

Appendix - Data Used to Graph Figures

Data for Figure 1: Total January 1 Cattle Inventories and Per-Capita Consumption of Beef, 1960-97

Year	Total Cattle Inventory (mil. head)	Per-Capita Beef Consumption (lbs.)	Year	Total Cattle Inventory (mil. head)	Per-Capita Beef Consumption (lbs.)
1960	96.2	63.3	1979	110.9	78.0
1961	97.7	65.4	1980	111.2	76.4
1962	100.4	66.1	1981	114.4	77.1
1963	104.5	70.2	1982	115.4	76.8
1964	107.9	74.7	1983	115.0	78.2
1965	109.0	74.6	1984	113.4	78.1
1966	108.9	78.1	1985	109.6	78.8
1967	108.8	79.8	1986	105.4	78.4
1968	109.4	82.0	1987	102.1	73.4
1969	110.0	82.5	1988	99.6	72.3
1970	112.4	84.4	1989	96.7	69.3
1971	114.6	83.7	1990	95.8	67.8
1972	117.9	85.5	1991	96.4	67.2
1973	121.5	80.5	1992	97.6	66.4
1974	127.8	85.4	1993	99.2	65.4
1975	132.0	88.0	1994	101.0	67.0
1976	128.0	94.2	1995	102.8	67.4
1977	122.8	91.4	1996	103.8	67.6
1978	116.4	87.2	1997	101.2	67.2

Data for Figure 2: Per-Capita Consumption (lbs.) of Beef, Pork, and Chicken, 1960-97

Year	Beef	Pork	Broilers	Year	Beef	Pork	Broilers
1960	63.3	59.84	23.4	1979	78.0	52.89	47.4
1961	65.4	55.05	26.0	1980	76.4	56.44	46.7
1962	66.1	57.82	25.8	1981	77.1	53.73	48.2
1963	70.2	58.83	27.1	1982	76.8	48.11	49.6
1964	74.7	58.74	27.7	1983	78.2	50.66	50.4
1965	74.6	52.12	29.6	1984	78.1	50.28	52.6
1966	78.1	50.80	31.9	1985	78.8	50.65	55.1
1967	79.8	55.60	32.3	1986	78.4	47.82	56.3
1968	82.0	56.75	32.6	1987	73.4	48.12	60.2
1969	82.5	54.98	34.6	1988	72.3	51.73	62.5
1970	84.4	55.90	36.5	1989	69.3	51.57	66.3
1971	83.7	60.44	36.3	1990	67.8	49.35	69.2
1972	85.5	54.42	37.9	1991	67.2	50.5	72.6
1973	80.5	48.65	36.9	1992	66.4	53.2	75.9
1974	85.4	52.57	36.9	1993	65.4	52.3	78.0
1975	88.0	42.58	36.5	1994	67.0	53.1	79.3
1976	94.2	45.34	39.6	1995	67.4	52.4	79.2
1977	91.4	46.57	40.8	1996	67.6	49.1	81.4
1978	87.2	46.43	43.5	1997	67.2	48.0	83.7

Data for Figure 6: Ratio of Chicken to Beef Prices, 1980-97

Year	Ratio	Broiler Price (¢/lb.)	Beef Price (¢/lb.)	Year	Ratio	Broiler Price (¢/lb.)	Beef Price (¢/lb.)
1980	0.408249	97.0	237.6	1989	0.551675	146.6	265.7
1981	0.435526	104.0	238.7	1990	0.517794	145.5	281.0
1982	0.425649	103.2	242.5	1991	0.497052	143.3	288.3
1983	0.442335	105.3	238.1	1992	0.493921	140.6	284.6
1984	0.497830	119.3	239.6	1993	0.482958	141.7	293.4
1985	0.503543	115.1	228.6	1994	0.505479	143.0	282.9
1986	0.564021	127.9	226.8	1995	0.505452	143.7	284.3
1987	0.518456	123.6	238.4	1996	0.536660	150.1	279.6
1988	0.535757	134.1	250.3	1997	0.539286	151.0	280.0

Data for Figure 9: Consumers' Expenditures for Beef as a Percentage of Total Food Expenditures, 1978-96

Year	Food (\$)	Beef (\$)	% of Total	Year	Food (\$)	Beef (\$)	% of Total
1978	1,113	158.70	14.26%	1988	1,983	182.23	9.19%
1979	1,235	176.59	14.30%	1989	2,099	184.12	8.77%
1980	1,347	181.65	13.49%	1990	2,245	190.51	8.49%
1981	1,435	184.10	12.83%	1991	2,302	192.59	8.37%
1982	1,491	186.88	12.54%	1992	2,319	189.25	8.16%
1983	1,571	187.15	11.91%	1993	2,376	191.02	8.04%
1984	1,648	188.01	11.41%	1994	2,471	189.51	7.67%
1985	1,700	184.11	10.83%	1995	2,546	191.65	7.53%
1986	1,775	181.72	10.24%	1996	2,611	189.38	7.25%
1987	1,872	177.21	9.47%				

Data for Figure 10: Beef Production Per Cow, 1970-97

Year	Beef per Cow (lbs.)	Production (mil. lbs.)	Beef Cows (mil. head)	Year	Beef per Cow (lbs.)	Production (mil. lbs.)	Beef Cows (mil. head)
1970	590.15	21,652	36.69	1984	624.58	23,418	37.49
1971	577.33	21,868	37.88	1985	665.58	23,557	35.39
1972	576.68	22,381	38.81	1986	719.92	24,213	33.63
1973	519.81	21,277	40.93	1987	689.50	23,405	33.95
1974	535.83	23,138	43.18	1988	705.90	23,424	33.18
1975	524.50	23,976	45.71	1989	707.15	22,974	32.49
1976	591.54	25,969	43.90	1990	697.42	22,634	32.45
1977	609.97	25,279	41.44	1991	701.11	22,800	32.52
1978	625.79	24,242	38.74	1992	695.85	22,968	33.01
1979	578.65	21,446	37.06	1993	687.61	22,942	33.37
1980	578.60	21,470	37.11	1994	700.66	24,278	34.65
1981	572.92	22,214	38.77	1995	714.31	25,115	35.16
1982	570.12	22,366	39.23	1996	721.56	25,419	35.23
1983	607.80	23,060	37.94	1997	733.28	25,137	34.28

Data for Figure 11: Price Spreads for Beef (\$/cwt.), 1970-97

Year	Net Farm Value	Retail Price	Farm-Retail	Farm-Wholesale	Wholesale-Retail
1970	64.2	99.9	35.7	12.6	23.1
1971	70.7	106.2	35.5	14.4	21.1
1972	76.0	116.6	40.6	14.3	26.4
1973	94.7	139.7	45.0	16.1	28.9
1974	91.8	143.8	52.0	18.4	33.7
1975	99.4	152.2	52.8	19.8	33.0
1976	84.4	145.7	61.3	16.2	45.0
1977	86.0	145.8	59.8	17.3	42.6
1978	111.7	178.8	67.1	19.7	47.4
1979	141.7	222.4	80.7	24.1	56.7
1980	145.7	233.6	87.9	25.4	62.5
1981	139.1	234.7	95.6	25.2	70.3
1982	141.1	238.4	97.3	24.8	72.4
1983	136.8	234.1	97.3	23.3	74.0
1984	140.7	235.5	94.8	21.7	72.9
1985	127.4	228.6	101.2	21.3	79.8
1986	125.0	226.8	101.8	21.5	80.2
1987	138.7	238.4	99.7	21.3	78.4
1988	148.3	250.3	102.0	21.2	80.9
1989	157.6	265.7	108.1	19.2	88.9
1990	168.4	281.0	112.6	21.2	91.5
1991	160.2	288.3	128.1	22.3	105.8
1992	161.8	284.6	122.8	17.8	105.0
1993	164.1	293.4	129.3	18.4	110.9
1994	145.5	282.9	137.4	21.2	116.1
1995	138.4	284.3	145.9	25.5	120.5
1996	134.9	280.2	145.3	23.2	122.1
1997	137.7	280.0	142.3	21.0	121.3

Data for Figure 12: Per-Capita Consumption and Inflation-Adjusted Beef Prices, 1960-97

Year	Beef Price (¢/lb.)	CPI	Per-Capita Consumption (lbs.)	Deflated Price (¢/lb.)	Year	Beef Price (¢/lb.)	CPI	Per-Capita Consumption (lbs.)	Deflated Price (¢/lb.)
1960	80.2	0.296	63.3	270.9	1979	226.3	0.726	78.0	311.7
1961	78.4	0.299	65.4	262.2	1980	237.6	0.824	76.4	288.3
1962	81.7	0.303	66.1	269.6	1981	238.7	0.909	77.1	262.6
1963	78.5	0.306	70.2	256.5	1982	242.5	0.965	76.8	251.3
1964	77.8	0.310	74.7	251.0	1983	238.1	0.996	78.2	239.1
1965	81.4	0.315	74.6	258.4	1984	239.6	1.036	78.1	231.3
1966	84.6	0.325	78.1	260.3	1985	228.6	1.075	78.8	212.7
1967	84.1	0.334	79.8	251.8	1986	226.8	1.096	78.4	206.9
1968	86.6	0.348	82.0	248.9	1987	238.4	1.136	73.4	209.9
1969	96.2	0.367	82.5	262.1	1988	250.3	1.183	72.3	211.6
1970	98.6	0.388	84.4	254.1	1989	265.7	1.240	69.3	214.3
1971	104.3	0.405	83.7	257.5	1990	281.0	1.310	67.8	214.5
1972	113.8	0.418	85.5	272.2	1991	288.3	1.360	67.2	212.0
1973	142.1	0.444	80.5	320.0	1992	284.6	1.400	66.4	203.3
1974	146.3	0.493	85.4	296.8	1993	293.4	1.445	65.4	203.1
1975	154.8	0.538	88.0	287.7	1994	282.9	1.482	67.0	190.9
1976	148.2	0.569	94.2	260.5	1995	284.3	1.524	67.4	186.6
1977	148.4	0.606	91.4	244.9	1996	280.2	1.569	67.6	178.6
1978	181.9	0.652	87.2	279.0	1997	280.0	1.605	67.2	174.5

Data for Figure 13. (Same as for Figure 12)

Data for Figure 14. Wholesale Price of Specific Beef Cuts (\$/lb.), 1978-97

Year	Ribeye	Chuck	Round	Loin	Year	Ribeye	Chuck	Round	Loin
1978	2.56	1.07	1.20	2.31	1988	3.63	1.31	1.43	3.19
1979	3.01	1.43	1.54	2.75	1989	3.60	1.40	1.49	2.90
1980	3.19	1.44	1.60	2.81	1990	3.97	1.54	1.59	3.16
1981	3.17	1.39	1.54	2.69	1991	3.57	1.46	1.55	3.04
1982	3.26	1.39	1.50	2.78	1992	3.57	1.46	1.53	3.12
1983	3.30	1.31	1.45	2.78	1993	3.77	1.41	1.48	3.18
1984	3.46	1.29	1.43	2.76	1994	3.78	1.29	1.37	3.05
1985	3.18	1.19	1.33	2.54	1995	3.97	1.20	1.26	3.20
1986	3.19	1.12	1.26	2.53	1996	3.68	1.08	1.22	3.02
1987	3.30	1.24	1.36	2.77	1997	3.83	1.08	1.16	3.01
IMPS Choice 1-3 Boxed Beef:									
112A Ribeye, 2" Lip-on 11-Up lbs.					161 Round, Bnls. 42-80 lbs.				
116A Chuck Roll 13-24 lbs.					180 Strip Loin 12-14 lbs.				

Note: The figures for which no data are shown are drawings; therefore, no data were used in the creation of the graphs.

Sources: *Livestock, Dairy, and Poultry Situation & Outlook*, USDA-ERS, various issues.
Cattle, USDA-NASS, various issues.
 Putnam and Allshouse. *Food Consumption, Prices, and Expenditures, 1970-95*, USDA-ERS, Statistical Bulletin No. 939.
 Annual Wholesale Meat Quotations, USDA-AMS, 1978-1997.