

ZIMBABWE

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Livestock Information, Sector Analysis
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Data contained in this Livestock Sector Brief are taken from official sources. Official sources are no guarantee for data accuracy and the figures reported in this brief should be taken as indicative and not be used for official purposes. The Food and Agriculture Organization of the United Nations assumes no responsibility for its accuracy, completeness and coherence.

PREFACE

The Livestock Sector Briefs (LSB) are intended to provide a quick overview and an approximate outlook for the livestock sector of the respective country using figures and quantitative indicators originating from official sources. The LSBs are complemented by a synthesis of policy documents available in the public domain.

The majority of the data in the LSBs refer to the country as a whole and come from FAOSTAT, which is available on the internet (<http://faostat.external.fao.org/default.jsp>). FAO, as part of its mandate, compiles information and data on various aspects of food and agriculture from all countries. The data are analysed and interpreted to support FAO's programmes and activities and, in accordance with the basic functions of the Organization, they are disseminated to the public through publications, CD-ROM, diskettes and the Internet. The country level data are officially submitted to the Division for Statistics of FAO (ESS) by various ministries of the respective countries. For details of data collection procedures see <http://faostat.fao.org/abcdq/about.htm>. The figures submitted often display inconsistencies across ministries, for example reported meat production does not always match reported meat consumption when taking into account imports and exports. FAO tries to reconcile the figures, to the effect that FAO statistics may differ from those originally submitted.

The LSBs utilise FAOSTAT data from the following domains: human population, land use, agriculture production, food supply and agricultural and food trade. These are used to derive a standard set of indicators that can quickly be compared across the countries.

Data on the economy are from the World Bank's World Development Indicators CD-Rom, which is also available online <http://www.worldbank.org/data/> and is updated every year. Animal health data are taken from the Office International des Epizooties (OIE) HANDISTATUS II <http://www.oie.int/hs2/>. These are official data supplied by member nations.

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1. GENERAL INFORMATION

Human population, land and socio-economics

Human population	12.8 million
Population density on total land	33.2 persons/sqkm
Annual growth rate (1990-2000)	1.5 %
Population in agriculture	7.9 million
As proportion of total population	61.5 %
Total land area	386,850 sqkm
Agricultural land	205,500 sqkm
As proportion of total land	53.1 %
Land under pasture	172,000 sqkm
As proportion of total land	83.7 %
Irrigated area	1,170 ha
Agricultural land per 100 people	160 ha
Agricultural land per 100 people in agriculture	260 ha
Agricultural population density on agricultural land	38.4 persons/sqkm
GDP ¹	6,771 million US\$
GDP annual growth rate (1990-2000)	0.5 %
GDP per capita/year ¹	521 US\$
GDP per capita annual growth rate (1990-2000)	-1.3 %
Agriculture, GDP	1,094 million US\$
As proportion of total GDP	16.2 %
Livestock, GDP ¹	372 million US\$
As proportion of agricultural GDP	34.0 %
Human development Rank	147 Ranking ²
Human development index	0.491
Poverty incidence ³	
Total	34.9 %
Urban	7.9 %
Rural	48.0 %

¹Constant 1995 US\$ ² The HDI rank is determined using HDI values to the fifth decimal point – from 177 countries, as compiled by the UNDP; ³ National poverty line; na: not available

Source: World Bank (2002); UNDP (2004); FAO (2005a)

Human population trends

Values expressed in 1,000

Population segment	Year				Annual growth rate (%)	
	1980	1990	2000	2002	1980-1990	1990-2000
Total	7,226	10,467	12,650	12,835	3.8	1.9
Rural	5,617	7,432	8,397	8,415	2.8	1.2
Urban	1,609	3,034	4,253	4,420	6.5	3.4

Source: FAO (2005a)

Trends in agricultural¹ land

Values expressed in sqkm

Land type	Year				Annual growth rate (%)	
	1980	1990	2000	2002	1980-1990	1990-2000
Total	197,050	201,730	205,500	205,500	0.2	0.2
Cropped ²	26,050	30,100	33,500	33,500	1.5	1.1
Pastures	171,000	171,630	172,000	172,000	0.0	0.0

¹The sum of area under arable land, permanent crops and permanent pastures

²Arable and permanent crops

Source: FAO (2005a)

2. LIVESTOCK RESOURCES

Livestock populations

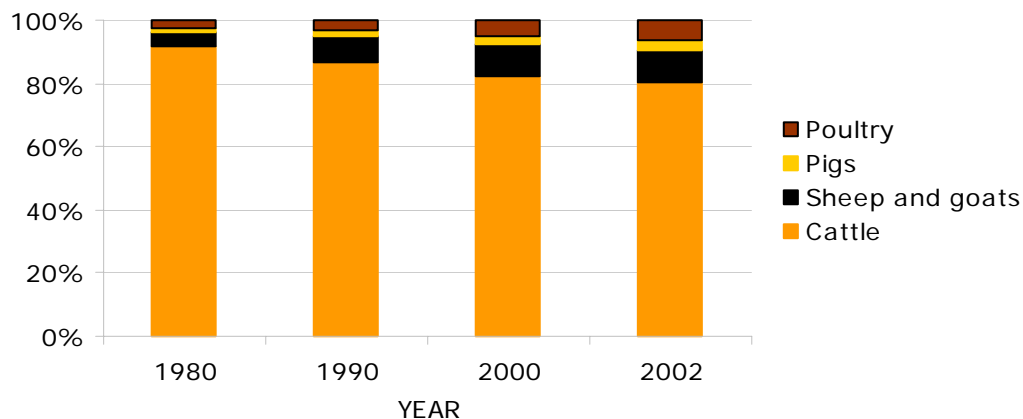
Values expressed in 1,000

Species	Year				Annual growth rate (%)	
	1980	1990	2000	2002	1980-1990	1990-2000
Cattle	5,279	6,407	5,700	5,700	2.0	-1.2
Sheep and goats	1,369	3,139	3,580	3,550	8.7	1.3
Pigs	132	303	450	605	8.7	4.0
Poultry	8,216	12,063	17,581	22,097	3.9	3.8
Total LUs	2,885	3,699	3,474	3,547	2.5	-0.6

LU: *Livestock unit*; **conversion factors:** cattle (0.50), sheep and goats (0.10), pigs (0.20) and poultry (0.01)

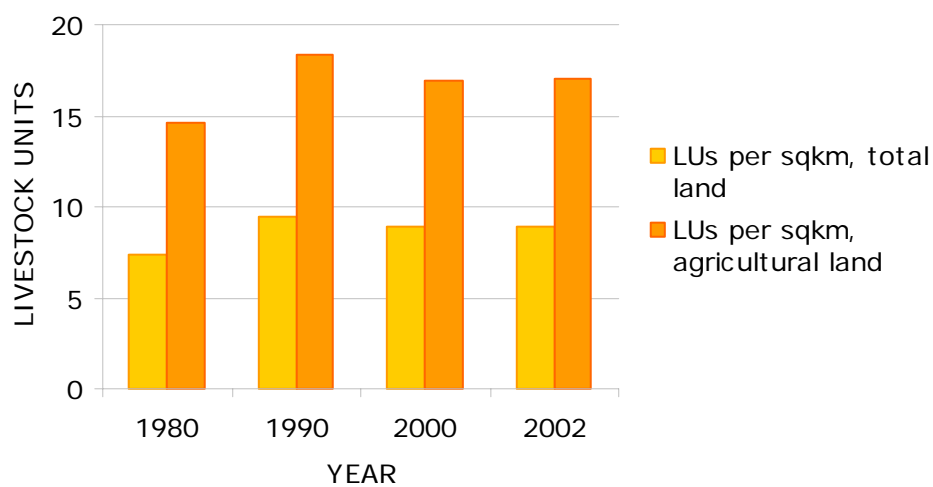
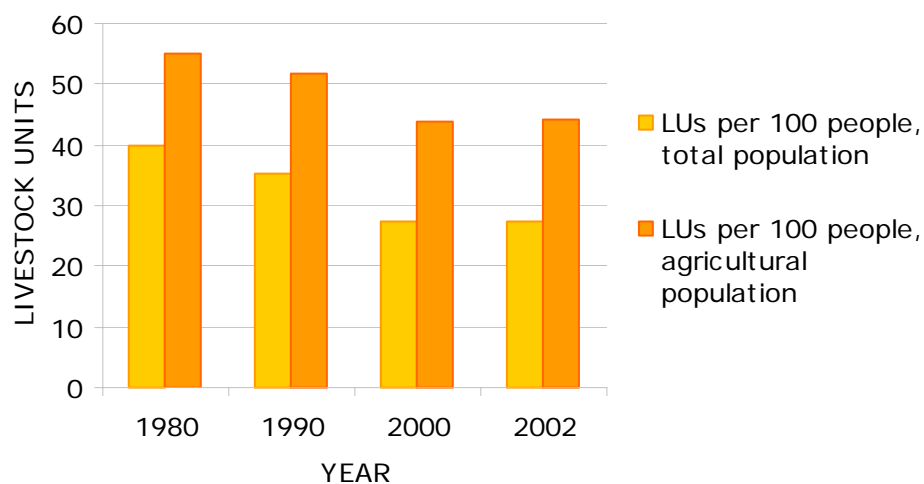
Source: FAO (2005a)

Contribution of different species to total livestock units



Source: FAO (2005a)

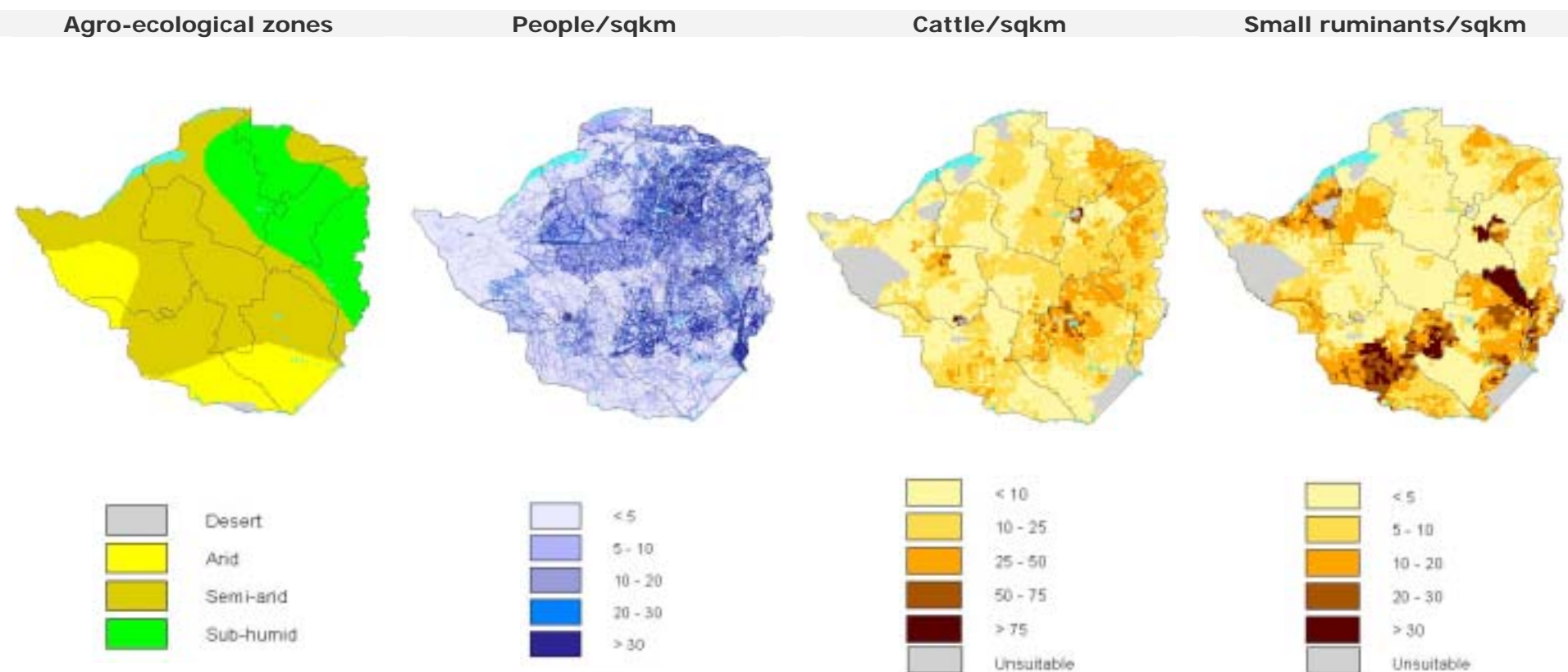
Selected indicators of livestock resources



Source: FAO (2005a)

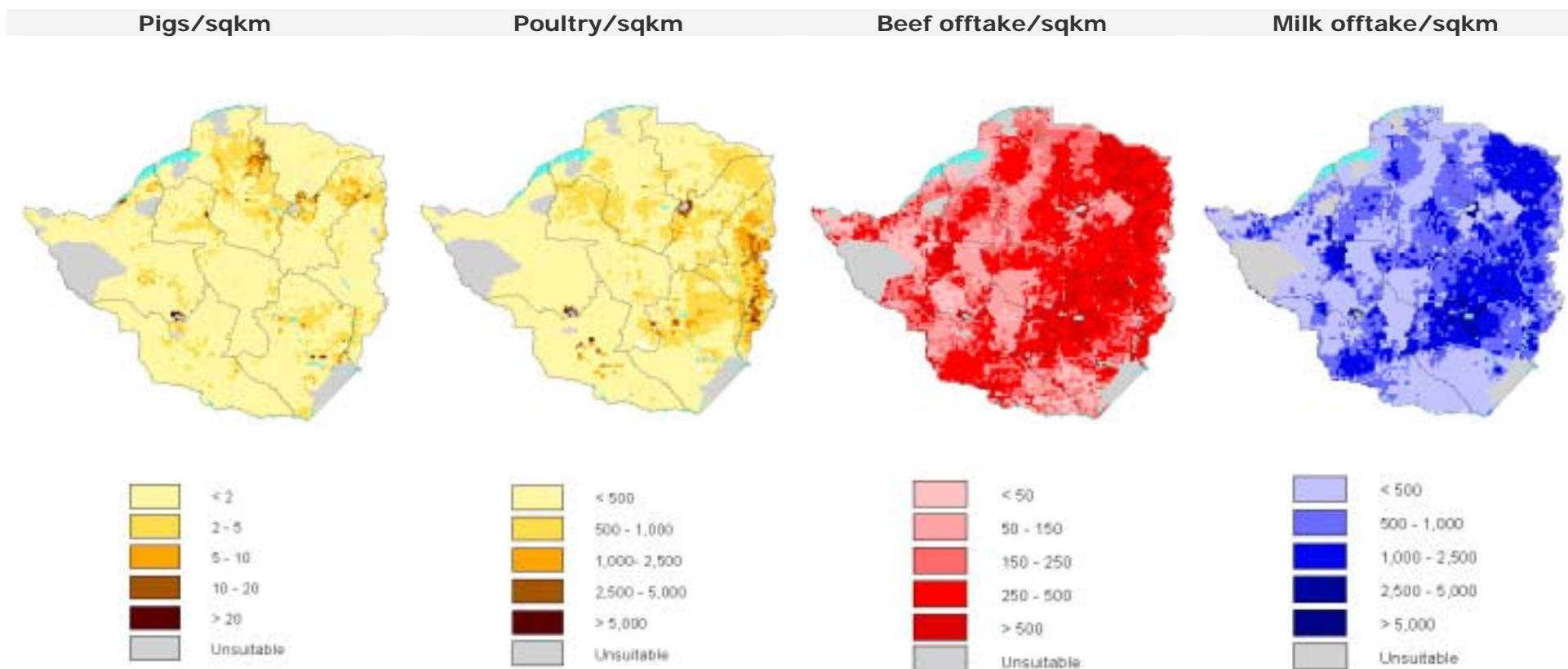
Agro-ecological zones and densities of livestock species (2000)

Density calculated on total land area¹



¹Densities for livestock populations and production are based on total land suitable for livestock production

Source: FAO (2001); LandScan (2002), FAO (2005b)



Source: FAO (2005b); FAO (2003)

3. LIVESTOCK PRODUCTION

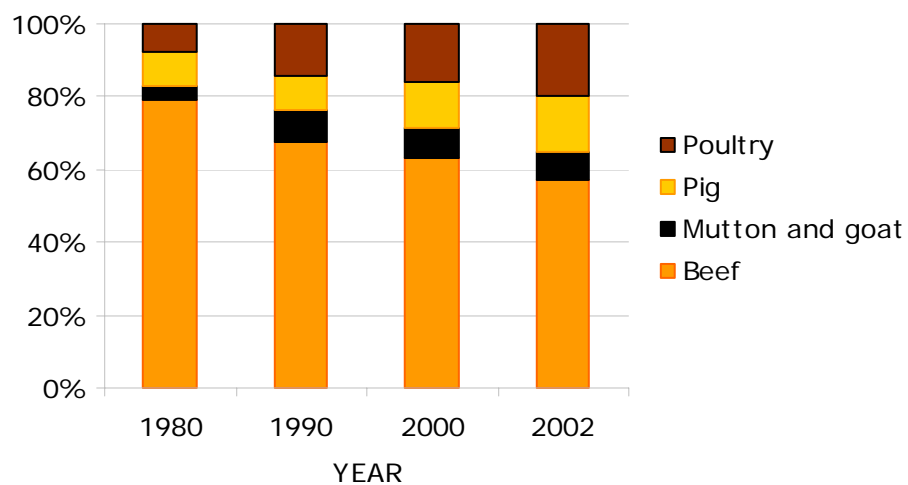
Trends in annual production of meat, milk and eggs

1,000 metric tonnes

Product	Year				Annual growth rate (%)	
	1980	1990	2000	2002	1980-1990	1990-2000
Meat, total	110.5	139.7	186.5	206.4	2.4	2.9
Beef	76.4	81.7	101.2	102.4	0.7	2.2
Mutton and goat	3.8	11.0	13.5	13.3	11.4	2.0
Pig	8.7	11.4	20.4	27.0	2.8	6.0
Poultry	7.6	17.0	25.4	35.8	8.3	4.1
Milk, total	430.0	470.0	310.0	280.0	0.9	-4.1
Eggs, total	10.2	15.6	22.0	22.0	4.3	3.5

Source: FAO (2005a)

Composition of total meat production



Source: FAO (2005a)

Carcass weights and percentage slaughtered by species

Species/year	Carcass weight (kg/animal)				Percentage slaughtered/year			
	1980	1990	2000	2002	1980	1990	2000	2002
Cattle	150.0	200.0	225.0	225.0	9.6	6.4	7.9	8.0
Sheep	14.0	14.0	14.0	14.0	12.8	6.9	7.0	7.3
Goat	12.0	12.0	12.0	12.0	26.0	34.3	36.3	35.9
Pigs	55.0	55.0	55.0	55.0	119.3	68.3	82.2	81.0
Poultry	1.2	1.2	1.2	1.2	80.5	122.1	125.4	140.4

Source: FAO (2005a)

Milk yields and proportion of dairy animals

Species/year	Milk yield (kg/year)				Percentage milked			
	1980	1990	2000	2002	1980	1990	2000	2002
Cattle	430	407	310	311	18.9	18.0	17.5	15.8

Source: FAO (2005a)

Egg yields and proportion of laying birds

Species/year	Eggs (kg/year)				Percentage laying			
	1980	1990	2000	2002	1980	1990	2000	2002
Chicken	3.0	3.0	3.2	3.2	41.5	43.3	39.4	31.4

Source: FAO (2005a)

Estimated feed used for livestock production

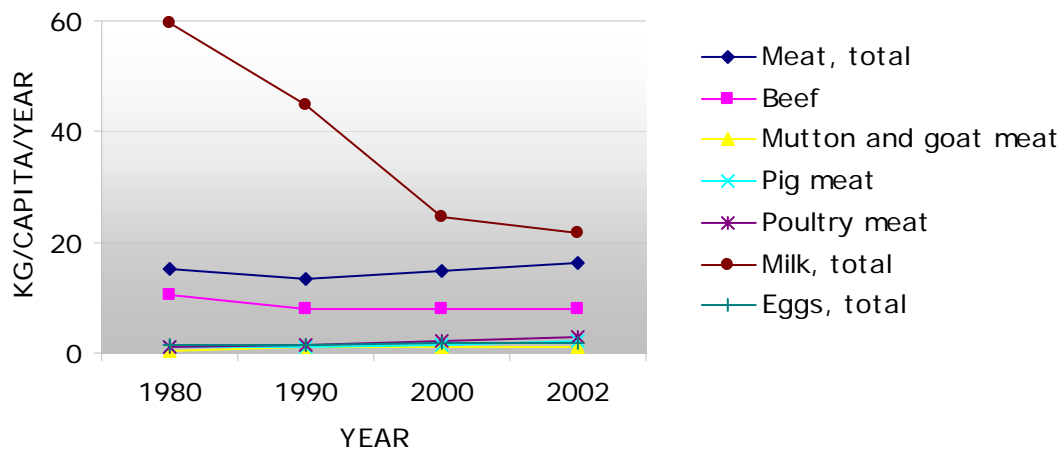
1,000 metric tonnes

Product	Year				Annual growth rate (%)	
	1980	1990	2000	2002	1980-1990	1990-2000
Maize	321.0	150.0	400.0	50.0	-7.3	10.3
Barley	0.8	1.3	1.9	0.6	4.9	3.7
Sorghum	0.0	2.0	2.0	2.0		0.0
Millet						
Wheat						
Brans	172.0	210.0	251.2	192.2	2.0	1.8
Rice Paddy, equivalent						
Roots and Tuber, dry equivalent						
Pulses						
Oil crops	8.5	5.0	4.0	23.5	-5.2	-2.2

Blanks represent no data

Source: FAO (2005a)

Trends in annual per capita production of meat, milk and eggs



Source: FAO (2005a)

4. CONSUMPTION OF MEAT, MILK AND EGGS

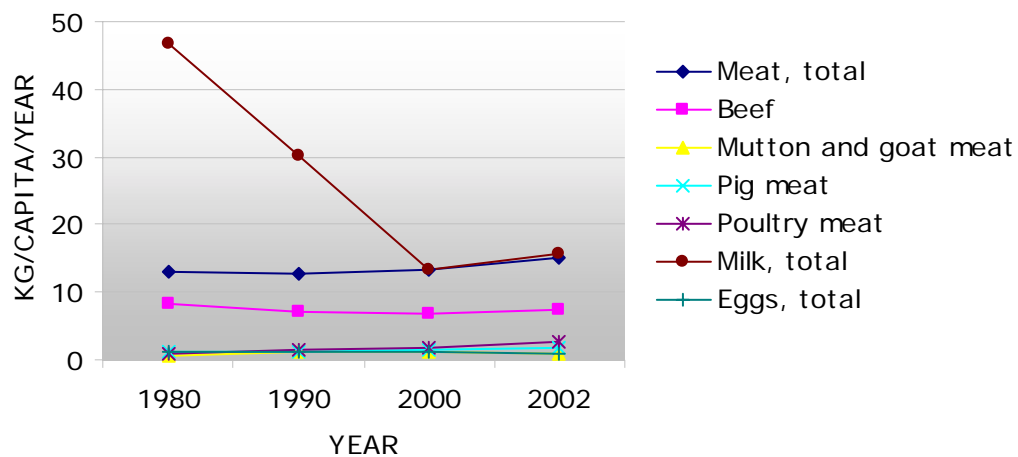
Trends in annual consumption of meat, milk and eggs

1,000 metric tonnes

Product	Year				Annual growth rate (%)	
	1980	1990	2000	2002	1980-1990	1990-2000
Meat, total	94.3	132.9	167.3	195.1	3.5	2.3
Beef	60.3	75.5	85.7	96.6	2.3	1.3
Sheep and goat	3.9	11.0	13.4	13.3	11.0	2.0
Pig	8.6	11.2	17.9	24.2	2.7	4.8
Poultry	7.5	16.8	24.4	33.1	8.3	3.8
Milk, total	337.1	316.0	168.7	202.9	-0.6	-6.1
Eggs, total	8.9	13.6	16.6	11.5	4.3	2.0

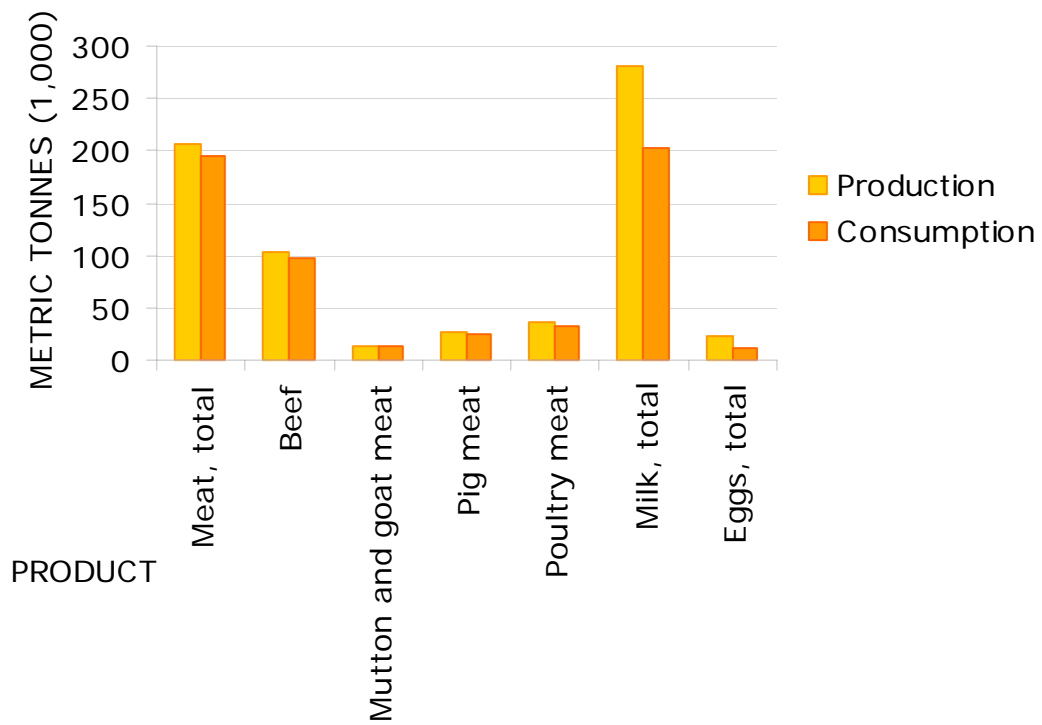
Source: FAO (2005a)

Trends in annual per capita consumption of meat, milk and eggs



Source: FAO (2005a)

Production versus consumption for meat, milk and eggs (2002)



Source: FAO (2005a)

5. TRADE IN LIVESTOCK AND LIVESTOCK PRODUCTS

Trade in agricultural and livestock¹ products

Values in million US\$

Product	Exports				Imports			
	1980	1990	2000	2002	1980	1990	2000	2002
Total	1,561	2,009	2,118	1,999	1,771	2,002	1,956	1,807
Agricultural	448	705	1,060	621	61	77	146	267
% agricultural	28.7	35.1	50.0	31.1	3.4	3.8	7.5	14.8
Livestock	36.4	19.6	50.7	35.0	5.1	2.3	5.8	5.2
% livestock	2.3	1.0	2.4	1.7	0.3	0.1	0.3	0.3

¹Total trade in goods and services expressed in current US\$. Source: World Bank (2002)
Agricultural trade refers to all agricultural products, while livestock trade refers to trade in livestock products and live animals. Source: FAO (2005b)

Export/import 'dependency' for livestock products

Product	Exports as percentage of production				Imports as percentage of consumption			
	1980	1990	2000	2002	1980	1990	2000	2002
Meat, total	15.84	4.72	10.71	5.89	2.49	0.18	0.19	0.14
Beef and buffalo	22.41	7.44	15.71	5.70	3.66	0.29	0.31	0.02
Sheep and goat	0.00	0.04	0.09	0.01	3.17	0.00	0.01	0.00
Pig	1.02	1.42	12.18	10.09	0.20	0.04	0.02	0.00
Poultry	1.17	1.53	4.39	7.73	0.00	0.00	0.20	0.40
Milk, equivalent	0.49	6.24	18.95	4.57	2.52	0.04	4.51	7.55
Eggs, total	0.41	0.88	12.39	33.19	0.00	0.01	0.02	0.00

Source: FAO (2005a)

Product	Net exports as percentage of production				Net imports as percentage of consumption			
	1980	1990	2000	2002	1980	1990	2000	2002
Meat, total	13.72	4.55	10.54	10.77	0.00	0.00	0.00	0.00
Beef and buffalo	19.53	7.18	15.45	7.61	0.00	0.00	0.00	0.00
Sheep and goat	0.00	0.04	0.09	0.05	3.17	0.00	0.00	0.00
Pig	0.82	1.38	12.16	31.38	0.00	0.00	0.00	0.00
Poultry	1.17	1.53	4.20	34.49	0.00	0.00	0.00	0.00
Milk, equivalent	0.00	6.21	16.50	0.00	1.90	0.00	0.00	1.24
Eggs, total	0.41	0.87	12.38	71.58	0.00	0.00	0.00	0.00

Source: FAO (2005a)

Trade in live animals

Species	1980			1990			2000			2002		
	Export	Import	Net trade	Export	Import	Net trade	Export	Import	Net trade	Export	Import	Net trade
Quantities (count)												
Cattle	1,807	0	1,807	294	24	270	20,622	44	20,578	731	0	731
Sheep and goats	169	0	169	0	52	-52	1,782	338	1,444	0	0	0
Pigs	0	0	0	196	22	174	1	114	-113	0	28	-28
Poultry (1,000)	160	4	156	159	204	-45	7,548	384	7,164	6,248	194	6,054
Value (1,000 US\$)												
Cattle	1,615	0	1,615	71	15	56	4,063	54	4,009	167	0	167
Sheep and goats	36	0	36	0	15	-15	194	49	144	0	0	0
Pigs	0	0	0	7	7	0	0	79	-79	0	17	-17
Poultry (1,000)	163	44	119	202	307	-105	2,343	814	1,529	1,987	507	1,480
Total	1,814	44	1,770	280	344	-64	6,599	995	5,604	2,154	524	1,630

Net trade: Exports less Imports

Blanks represent no data

Source: FAO (2005a)

Trade in livestock products

Product	1980			1990			2000			2002		
	Export	Import	Net trade	Export	Import	Net trade	Export	Import	Net trade	Export	Import	Net trade
Quantities (metric tonnes)												
Meat, total	17,497	2,346	15,152	6,593	233	6,360	19,971	321	19,650	12,165	267	11,898
Beef	17,125	2,206	14,920	6,085	220	5,865	15,909	263	15,646	5,833	19	5,813
Mutton and goat	0	123	-123	4	0	4	13	1	12	2	0	2
Pig	88	17	71	162	5	157	2,478	4	2,474	2,719	1	2,718
Poultry	89	0	89	260	0	260	1,117	48	1,069	2,765	131	2,634
Other	195	0	-195	83	8	-91	454	4	-458	845	116	-961
Milk, equivalent	2,099	8,489	-6,390	29,336	134	29,203	58,754	7,609	51,144	12,807	15,316	-2,509
Eggs, total	42	0	42	137	1	136	2,726	4	2,723	7,301	0	7,301
Hides and skins	7,698	0	7,698	2,187	864	1,323	2,390	986	1,404	2,824	5	2,819
Value (1,000 US\$)												
Meat, total	27,189	3,006	24,183	7,501	351	7,150	22,035	253	21,782	13,618	745	12,873
Beef	26,839	2,612	24,227	6,789	343	6,446	13,464	150	13,314	3,475	24	3,451
Mutton and goat	0	336	-336	13	0	13	23	2	20	2	1	1
Pig	176	58	118	220	8	212	4,867	10	4,857	2,676	2	2,674
Poultry	174	0	174	408	0	408	1,502	75	1,427	4,023	109	3,914
Other	0	0	0	71	0	-71	2,180	16	-2,196	3,442	609	-4,051
Milk, equivalent	1,084	1,638	-554	5,145	131	5,014	8,562	2,577	5,985	3,075	3,862	-787
Eggs, total	98	0	98	143	3	140	3,314	25	3,288	8,644	0	8,644
Hides and skins	5,856	0	5,856	6,528	1,243	5,285	10,069	1,868	8,200	7,333	42	7,291
Total	34,227	4,644	29,583	19,317	1,728	17,589	43,979	4,724	39,256	32,670	4,649	28,021

Net trade: Exports less Imports

Blanks represent no data

Source: FAO (2005a)

6. LIVESTOCK HEALTH

Total number of cases/outbreaks of selected diseases reported in all susceptible species

Disease	1997	1998	1999	2000	2001	2002	2003
African swine fever	(03/1992)	(03/1992)	(03/1992)	(03/1992)	(03/1992)	(03/1992)	(03/1992)
Avian Influenza ¹	000	000	000	000	000	000	000
Bluetongue	25/4	12/2	(04/1998)	(04/1998)	6/2	(2001)	(2001)
BSE ²	000	000	000	000	000	000	000
CBPP ³	(1904)	(1904)	(1904)	(1904)	(1904)	(1904)	(1904)
Classical swine fever	000	000	000	000	000	000	000
Foot and mouth disease	655/1	(08/1997)	29/2	(07/1999)	4,710/18	1,0847/8	20,295/354
Lumpy skin disease	494/58	445/100	2,192/272	1,781/325	2,931/330	3,095/106	305/67
Newcastle disease	12,000/45	7,132/51	1,116/8	4,022/8	6,076/33	3,060/11	60/1
Peste des petits ruminants	000	000	000	000	000	000	000
Rift Valley fever	(04/1995)	67/10	11/5	(06/1999)	791/2	(2001)	(2001)
Rinderpest	(1898)	(1898)	(1898)	(1898)	(1898)	(1898)	(1898)
Sheep and goat pox	000	000	000	000	000	000	000
Swine vesicular disease	000	000	000	000	000	000	000
Vesicular stomatitis	000	000	000	000	000	000	000

¹ Highly pathogenic avian influenza

² Bovine spongiform encephalopathy

³ Contagious bovine pleuropneumonia

no./no. number of cases/outbreaks, ... no information, - disease not reported, 000 disease never reported; (month/year) date of the last reported occurrence of the disease in previous years

Source: OIE (2004)

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