

Table FG.4 Livestock Populations, Grain Consumed as Feed, and Meat Production

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Sources: Food and Agriculture Organization of the United Nations, United States Department of Agriculture

	Cattle (a)		Sheep and Goats (a)		Equines (a)		Buffaloes and Camels (a)		Grains Fed to Livestock as Percent of Total Grain Consumption (a)		Meat Production (000 metric tons) Beef and Veal		Sheep and Goats	
	Annual Average (000)	Percent Change Since 1986-88	Annual Average (000)	Percent Change Since 1986-88	Annual Average (000)	Percent Change Since 1986-88	Annual Average (000)	Percent Change Since 1986-88	1988	1998	Annual Average	Percent Change Since 1986-88	Annual Average	Percent Change Since 1986-88
	1996-98	1986-88	1996-98	1986-88	1996-98	1986-88	1996-98	1986-88			1996-98	1986-88	1996-98	1986-88
WORLD	1,328,037	4.7	1,760,712	5.9	119,121	2.3	180,281	12.1	38	37	53,921	6	10,954	26
ASIA (EXCL. MIDDLE EAST)	424,516	X	652,805	X	37,216	X	158,580	X	X	X	8,785	138	4,357	116
Armenia	504	X	582	X	14	X	0	X	52	25	31	X	6	X
Azerbaijan	1,768	X	5,429	X	54	X	322	X	47	17	48	X	26	X
Bangladesh	23,645	4.8	34,910	95.8	X	X	845	27.1	0	0	153	13	122	99
Bhutan	435	12.9	101	47.7	58	12.0	4	(18.9)	0	0	6	13	0	61
Cambodia	2,867	57.9	X	X	22	57.1	761	14.0	0	0	41	84	X	X
China (b)	95,493	35.2	256,879	53.2	24,166	(9.4)	21,706	3.0	18	26	3,775	506	2,038	185
Georgia	1,003	X	654	X	27	X	19	X	53	30	55	X	9	X
India	209,156	4.9	176,279	14.2	2,190	5.1	92,240	18.5	2	4	1,383	31	680	18
Indonesia	12,029	23.8	22,307	38.8	634	(7.2)	3,143	(5.6)	5	8	350	78	101	30
Japan	4,759	1.2	47	(36.0)	30	36.8	X	X	49	47	537	(5)	0	(12)
Kazakhstan	5,428	X	14,288	X	1,353	X	123	X	59	37	404	X	144	X
Korea, Dem People's Rep	558	(53.5)	1,183	19.9	40	(4.8)	X	X	0	0	20	(52)	5	17
Korea, Rep	3,318	37.6	629	254.3	7	128.0	X	X	39	47	321	62	3	323
Kyrgyzstan	849	X	3,836	X	323	X	49	X	69	25	92	X	47	X
Lao People's Dem Rep	1,175	66.8	149	81.1	26	(38.1)	1,176	15.7	0	0	13	156	0	99
Malaysia	723	13.7	575	31.1	4	(27.0)	150	(30.1)	37	41	18	59	1	0
Mongolia	3,469	40.4	23,122	31.5	2,773	37.8	358	(35.1)	0	0	87	19	114	(4)
Myanmar	10,306	3.8	1,626	9.9	130	(9.7)	2,300	4.7	0	0	99	4	8	10
Nepal	7,019	10.4	6,768	13.8	X	X	3,355	14.9	0	0	48	17	37	25
Pakistan	17,933	2.0	78,181	41.8	4,579	31.1	21,819	27.9	3	4	368	43	784	98
Philippines	2,263	29.1	6,440	44.4	210	6.8	2,938	0.8	19	23	131	90	78	262
Singapore	0	(30.4)	0	(77.3)	X	X	0	(85.0)	42	14	0	(84)	0	(84)
Sri Lanka	1,607	(10.3)	536	(4.3)	2	0.0	736	(24.8)	0	0	25	3	2	(14)
Tajikistan	1,090	X	2,335	X	78	X	45	X	36	10	25	X	11	X
Thailand	6,959	39.9	173	(3.2)	14	(25.3)	3,470	(42.0)	25	31	213	34	1	2
Turkmenistan	1,019	X	6,036	X	43	X	40	X	43	23	56	X	55	X
Uzbekistan	5,240	X	9,222	X	316	X	26	X	40	12	381	X	79	X
Viet Nam	3,896	31.5	514	22.7	122	(9.9)	2,950	7.7	0	0	83	32	5	45
EUROPE	164,643	X	182,758	X	8,868	X	226	X	64	58	13,254	20	1,619	17
Albania	786	18.8	3,143	29.6	196	11.0	0	(94.0)	0	0	32	92	16	66
Austria	2,265	(13.7)	432	51.5	73	64.9	X	X	70	69	208	(8)	7	60
Belarus	4,903	X	221	X	239	X	X	X	75	58	269	X	3	X
Belgium (c)	3,276	3.3	169	(4.4)	24	(0.9)	X	X	33	58	335	4	4	(40)
Bosnia and Herzegovina	278	X	276	X	50	X	1	X	X	X	13	X	3	X
Bulgaria	609	(63.7)	3,966	(59.7)	466	(4.2)	12	(54.6)	59	49	70	(44)	52	(35)
Croatia	452	X	537	X	23	X	X	X	X	X	25	X	2	X
Czech Rep	1,848	X	155	X	19	X	X	X	X	58	151	X	2	X
Denmark	2,032	(14.2)	151	63.9	33	5.1	X	X	80	78	172	(26)	2	65
Estonia	342	X	41	X	4	X	X	X	74	45	20	X	0	X
Finland	1,158	(22.5)	113	63.2	54	44.3	X	X	66	70	97	(21)	1	1
France	20,571	(7.3)	11,638	(11.0)	380	24.9	X	X	61	70	1,695	(11)	149	(17)
Germany	15,626	(25.8)	2,443	(39.9)	680	44.0	X	X	X	64	1,519	(26)	43	(1)
Greece	557	(21.5)	15,253	13.7	162	(49.9)	1	(24.1)	59	59	70	(17)	130	0
Hungary	903	(47.5)	1,004	(58.1)	75	(23.8)	X	X	73	76	64	(47)	1	(87)
Iceland	75	6.3	473	(24.8)	80	34.1	X	X	X	X	3	4	8	(35)
Ireland	6,947	21.8	5,550	47.6	65	(10.6)	X	X	63	67	563	16	84	76
Italy	7,198	(18.6)	12,215	(3.1)	369	(6.1)	161	56.7	49	53	1,150	(2)	76	8
Latvia	474	X	51	X	25	X	X	X	72	54	26	X	0	X
Lithuania	1,062	X	46	X	80	X	X	X	80	60	90	X	1	X
Macedonia, FYR	292	X	1,980	X	66	X	1	X	X	X	7	X	9	X
Moldova, Rep	619	X	1,304	X	64	X	X	X	69	55	34	X	3	X
Netherlands	4,405	(9.3)	1,724	65.5	97	51.8	X	X	42	49	560	6	16	44
Norway	1,014	6.9	2,547	8.0	23	40.8	X	X	73	67	89	16	27	4
Poland	7,133	(32.6)	498	(89.4)	562	(51.4)	X	X	65	64	425	(41)	3	(90)
Portugal	1,310	(1.1)	6,933	17.5	228	(18.3)	X	X	49	60	101	(6)	26	(0)
Romania	3,389	(49.0)	10,317	(42.8)	846	17.6	0	0.0	76	66	182	(7)	64	(24)
Russian Federation	35,732	X	23,186	X	2,276	X	34	X	64	41	2,424	X	203	X
Slovakia	875	X	447	X	12	X	X	X	58	62	X	X	2	X
Slovenia	476	X	37	X	8	X	X	X	X	X	50	X	0	X
Spain	5,759	16.4	26,094	16.5	410	(13.7)	X	X	71	76	596	33	243	9
Sweden	1,759	4.9	439	9.9	87	51.4	X	X	76	75	143	5	4	(27)
Switzerland	1,694	(9.2)	485	10.1	57	13.3	X	X	65	59	153	(8)	6	31
Ukraine	15,210	X	3,169	X	768	X	X	X	65	42	920	X	24	X
United Kingdom	11,688	(4.2)	42,853	10.0	173	4.4	X	X	49	49	700	(33)	372	23
Yugoslavia	1,906	X	2,846	X	90	X	17	X	X	X	236	X	31	X
MIDDLE EAST & N. AFRICA	33,818	3.6	250,065	5.4	11,339	(6.3)	5,818	7.8	35	32	1,475	24	1,920	25
Afghanistan	1,500	(0.7)	16,500	16.1	1,483	(14.3)	265	(4.2)	0	0	65	(2)	141	17
Algeria	1,244	(11.1)	20,069	8.1	345	(36.9)	139	13.0	34	25	101	38	183	70
Egypt	3,082	33.3	7,433	35.7	3,032	56.6	3,184	23.7	38	32	269	98	120	41
Iran, Islamic Rep	8,564	31.4	78,419	22.3	1,787	(26.5)	605	11.6	25	20	297	70	401	33
Iraq	1,274	(19.7)	7,900	(24.8)	436	(13.8)	71	(62.1)	31	12	43	(2)	26	(20)
Israel	379	15.2	420	(3.7)	11	0.0	5	(9.1)	57	60	42	26	6	12
Jordan	63	110.3	2,924	81.3	25	(0.3)	18	15.0	40	50	3	224	14	125
Kuwait	21	(17.9)	542	83.8	1	(66.3)	9	14.2	57	46	1	(70)	40	19
Lebanon	75	28.4	798	32.2	35	46.0	1	76.9	46	50	12	(20)	15	46
Libyan Arab Jamahiriya	150	(31.8)	6,850	23.1	69	(19.4)	102	(20.3)	35	26	19	(34)	45	7
Morocco	2,519	(17.6)	21,002	5.8	1,609	4.0	36	(5.1)	25	27	109	(5)	124	42
Oman	146	9.1	877	(5.1)	27	12.1	95	17.6	0	0	3	(3.1)	15	43
Saudi Arabia	220	(5.0)	12,352	23.1	100	(9.1)	422	8.8	71	72	17	(24)	102	29
Syrian Arab Rep	856	17.8	14,742	7.7	238	(6.8)	9	40.5	31	37	42	39	155	50
Tunisia	724	12.8	7,701	15.5	367	5.2	231	6.5	33	34	46	26	49	15
Turkey	11,620	(8.0)	41,180	(27.3)	1,261	(36.5)	230	(57.5)	34	34	347	(5)	374	(2)
United Arab Emirates	75	70.9	1,377	85.0	0	22.8	170	84.0	43	25	10	84	37	55
Yemen	1,215	8.6	8,081											

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	1996-98	1986-88	1996-98	1986-88	1996-98	1986-88	1996-98	1986-88	1988	1998	1996-98	1986-88	1996-98	1986-88
SUB-SAHARAN AFRICA	206,563	21.1	365,718	25.0	15,610	15.2	13,850	4.9	2	2	2,969	8	1,339	33
Angola	3,455	4.7	1,713	0.3	6	10.4	X	X	0	0	62	9	5	18
Benin	1,383	52.8	1,621	(7.9)	6	0.0	X	X	0	0	20	50	6	20
Botswana	2,383	2.1	2,090	20.1	270	57.1	X	X	0	0	41	8	6	26
Burkina Faso	4,492	21.0	13,914	32.4	496	21.4	14	17.4	1	4	49	37	34	50
Burundi	369	(16.9)	1,213	11.8	X	X	X	X	0	0	11	(5)	4	17
Cameroon	5,717	31.0	7,600	41.6	51	10.1	X	X	0	0	88	43	31	48
Central African Rep	2,926	30.2	2,406	91.4	X	X	X	X	0	0	54	58	8	81
Chad	5,298	32.6	6,940	60.0	505	22.4	662	31.8	0	0	39	12	26	47
Congo	73	4.9	401	19.4	0	(18.8)	X	X	0	0	2	(10)	1	17
Congo, Dem Rep	1,083	(21.9)	5,144	29.3	X	X	X	X	5	0	16	(37)	24	65
Côte d'Ivoire	1,303	39.9	2,380	25.8	X	X	X	X	4	3	40	42	10	15
Equatorial Guinea	5	6.7	44	4.1	X	X	X	X	X	X	0	7	0	13
Eritrea	1,320	X	2,930	X	X	X	69	X	X	X	11	X	10	X
Ethiopia (d)	29,900	6.8	38,667	(6.5)	8,580	11.0	1,027	1.0	0	0	270	12	144	(2)
Gabon	39	85.6	259	14.0	X	X	X	X	0	0	1	61	1	26
Gambia	339	10.8	415	11.8	53	(5.9)	X	X	0	0	3	5	1	22
Ghana	1,183	2.8	4,382	15.6	15	1.7	X	X	4	4	21	7	12	24
Guinea	2,291	100.0	1,439	110.5	5	43.8	X	X	0	0	15	81	4	77
Guinea-Bissau	507	44.3	575	38.3	7	34.2	X	X	0	0	4	46	2	39
Kenya	13,789	8.0	13,133	0.5	2	0.0	822	4.4	3	1	258	18	52	10
Lesotho	585	(1.2)	1,897	(28.6)	267	1.3	X	X	53	16	14	10	6	(4)
Liberia	36	(14.3)	430	(10.0)	X	X	X	X	0	0	1	(25)	1	(0)
Madagascar	10,329	1.1	2,093	3.7	1	(11.9)	X	X	0	0	145	5	10	5
Malawi	750	(23.1)	1,373	39.0	2	35.8	X	X	2	4	18	12	5	40
Mali	5,719	24.3	14,279	34.2	777	64.3	352	51.5	1	1	88	40	54	56
Mauritania	1,312	7.0	10,332	39.3	174	5.4	1,164	38.0	0	0	10	(34)	24	38
Mozambique	1,287	(4.7)	508	4.2	21	5.0	X	X	0	0	37	(2)	3	7
Namibia	2,079	7.6	4,011	(9.4)	132	8.1	X	X	X	X	50	38	11	(19)
Niger	2,079	39.0	10,070	43.3	532	16.1	390	(2.3)	0	0	36	42	37	22
Nigeria	19,300	43.6	38,500	22.4	1,204	15.3	18	0.2	2	2	290	11	240	68
Rwanda	492	(17.0)	1,237	(10.3)	0	0.0	X	X	11	6	13	(3)	4	(10)
Senegal	2,887	15.6	7,791	46.0	880	43.9	7	(43.3)	1	0	46	17	29	50
Sierra Leone	397	19.1	535	28.0	X	X	X	X	0	0	6	28	1	12
Somalia	5,433	13.8	26,533	(19.8)	40	(18.7)	6,200	(6.2)	2	7	59	37	61	(25)
South Africa	13,619	9.2	36,139	1.9	479	5.5	X	X	43	42	495	(20)	131	(15)
Sudan	33,119	67.8	76,000	131.1	725	7.6	3,063	12.9	0	0	230	4	247	165
Tanzania, United Rep	14,163	10.9	13,640	21.1	178	4.1	X	X	2	2	211	20	36	22
Togo	215	(10.5)	1,793	(24.4)	5	17.8	X	X	16	15	7	46	7	39
Uganda	5,345	20.0	5,525	34.8	18	6.0	X	X	0	0	90	47	25	41
Zambia	3,150	21.8	669	27.2	2	41.0	X	X	4	4	31	(5)	3	65
Zimbabwe	5,429	(7.0)	3,245	18.5	132	7.0	X	X	13	14	64	(19)	12	41
NORTH AMERICA	114,949	1.6	10,318	(19.4)	6,596	13.9	0	0.0	63	65	12,836	7	128	(19)
Canada	13,300	23.2	664	26.6	399	(14.9)	X	X	74	76	1,081	11	10	26
United States	101,649	(0.7)	9,655	(21.4)	6,197	16.5	X	X	66	66	11,755	7	118	(21)
C. AMERICA & CARIBBEAN	46,649	(10.9)	19,356	(2.3)	16,063	2.0	5	(37.2)	19	29	1,885	2	83	10
Belize	62	25.4	4	(12.8)	9	0.0	X	X	X	X	1	27	0	0
Costa Rica	1,547	(31.7)	4	0.4	127	1.0	X	X	35	50	87	(5)	0	2
Cuba	4,617	(7.7)	428	(12.7)	657	(13.0)	X	X	0	0	70	(51)	2	(23)
Dominican Rep	2,482	18.6	705	16.3	609	5.9	X	X	44	57	79	13	3	16
El Salvador	1,202	9.8	21	7.0	123	4.2	X	X	20	33	32	52	0	8
Guatemala	2,319	14.1	660	29.5	166	8.1	X	X	25	28	54	16	3	23
Haiti	1,272	6.0	1,580	29.7	780	7.8	X	X	2	2	29	(1)	5	30
Honduras	2,091	(17.4)	42	21.6	267	2.4	X	X	37	44	27	(33)	0	30
Jamaica	407	11.9	441	0.5	37	0.5	X	X	34	34	15	6	2	0
Mexico	26,890	(14.8)	15,038	(6.0)	12,770	2.3	X	X	27	45	1,350	7	66	10
Nicaragua	1,736	(8.3)	10	6.1	299	(2.9)	X	X	0	10	51	52	0	4
Panama	1,415	(0.4)	5	(15.2)	169	17.1	X	X	31	44	66	15	X	X
Trinidad and Tobago	37	(41.2)	71	2.3	5	0.0	5	(37.2)	43	33	1	(26)	0	(6)
SOUTH AMERICA	300,552	16.3	109,840	(11.4)	23,006	9.8	1,701	57.0	46	50	10,214	23	352	4
Argentina	54,367	4.7	20,638	(35.8)	3,565	10.6	X	X	35	55	2,685	(1)	64	(34)
Bolivia	6,248	19.4	9,723	16.0	1,034	3.1	X	X	33	40	147	20	20	9
Brazil	163,000	20.0	30,667	(0.3)	9,750	7.1	1,700	57.0	54	55	5,113	35	130	36
Chile	3,842	14.6	4,727	(23.0)	625	18.3	X	X	31	45	259	42	15	(17)
Colombia	27,431	14.6	3,388	(3.0)	3,750	17.7	X	X	19	31	694	17	15	19
Ecuador	5,195	33.8	2,209	48.0	943	32.5	X	X	25	35	156	64	7	67
Guyana	230	89.0	209	3.0	4	0.0	X	X	3	4	3	71	1	5
Paraguay	9,784	31.6	510	(5.6)	416	13.3	X	X	3	2	228	95	3	(1)
Peru	4,621	10.8	15,158	3.0	1,409	3.2	X	X	28	37	117	12	28	4
Suriname	92	21.6	16	14.9	0	(5.6)	1	24.8	0	0	2	39	0	21
Uruguay	10,561	7.1	18,593	(22.6)	498	7.8	X	X	19	20	433	40	60	12
Venezuela	15,173	20.3	3,999	103.0	1,012	0.5	X	X	60	40	376	26	8	6
OCEANIA	36,313	16.5	168,187	(22.4)	401	(21.3)	0	X	50	62	2,497	22	1,135	(6)
Australia	26,622	18.8	120,545	(19.7)	232	(30.5)	X	X	53	66	1,839	23	600	1
Fiji	360	38.5	223	19.2	44	5.7	X	X	0	0	9	(6)	1	35
New Zealand	8,904	9.8	47,345	(28.8)	85	(12.4)	X	X	41	46	638	20	534	(13)
Papua New Guinea	87	(18.8)	7	38.6	2	28.4	X	X	0	0	2	(14)	0	43
Solomon Islands	10	(35.8)	X	X	0	3.4	X	X	X	X	0	(35)	X	X
DEVELOPED	350,777	(14.2)	439,954	(24.0)	18,509	(1.7)	855	1.9	X	X	30,733	(11)	3,395	(12)
DEVELOPING	977,228	13.7	1,319,094	22.0	100,590	3.1	179,325	12.2	X	X	23,183	40	7,538	57

Notes: It is assumed that all countries with livestock have reported their numbers to the Food and Agriculture Organization of the United Nations. a. World and regional totals calculated by the Economic Research Service, U.S. Department of Agriculture. b. Includes Taiwan. c. Data for Belgium include Luxembourg. d. Data for Ethiopia before 1993 include Eritrea.

Table FG.4 Livestock Populations, Grain Consumed as Feed, and Meat Production

Sources: Livestock and meat production data: Food and Agriculture Organization of the United Nations (FAO), FAOSTAT On-line Statistical Service (FAO, Rome, 1999), available online at: <http://www.fao.org>. Feed data: Economic Research Service, U. S. Department of Agriculture (USDA), Production, Supply, and Distribution View (USDA, Washington, D.C., 1999). Data available online at: <http://usda.mannlib.cornell.edu/data-sets/international/93002/>.

Data on livestock include all animals in the country, regardless of the place or purpose of their breeding. Data are collected annually by FAO. The figures for an indicated year reflect data reported by countries for any day between October of the previous year and September of the year indicated. Estimates are made by FAO for countries that either do not report data or only partially report data.

Cattle figures include the common ox (*Bos taurus*), zebu, humped ox (*Bos indicus*), Asiatic ox (subgenus *Bibos*), and Tibetan yak (*Poephagus grunniens*). Sheep (*Ovis* spp.) figures include Uriel, Argali, Bighorn, Karakul, and Astrakhan. Goat (*Capra* spp.) figures include Hircus, Ibex, Nubiana, Pyrenaica, Tibetana, Kashmir, and Angora. Equine figures include horses (*Equus caballus*), asses (*Equus asinus*), and hybrids between horses and asses. Buffalo figures include Indian, Asiatic, pigmy, water buffalo (*Bubalus bubalus*, *B. arnee*, and *B. depressicornis*), African buffalo (*Syncerus* spp.), American bison (*Bison bison*), European bison (*B. bonasus*), and hybrids between bison and cattle. Wild bisons and buffaloes are excluded. Camel figures include the Bactrian camel (*Camelus bactrianus*) and Arabian camel (*C. dromedarius*).

Grains fed to livestock as percent of total grain consumption is calculated by dividing the total feed grain consumed by the total domestic grain consumed. Grains include wheat, rice (milled weight), corn, barley, sorghum, millet, rye, oats, and mixed grains. Grain consumption is the total domestic use during the local marketing year of the individual country. It is the sum of feed, food, seed, and industrial uses.

Meat production of beef and veal are from bovine animals, whether salted, in brine, dried, or smoked. Meat production of sheep and goats includes lambs and kids. These figures refer to fresh, chilled, and frozen meat, bone in or boneless.

FAO defines "meat" as the flesh of animals used for food. Meat production data normally include bone, but exclude meat that is unfit for human consumption. As reported by individual countries, these data may refer either to commercial production (meat entering marketing channels), inspected production (from animals slaughtered under sanitary inspection), or total production (the total of the above mentioned categories plus slaughter for personal consumption). Production figures relate to animals slaughtered within national boundaries regardless of their origin, whether indigenous or foreign.

For more information, please refer to the original source.