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#### 附录 4 2015–2019 年山西省和顺县华北豹袭击家畜事件受损农户、家牛死伤数量以及经济损失

#### Appendix 4 Number of households impacted, number of cattle injured/killed and the economic loss due to livestock depredation by leopards in Heshun from 2015 to 2019

年份 Year	受损户数 No. of households impacted	家牛死伤数量 No. of cattle injured/killed		经济损失总额 Economic loss (ten thousand yuan)	和顺县牛存栏 Cattle stock of Heshun County	和顺县畜牧业生产总值 GDP of animal husbandry of Heshun County (ten thousand yuan)	家牛死伤率 Percentage of cattle injured/killed	畜牧业产值损失率(%) Percentage GDP loss	户均收入损失 Economic loss per household (ten thousand yuan)
		大牛 Large	小牛 Small						
2015	43	11	41	63	23,763	14,926	0.22	0.42	1.47
2016	16	0	19	19	22,911	16,867	0.08	0.11	1.19
2017	44	11	45	67	25,785	17,473	0.22	0.38	1.52
2018	17	1	20	22	25,788	19,317	0.08	0.11	1.29
2019	43	4	49	57	17,224	20,805	0.31	0.27	1.33
平均值 Average							0.18	0.26	1.36

家牛死伤率计算公式为: (家牛死伤数量 ÷ 牛存栏总量) × 100%; 畜牧业产值损失率计算公式为: (因家牛死伤造成的经济损失总额 ÷ 畜牧业总产值) × 100%; 户均收入损失计算公式为: 因家牛死伤造成的经济损失总额 ÷ 受损农户数量。其中, 经济损失按照小牛 1 万元、大牛 2 万元的市场价计算。和顺县牛存栏、畜牧业生产总值数据来自 2016–2020 年的《山西统计年鉴》。

Percentage cattle injured/killed = (No. of cattle injured/killed ÷ Cattle stock) × 100%; Percentage GDP loss of animal husbandry industry = (Economic loss due to livestock depredation ÷ GDP of animal husbandry) × 100%; Economic loss per household = Economic loss due to livestock depredation ÷ No. of households impacted. When calculate the economic loss, cattle less than 1 year old account for 10 thousand yuan each, whereas cattle older than 1 year old account of 20 thousand yuan each. Figures for cattle stock and GDP of animal husbandry of Heshun County come from Shanxi Statistical Yearbook 2016–2020.