2000. The European Union continued to be the No. 1 U.S. market for whole soybeans with purchases of \$1.143 billion, an increase of \$110 million or 10 percent higher than in 1999. China became the largest single country customer for U.S. soybeans with purchases totaling slightly more than \$1 billion. Japan was the second largest single country customer for U.S. soybeans with purchases of \$758 million, and Mexico was third with \$678 million.

The Philippines remained the largest customer for U.S. soybean meal at \$166 million, \$2 million more than Canada. Mexico was the largest customer for U.S. soybean oil with purchases of \$39 million, and Korea was second with purchases of \$34 million.

Domestically, soybeans provided 80 percent of the edible consumption of fats and oils in the United States. The domestic crush level increased to 1,590 million bushels (43.28 million metric tons), while U.S. ending stocks of soybeans were 300 million bushels (8.17 million metric tons).

The menu located at the top left of each web page provides links to the various sections of the Soy Stats Guide. For a quick look at all the available information, see the Table of Contents.

Information compiled and prepared by the American Soybean Association, 12125 Woodcrest Executive Drive, Suite 100, Saint Louis, Missouri 63141, 314/576-1770, facsimile 314/576-2786, from United States Department of Agriculture data unless otherwise noted.

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Area Planted Crop Yield Production Price to Farmers Crop Value

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Soybean Crush Soy Meal Production Meal Use By Livestock Industrial Soy Protein Soy Oil Production Soy Oil Consumption Edible Fats & Oils Industrial Soy Oil Soybean Exports Soybean & Product Exports Ending Stocks

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Soybeans... The Miracle Crop

The soybean (Glycine max) is often called the miracle crop. It is the world's foremost provider of protein and oil. The bushy, green soybean plant is a legume related to clover, peas and alfalfa. Farmers plant soybeans in the late spring. During the summer, soybeans flower and produce 60-80 pods, each holding three pea-sized beans. In the early fall, farmers harvest their crop for these beans which are high in protein and oil. A 60-pound bushel of soybeans yields about 48 pounds of protein-rich meal and 11 pounds of oil.

More soybeans are grown in the United States than anywhere else in the world. In 1998, U.S. soybean farmers harvested a record 2.757 billion bushels (75.04 million metric tons) of soybeans. More than half the total value of the U.S. soybean crop is exported as whole soybeans, soybean meal and soybean oil.

As early as 5,000 years ago, farmers in China grew soybeans.

In 1804, a Yankee clipper ship brought soybeans to the U.S. When leaving China, sailors loaded the ship with soybeans as inexpensive ballast. When they arrived in the U.S. they dumped the soybeans to make room for cargo.

In 1829, U.S. farmers first grew soybeans. They raised a variety for soy sauce. During the Civil War, soldiers used soybeans as "coffee berries" to brew "coffee" when real coffee was scarce. In the late 1800s significant numbers of farmers began to grow soybeans as forage for cattle.

In 1904, at the Tuskegee Institute in Tuskegee, Alabama, George Washington Carver began studying the soybean. His discoveries changed the way people thought about the soybean; no longer was it just a forage crop. Now its beans provided valuable protein and oil.

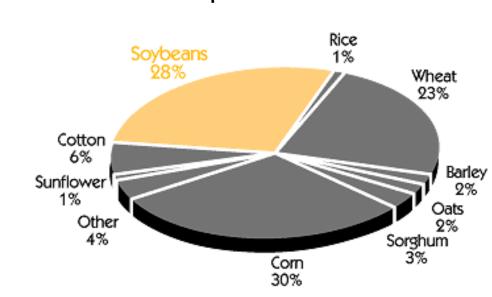
By 1929, U.S. soybean production had grown to 9 million bushels. That year, soybean pioneer William J. "Bill" Morse left on a two-year odyssey to China during which he gathered more than 10,000 soybean varieties for U.S. researchers to study. Some of these varieties laid the foundation for the rapid ascension of the U.S. as the world leader in soybean production.

Prior to World War II, the United States imported 40 percent of its edible fats and oil. At the advent of the war, this oil supply was cut. Processors turned to soybean oil.

By 1940, the U.S. soybean crop had grown to 78 million bushels harvested on 5 million acres, and the United States was a net exporter of soybeans and soybean products. That year, Henry Ford took an ax to a car trunk made with

soybean plastic to demonstrate its durability. The publicity increased the soybean's popularity.

In the early '50s soybean meal became available as a low-cost, high protein feed ingredient, triggering an explosion in U.S. livestock and poultry production.



U.S. Crop Area Planted 2000

Source: USDA

The U.S. soybean industry began to look at ways to expand export markets. In 1956, the American Soybean Association (ASA) began to promote U.S. soybeans in Japan.

Today, farmers in over 30 states grow soybeans, making soybeans the United States' second largest crop in cash sales and the number 1 value crop export. ASA now promotes soybeans and products in more than 100 countries with funding from the United Soybean Board and its soybean producer checkoff and USDA's Foreign Agricultural Service.

U.S. soybean farmers invest a portion of their income in promotion, education and research activities to help increase profits. Farmer-funded research is in progress to cut production costs and to find new uses for soybeans and soybean products. With this committed investment in the soybean, the miracle crop faces an extremely bright future.

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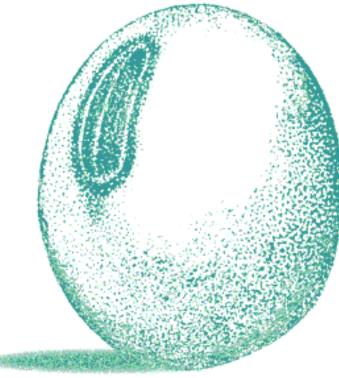
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Composition of a Soybean

Lecithin, extracted from soybean oil, is used for everything from pharmaceuticals to protective coatings. It is a natural emulsifier and lubricant. Lecithin is used, for example, to keep the chocolate and cocoa butter in a candy bar from separating.



Soybean oil finds its way into such products as margarine, salad dressings and cooking oils.The soybean is the highest natural source of dietary fiber. Soy hulls are processed into fiber bran breads, cereal and snacks. In processing, soybeans are cleaned, cracked, dehulled and rolled into flakes. This ruptures the oil cells for efficient extraction.

After removal of the soybean oil, the remaining flakes can be processed into various edible **soy protein** products or used to produce **soybean meal** for animal feeds. Eight essential amino acids are found in soybeans which are necessary for human nutrition and are not produced naturally in the body. The dry (solid) portion of the bean provides a host of edible products. **Soy flour** and grits are used in the commercial baking industry. They aid in dough conditioning and bleaching. Their excellent moisture-holding qualities also help retard staling.

Source: American Soybean Association



Soybeans' Many Uses

2001 Soy Stats

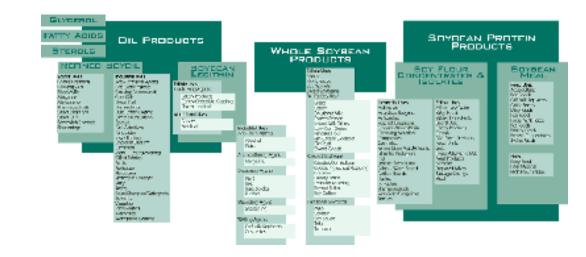
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Soybeans' Many Uses

Click on the image below to enlarge the chart in a new window.



Source: American Soybean Association



SOYBEANS' MANY USES

STEROLS	IIL PROD	UCTS		LE SOYBEAN RODUCTS	5	OYBEAN F Produ	
Coffee Creamers Anti-C Cooking Oils Anti-S	strial Uses Conosion Agents Static Agents ing Compounds	Edible Uses Emulsifying Agents Bakery Products	_	Edible Uses Seeds Stock Feeds Soy Sprouts Baked Soybeans Full Fat Soy Flour	CONCER	FLOUR NTRATES & ILATES	Soybean Meal Feed Uses Aquaculture Bee Foods
Mayonnaise Diese Pharmaceuticals Disinf Salad Oressings Dust (Salad Oils Elect Sandwich Spreads Epox Shortenings Fuel / Fung Inks - Linole Uobric Pastic Pastic Pastic Porte Putty Resin	el Fuel fectants control Agent rical Insulation ys Additives icides - Printing eum Backing cants I - Casting/Working d Fabrics s cides cizers icitive Coatings s s ShampoovDetergents ents	Candy/Chocolate Coatings Pharmaceuticals Nutritional Uses Dietary Medical	Industrial Uses Anti-Foam Agents Alcohol Yézast Anti-Spattering Agent Margarine Dispensing Agents Dispensing Agents Paint Inks Insecticicles Rubber Stabilizing Agent	Rread Candy Dougfinut Mix Frozen Dessert Instant Mik Drinks Low-Cost Gruels Pancake Flour Pan Grease Extender Pie Crust Sweet Goods Roasted Soybeans Candies/Confections Cookie Ingredient /Topping Crackers Dietary Items Fountain Topping Soynut Butter Soy Coffee Traditional Soyfoods	Industrial Uses Achesives Analytical Reagents Antibiotics Asphalt Emulsions Binders - Wood/Resin Cleansing Materials Composites Cosmetics Fermentation Aids/Nutrients Films for Packaging Inks Leather Substitutes Paints - Water Based Particle Boards Plastics Pharmaceuticals Pharmaceuticals Pharmaceuticals Pharmaceuticals Pharmaceuticals	Edible Uses Alimentary Pastes Baby Food Bakary Ingredients Beer & Ale Candy Products Cereals Diet Food Products Food Drinks Grits Hypo Allergenic Milk Meat Products Noodles Prepared Mixes Sausage Casings Yeast	Call Wilk Replacers Cattle Feeds Daily Feeds Fish Food Fox & Mink Feeds Pet Foods Poultry Feeds Protein Concentrates Swine Feeds Hulls Dairy Feed Filter Material High Fiber Breads
Wallo	Plastics board rproof Cement		Shortening Wetting Agents Calf Milk Replacers Cosmetics	Miso Soymilk Soy Sauce Tofu Tempeh			

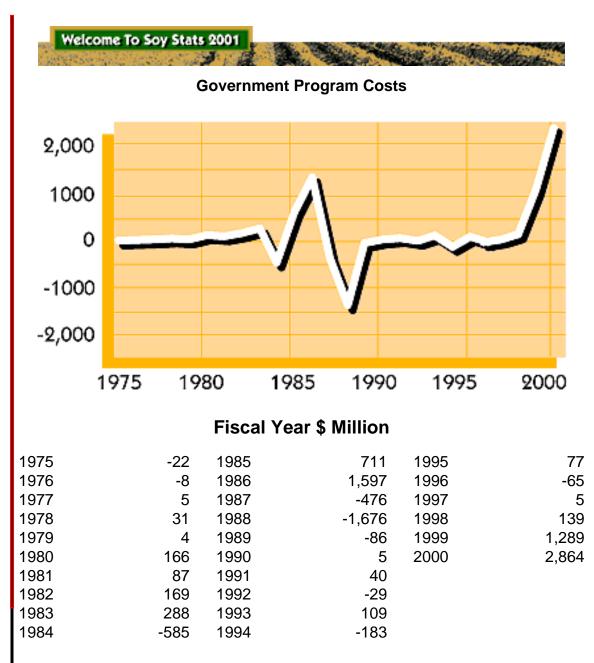
Source: American Soybean Association

Government Program Costs

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Source: USDA



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Farm Bill Summary

The American Soybean Association (ASA) called for new Farm Bill legislation with specific recommendations to address the "unfinished agenda" of the 1996 Farm Bill. The economic and trade environment of U.S. agriculture needs to be changed to reduce production costs and enhance the competitiveness of U.S. farm exports. ASA identified the following areas that must be addressed:

- Agricultural trade must be given the same weight in U.S. economic and foreign policy decisions as accorded by our primary international competitors and customers.
- Export assistance and promotion programs authorized by the WTO must be fully and aggressively utilized, as our competitors do.
- Ineffective unilateral economic sanctions that discredit U.S. reliability as a supplier and encourage our competitors to expand production and exports must be rescinded and prohibited.
- Funding for U.S. humanitarian assistance programs must be increased and maintained at a level that reflects the United States' responsibility to enhance societal, economic, and political stability in developing countries.
- An effective case must be made for modernizing the U.S. transportation infrastructure, including the lock and dam system on the Mississippi and Illinois Rivers.
- Barriers to U.S. farm exports based on non-scientific standards, including restrictions on biotechnology trade, must be challenged and overcome.
- Funding for agricultural research must be restored and increased.
- Unnecessarily onerous regulations that increase agricultural production costs must be either compensated or eliminated.

In addition to establishing conditions that will foster a competitive environment for U.S. agriculture, ASA supports domestic farm programs that are equitable and balanced among all loan-eligible crops that can be planted on the same cropland on a farm.

ASA supports full and unrestricted planting flexibility, continuation of nonrecourse marketing loans, no statutory authority to impose set-asides, and no authority to establish government or farmer-owned reserves for oilseeds. In addition, ASA opposes any limitations on marketing loan benefits, fixed income payments, or any counter-cyclical income support payments.

ASA supports maintaining current oilseed loan rates for 2002 crops, and setting these rates as floors rather than ceilings under the next farm bill. The formula for adjusting loan levels to 85 percent of Olympic average prices in the previous five years should be retained, and discretion should be provided to the Secretary to set loan levels above the floor when prices warrant.

The next Farm Bill should provide voluntary incentive payments to encourage

The SoySeal trademark is used to easily identify industrial products made with SOYOIL. When you see this red, white and blue oil droplet, you know the product uses SOYOIL... a renewable, U.S. grown product. improved conservation practices, increased funding for export promotion and assistance programs, and for foreign food assistance. Food aid should be based on a minimum annual tonnage commitment, which should not be subject to variations in production and the availability of surpluses.

For more information, visit SoyGrowers.com.



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web site: www.soyasa.com

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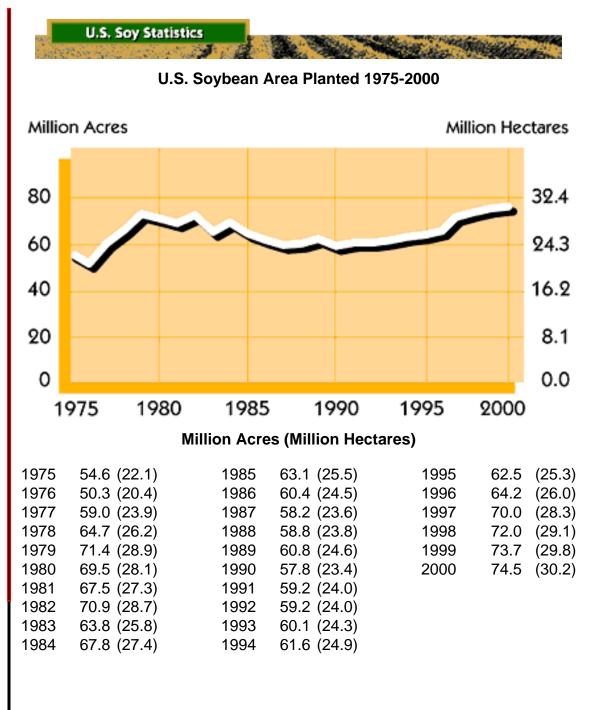
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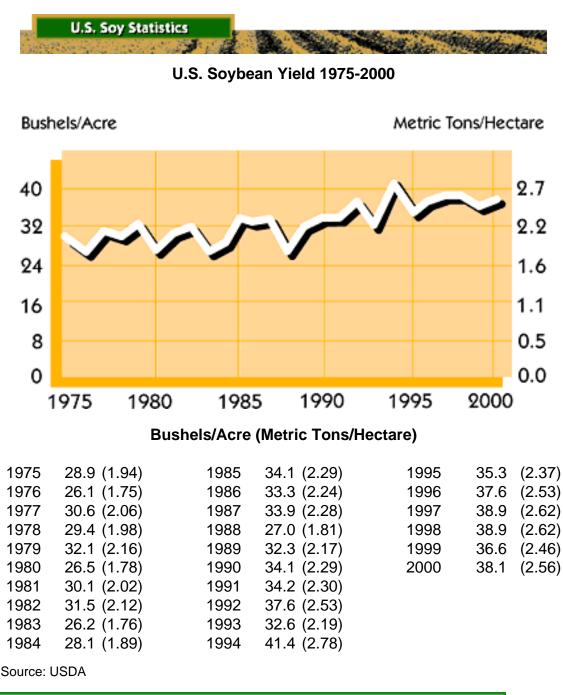
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Source: USDA







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Area Planted

Crop Yield

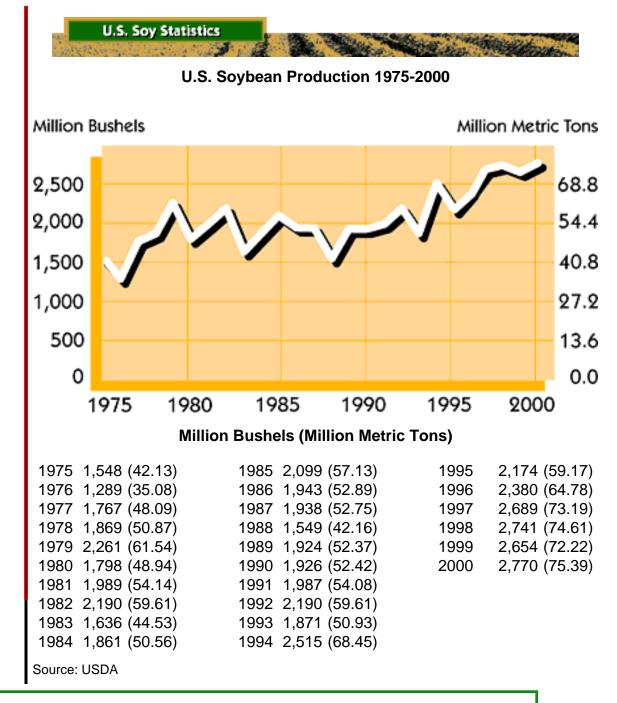
Production

Price to Farmers **Crop Value Production Costs**

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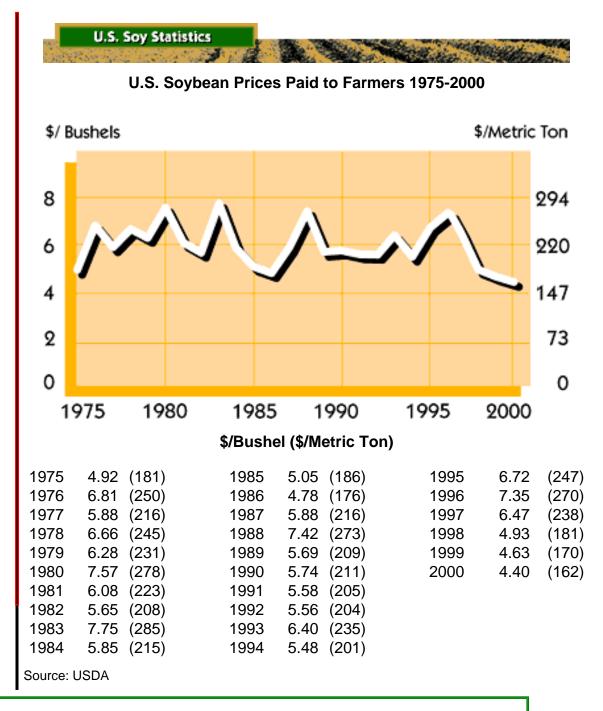
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U.S. Soybean Production Costs and Returns 1999 \$/Planted Acre (Hectare)

Gross value of production

Gross value of production		
Soybeans	178.00	(439.83)
Total, gross value of production	178.00	(439.83)
Operating Costs:		
Seed	19.25	(47.57)
Fertilizer	7.96	(19.67)
Soil Conditioners	0.10	(0.25)
Manures	0.79	(1.95)
Chemicals	24.88	(61.48)
Custom operations	5.86	(14.48)
Fuel, lube, electricity	5.90	(14.58)
Repairs	9.79	(24.19)
Purchased irrigation water	0.05	(0.12)
Interest on operating capital	1.75	(4.32)
Total, operating costs	76.33	(188.61)
Allocated overhead:		
Hired Labor	2.01	(4.97)
Opportunity cost of unpaid labor	18.46	(45.61)
Capital recovery of machinery and equipment	51.58	(127.45)
Opportunity cost of land (rental rate)	79.74	(197.03)
Taxes and insurance	6.77	(16.73)
General farm overhead	14.13	(34.91)
Total, allocated overhead	172.69	(426.71)
Total cost listed	249.02	(615.32)
Value of production less total costs listed	(71.02)	(175.49)
Value of production less operating costs	101.67	251.22
Supporting information:		
Yield (bushels per planted acre, metric tons per hectare)	40	2.69
Price (\$ per bushel, \$ per metric ton)	4.45	163
Enterprise size (planted acres, hectares) 1/	220	89
Production practices:		
Irrigated (percent)	5	5

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Soybean Area Planted by State

2001 Soy Stats

Welcome U.S. Soy Statistics State Soy Statistics Area Planted Crop Yield Production Price to Farmers Crop Value

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World Statistics

State Soy Statistics Soybean Area Planted by State 2000



Thousand Acres (Thousand Hectares)

Alabama	190 (77)	Louisiana	930 (376)	N. Dakota	1,900 (769)
Arkansas	3,350 (1,356)	Maryland	520 (210)	Ohio	4,450 (1,801)
Delaware	215 (87)	Michigan	2,100 (850)	Oklahoma	460 (186)
Florida	20 (8)	Minnesota	7,300 (2,954)	Pennsylvania	400 (162)
Georgia	180 (73)	Mississippi	1,700 (688)	S. Carolina	460 (186)
Illinois	10,500 (4,249)	Missouri	5,150 (2,084)	S. Dakota	4,400 (1,781)
Indiana	5,650 (2,287)	Nebraska	4,650 (1882)	Tennessee	1,180 (478)
Iowa	10,700 (4,330)	New Jersey	100 (40)	Texas	290 (117)
Kansas	2,950 (1,194)	New York	135 (55)	Virginia	500 (202)
Kentucky	1,200 (486)	N. Carolina	1,400 (567)	Wisconsin	1,500 (607)

Source: USDA

Soybean Yield by State 2000

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Area Planted ➡ Crop Yield Production Price to Farmers Crop Value

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Soybean Yield by State 2000



Bushels/Acre (Metric Tons/Hectare)

Alabama	18.0	(1.21)	Louisiana	26.0	(1.75)	N. Dakota	33.0	(2.22)
Arkansas	26.0	(1.75)	Maryland	43.0	(2.89)	Ohio	42.0	(2.82)
Delaware	43.0	(2.89)	Michigan	36.0	(2.42)	Oklahoma	15.0	(1.01)
Florida	19.0	(1.28)	Minnesota	41.0	(2.76)	Pennsylvania	43.0	(2.89)
Georgia	24.0	(1.61)	Mississippi	22.0	(1.48)	S. Carolina	25.0	(1.68)
Illinois	44.0	(2.96)	Missouri	35.0	(2.35)	S. Dakota	35.0	(2.35)
Indiana	46.0	(3.09)	Nebraska	38.0	(2.56)	Tennessee	25.0	(1.68)
Iowa	43.0	(2.89)	New Jersey	40.0	(2.69)	Texas	27.0	(1.82)
Kansas	20.0	(1.34)	New York	33.0	(2.22)	Virginia	39.0	(2.62)
Kentucky	39.0	(2.62)	N. Carolina	33.0	(2.22)	Wisconsin	40.0	(2.69)

Source: USDA

Soybean Production by State 2000

2001 Soy Stats

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State Soy Statistics
Area Planted

Crop Yield

Production Price to Farmers Crop Value

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Soybean Production by State 2000



Million Bushels (Million Metric Tons)

		00	(0, (0)		14	(4 (1)
3 (0.08)	Louisiana	23	(0.62)	N. Dakota	61	(1.66)
83 (2.26)	Maryland	22	(0.60)	Ohio	186	(5.08)
9 (0.25)	Michigan	75	(2.04)	Oklahoma	5	(0.13)
0.3 (0.01)	Minnesota	293	(7.98)	Pennsylvania	17	(0.46)
4 (0.10)	Mississippi	35	(0.95)	S. Carolina	11	(0.30)
460 (12.51)	Missouri	175	(4.76)	S. Dakota	153	(4.16)
259 (7.05)	Nebraska	174	(4.73)	Tennessee	29	(0.78)
459 (12.50)	New Jersey	4	(0.11)	Texas	7	(0.19)
50 (1.36)	New York	4	(0.12)	Virginia	19	(0.52)
46 (1.25)	N. Carolina	45	(1.22)	Wisconsin	58	(1.58)
	83 (2.26) 9 (0.25) 0.3 (0.01) 4 (0.10) 460 (12.51) 259 (7.05) 459 (12.50) 50 (1.36)	83 (2.26) Maryland 9 (0.25) Michigan 0.3 (0.01) Minnesota 4 (0.10) Mississippi 460 (12.51) Missouri 259 (7.05) Nebraska 459 (12.50) New Jersey 50 (1.36) New York	83(2.26)Maryland229(0.25)Michigan750.3(0.01)Minnesota2934(0.10)Mississippi35460(12.51)Missouri175259(7.05)Nebraska174459(12.50)New Jersey450(1.36)New York4	83 (2.26) Maryland 22 (0.60) 9 (0.25) Michigan 75 (2.04) 0.3 (0.01) Minnesota 293 (7.98) 4 (0.10) Mississippi 35 (0.95) 460 (12.51) Missouri 175 (4.76) 259 (7.05) Nebraska 174 (4.73) 459 (12.50) New Jersey 4 (0.11) 50 (1.36) New York 4 (0.12)	83 (2.26) Maryland 22 (0.60) Ohio 9 (0.25) Michigan 75 (2.04) Oklahoma 0.3 (0.01) Minnesota 293 (7.98) Pennsylvania 4 (0.10) Mississippi 35 (0.95) S. Carolina 460 (12.51) Missouri 175 (4.76) S. Dakota 259 (7.05) Nebraska 174 (4.73) Tennessee 459 (12.50) New Jersey 4 (0.11) Texas 50 (1.36) New York 4 (0.12) Virginia	83 (2.26) Maryland 22 (0.60) Ohio 186 9 (0.25) Michigan 75 (2.04) Oklahoma 5 0.3 (0.01) Minnesota 293 (7.98) Pennsylvania 17 4 (0.10) Mississippi 35 (0.95) S. Carolina 11 460 (12.51) Missouri 175 (4.76) S. Dakota 153 259 (7.05) Nebraska 174 (4.73) Tennessee 29 459 (12.50) New Jersey 4 (0.11) Texas 7 50 (1.36) New York 4 (0.12) Virginia 19

Source: USDA

Soybean Price to Farmers by State 2000

2001 Soy Stats

Welcome U.S. Soy Statistics

State Soy Statistics

Area Planted **Crop Yield** Production

➡ Price to Farmers **Crop Value**

Consumption & Exports

World Statistics

State Soy Statistics

Soybean Price to Farmers by State 2000



\$/Bushel (\$/Metric Ton)

Alabama	4.75	(175)	Louisiana	5.05	(186)	N. Dakota	4.20	(154)
Arkansas	4.90	(180)	Maryland	4.60	(169)	Ohio	4.80	(176)
Delaware	4.60	(169)	Michigan	4.75	(175)	Oklahoma	4.30	(158)
Florida	4.45	(163)	Minnesota	4.60	(169)	Pennsylvania	4.40	(162)
Georgia	4.50	(165)	Mississippi	5.00	(184)	S. Carolina	4.50	(165)
Illinois	4.85	(178)	Missouri	4.75	(175)	S. Dakota	4.45	(163)
Indiana	4.75	(175)	Nebraska	4.70	(173)	Tennessee	4.80	(176)
Iowa	4.75	(175)	New Jersey	4.40	(162)	Texas	4.35	(160)
Kansas	4.75	(175)	New York	4.55	(167)	Virginia	4.20	(154)
Kentucky	4.85	(178)	N. Carolina	4.65	(171)	Wisconsin	4.70	(173)

Source: USDA Crop Value 2000 Summary Preliminary Data

Selcome 💙

U.S. Soy Statistics

State Soy Statistics

Area Planted Crop Yield Production Price to Farmers

➡ Crop Value

Consumption & Exports

World Statistics

S	late Soy Statis	itics			
		Soybean Valu	e by State	e 2000	
		\$ N	lillion		
Alabama	14	Louisiana	114	N. Dakota	256
Arkansas	408	Maryland	102	Ohio	895
Delaware	42	Michigan	356	Oklahoma	20
Florida	1	Minnesota	1,348	Pennsylvania	75
Georgia	17	Mississippi	174	S. Carolina	50
Illinois	2,230	Missouri	831	S. Dakota	681
Indiana	1,230	Nebraska	817	Tennessee	138
Iowa	2,181	New Jersey	17	Texas	31
Kansas	238	New York	20	Virginia	80
I					

Soybean Value As % Total Principal Crops Value by State 2000*

209

Wisconsin

273

N. Carolina

Alabama	3%	Louisiana	11%	N. Dakota	11%
Arkansas	23%	Maryland	23%	Ohio	34%
Delaware	26%	Michigan	18%	Oklahoma	2%
Florida	<1%	Minnesota	31%	Pennsylvania	5%
Georgia	1%	Mississippi	19%	S. Carolina	9 %
Illinois	38%	Missouri	35%	S. Dakota	31%
Indiana	39%	Nebraska	23%	Tennessee	13%
lowa	38%	New Jersey	6%	Texas	1%
Kansas	8%	New York	2%	Virginia	10%
Kentucky	13%	N. Carolina	10%	Wisconsin	16%

*Includes field crops, fruits & nuts, and commercial vegetables.

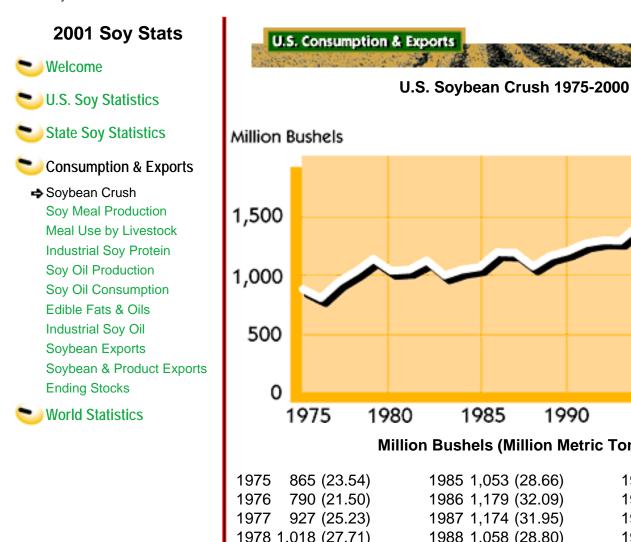
223

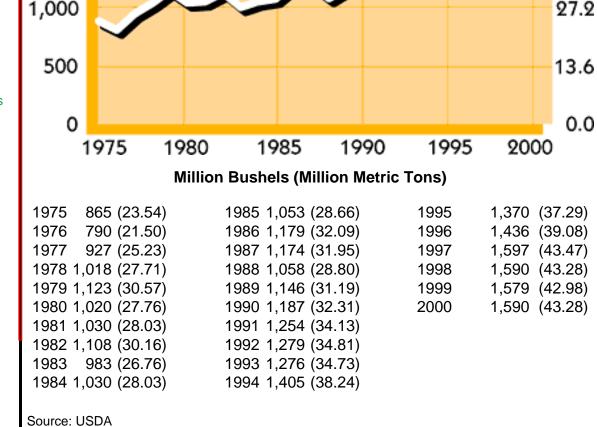
Kentucky

Source: USDA Crop Value 2000 Summary Preliminary Data



U.S. Soybean Crush 1975-2000



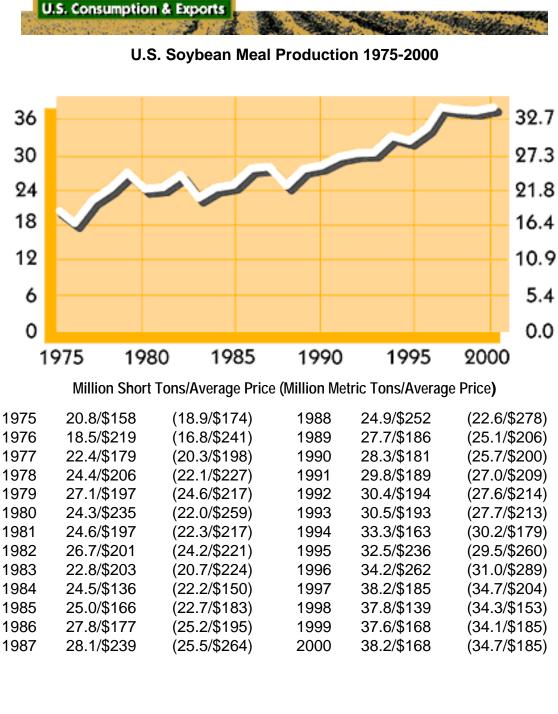


Million Metric Tons

40.8



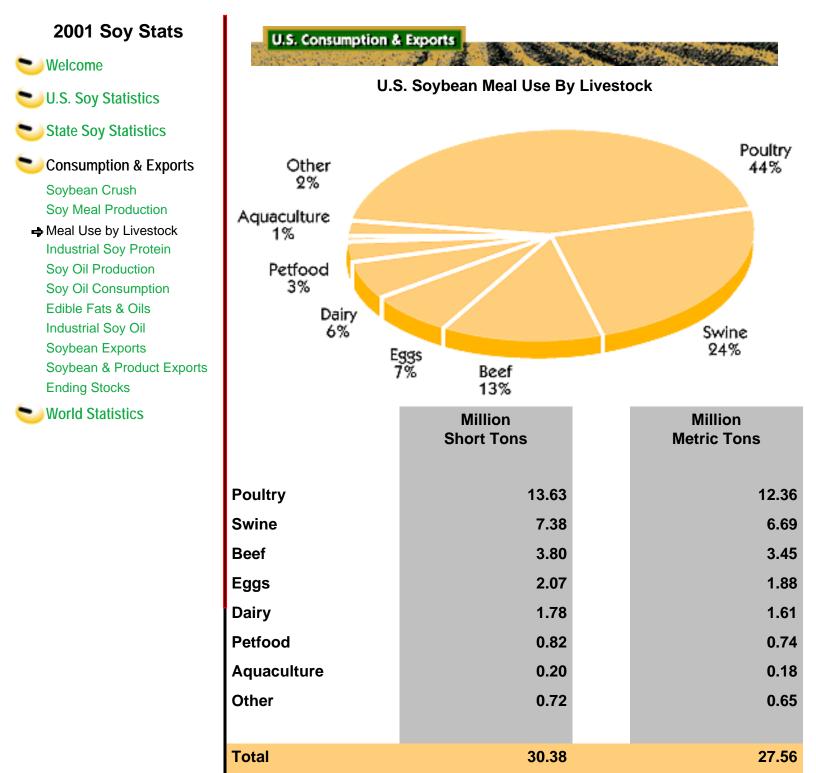




Source: USDA

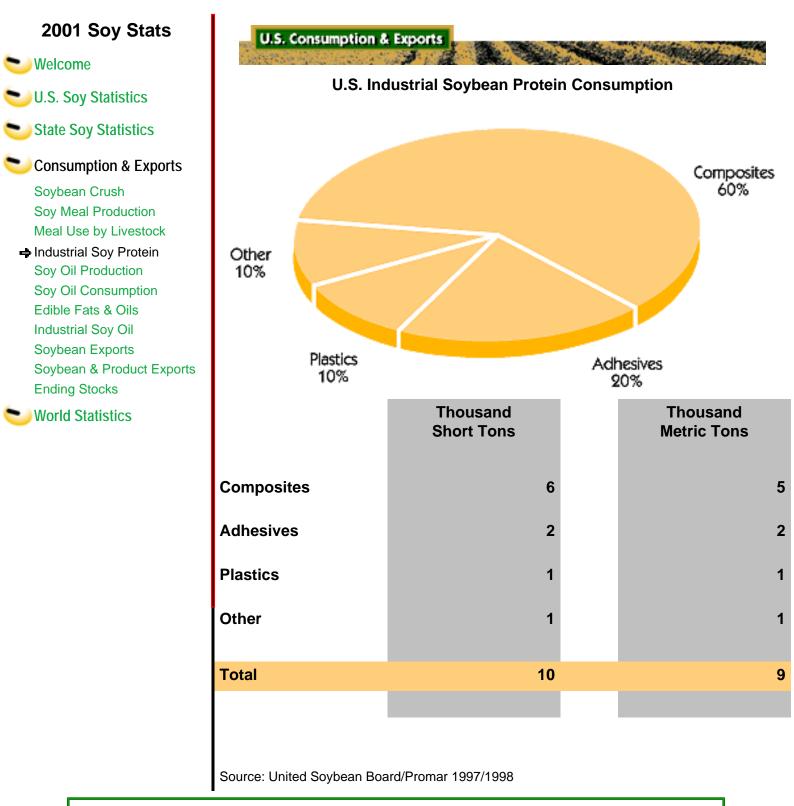


U.S. Soybean Meal Use By Livestock



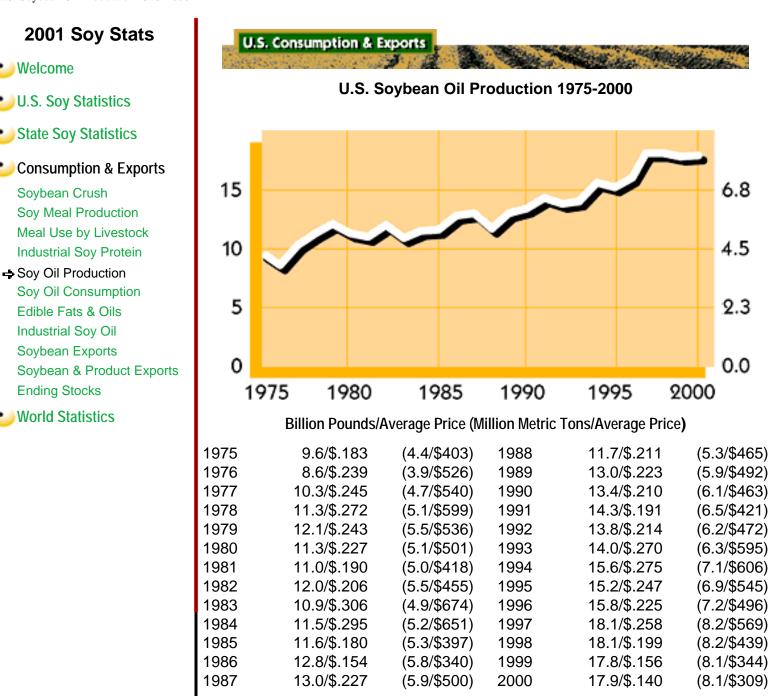
Source: United Soybean Board/Promar 1999/2000

U.S. Industrial Soybean Protein Consumption



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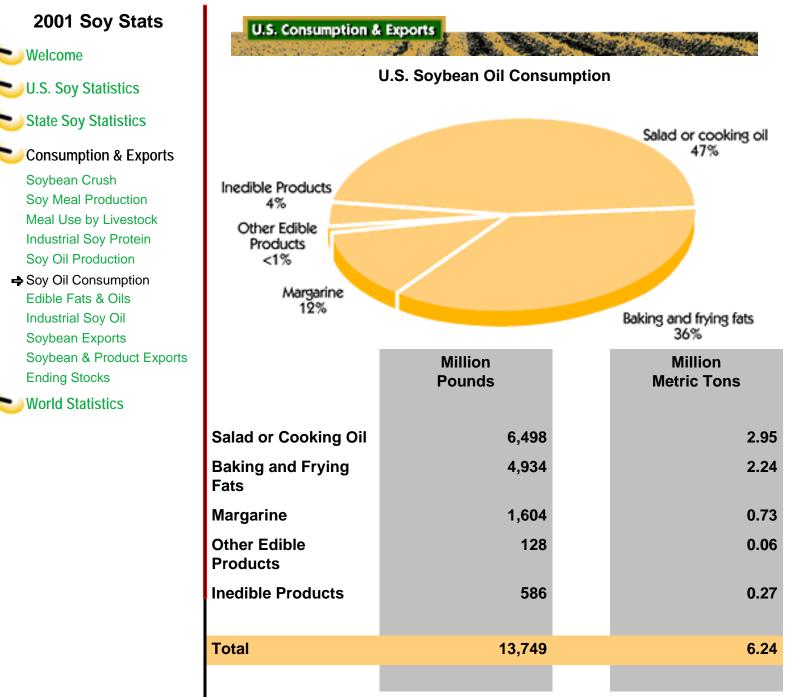
U.S. Soybean Oil Production 1975-2000



Source: USDA



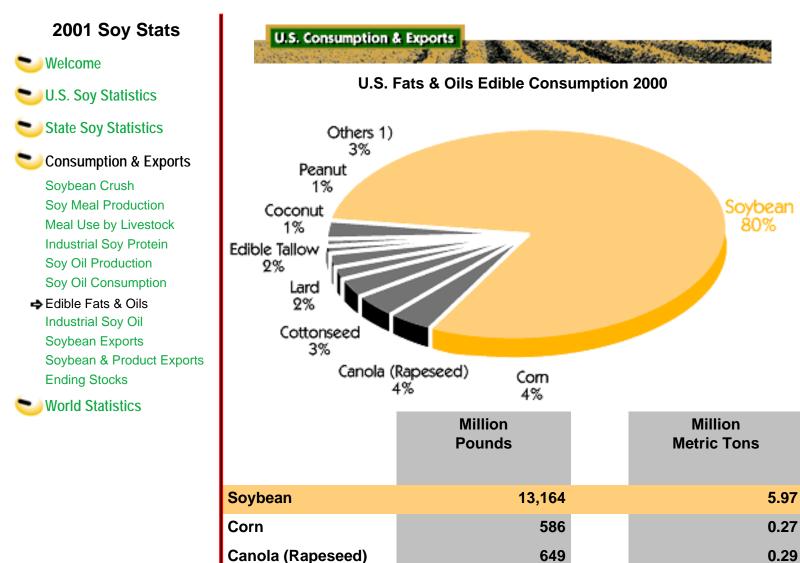
U.S. Soybean Oil Consumption



Source: U.S. Census Bureau, Calendar Year

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file:///MI/SoyGrowers/SoyStats/page_28.htm



488

249

270

232

240

411

16,289

0.22

0.11

0.12

0.11

0.11

0.19

7.39

Source: U.S. Census Bureau, Calendar Year
¹⁾ Others include sunflower, safflower, palm, palm kernel, and others.

Cottonseed

Edible Tallow

Coconut

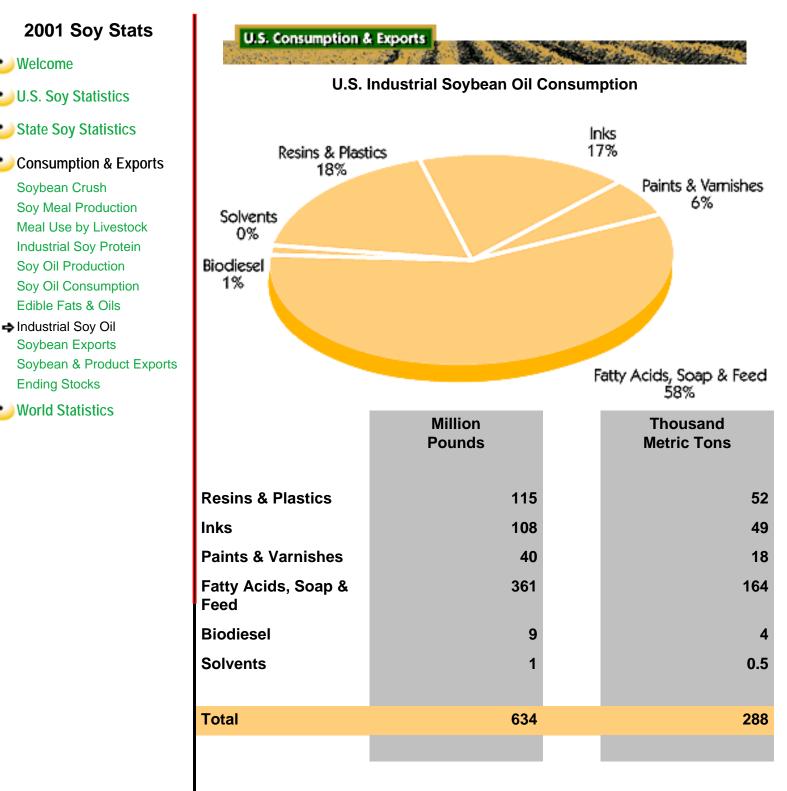
Peanut

Other 1)

Total

Lard

U.S. Industrial Soybean Oil Consumption



Source: United Soybean Board/Promar 1999/2000

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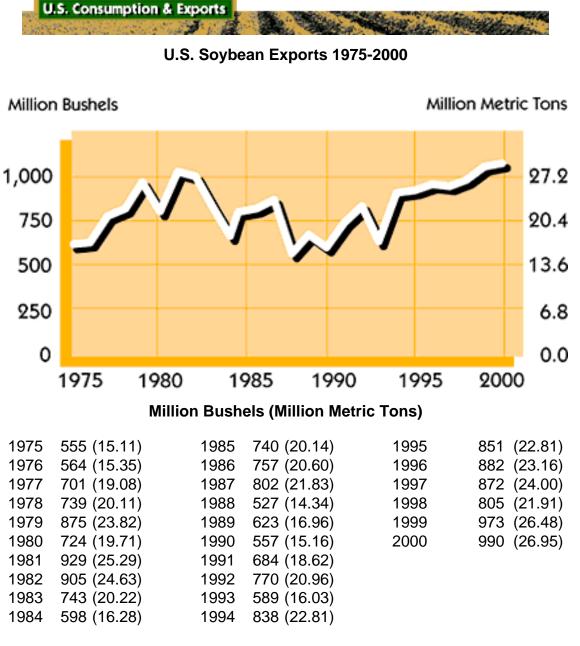
2001 Soy Stats

Welcome U.S. Soy Statistics

- **State Soy Statistics**
- **Consumption & Exports**

Soybean Crush Soy Meal Production Meal Use by Livestock Industrial Soy Protein Soy Oil Production Soy Oil Consumption Edible Fats & Oils Industrial Soy Oil

- Soybean Exports Soybean & Product Exports **Ending Stocks**
- World Statistics



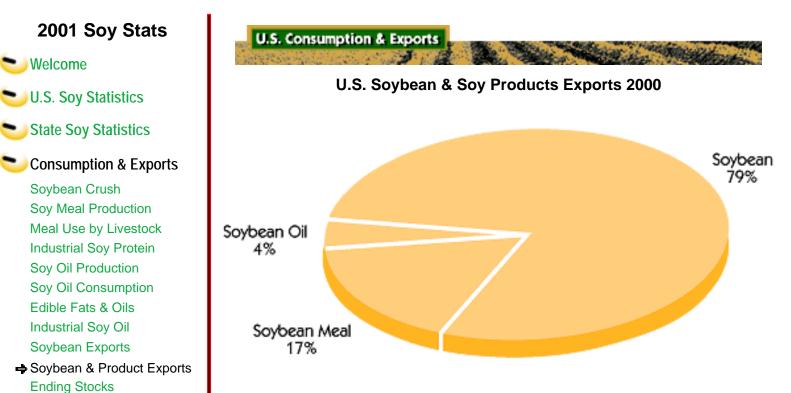
Source: USDA

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U.S. Soybean & Soy Products Exports 2000

World Statistics



Top Ten U.S. Export Customers \$ Million

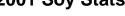
Soybean Exports		Soybean Export		Soybean Export	
European	\$1,143	Philippines	\$166	Mexico	\$39
Union		Canada	\$161	Korea	\$34
China	\$1008	Indonesia	\$69	India	\$25
Japan	\$758	Dominican	\$65	Peru	\$20
Mexico	\$678	Republic		Canada	\$16
Taiwan	\$385	Saudi Arabia	\$63	Ethiopia	\$10
Korea	\$259	Egypt	\$50	Jamaica	\$8
Indonesia	\$164	Turkey	\$49	El Salvador	\$8
Thailand	\$145	Venezuela	\$48	Haiti	\$8
Israel	\$95	Japan	\$47	Nicaraqua	\$7
Canada	\$72	Algeria	\$40	All Others	\$77
All Others	\$538	All Others	\$404	Total	\$253
Total	\$5,244	Total	\$1,163		,

Source: USDA Calendar Year

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2001 Soy Stats





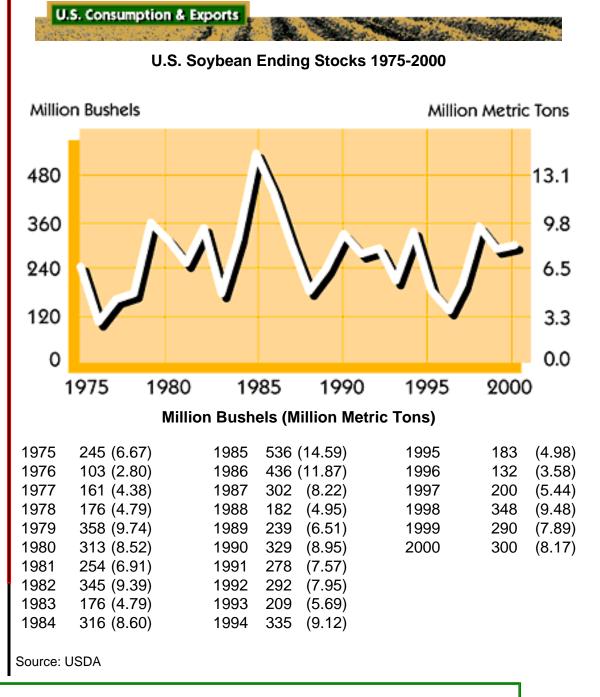
State Soy Statistics

Consumption & Exports

Soybean Crush Soy Meal Production Meal Use by Livestock Industrial Soy Protein Soy Oil Production Soy Oil Consumption Edible Fats & Oils Industrial Soy Oil Soybean Exports Soybean & Product Exports

Ending Stocks

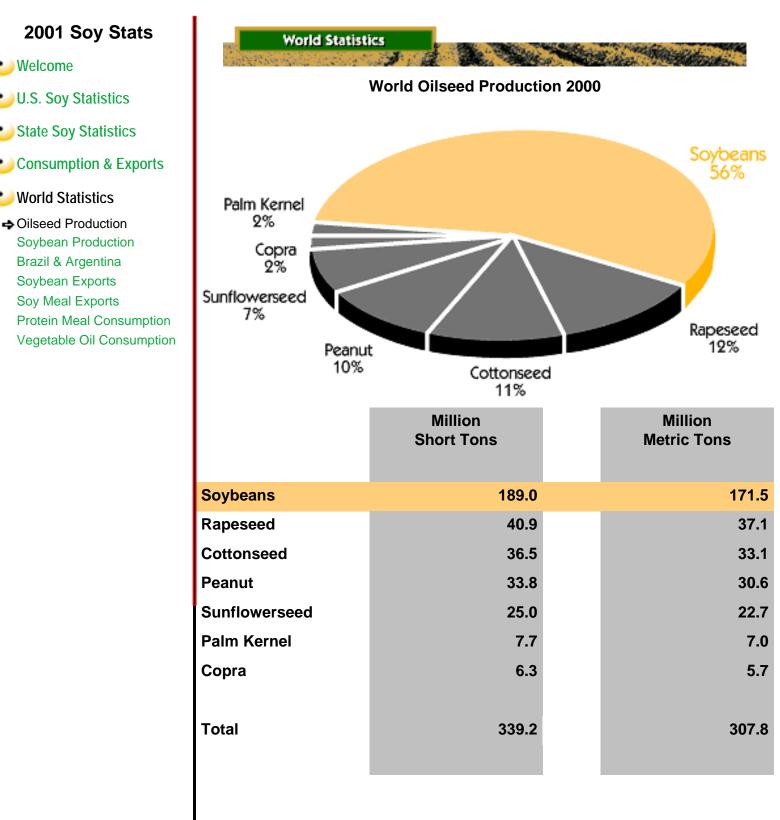
World Statistics



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World Oilseed Production 2000

Welcome

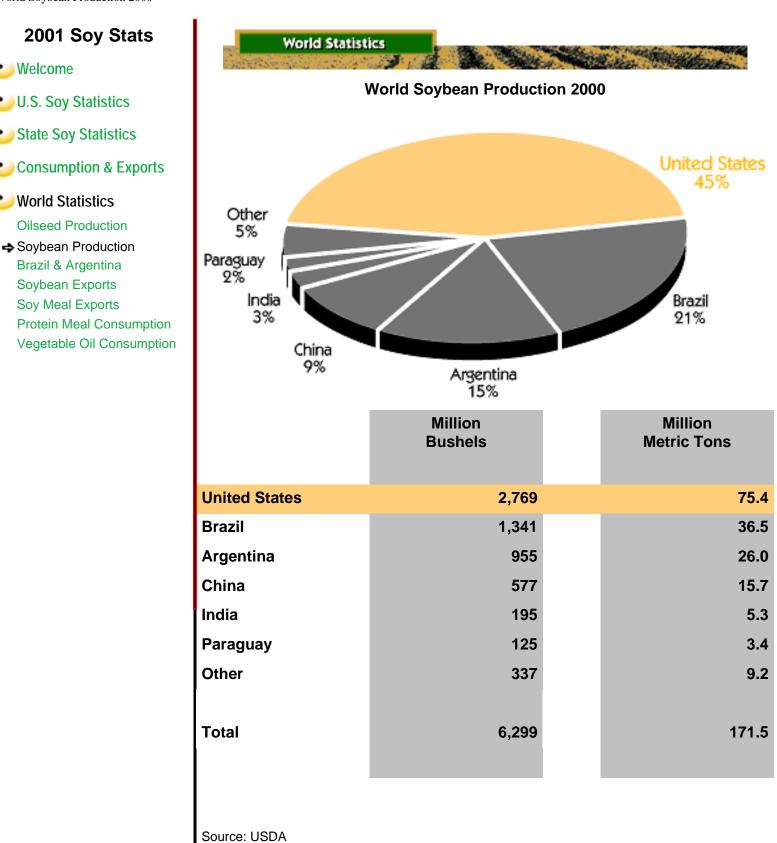


Source: USDA

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World Soybean Production 2000



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2001 Soy Stats

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- State Soy Statistics
- Consumption & Exports

芝 World Statistics

Oilseed Production Soybean Production

Brazil & Argentina Soybean Exports Soy Meal Exports Protein Meal Consumption Vegetable Oil Consumption



Million Bushels (Million Metric Tons)

Brazil

Argentina

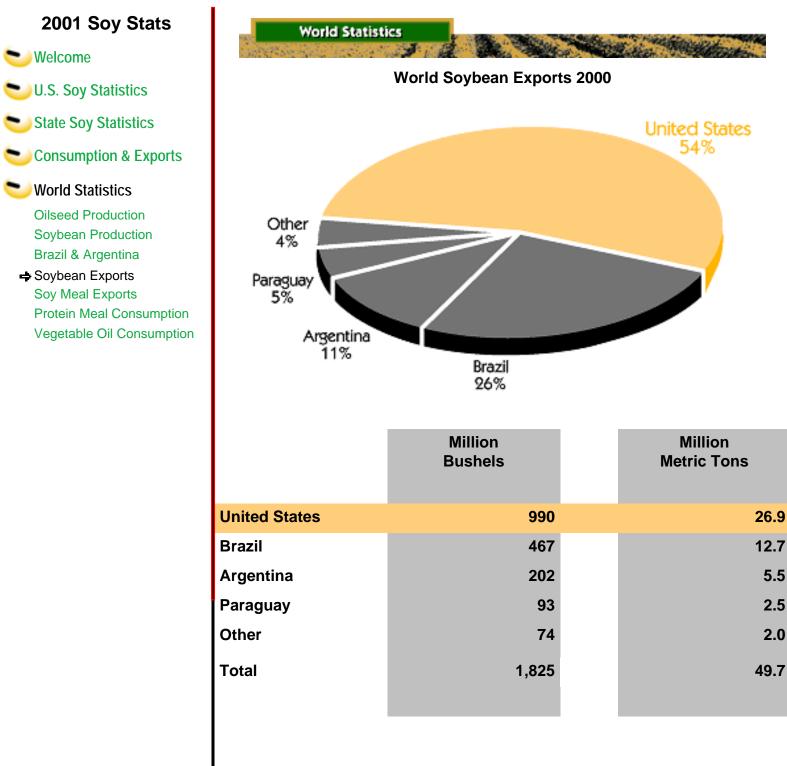
1975 413 (11.24)	1988 85	3 (23.22)	1975	26 (0.71)	1988 239	(6.51)
1976 460 (12.52)	1989 74	7 (20.33)	1976	51 (1.39)	1989 395	(10.75)
1977 351 (9.55)	1990 57	9 (15.76)	1977	99 (2.69)	1990 423	(11.51)
1978 376 (10.23)	1991 70	9 (19.30)		136 (3.70)		• •
1979 557 (15.16)	1992 82	27 (22.51)	1979	132 (3.59)	1992 417	(11.35)
1980 559 (15.22)	1993 90	7 (24.69)	1980	129 (3.51)	1993 456	(12.41)
1981 472 (12.85)	1994 95	2 (25.91)	1981	153 (4.16)	1994 459	(12.49)
1982 542 (14.75)	1995 88	37 (24.15)	1982	154 (4.19)	1995 457	(12.44)
1983 571 (15.54)	1996 100	3 (27.30)	1983	257 (7.00)	1996 411	(11.20)
1984 672 (18.29)	1997 119	4 (32.50)	1984	248 (6.75)	1997 716	(19.50)
1985 581 (14.10)	1998 115	60 (31.30)	1985	268 (7.29)	1998 735	(20.00)
1986 636 (17.31)	1999 124	9 (34.00)		257 (7.00)		. ,
1987 662 (18.02)		· /	1987	356 (9.69)	2000 955	(26.00)
, , , , , , , , , , , , , , , , , , ,		. ,		· · /		. ,

Source: USDA

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World Soybean Exports 2000



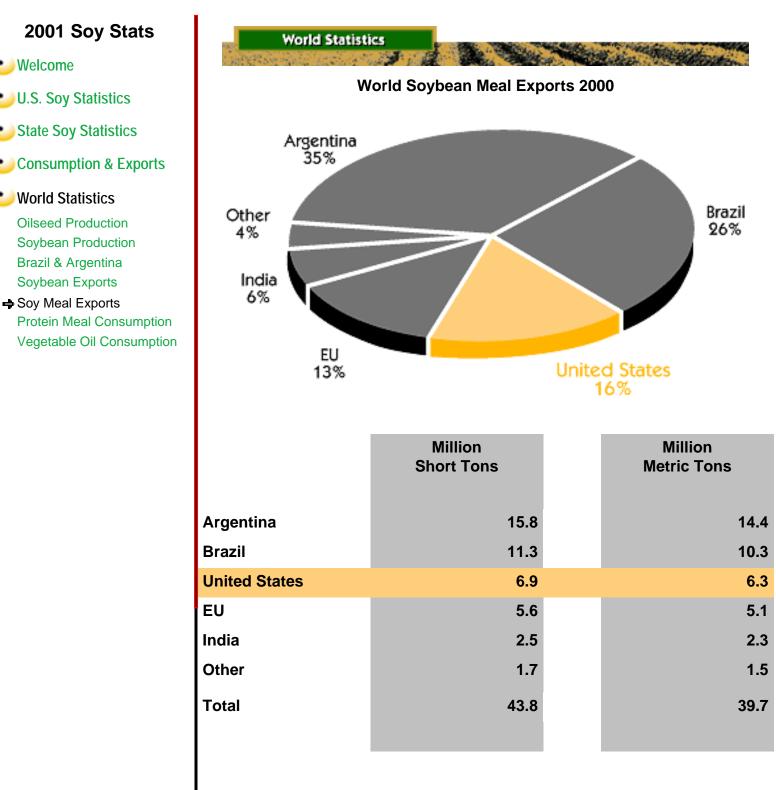
Source: USDA

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World Soybean Meal Exports 2000

Welcome

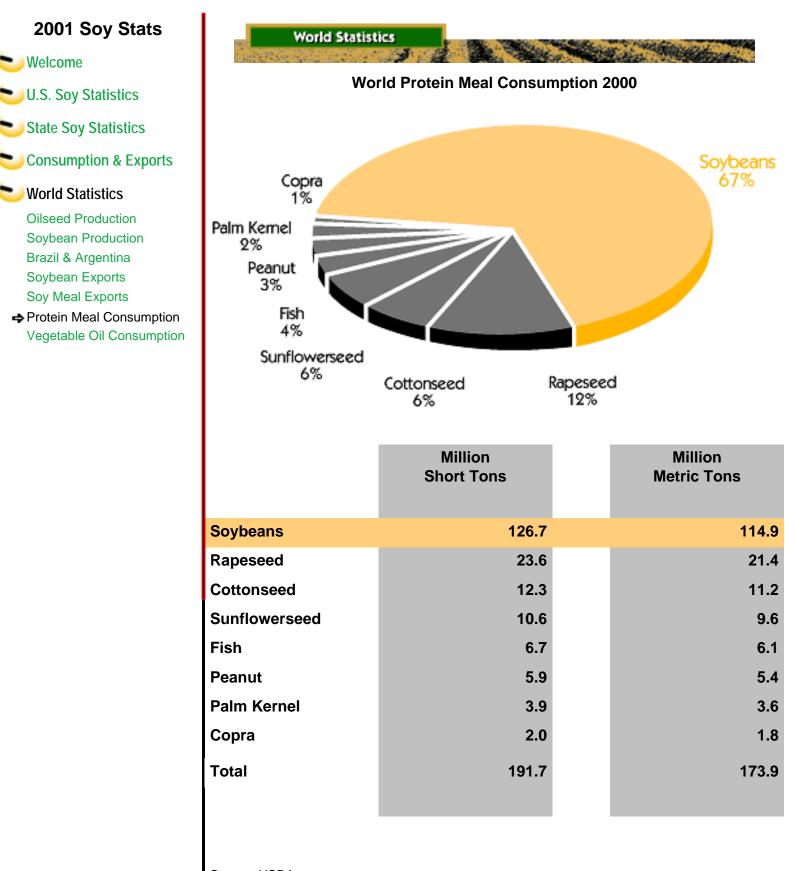


Source: USDA

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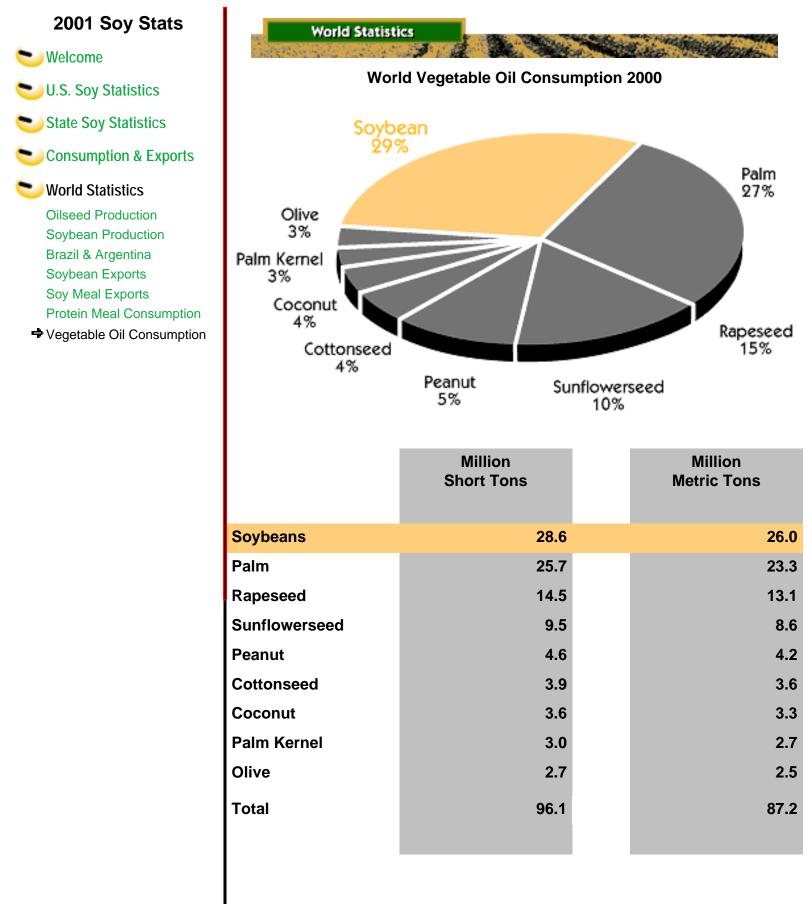
World Protein Meal Consumption 2000

Welcome



Source: USDA

World Vegetable Oil Consumption 2000



Source: USDA

U.S./Metric Conversion Table

A Bushel of Soybeans Weighs 60 Pounds

1 Metric Ton	=	36.74 Bushels of Soybeans
1 Metric Ton	=	2,200 Pounds
1 Metric Ton	=	1.1 Short Tons
1 Hectare	=	2.471 Acres