Supplementary information 5a – Country details on sub-national statistics for cattle (year and level of observation) by continental tile.

Africa Tile

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Europe Tile

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<td>11,092,285</td>
<td>Ministerio de Ganadería, Agricultura y Pesca, Estadísticas Agropecuarias, Uruguay: Datos de la Declaración Jurada de DICOSE 2010 - Datos Generales de Lechería y de Suinos (GLIMS data warehouse)</td>
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No Data for: Aruba, Guyana, Trinidad and Tobago
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No Data for: Ashmore and Cartier Islands, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, New Caledonia, Niue, Norfolk Island, Palau, Pitcairn, Samoa, Solomon Islands, Tokelau, Tuvalu, Vanuatu, Wake Island, Wallis and Futuna
Supplementary information 5b – Country details sub-national statistics for pigs (year and level of observation) by continental tile.

**Africa Tile**

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<td>Direction des Ressources Animales: Situation de l'élevage a Madagascar 2002 (GLIMS data warehouse)</td>
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<td>Agriculture Statistics Division of the National Statistical Office of Malawi (NSO): National Census of Agriculture and Livestock (October 2006 - October 2007) (GLIMS data warehouse)</td>
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<td>FAO Special Report, FAO/WFP Crop, Livestock and Food Security Assessment Mission to Namibia (GLIMS data warehouse)</td>
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<td>Agriculture and Natural Resources Department of St. Helena: Livestock Census 2009 (GLIMS data warehouse)</td>
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<td>South Africa</td>
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<td>Directorate Veterinary Services, South Africa: Animal Disease Report, January to September 2003 (GLIMS data warehouse)</td>
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<td>Swaziland</td>
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<td>Directorate of Veterinary and Livestock Services: Swaziland Livestock Statistics, Census 2010 (GLIMS data warehouse)</td>
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<td>Zambia</td>
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<td>Department of Research and Specialist Services, Zambia: National Livestock Census by Province 1994 to 2009 (GLIMS data warehouse)</td>
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<td>Zimbabwe</td>
<td>2008</td>
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<td>Department of Livestock and Veterinary Services: Livestock Census Summary (GLIMS data warehouse)</td>
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No Data for: Bassas da India, British Indian Ocean Territory, Comoros, Djibouti, Egypt, Equatorial Guinea, Europa Island, Glorioso Island, Juan de Nova Island, Liberia, Libya, Mauritania, Mayotte, Seychelles, Sudan, Tromelin Island, Tunisia, Western Sahara
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<td>National Statistical Committee of the Republic of Belarus: Agriculture of the Republic of Belarus, 2011 (GLIMS data warehouse)</td>
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<td>Bhutan</td>
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<td>Ministry of agriculture and forest, Royal government of Bhutan: Dzongkhag livestock sector (GLIMS data warehouse)</td>
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<td>Cambodia</td>
<td>2011</td>
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<td>Georgia</td>
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<td>AgroWeb Central Asia and Caucasus: Georgian National Association for Animal Production (GNAAP), 2005 (GLIMS data warehouse)</td>
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<td>Indonesia</td>
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<td>5,854,781</td>
<td>Department Pertanian Republik Indonesia: Buku Statistik, 2012 (GLIMS data warehouse)</td>
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<td>Kazakhstan</td>
<td>2004</td>
<td>1</td>
<td>1,341,300</td>
<td>Agency on Statistics of the Republic of Kazakhstan: Main socio economic indicators of regions in Kazakhstan 2005. Almaty, Kazakhstan (GLIMS data warehouse)</td>
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<td>Kyrgyzstan</td>
<td>2003</td>
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<td>105,476</td>
<td>National Statistic Committee of Kyrgyzstan: Results of the first agricultural census of the Kyrgyz Republic of 2003 (Second Stage) (GLIMS data warehouse)</td>
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<td>Department of Veterinary Service, Malaysia: Livestock Products statistics 1996-2002</td>
<td>(GLIMS data warehouse)</td>
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<td>Myanmar</td>
<td>2011</td>
<td>Livestock Breeding and Veterinary Department (LBVD), Ministry of Livestock Breeding and Fisheries, Yangon, Myanmar: Myanmar Farm Animal Resources: Numbers and Distributions from Administrative Returns, 2011/12</td>
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<td>Nepal</td>
<td>2009</td>
<td>Ministry of Agriculture and Cooperatives (MOAC), Nepal: 2009 data</td>
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<td>Philippines</td>
<td>2010</td>
<td>Bureau of Agricultural Statistics (BAS): Livestock Survey Philippines 2010</td>
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<td>Turkey</td>
<td>2009</td>
<td>Turkish Statistical Institute: Livestock statistics database 2009</td>
<td>(GLIMS data warehouse)</td>
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<td>Ukraine</td>
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<td>State statistics committee Ukraine: Head of livestock and poultry by regions</td>
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No Data for: Afghanistan, Bahrain, Brunei Darussalam, Christmas Island, Cocos (Keeling) Islands, Democratic People's Republic of Korea, Islamic Republic of Iran, Iraq, Israel, Jordan, Kuril Islands, Kuwait, Lebanon, Liancourt Rock, Maldives, Mongolia, Oman, Pakistan, Paracel Islands, Qatar, Saudi Arabia, Scarborough Reef, Senkaku Islands, Singapore, Spratly Islands, Syrian Arab Republic, Timor-Leste, Turkmenistan, United Arab Emirates, Yemen
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<td>Institute of Statics, Albania: Agricultural sector, Livestock 2001-2010 (GLIMS data warehouse)</td>
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<td>Central bureau of statistics, Republic of Croatia: Agricultural Census 2003. Online data: <a href="http://www.dzs.hr/default_e.htm">http://www.dzs.hr/default_e.htm</a></td>
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<td>The Information Centre of the Ministry of Agriculture and Forestry, Finland: Yearbook of Farm Statistics 2011 (GLIMS data warehouse)</td>
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<td>Istituto Nazionale di Statistica: Censimento Agricoltura 2010. Online data: <a href="http://dati-censimentoagricoltura.istat.it">http://dati-censimentoagricoltura.istat.it</a></td>
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For more information, please visit the following URLs:
- Amt für Statistik Liechtenstein: [Landwirtschaftsstatistik 2009](#)
- Lietuvos Statistikas Departamenta: [Number of livestock by administrative territory, 2011](#)
- Portail des statistiques du Grand-Duché de Luxembourg: [Recensement Agricole, 2008](#)
- National Statistics Office of Malta: [Census of Agriculture 2010](#)
- Statistical office of Montenegro: [Agriculture Census 2010](#)
- Centraal Bureau voor de Statistiek, Netherlands: [Agriculture: crops, livestock and land use by general far type, region - 2011](#)
- Statistics Norway: [Agriculture Statistics 2011](#)
- Central Statistical Office, Poland: [Statistical Yearbook of Agriculture 2010](#)
- Instituto Nacional de Estatística: [Agricultural Census 2009](#)
- Statistical Office of Serbia: [Municipalities of Serbia 2007](#)
- Statistical Office of the Slovak Republic: [Livestock by territory, products and period](#)
- Statistical Office of the Republic of Slovenia: [Agricultural Census Slovenia 2010](#)
- Ministerio de Medio Ambiente y Medio Rural y Marino, Gobierno de España: [Encuestas Ganaderas, 2010](#)
- Statistics Sweden: [Yearbook of Agricultural Statistics 2010](#)
- Swiss Federal Statistical Office: [Recensement des entreprises agricoles,1999-2009](#)
- Office for National Statistics, U.K.: [Statistics by Region](#)
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<td>Colombia</td>
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<td>Ecuador</td>
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<td>6</td>
<td>1,042,022</td>
<td>Instituto Nacional de Estadistica y Censos, Ecuador: Encuesta Nacional de Superficie y Produccion Agropecuaria Continua (ESPAC) (GLIMS data warehouse)</td>
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<td>35,273</td>
<td>Central Statistical Office - Ministry of Planning &amp; Development Government of the Republic of Trinidad &amp; Tobago: Pig Bulletin 2010 (GLIMS data warehouse)</td>
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<td>Uruguay</td>
<td>2010</td>
<td>1</td>
<td>177,914</td>
<td>Ministerio de Ganadería, Agricultura y Pesca, Estadísticas Agropecuarias, Uruguay: Datos de la Declaración Jurada de DICOSE 2010 - Datos Generales de Lechería y de Suinos (GLIMS data warehouse)</td>
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No Data for: Aruba, Guyana
## Oceania Tile

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No Data for: Ashmore and Cartier Islands, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, Niue, Norfolk Island, Palau, Papua New Guinea, Pitcairn, Samoa, Solomon Islands, Tokelau, Tuvalu, Vanuatu, Wake Island, Wallis and Futuna
**Supplementary information 5e –** Country details on sub-national statistics for chickens (year and level of observation) by continental tile.

**Africa Tile**

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<td>Cameroon</td>
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<td>Cape Verde</td>
<td>2004</td>
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<td>327,562</td>
<td>Directorate of Livestock, Cape Verde: Recenseamento Geral da Agricultura, 2004 (GLIMS data warehouse)</td>
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<td>47,867,370</td>
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<td>13,213,984</td>
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<td>2002</td>
<td>22,636,314</td>
<td>Direccao Nacional de Pecuaria, Mozambique: Annual Reports, 2003 (GLIMS data warehouse)</td>
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<td>Department of Veterinary Services, Namibia: FAO Special Report, FAO/WFP Crop, Livestock and Food Security Assessment Mission to Namibia (GLIMS data warehouse)</td>
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<td>Saint Helena</td>
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<td>4,421</td>
<td>Agriculture and Natural Resources Department of St. Helena: Livestock Census 2009 (GLIMS data warehouse)</td>
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<td>Sao Tome and Principe</td>
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<td>South Africa</td>
<td>2002</td>
<td>45,400,346</td>
<td>Directorate Veterinary Services, South Africa: Animal Disease Report, January to September 2003 (GLIMS data warehouse)</td>
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<td>Swaziland</td>
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<td>1,936,344</td>
<td>Directorate of Veterinary and Livestock Services: Swaziland Livestock Statistics, Census 2010 (GLIMS data warehouse)</td>
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<td>United Republic of Tanzania</td>
<td>2009</td>
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<td>10,421,085</td>
<td>Department of Research and Specialist Services, Zambia: National Livestock Census by Province 1994 to 2009 (GLIMS data warehouse)</td>
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No Data for: Algeria, Bassas da India, British Indian Ocean Territory, Congo, Djibouti, Equatorial Guinea, Eritrea, Europa Island, Glorioso Island, Juan de Nova Island, Liberia, Libya, Mauritania, Mauritius, Mayotte, Morocco, Seychelles, Togo, Tromelin Island, Tunisia, Western Sahara, Zimbabwe
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<td>Department Pertanian Republik Indonesia: Buku Statistik, 2011 (GLIMS data warehouse)</td>
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<td>Jordan</td>
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<td>172,052</td>
<td>Department of Statistics, Jordan: The Agricultural Census 2007 (GLIMS data warehouse)</td>
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<td>Kyrgyzstan</td>
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<td>3,585,842</td>
<td>National Statistic Committee of Kyrgyzstan: Results of the first agricultural census of the Kyrgyz Republic of 2003 (Second Stage) (GLIMS data warehouse)</td>
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<td>Department of Veterinary Service, Malaysia: Livestock Products statistics 1996-2002 (GLIMS data warehouse)</td>
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<td>Myanmar</td>
<td>2006</td>
<td>Livestock Breeding and Veterinary Department (LBVD), Ministry of Livestock Breeding and Fisheries, Yangon, Myanmar: Myanmar Animal Census 2006 (GLIMS data warehouse)</td>
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<td>Nepal</td>
<td>2009</td>
<td>Ministry of Agriculture and Cooperatives (MOAC), Nepal: 2009 data (GLIMS data warehouse)</td>
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<td>Pakistan</td>
<td>1996</td>
<td>Agricultural Census Organization, Ministry of Food &amp; Agriculture, Pakistan: Livestock census 1996 - special report. Lahore, Pakistan (GLIMS data warehouse)</td>
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<td>Syrian Arab Republic</td>
<td>2005</td>
<td>FAO Animal Production and Health Division, Emergency Centre for Transboundary Animal Diseases, Socio Economics, Production and Biodiversity Unit, 2008. Poultry sector country review: Syria (GLIMS data warehouse)</td>
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<td>Tajikistan</td>
<td>2000</td>
<td>Government Statistic Committee of the Republic of Tajikistan: Agricultural Yearbook of the Republic of Tajikistan (GLIMS data warehouse)</td>
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<td>Thailand</td>
<td>2004</td>
<td>Department of Livestock Development, Ministry of Agriculture and Cooperatives, Thailand: Census 2004 (X-ray surveys searching for HPAI outbreaks) (GLIMS data warehouse)</td>
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<td>Turkey</td>
<td>2009</td>
<td>Turkish Statistical Institute: Livestock statistics database 2009 (GLIMS data warehouse)</td>
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<td>Ukraine</td>
<td>2009</td>
<td>State Statistics Committee Ukraine: Head of livestock and poultry by regions (GLIMS data warehouse)</td>
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No Data for: Armenia, Azerbaijan, Bahrain, Brunei Darussalam, Bulgaria, Christmas Island, Cocos (Keeling) Islands, Cyprus, Democratic People's Republic of Korea, Islamic Republic of Iran, Iraq, Israel, Kuril Islands, Liancourt Rock, Maldives, Mongolia, Oman, Paracel Islands, Qatar, Republic of Moldova, Scarborough Reef, Senkaku Islands, Singapore, Spratly Islands, Timor-Leste, Turkmenistan, United Arab Emirates, Uzbekistan, Yemen
Europe Tile

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<td>Institute of Statics, Albania: Agricultural sector, Livestock 2001-2010 (GLIMS data warehouse)</td>
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<td>Croatia</td>
<td>2003</td>
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<td>10,477,514</td>
<td>Central Bureau of Statistics, Republic of Croatia: Agricultural Census 2003. Online data: <a href="http://www.des.hr/default_e.htm">http://www.des.hr/default_e.htm</a></td>
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<td>Finland</td>
<td>2010</td>
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<td>7,828,600</td>
<td>The Information Centre of the Ministry of Agriculture and Forestry, Finland: Yearbook of Farm Statistics 2011 (GLIMS data warehouse)</td>
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<td>France</td>
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<td>205,617,000</td>
<td>Agreste la Statistique Agricole, Le Ministère de l'Agriculture, de l'Alimentation, de la Pêche et de la Ruralité: Agreste la Statistique Agricole, 2002 (GLIMS data warehouse)</td>
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<td>Greece</td>
<td>2007</td>
<td>2</td>
<td>33,495,026</td>
<td>Hellenic Statistic Authority (ELSTAT): Farms and number of animals by type, region and county (GLIMS data warehouse)</td>
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<td>Hungary</td>
<td>2010</td>
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<td>Hungarian Central Statistical Office: Regional Statistics. Online data: <a href="http://www.ksh.hu/agriculture">http://www.ksh.hu/agriculture</a></td>
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<td>Italy</td>
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<td>139,031,114</td>
<td>Istituto Nazionale di Statistica: Censimento Agricoltura 2010. Online data: <a href="http://dati-censimentoagricoltura.istat.it">http://dati-censimentoagricoltura.istat.it</a></td>
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<td>Liechtenstein</td>
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<td>2008</td>
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<td>Portail des statistiques du Grand-Duché de Luxembourg (STATEC): Recensement Agricole, 2008 (GLIMS data warehouse)</td>
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<td>Malta</td>
<td>2010</td>
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<td>National Statistics Office of Malta: Census of Agriculture 2010. Online data:</td>
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<td>Montenegro</td>
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<td>Statistical office of Montenegro (MONSTAT): Agriculture Census 2010. Online data:</td>
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<td>Netherlands</td>
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<td>Centraal Bureau voor de Statistiek, Netherlands: Agriculture: crops, livestock and land use by general far type, region - 2011 (GLIMS data warehouse)</td>
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<td>Norway</td>
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<td>Statistics Norway: Statistical Yearbook 2003 (GLIMS data warehouse)</td>
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<td>Poland</td>
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<td>Central Statistical Office, Poland: Statistical Yearbook of Agriculture 2010 (GLIMS data warehouse)</td>
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<td>Instituto Nacional de Estatística - Statistics Portugal: Agricultural Census 2009. Online data:</td>
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<td>Swiss Federal Statistical Office: Recensement des entreprises agricoles,1999-2009 (GLIMS data warehouse)</td>
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<td>The former Yugoslav Republic of Macedonia</td>
<td>2008</td>
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<td>State Statistic Office of the Republic of Macedonia: Total number of livestock, poultry and bee-hives (2007 and 2008) (GLIMS data warehouse)</td>
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<td>United Kingdom</td>
<td>2009</td>
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<td>Office for National Statistics, U.K.: Statistics by Region. Online data:</td>
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No Data for: Andorra, Bosnia and Herzegovina, Faroe Islands, Gibraltar, Guernsey, Holy See, Isle of Man, Jersey, Madeira Islands, Monaco, San Marino, Svalbard and Jan Mayen Islands
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No Data for: Anguilla, Antigua and Barbuda, Bahamas, Barbados, Bermuda, Bird Island, British Virgin Islands, Cayman Islands, Costa Rica, Cuba, Dominican Republic, Grenada, Guadeloupe, Haiti, Honduras, Montserrat, Netherlands Antilles, Saint Kitts and Nevis, Turks and Caicos Islands, United States Virgin Islands
## South America Tile

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<td>Colombia</td>
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<td>Peru</td>
<td>2007</td>
<td>1</td>
<td>120,226,000</td>
<td>Instituto Nacional de Estadistica e Informatica, Peru: Compendio Estadistico 2007 (GLIMS data warehouse)</td>
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No Data for: Aruba, Falkland Islands, Guyana, Trinidad and Tobago
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No Data for: Ashmore and Cartier Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, New Zealand, Niue, Norfolk Island, Palau, Papua New Guinea, Pitcairn, Samoa, Solomon Islands, Tokelau, Tuvalu, Vanuatu, Wake Island, Wallis and Futuna
**Supplementary information 5d – Country details on sub-national statistics for ducks (year and level of observation) by continental tile.**

**Africa Tile (Data insufficient to run the regional model)**

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<td>Central Agency for Public Mobilization and Statistics, Egypt: Estimated numbers of livestock and animals by Governorate 2011 (GLIMS data warehouse)</td>
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<td>429,170</td>
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<td>Mozambique</td>
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<td>Sierra Leone</td>
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<td>Ministry of Agriculture &amp; Food Security of Sierra Leone: 2004 Populations and Housing Census Statistical Office (GLIMS data warehouse)</td>
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<td>Togo</td>
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<td>Division de la Production et de la Santé Animales de la FAO, Centre d’Urgence pour les Maladies Animales Transfrontalières, Unité de Socio-Économie, Production et Biodiversité, Revue du secteur avicole: Togo, 2008 (GLIMS data warehouse)</td>
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<td>Ministry of Statistics and Analysis Of The Republic of Belarus: Statistical Yearbook of the Republic of Belarus 2005 (GLIMS data warehouse)</td>
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<td>India</td>
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<td>27,154,998</td>
<td>Department of Animal Husbandry, Dairying &amp; Fisheries, Ministry of Agriculture, India: Census of Agriculture, 2007 (GLIMS data warehouse)</td>
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<td>Department of Veterinary Service, Malaysia: Livestock Products statistics 1996-2002 (GLIMS data warehouse)</td>
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<td>Myanmar</td>
<td>2006</td>
<td>6</td>
<td>9,745,621</td>
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<td>Pakistan</td>
<td>1996</td>
<td>2</td>
<td>1,127,108</td>
<td>Agricultural Census Organization, Ministry of Food &amp; Agriculture, Pakistan: Livestock census 1996 - special report. Lahore, Pakistan (GLIMS data warehouse)</td>
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<td>Qatar</td>
<td>2001</td>
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<td>Ministry of Municipal Affairs and Agriculture Department of Agriculture and Water Research: Agricultural Census 2000-2001 (GLIMS data warehouse)</td>
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<td>Republic of Korea</td>
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<td>Turkey</td>
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<td>Ukraine</td>
<td>2009</td>
<td>1 8,743,007 State Statistics Committee Ukraine: Head of livestock and poultry by regions (GLIMS data warehouse)</td>
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No Data for: Armenia, Azerbaijan, Bahrain, Bhutan, Brunei Darussalam, Bulgaria, Christmas Island, Cocos (Keeling) Islands, Cyprus, Democratic People’s Republic of Korea, Georgia, Islamic Republic of Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Kuril Islands, Kuwait, Kyrgyzstan, Lebanon, Liancourt Rock, Maldives, Mongolia, Oman, Paracel Islands, Republic of Moldova, Saudi Arabia, Scarborough Reef, Senkaku Islands, Singapore, Spratly Islands, Syrian Arab Republic, Tajikistan, Timor-Leste, Turkmenistan, United Arab Emirates, Uzbekistan, Yemen
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<td>Institute of Statics, Albania: Agricultural sector, Livestock 2001-2010 (GLIMS data warehouse)</td>
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<td>Bosnia and Herzegovina</td>
<td>2009</td>
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<td>529,095</td>
<td>Federal Office of Statistics of Federation of Bosnia and Herzegovina: Number of animals from Federal Agro-Mediterranean Institute of Mostar (GLIMS data warehouse)</td>
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<td>The Information Centre of the Ministry of Agriculture and Forestry, Finland: Yearbook of Farm Statistics 2011 (GLIMS data warehouse)</td>
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<td>France</td>
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<td>Service de la Statistique et de la Prospective (SSP): Statistique Agricole Annuelle (GLIMS data warehouse)</td>
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<td>Greece</td>
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<td>Hellenic Statistic Authority (ELSTAT): Farms and number of animals by type, region and county (GLIMS data warehouse)</td>
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<td>Hungary</td>
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<td>3,169,000</td>
<td>Hungarian Central Statistical Office: Regional Statistics. Online data: <a href="http://www.ksh.hu/agriculture">http://www.ksh.hu/agriculture</a></td>
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<td>2010</td>
<td>942,163</td>
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<td>Luxembourg</td>
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<td>77,841</td>
<td>Portail des statistiques du Grand-Duché de Luxembourg (STATEC): Recensement Agricole 2008 (GLIMS data warehouse)</td>
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<td>Netherlands</td>
<td>2010</td>
<td>12,254,972</td>
<td>Centraal Bureau voor de Statistiek, Netherlands: Agriculture: crops, livestock and land use by general far type, region - 2011 (GLIMS data warehouse)</td>
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<td>Norway</td>
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<td>Serbia</td>
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<td>3,998,927</td>
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<td>Spain</td>
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<td>25,704,041</td>
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<td>Sweden</td>
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<td>Statistics Sweden: Yearbook of Agricultural Statistics 2010 (GLIMS data warehouse)</td>
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<td>Switzerland</td>
<td>2009</td>
<td>1,557,204</td>
<td>Swiss Federal Statistical Office: Recensement des entreprises agricoles,1999-2009 (GLIMS data warehouse)</td>
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No Data for: Andorra, Faroe Islands, Gibraltar, Guernsey, Holy See, Isle of Man, Jersey, Madeira Islands, Monaco, San Marino, Svalbard and Jan Mayen Islands
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<td>Instituto Nacional de Estadística, Guatemala: IV Censo Nacional Agropecuario 2003. Online data:</td>
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<td>Panama</td>
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No Data for: Anguilla, Antigua and Barbuda, Bahamas, Barbados, Bermuda, Bird Island, British Virgin Islands, Cuba, Dominica, Dominican Republic, Grenada, Haiti, Honduras, Montserrat, Netherlands Antilles, Saint Kitts and Nevis, Turks and Caicos Islands, United States Virgin Islands
South America Tile (Data insufficient to run the regional model)

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<td>Ministerio de Agricultura y Desarrollo Rural, Departamento Administrativo Nacional de Estadística, Colombia: Encuesta Nacional Agropecuaria - Resultados 2001 (GLIMS data warehouse)</td>
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<td>Paraguay</td>
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