

APPENDIX **D**

LIVESTOCK NUMBERS FOR NORTH AMERICA,
WESTERN ASIA, EUROPE AND OCEANIA

TABLE D.1

Continent/Region/Country	Cattle	Buffaloes	Sheep	Goats	Pigs	Poultry
AMERICAS						
Northern America						
Canada	15 083 000	0	1 000 000	30 000	14 675 000	167 050 000
United States of America	95 848 000	0	6 135 000	2 522 500	60 644 500	2 044 900 000
ASIA						
Western Asia						
Armenia	573 300	402	558 300	45 000	89 100	3 699 400
Azerbaijan	2 007 206	308 551	6 887 444	601 387	22 932	18 253 000
Cyprus	57 000	0	295 000	460 000	498 000	3 870 000
Georgia	1 250 700	35 000	689 200	115 700	483 900	9 836 200
Iraq	1 500 000	120 000	6 200 000	1 650 000	0	33 000 000
Israel	357 000	0	435 000	65 000	200 000	35 795 000
Jordan	69 100	100	1 671 535	444 450	0	25 013 000
Kuwait	28 000	0	900 000	150 000	0	32 500 000
Lebanon	90 000	0	340 000	430 000	15 000	35 000 000
Oman	335 000	0	375 000	1 070 000	0	4 200 000
Saudi Arabia	350 000	0	7 000 000	2 200 000	0	141 000 000
Syrian Arab Republic	940 000	2 800	15 310 000	1 018 000	0	30 350 000
Turkey	10 069 346	103 900	25 201 156	6 609 037	4 399	302 978 000
United Arab Emirates	115 000	0	580 000	1 520 000	0	15 000 000
West Bank	34 000	0	800 000	400 000	0	7 000 000
Yemen	1 400 000	0	6 600 000	7 300 000	0	37 000 000
EUROPE						
Eastern Europe						
Belarus	3 962 600	0	59 000	66 000	3 406 800	25 100 000
Bulgaria	671 579	7 973	1 692 507	718 117	931 402	19 140 000
Czech Republic	1 397 308	0	140 197	12 623	2 876 834	13 690 000
Hungary	723 000	0	1 397 000	78 000	4 059 000	41 330 000
Moldova, Republic of	331 000	0	823 000	119 000	397 000	17 522 000
Poland	5 483 290	0	315 963	0	18 112 380	98 100 000
Romania	2 812 000	0	7 430 000	662 000	6 589 000	98 455 000
Russian Federation	22 987 700	17 288	15 493 719	2 277 366	13 412 770	334 708 000
Slovakia	580 000	0	316 000	40 000	1 300 000	13 230 000
Ukraine	6 952 700	0	875 200	894 300	6 466 100	152 800 000
Northern Europe						
Denmark	1 544 296	0	160 745	0	13 466 283	17 350 000
Estonia	249 800	0	38 800	2 900	340 100	2 183 000

(Continued)

TABLE D.1 (Continued)

Continent/Region/Country	Cattle	Buffaloes	Sheep	Goats	Pigs	Poultry
EUROPE						
Northern Europe						
Faroe Islands	2 000	0	68 100	0	0	0
Finland	950 000	0	115 000	7 300	1 365 000	6 000 000
Iceland	64 000	0	454 000	410	35 000	190 000
Ireland	7 000 000	0	4 556 700	7 700	1 757 600	14 595 000
Latvia	371 100	0	38 600	14 700	435 700	4 050 000
Lithuania	791 966	0	22 149	26 904	1 073 348	8 418 230
Norway	920 300	0	2 417 000	64 500	515 400	3 300 000
Sweden	1 619 000	0	479 400	0	1 823 474	6 800 000
U.K. of Great Britain and Northern Ireland	10 378 023	0	35 253 048	0	4 851 000	159 845 000
Southern Europe						
Albania	700 000	120	1 800 000	950 000	140 000	6 475 000
Bosnia and Herzegovina	440 000	13 000	900 000	0	600 000	9 700 000
Croatia	471 025	0	796 480	120 000	1 205 000	11 541 000
Greece	600 000	788	9 000 000	5 400 000	1 000 000	28 193 000
Italy	6 314 000	237 000	8 200 000	985 000	9 272 000	126 000 000
Malta	17 900	0	14 900	5 400	73 000	1 010 000
Portugal	1 443 000	0	5 500 000	547 000	2 348 000	42 000 000
Serbia and Montenegro	1 254 000	28 700	1 828 000	192 000	3 189 000	17 521 000
Slovenia	451 136	0	94 000	22 000	533 998	5 431 000
Spain	6 700 000	0	22 500 000	2 750 000	25 250 000	130 902 000
The former Yugoslav Republic of Macedonia	248 185	725	1 244 000	0	155 753	2 617 000
Western Europe						
Austria	2 051 000	0	327 200	55 500	3 125 400	12 462 000
Belgium	2 694 662	0	155 333	26 455	6 332 433	34 403 000
France	19 383 000	0	9 185 475	1 212 590	15 020 198	243 913 000
Germany	13 034 500	0	2 642 400	170 000	26 858 000	123 087 000
Liechtenstein	6 000	0	2 900	280	3 000	0
Luxembourg	184 172	0	7 500	2 000	84 547	72 828 000
Netherlands	3 862 000	0	1 236 000	282 000	11 153 000	87 900 000
Switzerland	1 540 000	0	443 000	74 000	1 594 000	8 193 000

(Continued)

TABLE D.1 (Continued)

Continent/Region/Country	Cattle	Buffaloes	Sheep	Goats	Pigs	Poultry
OCEANIA						
Australia and New Zealand						
Australia	27 730 000	0	102 700 000	400 000	2 490 000	87 220 000
New Zealand	9 609 000	0	39 928 000	155 000	341 000	20 325 000
Melanesia						
Fiji	310 000	0	5 000	260 000	140 000	4 390 000
New Caledonia	111 000	0	2 300	8 100	25 500	600 000
Papua New Guinea	91 500	0	7 500	2 700	1 750 000	4 026 000
Solomon Islands	13 500	0	0	0	53 000	230 000
Vanuatu	152 000	0	0	12 000	62 000	340 000
Micronesia						
Guam	130	0	0	680	5 100	205 000
Kiribati	0	0	0	0	12 400	460 000
Micronesia (Federated States of)	13 900	0	0	4 000	32 000	0
Nauru	0	0	0	0	2 800	5 000
Polynesia						
American Samoa	103	0	0	0	10 500	38 000
Cook Islands	120	0	0	1 000	32 000	15 000
French Polynesia	12 000	0	440	16 500	27 000	232 000
Niue	112	0	0	0	2 000	15 000
Samoa	29 000	0	0	0	201 000	450 000
Tokelau	0	0	0	0	1 000	5 000
Tonga	11 250	0	0	12 500	81 000	300 000
Tuvalu	0	0	0	0	13 500	60 000
Wallis and Futuna	60	0	0	7 000	25 000	63 000

Informed livestock-sector policy development and planning requires reliable and accessible information about the distribution and abundance of livestock. To that end, and in collaboration with the Environmental Research Group Oxford (ERGO), FAO has developed the “Gridded livestock of the world” spatial database: the first standardized global, subnational resolution maps of the major agricultural livestock species. These livestock data are now freely available for downloading via the FAO Web pages: <http://www.fao.org/ag/AGInfo/resources/en/glw/default.html>.

This publication describes how available livestock data have been collected and then enhanced by statistical modelling to produce a digital, geo-referenced global dataset. It also provides varied and extensive examples of some of the applications for which the data have been used. The spatial nature of the data means they can be used in a variety of ways, such as livestock population projections and production estimates, epidemiological analyses, disease impact analyses and environmental impact assessment. Furthermore, by incorporating these data into appropriate decision support methodologies, the impact of livestock-sector development policies may be evaluated and informed recommendations for policy adjustments made.

The publication is intended to provide a formal reference for the dataset and to stimulate further applications and feedback from those most concerned with the development of the livestock sector, be they policy-makers, researchers, producers or practitioners in livestock-sector development.

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