Supplementary Table S1. Number of exotic or locally adapted breeds, and proportion of breeds submitted to genetic evaluation or to breeding methods including cross-breeding, reported by 30 OECD and 86 non-OECD countries.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number of breeds reported | | | | | | | | |
| Breeds | OECD | Dairy cattle | Beef cattle | Multipurpose cattle | Sheep | Goats | Pigs | Chickens |
| Exotic | No | 245 | 304 | 106 | 286 | 218 | 245 | 577 |
| Yes | 84 | 230 | 50 | 300 | 109 | 134 | 989 |
| Locally adapted | No | 125 | 267 | 266 | 420 | 254 | 206 | 381 |
| Yes | 87 | 266 | 130 | 581 | 194 | 194 | 648 |
| Percentage of breeds for which genetic evaluation is reported1 | | | | | | | | |
| Breeds | OECD | Dairy cattle | Beef cattle | Multipurpose cattle | Sheep | Goats | Pigs | Chickens |
| Exotic | No | 23% | 22% | 23% | 25% | 19% | 24% | 16% |
| Yes | 55% | 54% | 64% | 46% | 41% | 51% | 6% |
| Locally adapted | No | 47% | 42% | 22% | 37% | 26% | 28% | 28% |
| Yes | 71% | 60% | 54% | 49% | 36% | 59% | 28% |
| Percentage of breeds subjected to breeding methods including cross-breeding2 | | | | | | | | |
| Breeds | OECD | Dairy cattle | Beef cattle | Multipurpose cattle | Sheep | Goats | Pigs | Chickens |
| Exotic | No | 48% | 47% | 47% | 33% | 42% | 43% | 34% |
| Yes | 26% | 33% | 60% | 36% | 20% | 39% | 28% |
| Locally adapted | No | 53% | 46% | 31% | 33% | 31% | 41% | 28% |
| Yes | 34% | 44% | 25% | 31% | 16% | 38% | 24% |

1 Number of breeds reported for which genetic evaluation (classic approach) have been undertaken over the total number of breeds reported.

2 Number of breeds reported to be subject to breeding programmes apllying breeding methods including straigh/pure-breeding and cross-breeding over the total number of breeds reported.