

Full Planet, Empty Plates

Supporting Data for Chapter 3: Moving Up the Food Chain

MEAT AND FEEDGRAINS

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[Feedgrain Use in China and the United States, 1960-2011](#)

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A full listing of data for the entire book is on-line at:

http://www.earth-policy.org/books/fpep/fpep_data

This is part of a supporting dataset for Lester R. Brown, **Full Planet, Empty Plates: The New Geopolitics of Food Scarcity** (New York: W.W. Norton & Company, 2012). For more information, see Earth Policy Institute on-line at www.earth-policy.org.

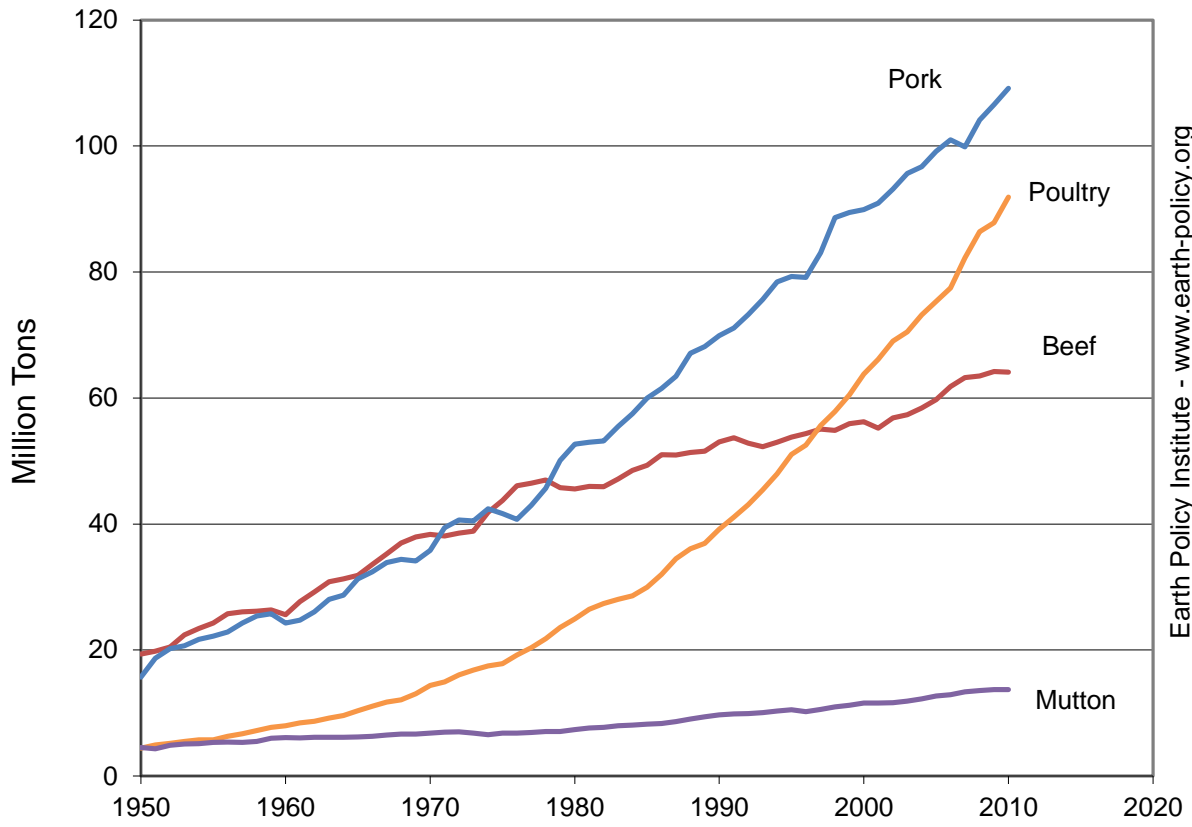
World Meat Production by Type, 1950-2010

Year	Beef	Pork	Poultry	Mutton
	Million Tons			
1950	19	16	4	5
1951	20	19	5	4
1952	20	20	5	5
1953	22	21	5	5
1954	23	22	6	5
1955	24	22	6	5
1956	26	23	6	5
1957	26	24	7	5
1958	26	25	7	6
1959	26	26	8	6
1960	26	24	8	6
1961	28	25	8	6
1962	29	26	9	6
1963	31	28	9	6
1964	31	29	10	6
1965	32	31	10	6
1966	34	32	11	6
1967	35	34	12	6
1968	37	34	12	7
1969	38	34	13	7
1970	38	36	14	7
1971	38	39	15	7
1972	39	41	16	7
1973	39	40	17	7
1974	42	42	17	7
1975	44	42	18	7
1976	46	41	19	7
1977	46	43	20	7
1978	47	46	22	7
1979	46	50	24	7
1980	46	53	25	7
1981	46	53	26	8
1982	46	53	27	8
1983	47	55	28	8
1984	48	57	29	8
1985	49	60	30	8
1986	51	62	32	8
1987	51	63	34	9
1988	51	67	36	9
1989	52	68	37	9
1990	53	70	39	10
1991	54	71	41	10
1992	53	73	43	10
1993	52	76	45	10
1994	53	78	48	10
1995	54	79	51	11
1996	54	79	53	10
1997	55	83	56	11
1998	55	89	58	11
1999	56	89	60	11
2000	56	90	64	12
2001	55	91	66	12
2002	57	93	69	12
2003	57	96	71	12
2004	58	97	73	12
2005	60	99	75	13
2006	62	101	77	13
2007	63	100	82	13
2008	63	104	86	14
2009	64	107	88	14
2010	64	109	92	14

Source: Compiled by Earth Policy Institute with 1950-1960 data from Worldwatch Institute, *Signposts 2002*, CD-ROM (Washington, DC: 2002); 1961-2010 data from U.N. Food and Agriculture Organization, *FAOSTAT*, electronic database, at faostat.fao.org, updated 7 August 2012.

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World Meat Production by Type, 1950-2010



Source: Worldwatch, FAO

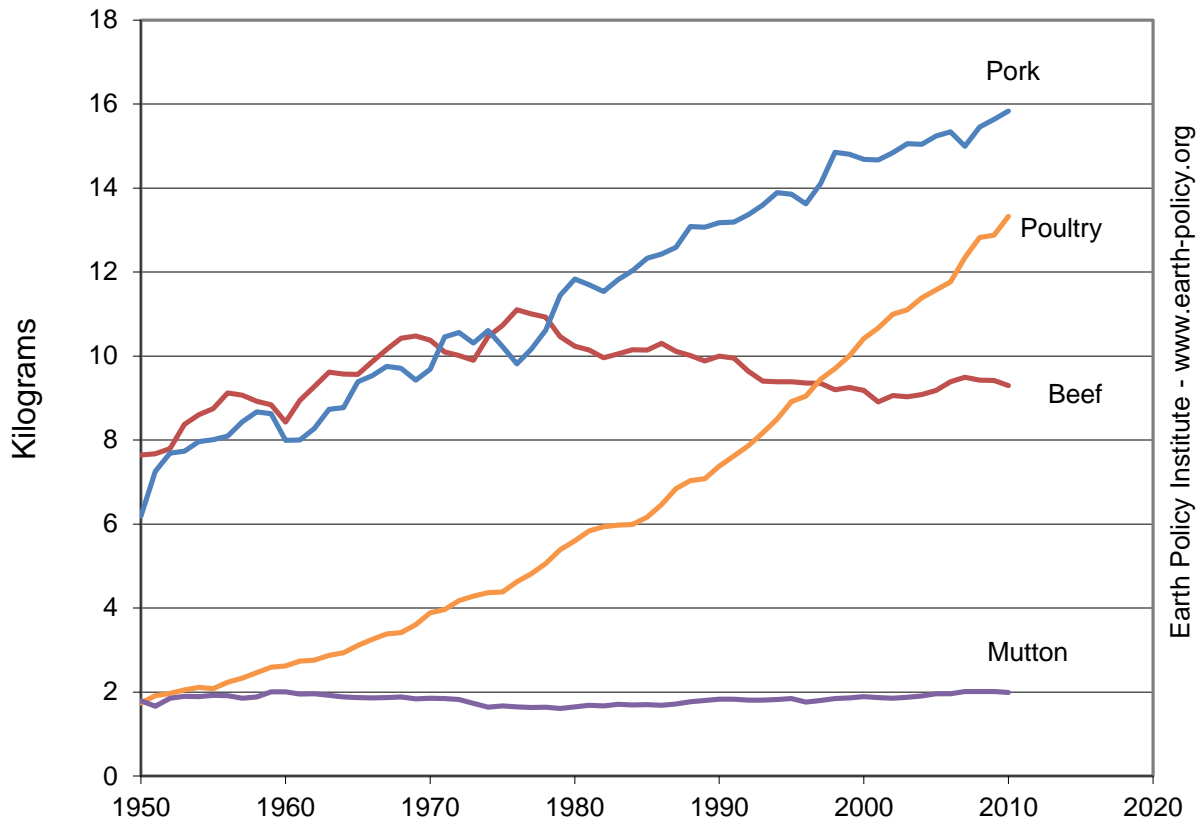
World Meat Production Per Person by Type, 1950-2010

Year	Beef	Pork	Poultry	Mutton
Kilograms				
1950	7.6	6.2	1.7	1.8
1951	7.7	7.3	1.9	1.7
1952	7.8	7.7	2.0	1.8
1953	8.4	7.7	2.1	1.9
1954	8.6	8.0	2.1	1.9
1955	8.8	8.0	2.1	1.9
1956	9.1	8.1	2.2	1.9
1957	9.1	8.4	2.3	1.9
1958	8.9	8.7	2.5	1.9
1959	8.8	8.6	2.6	2.0
1960	8.4	8.0	2.6	2.0
1961	8.9	8.0	2.7	1.9
1962	9.3	8.3	2.8	2.0
1963	9.6	8.7	2.9	1.9
1964	9.6	8.8	2.9	1.9
1965	9.6	9.4	3.1	1.9
1966	9.9	9.5	3.3	1.9
1967	10.2	9.8	3.4	1.9
1968	10.4	9.7	3.4	1.9
1969	10.5	9.4	3.6	1.8
1970	10.4	9.7	3.9	1.8
1971	10.1	10.5	4.0	1.8
1972	10.0	10.6	4.2	1.8
1973	9.9	10.3	4.3	1.7
1974	10.5	10.6	4.4	1.6
1975	10.7	10.2	4.4	1.7
1976	11.1	9.8	4.6	1.6
1977	11.0	10.2	4.8	1.6
1978	10.9	10.6	5.1	1.6
1979	10.5	11.4	5.4	1.6
1980	10.2	11.8	5.6	1.6
1981	10.1	11.7	5.8	1.7
1982	10.0	11.5	5.9	1.7
1983	10.0	11.8	6.0	1.7
1984	10.1	12.0	6.0	1.7
1985	10.1	12.3	6.2	1.7
1986	10.3	12.4	6.5	1.7
1987	10.1	12.6	6.8	1.7
1988	10.0	13.1	7.0	1.8
1989	9.9	13.1	7.1	1.8
1990	10.0	13.2	7.4	1.8
1991	10.0	13.2	7.6	1.8
1992	9.6	13.4	7.9	1.8
1993	9.4	13.6	8.2	1.8
1994	9.4	13.9	8.5	1.8
1995	9.4	13.9	8.9	1.8
1996	9.4	13.6	9.0	1.8
1997	9.3	14.1	9.4	1.8
1998	9.2	14.9	9.7	1.8
1999	9.3	14.8	10.0	1.9
2000	9.2	14.7	10.4	1.9
2001	8.9	14.7	10.7	1.9
2002	9.1	14.8	11.0	1.9
2003	9.0	15.1	11.1	1.9
2004	9.1	15.0	11.4	1.9
2005	9.2	15.2	11.6	2.0
2006	9.4	15.3	11.8	2.0
2007	9.5	15.0	12.3	2.0
2008	9.4	15.5	12.8	2.0
2009	9.4	15.6	12.9	2.0
2010	9.3	15.8	13.3	2.0

Source: Compiled by Earth Policy Institute with 1950-1960 meat data from Worldwatch Institute, *Signposts 2002*, CD-ROM (Washington, DC: 2002); 1961-2010 meat data from U.N. Food and Agriculture Organization, *FAOSTAT*, electronic database, at faostat.fao.org, updated 7 August 2012; world population data from U.N. Population Division, *World Population Prospects: The 2010 Revision*, electronic database, at esa.un.org/unpd/wpp/index.htm, updated 3 May 2011.

This is part of a supporting dataset for Lester R. Brown, **Full Planet, Empty Plates: The New Geopolitics of Food Scarcity** (New York: W.W. Norton & Company, 2012). For more information, see Earth Policy Institute on-line at www.earth-policy.org.

World Meat Production Per Person by Type, 1950-2010



Source: Worldwatch, FAO, UNPop

Meat Consumption in Top Ten Countries, 2009

Rank	Country	Consumption Million Tons
1	China	79.6
2	United States	37.1
3	Brazil	16.5
4	Russia	9.0
5	Germany	7.3
6	Mexico	7.1
7	Japan	5.9
8	France	5.5
9	Italy	5.5
10	India	5.3
	World	282.0

Note: Meat includes beef, pork, poultry, sheep, goats, and other animals.

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

This is part of a supporting dataset for Lester R. Brown, **Full Planet, Empty Plates: The New Geopolitics of Food Scarcity** (New York: W.W. Norton & Company, 2012). For more information, see Earth Policy Institute on-line at www.earth-policy.org.

Meat Consumption Per Person in Top Ten Countries, 2009

Rank	Country	Consumption
		Kilograms Per Person Per Year
1	United States	120.2
2	Kuwait	119.2
3	Australia	111.5
4	Bahamas	109.5
5	Luxembourg	107.9
6	New Zealand	106.4
7	Austria	102.0
8	French Polynesia	101.9
9	Bermuda	101.7
10	Argentina	98.3
	World	41.9

Note: Meat includes beef, pork, poultry, sheep, goats, and other animals.

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

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Beef Consumption in Top Ten Countries, 2009

<u>Country</u>	<u>Consumption</u> Million Tons
United States	12.3
Brazil	7.3
China	6.6
Argentina	2.7
Russia	2.5
India	2.0
Mexico	2.0
France	1.6
Italy	1.4
Pakistan	1.4
<u>World</u>	<u>64.7</u>

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

This is part of a supporting dataset for Lester R. Brown, **Full Planet, Empty Plates: The New Geopolitics of Food Scarcity** (New York: W.W. Norton & Company, 2012). For more information, see Earth Policy Institute on-line at www.earth-policy.org.

Beef Consumption Per Person in Top Ten Countries, 2009

Country	Consumption
	Kilograms Per Person Per Year
Argentina	54.1
United States	39.8
Australia	38.7
Brazil	37.9
Canada	30.9
New Zealand	27.6
Turkmenistan	26.9
Lebanon	26.3
Bolivia	26.1
Denmark	26.0
World	9.6

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

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Pork Consumption in Top Ten Countries, 2009

<u>Country</u>	<u>Consumption</u> Million Tons
China	50.3
United States	9.2
Germany	4.5
Viet Nam	3.0
Russia	2.8
Italy	2.6
Japan	2.6
Brazil	2.3
Spain	2.2
Poland	2.0
<u>World</u>	<u>106.2</u>

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

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Pork Consumption Per Person in Top Ten Countries, 2009

Country	Consumption
	Kilograms Per Person Per Year
Austria	65.6
Germany	54.6
Lithuania	50.6
Poland	50.4
Spain	48.9
Denmark	48.3
Czech Republic	44.7
Croatia	44.1
Hungary	43.8
Portugal	42.9
World	15.8

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

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Poultry Consumption in Top Ten Countries, 2009

<u>Country/Region</u>	<u>Consumption</u> Million Tons
China	17.2
United States	15.2
Brazil	6.8
Mexico	3.3
Russia	3.3
Japan	2.2
India	2.1
United Kingdom	2.0
Iran	1.6
South Africa	1.6
<u>World</u>	<u>92.0</u>

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

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Poultry Consumption Per Person in Top Ten Countries, 2009

<u>Country</u>	<u>Consumption</u>
	Kilograms Per Person Per Year
Kuwait	97.5
Israel	66.7
United Arab Emirates	49.0
United States	49.0
Jamaica	48.8
Saudi Arabia	42.0
Gabon	39.1
Australia	38.4
Malaysia	38.3
Canada	36.6
<u>World</u>	<u>13.6</u>

Source: Compiled by Earth Policy Institute from U.N. Food and Agriculture Organization, *FAOSTAT*, at faostat.fao.org, updated June 2012.

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Meat Consumption in China and the United States, Total and by Type, 1960-2012

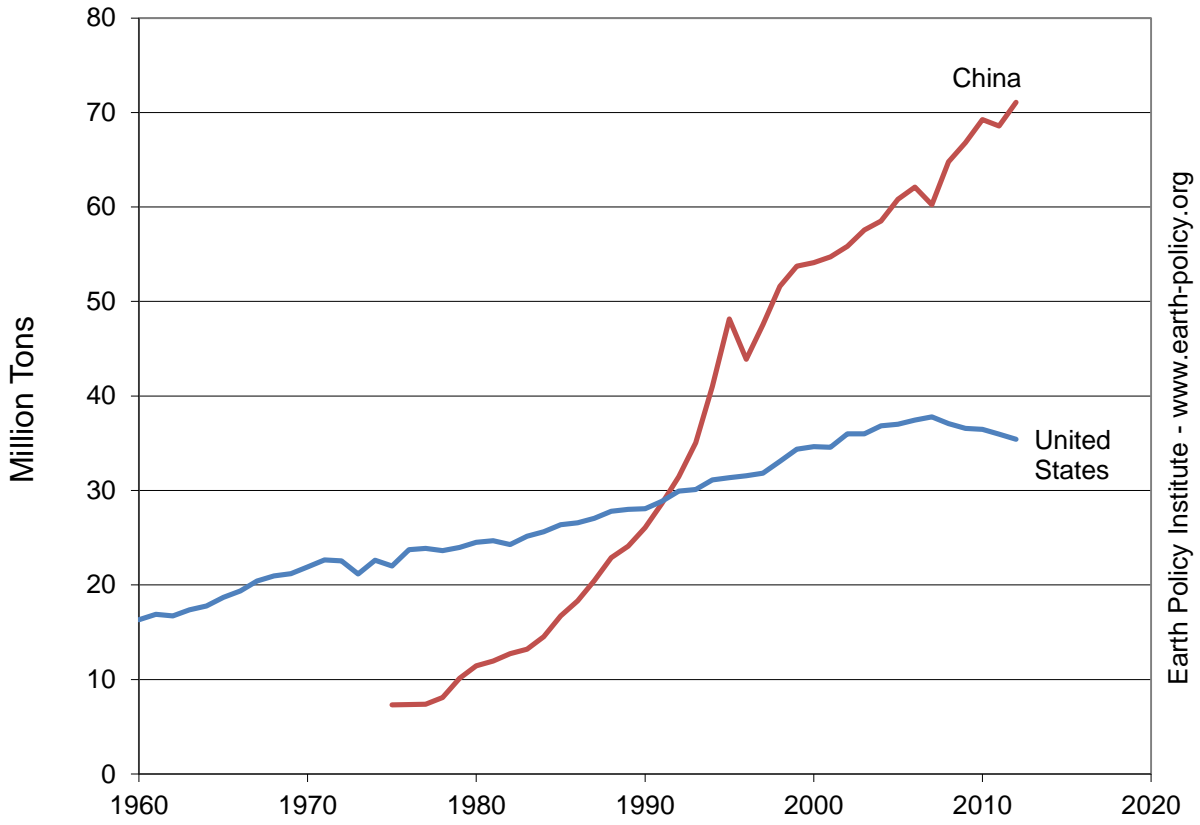
Year	China				United States			
	Beef	Pork	Poultry	Total	Beef	Pork	Poultry	Total
	Million Tons				Million Tons			
1960	n.a.	n.a.	n.a.	n.a.	7.4	6.4	2.4	16.3
1961	n.a.	n.a.	n.a.	n.a.	7.9	6.2	2.8	16.9
1962	n.a.	n.a.	n.a.	n.a.	7.5	6.4	2.8	16.7
1963	n.a.	n.a.	n.a.	n.a.	7.8	6.6	2.9	17.4
1964	n.a.	n.a.	n.a.	n.a.	8.0	6.7	3.1	17.8
1965	n.a.	n.a.	n.a.	n.a.	9.4	6.0	3.3	18.7
1966	n.a.	n.a.	n.a.	n.a.	9.9	5.9	3.6	19.4
1967	n.a.	n.a.	n.a.	n.a.	10.1	6.6	3.7	20.4
1968	n.a.	n.a.	n.a.	n.a.	10.5	6.8	3.7	21.0
1969	n.a.	n.a.	n.a.	n.a.	10.6	6.6	4.0	21.2
1970	n.a.	n.a.	n.a.	n.a.	10.9	6.8	4.2	21.9
1971	n.a.	n.a.	n.a.	n.a.	10.9	7.5	4.3	22.7
1972	n.a.	n.a.	n.a.	n.a.	11.2	6.8	4.5	22.6
1973	n.a.	n.a.	n.a.	n.a.	10.6	6.1	4.4	21.2
1974	n.a.	n.a.	n.a.	n.a.	11.5	6.7	4.5	22.6
1975	0.3	7.0	n.a.	7.3	12.1	5.5	4.5	22.0
1976	0.3	7.0	n.a.	7.4	13.0	5.8	4.9	23.7
1977	0.3	7.1	n.a.	7.4	12.8	6.1	5.0	23.9
1978	0.3	7.8	n.a.	8.1	12.2	6.1	5.4	23.6
1979	0.2	9.9	n.a.	10.1	11.0	7.1	5.9	24.0
1980	0.3	11.2	n.a.	11.5	10.9	7.6	6.0	24.5
1981	0.2	11.7	n.a.	12.0	11.1	7.4	6.2	24.7
1982	0.3	12.5	n.a.	12.7	11.2	6.7	6.4	24.3
1983	0.3	12.9	n.a.	13.2	11.5	7.1	6.6	25.2
1984	0.4	14.2	n.a.	14.5	11.6	7.1	6.9	25.6
1985	0.5	16.3	n.a.	16.7	11.8	7.2	7.4	26.4
1986	0.6	17.8	n.a.	18.3	12.0	6.9	7.7	26.6
1987	0.8	18.1	1.5	20.4	11.7	7.0	8.4	27.0
1988	0.9	20.0	2.0	22.9	11.6	7.5	8.7	27.8
1989	1.0	21.0	2.1	24.1	11.2	7.5	9.3	28.0
1990	1.1	22.6	2.4	26.1	11.0	7.3	9.7	28.1
1991	1.3	24.3	3.1	28.6	11.1	7.4	10.3	28.9
1992	1.7	26.2	3.5	31.5	11.1	7.9	10.8	29.9
1993	2.2	28.4	4.5	35.0	11.0	7.9	11.2	30.1
1994	3.0	31.9	6.1	41.0	11.5	8.1	11.5	31.1
1995	4.1	36.4	7.7	48.1	11.7	8.1	11.6	31.4
1996	3.5	31.4	9.0	43.9	11.9	7.6	12.0	31.6
1997	4.3	35.8	7.4	47.5	11.8	7.6	12.4	31.8
1998	4.7	38.7	8.2	51.6	12.1	8.3	12.7	33.1
1999	5.0	40.0	8.8	53.8	12.3	8.6	13.5	34.4
2000	5.1	39.6	9.4	54.1	12.5	8.5	13.7	34.7
2001	5.1	40.4	9.3	54.7	12.4	8.4	13.8	34.6
2002	5.2	41.0	9.6	55.9	12.7	8.7	14.6	36.0
2003	5.4	42.1	10.0	57.6	12.3	8.8	14.9	36.0
2004	5.6	43.0	9.9	58.5	12.7	8.8	15.4	36.8
2005	5.6	45.1	10.1	60.8	12.7	8.7	15.7	37.0
2006	5.7	46.0	10.4	62.1	12.8	8.6	16.0	37.5
2007	6.1	42.7	11.5	60.2	12.8	9.0	16.0	37.8
2008	6.1	46.7	12.0	64.8	12.4	8.8	15.9	37.1
2009	5.7	48.8	12.2	66.8	12.2	9.0	15.3	36.6
2010	5.6	51.2	12.5	69.2	12.0	8.7	15.8	36.5
2011	5.5	50.0	13.1	68.6	11.7	8.3	16.0	35.9
2012	5.5	52.0	13.6	71.1	11.4	8.5	15.6	35.4

Note: "n.a." indicates data not available; 2012 figures are projections.

Source: Compiled by Earth Policy Institute from U.S. Department of Agriculture, *Production, Supply and Distribution*, electronic database, at www.fas.usda.gov/psdonline, updated 10 May 2012.

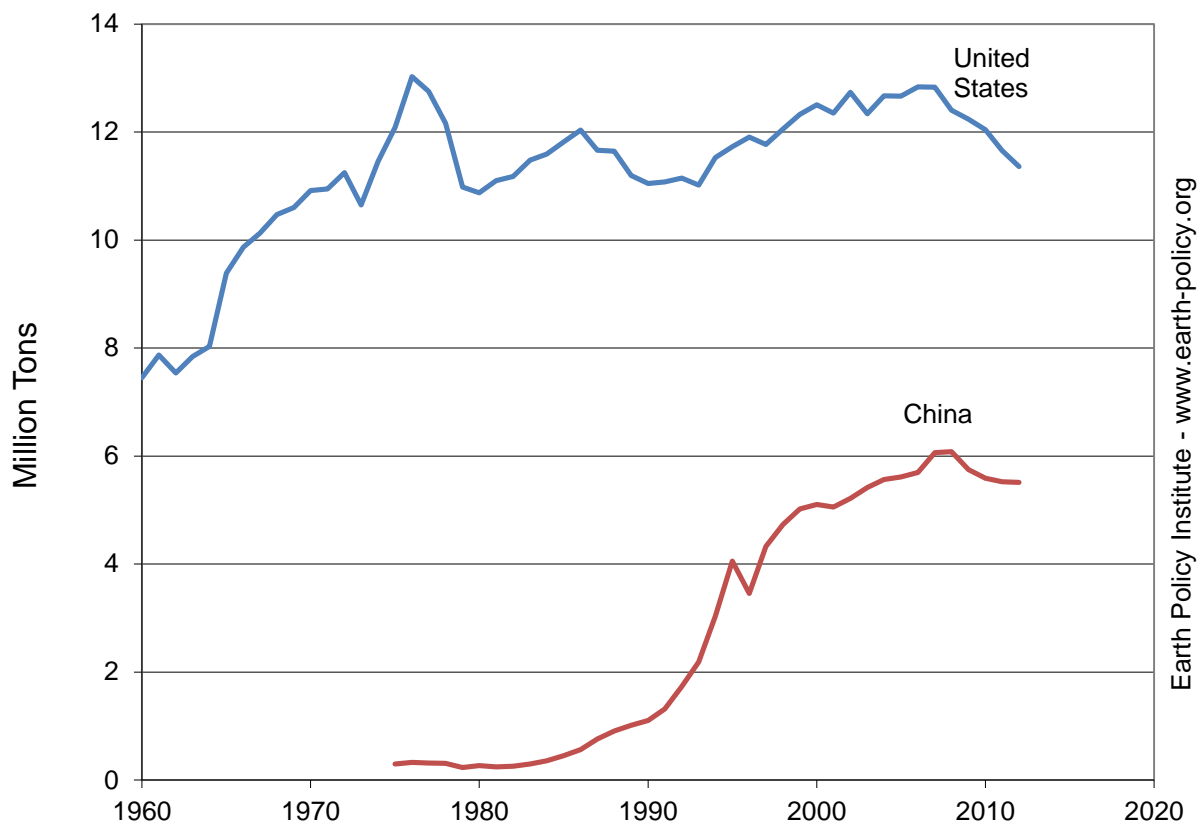
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Meat Consumption in China and the United States, 1960-2012



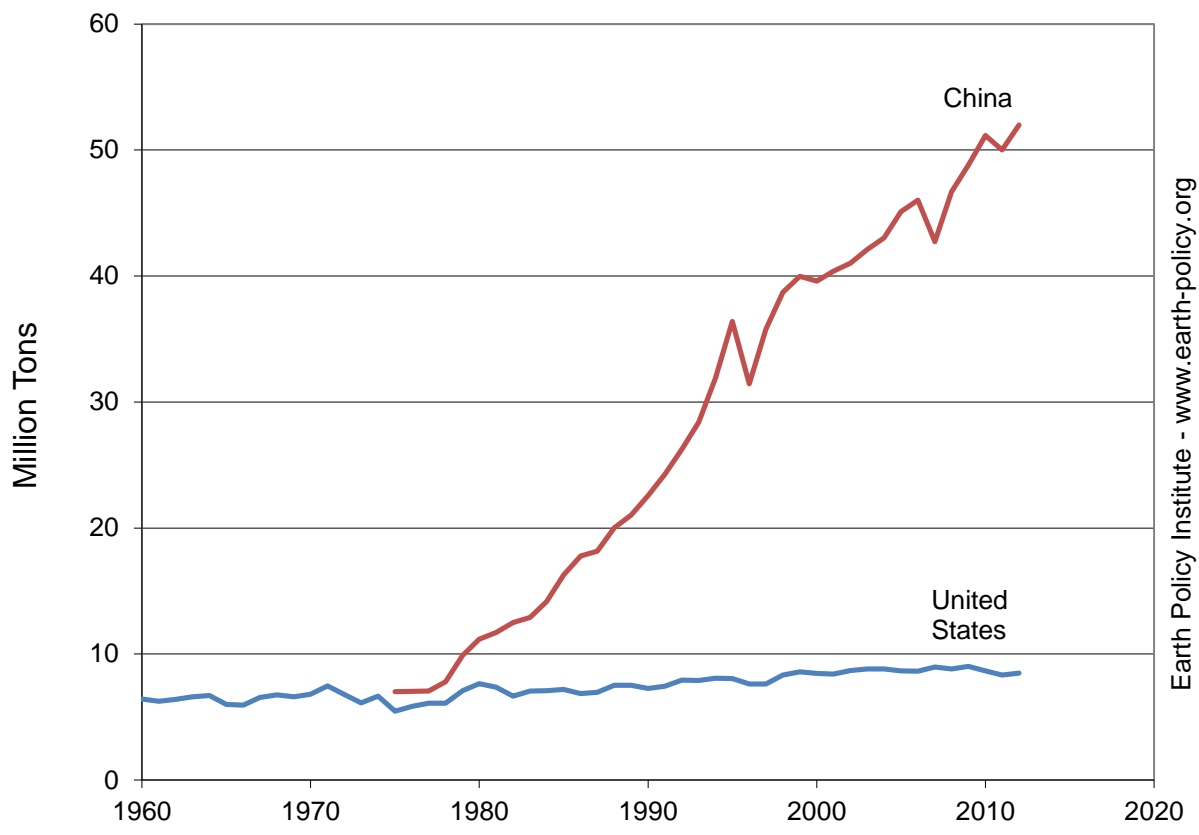
Source: USDA

Beef Consumption in China and the United States, 1960-2012



Source: USDA

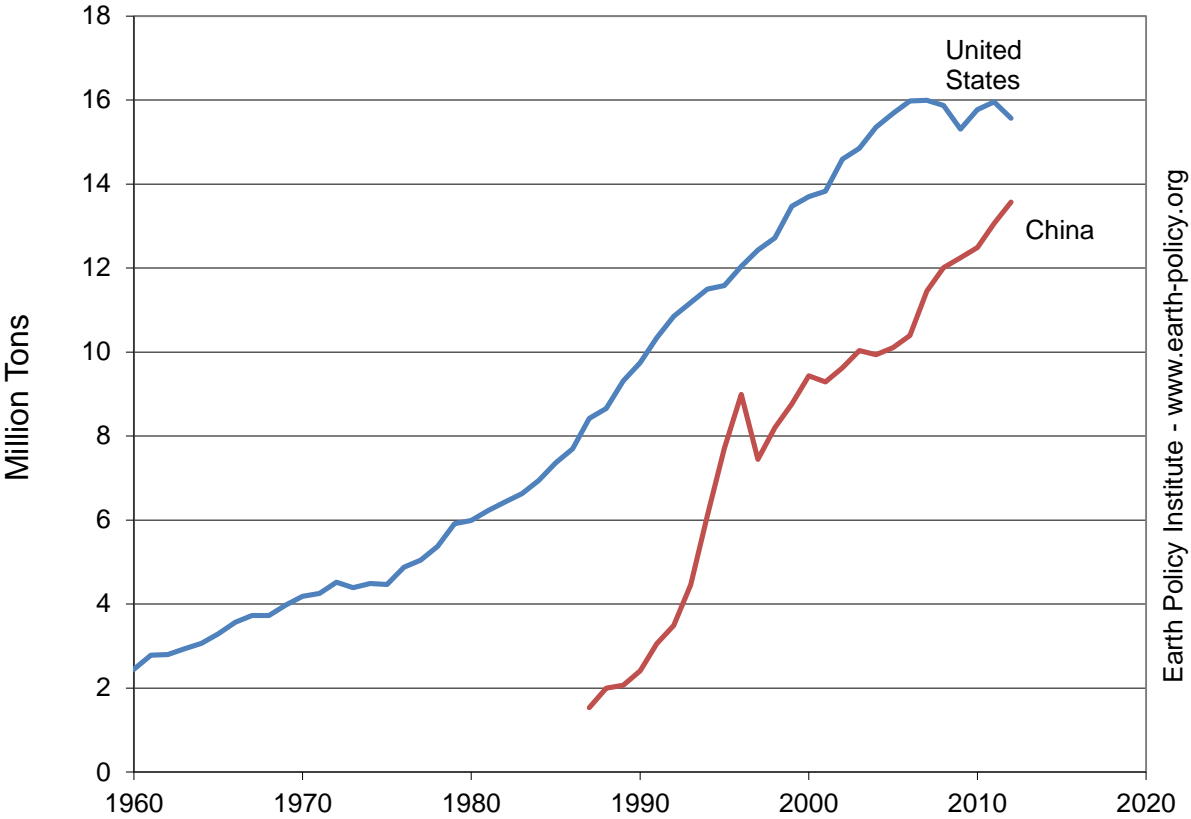
Pork Consumption in China and the United States, 1960-2012



Source: USDA

Earth Policy Institute - www.earth-policy.org

Poultry Consumption in China and the United States, 1960-2012



Source: USDA

Earth Policy Institute - www.earth-policy.org

Meat Consumption in the United States, 1909-2012

Year	Beef	Pork	Poultry	Total
Billion Pounds (Boneless Weight Equivalent)				
1909	5.1	3.7	1.0	9.8
1910	4.9	3.5	1.1	9.6
1911	4.9	4.0	1.1	10.0
1912	4.7	3.9	1.1	9.7
1913	4.7	4.0	1.1	9.7
1914	4.6	4.0	1.1	9.7
1915	4.3	4.1	1.1	9.5
1916	4.6	4.3	1.1	10.0
1917	5.1	3.7	1.1	9.9
1918	5.5	3.9	1.1	10.5
1919	5.0	4.1	1.2	10.3
1920	4.9	4.2	1.1	10.2
1921	4.7	4.3	1.1	10.2
1922	5.1	4.4	1.2	10.7
1923	5.2	5.1	1.3	11.6
1924	5.3	5.2	1.2	11.8
1925	5.4	4.7	1.3	11.5
1926	5.5	4.6	1.3	11.5
1927	5.1	4.9	1.4	11.4
1928	4.6	5.2	1.4	11.2
1929	4.7	5.2	1.4	11.3
1930	4.7	5.1	1.5	11.3
1931	4.7	5.2	1.4	11.3
1932	4.6	5.4	1.4	11.4
1933	5.1	5.5	1.5	12.0
1934	6.4	5.0	1.4	12.8
1935	5.4	3.8	1.4	10.5
1936	6.1	4.3	1.5	11.9
1937	5.7	4.4	1.5	11.5
1938	5.5	4.6	1.4	11.6
1939	5.6	5.2	1.6	12.4
1940	5.7	6.0	1.6	13.2
1941	6.4	5.6	1.8	13.8
1942	7.0	5.7	2.0	14.7
1943	6.7	7.1	2.5	16.2
1944	7.6	7.4	2.5	17.5
1945	7.8	6.1	2.5	16.4
1946	7.2	6.6	2.4	16.3
1947	8.2	6.2	2.2	16.6
1948	7.5	6.2	2.2	15.8
1949	7.6	6.2	2.4	16.2
1950	7.6	6.5	2.7	16.8
1951	7.1	7.0	2.9	16.9
1952	7.7	7.1	3.0	17.7
1953	9.8	6.3	3.0	19.0
1954	10.2	6.0	3.2	19.5
1955	10.5	8.3	3.1	21.9
1956	11.1	8.6	3.5	23.2
1957	11.1	8.0	3.8	22.8
1958	10.6	7.9	4.2	22.6
1959	10.7	9.0	4.4	24.1
1960	11.4	8.8	4.3	24.6
1961	11.9	8.6	4.9	25.4
1962	12.2	8.8	4.9	25.9
1963	13.0	9.2	5.0	27.2
1964	14.2	9.4	5.2	28.8

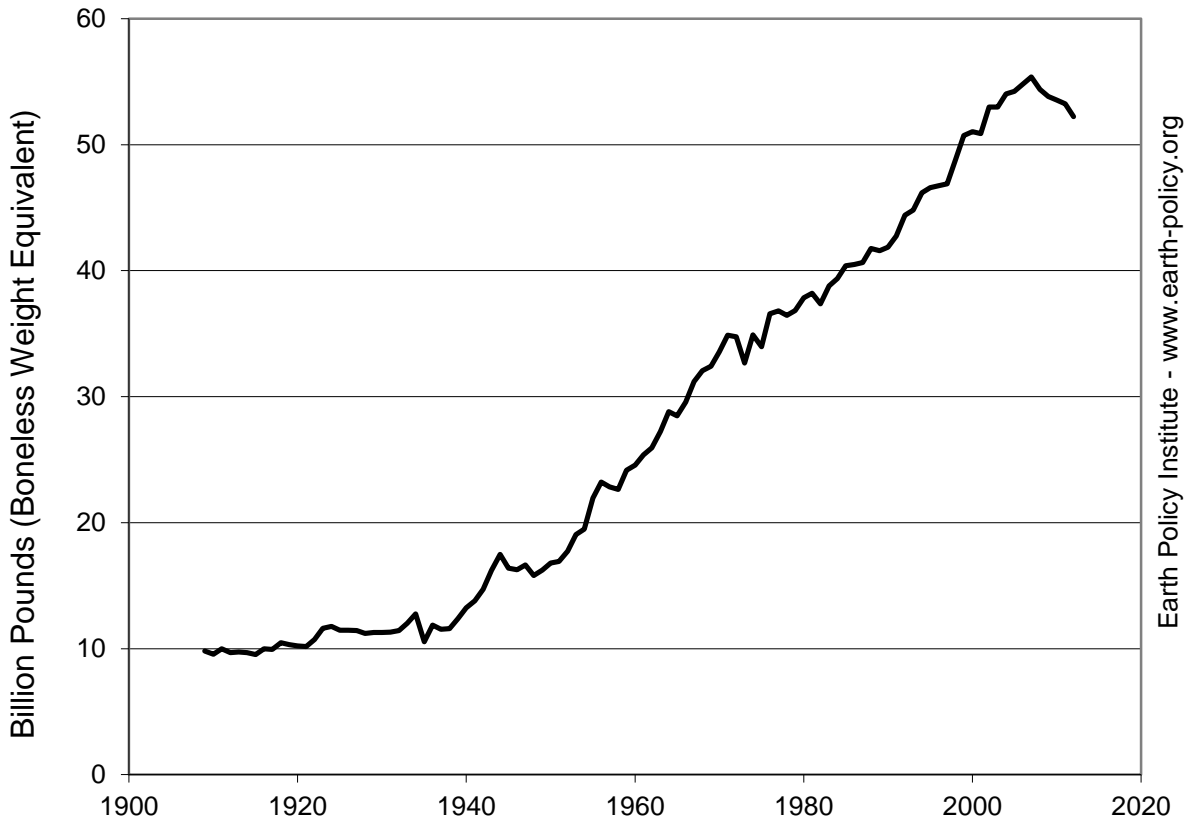
1965	14.4	8.5	5.6	28.5	
1966	15.1	8.4	6.0	29.6	
1967	15.5	9.3	6.3	31.2	
1968	16.0	9.7	6.3	32.1	
1969	16.2	9.5	6.7	32.4	
1970	16.7	9.9	6.9	33.5	
1971	16.8	11.0	7.1	34.9	
1972	17.2	10.1	7.4	34.7	
1973	16.4	9.1	7.2	32.7	
1974	17.6	10.0	7.2	34.9	
1975	18.6	8.3	7.1	34.0	
1976	19.9	8.9	7.8	36.6	
1977	19.6	9.3	7.9	36.8	
1978	18.7	9.4	8.3	36.4	
1979	16.9	10.9	9.0	36.8	
1980	16.7	11.9	9.3	37.9	
1981	17.0	11.5	9.7	38.2	
1982	17.2	10.4	9.8	37.4	
1983	17.7	11.1	10.0	38.8	
1984	17.8	11.2	10.4	39.4	
1985	18.1	11.4	10.9	40.4	
1986	18.3	10.9	11.3	40.5	
1987	17.2	11.1	12.4	40.7	
1988	17.1	12.0	12.7	41.8	
1989	16.4	12.0	13.2	41.6	
1990	16.2	11.6	14.1	41.9	
1991	16.2	11.9	14.7	42.7	
1992	16.2	12.6	15.5	44.4	
1993	16.1	12.6	16.1	44.8	
1994	16.8	12.9	16.5	46.2	
1995	17.2	12.9	16.6	46.6	
1996	17.5	12.2	17.0	46.7	
1997	17.3	12.2	17.4	46.9	
1998	17.7	13.3	17.8	48.8	
1999	18.1	13.8	18.8	50.7	
2000	18.4	13.5	19.2	51.0	
2001	18.1	13.4	19.3	50.9	
2002	18.7	13.9	20.4	53.0	
2003	18.2	14.1	20.7	53.0	
2004	18.6	14.1	21.4	54.0	
2005	18.6	13.8	21.8	54.2	
2006	18.9	13.8	22.2	54.8	
2007	18.9	14.3	22.2	55.4	
2008	18.3	14.0	22.1	54.4	
2009	18.1	14.5	21.3	53.8	
2010	17.8	13.9	21.9	53.6	
2011	17.3	13.5	22.4	53.2	
2012	*	16.5	13.7	22.1	52.2

* Note: 2012 is a projection.

Source: Compiled by Earth Policy Institute from U.S. Department of Agriculture (USDA), Economic Research Service, "Food Availability: Spreadsheets," at www.ers.usda.gov/Data/FoodConsumption/FoodAvailSpreadsheets.htm, updated 1 February 2011; and from USDA, *Production, Supply and Distribution*, electronic database, at www.fas.usda.gov/psdonline, updated 12 January 2012.

This is part of a supporting dataset for Lester R. Brown, **Full Planet, Empty Plates: The New Geopolitics of Food Scarcity** (New York: W.W. Norton & Company, 2012). For more information, see Earth Policy Institute on-line at www.earth-policy.org.

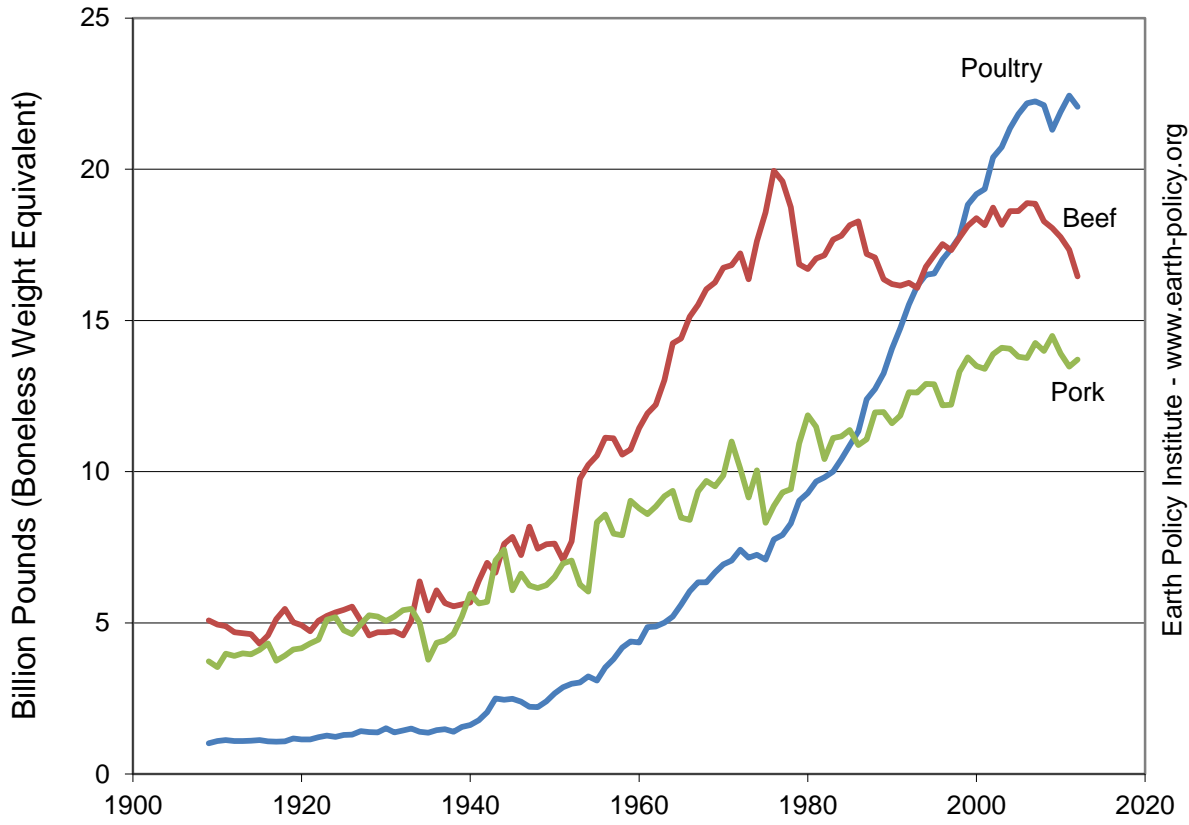
Meat Consumption in the United States, 1909-2012



Source: USDA

Earth Policy Institute - www.earth-policy.org

Meat Consumption by Type in the United States, 1909-2012



Source: USDA

Meat Consumption Per Person in the United States, 1909-2012

Year	Beef	Pork	Poultry	Total
Pounds (Boneless Weight Equivalent)				
1909	56.1	41.2	11.2	108.5
1910	53.5	38.2	11.8	103.5
1911	52.0	42.4	12.0	106.4
1912	49.2	40.9	11.5	101.6
1913	47.9	41.1	11.2	100.2
1914	46.7	40.0	11.1	97.8
1915	42.9	40.9	11.2	94.9
1916	45.0	42.4	10.6	97.9
1917	49.5	36.2	10.3	96.0
1918	52.2	37.5	10.3	100.1
1919	47.7	39.2	11.2	98.1
1920	46.2	39.0	10.8	96.0
1921	43.4	39.8	10.5	93.7
1922	46.1	40.4	11.1	97.5
1923	46.7	45.6	11.4	103.6
1924	46.8	45.5	10.7	103.0
1925	46.8	41.0	11.2	99.0
1926	47.1	39.4	11.1	97.6
1927	42.6	41.6	11.9	96.0
1928	38.0	43.5	11.5	93.0
1929	38.5	42.8	11.3	92.6
1930	38.1	41.1	12.3	91.5
1931	38.0	41.9	11.1	91.0
1932	36.7	43.4	11.6	91.6
1933	40.3	43.4	12.0	95.7
1934	50.3	39.5	11.0	100.9
1935	42.5	29.7	10.7	82.8
1936	47.4	33.8	11.3	92.5
1937	43.9	34.2	11.5	89.6
1938	42.7	35.7	10.8	89.1
1939	42.8	39.7	11.9	94.4
1940	42.9	45.1	12.3	100.3
1941	47.9	42.3	13.3	103.5
1942	51.8	42.2	15.2	109.2
1943	48.7	51.7	18.2	118.6
1944	55.0	53.6	17.7	126.3
1945	56.0	43.4	17.8	117.2
1946	51.2	46.8	16.9	115.0
1947	56.8	43.2	15.5	115.4
1948	50.8	42.0	15.1	107.9
1949	50.9	41.9	16.1	108.9
1950	50.2	43.0	17.6	110.7
1951	45.9	45.2	18.6	109.7
1952	49.0	45.0	19.0	113.0
1953	61.2	39.2	18.9	119.4
1954	62.9	37.2	19.9	120.0
1955	63.7	50.4	18.7	132.8
1956	66.1	51.0	20.9	138.1
1957	64.8	46.4	22.2	133.4
1958	60.6	45.3	24.0	130.0
1959	60.6	51.0	24.7	136.4
1960	63.3	48.6	24.0	136.0
1961	64.9	46.8	26.4	138.1
1962	65.5	47.4	26.1	139.1
1963	68.8	48.5	26.5	143.8
1964	74.2	48.8	27.1	150.1
1965	74.1	43.6	28.8	146.5
1966	76.9	42.8	30.7	150.4

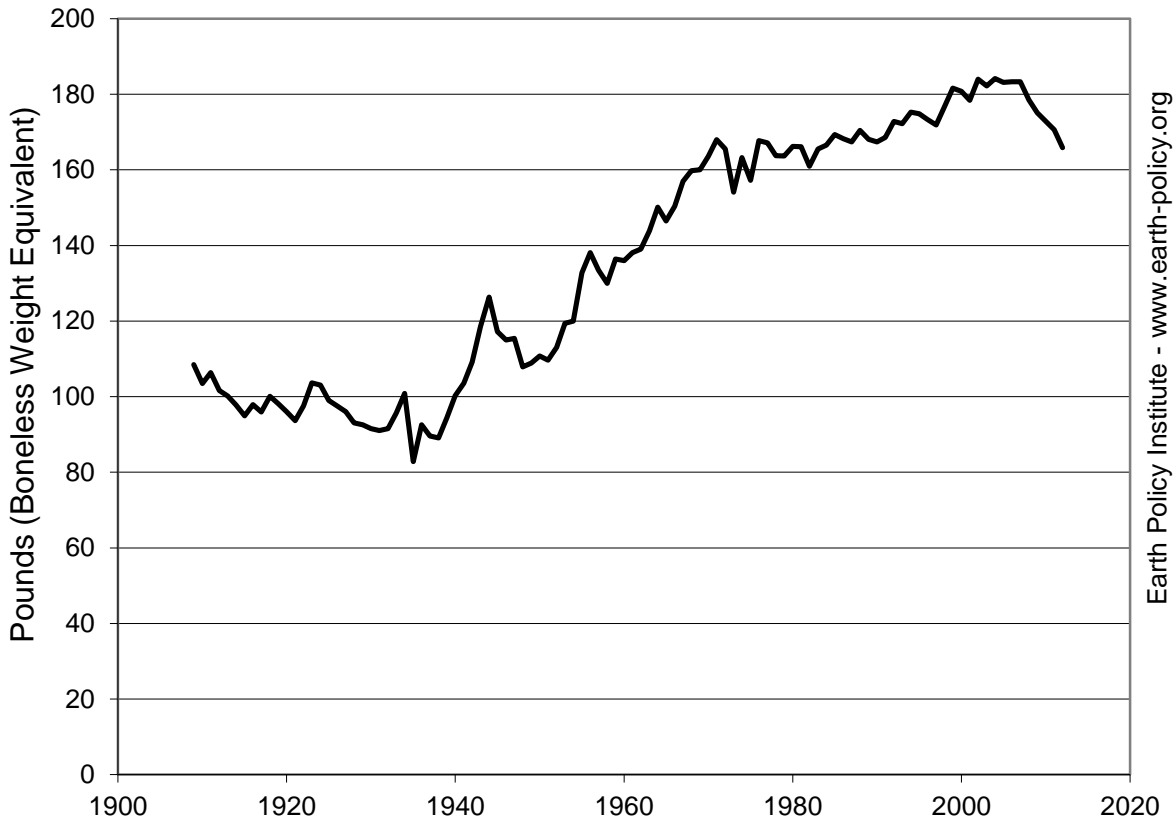
1967	78.1	47.0	31.9	157.0	
1968	79.9	48.3	31.6	159.8	
1969	80.2	46.9	32.9	160.0	
1970	81.7	48.1	33.8	163.6	
1971	81.0	53.0	34.0	168.0	
1972	82.0	48.1	35.4	165.5	
1973	77.2	43.2	33.8	154.1	
1974	82.4	47.0	33.9	163.2	
1975	86.0	38.4	32.8	157.3	
1976	91.5	40.7	35.6	167.8	
1977	89.0	42.3	35.9	167.2	
1978	84.2	42.3	37.2	163.7	
1979	74.9	48.6	40.2	163.6	
1980	73.3	52.1	40.8	166.2	
1981	74.1	49.9	42.0	166.1	
1982	73.9	44.9	42.2	161.0	
1983	75.4	47.4	42.7	165.5	
1984	75.3	47.2	44.0	166.6	
1985	76.1	47.7	45.6	169.4	
1986	75.9	45.2	47.1	168.2	
1987	70.8	45.6	51.0	167.4	
1988	69.7	48.8	51.9	170.4	
1989	66.1	48.4	53.6	168.1	
1990	64.8	46.4	56.2	167.4	
1991	63.7	46.8	58.1	168.6	
1992	63.2	49.1	60.4	172.8	
1993	61.8	48.5	62.0	172.2	
1994	63.7	49.0	62.6	175.3	
1995	64.4	48.4	62.1	174.8	
1996	65.0	45.2	63.1	173.3	
1997	63.5	44.7	63.6	171.8	
1998	64.2	48.2	64.3	176.7	
1999	64.9	49.3	67.4	181.6	
2000	65.1	47.8	67.9	180.7	
2001	63.6	47.0	67.8	178.4	
2002	65.0	48.2	70.8	184.0	
2003	62.4	48.5	71.3	182.2	
2004	63.4	47.9	72.8	184.1	
2005	62.9	46.6	73.7	183.1	
2006	63.1	46.0	74.2	183.3	
2007	62.4	47.2	73.7	183.3	
2008	60.0	45.9	72.6	178.4	
2009	58.7	47.1	69.3	175.1	
2010	57.3	44.9	70.7	172.9	
2011	55.5	43.2	71.9	170.6	
2012	*	52.3	43.5	70.1	165.9

* Note: 2012 is a projection.

Source: Compiled by Earth Policy Institute from U.S. Department of Agriculture (USDA), Economic Research Service, "Food Availability: Spreadsheets," at www.ers.usda.gov/Data/FoodConsumption/FoodAvailSpreadsheets.htm, updated 1 February 2011; USDA, *Production, Supply and Distribution*, electronic database, at www.fas.usda.gov/psdonline, updated January 2012; using population from U.S. Census Bureau, "Monthly Population Estimates for the United States: April 1, 2010 to January 1, 2012," at www.census.gov/popest/data/state/totals/2011/tables/NA-EST2011-01.xls, updated February 2012, and from "Projections of the Population and Components of Change for the United States," at www.census.gov/population/www/projections/files/nation/summary/NP2009-T1-C.xls, updated 16 December 2009.

This is part of a supporting dataset for Lester R. Brown, **Full Planet, Empty Plates: The New Geopolitics of Food Scarcity** (New York: W.W. Norton & Company, 2012). For more information, see Earth Policy Institute on-line at www.earth-policy.org.

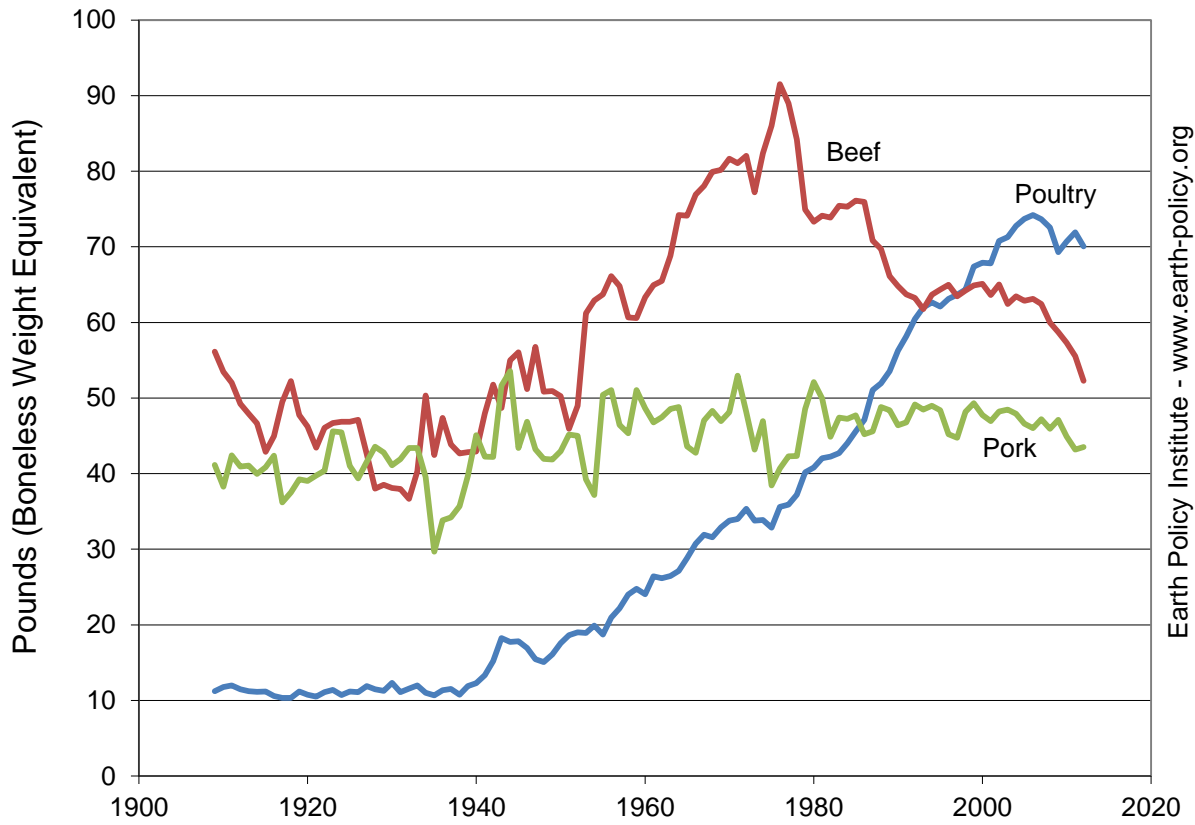
Meat Consumption Per Person in the United States, 1909-2012



Source: USDA; U.S. Census Bureau

Earth Policy Institute - www.earth-policy.org

Meat Consumption Per Person by Type in the United States, 1909-2012



Source: USDA, U.S. Census Bureau

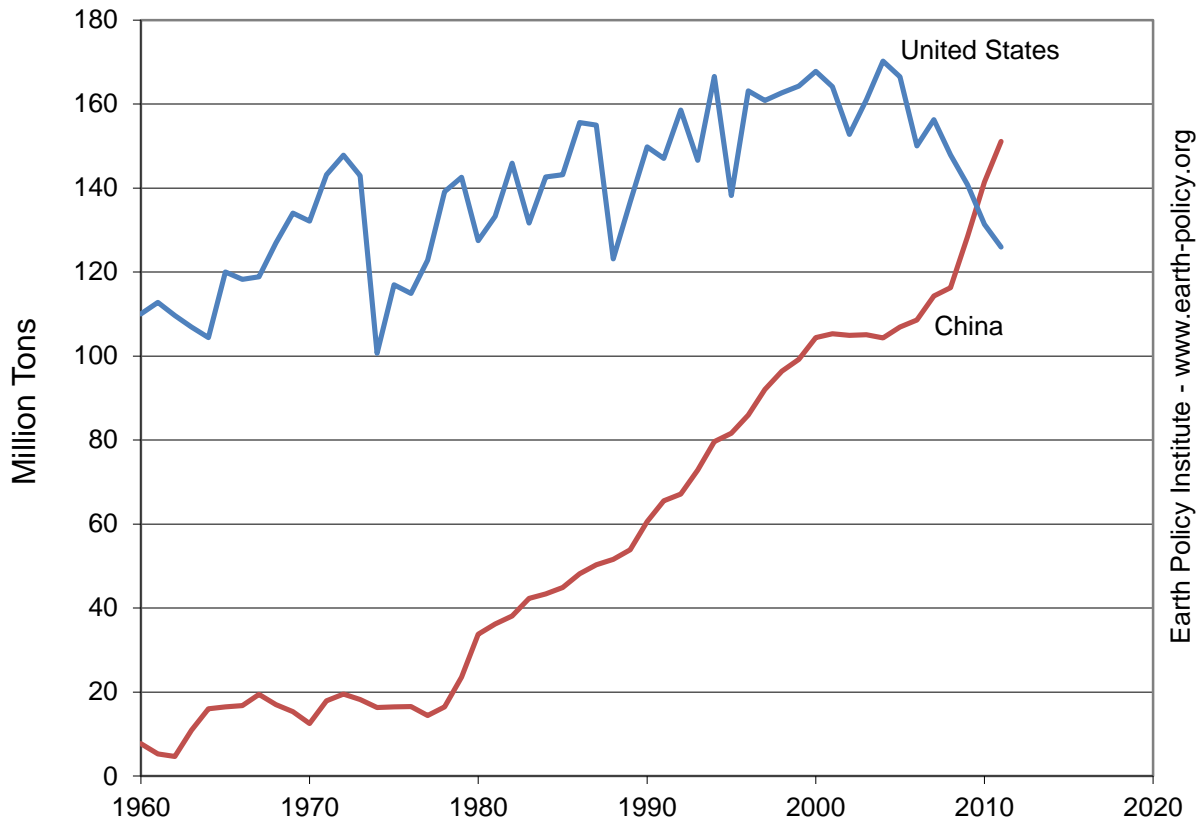
Feedgrain Use in China and the United States, 1960-2011

Year	China	United States
	Million Tons	
1960	7.7	110.1
1961	5.2	112.8
1962	4.7	109.6
1963	10.9	106.9
1964	16.0	104.4
1965	16.5	120.0
1966	16.8	118.2
1967	19.4	118.8
1968	17.0	127.0
1969	15.3	134.0
1970	12.5	132.1
1971	17.9	143.1
1972	19.5	147.8
1973	18.2	143.0
1974	16.3	100.7
1975	16.5	117.0
1976	16.5	114.9
1977	14.4	122.8
1978	16.5	139.1
1979	23.5	142.6
1980	33.7	127.5
1981	36.2	133.2
1982	38.1	145.9
1983	42.3	131.6
1984	43.4	142.6
1985	44.9	143.1
1986	48.1	155.6
1987	50.3	155.0
1988	51.6	123.1
1989	53.8	136.7
1990	60.5	149.8
1991	65.5	147.0
1992	67.1	158.6
1993	72.9	146.6
1994	79.6	166.6
1995	81.6	138.2
1996	86.0	163.1
1997	92.1	160.9
1998	96.4	162.7
1999	99.2	164.2
2000	104.4	167.8
2001	105.3	164.1
2002	104.9	152.8
2003	105.1	161.0
2004	104.3	170.2
2005	106.9	166.5
2006	108.6	150.1
2007	114.3	156.2
2008	116.3	147.9
2009	128.4	140.8
2010	141.4	131.4
2011	151.1	125.9

Source: Compiled by Earth Policy Institute from U.S. Department of Agriculture, *Production, Supply and Distribution*, electronic database, at www.fas.usda.gov/psdonline, updated 10 April 2012.

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Feedgrain Use in China and the United States, 1960-2011



Source: USDA