Laying hens			De	elphi S	urvey T	arget	value		De	elphi S	urvey A	Alarm value		
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n) -			Median	25th	75th percen- tile*	(n)
Random samples														
Keel bone damage - PULLET	Pullets with deformation (deviation in any direction from a straight keel bone) or fracture (callus or fragmented sections of keel bone)	percentage of animals		0,9	0,5	0,0	2,0	(17)	2	3,4	3,0	1,0	5,0	(17)
Keel bone damage - LAYING HEN	Hens with deformation (deviation in any direction from a straight keel bone) or fracture (callus or fragmented sections of keel bone)	percentage of animals		4,5	3,0	0,0	10,0	(17)	2	11,2	9,0	5,0	20,0	(16)
Plumage condition score 1 and 2 - PULLET	Pullets with at least one broken or pecked wing/tail feather, or featherless area of any size at back or belly (= score 1 plus score 2)	percentage of animals		4,4	4,0	0,0	5,0	(17)	2	12,5	10,0	5,0	20,0	(17)
Plumage condition score 2 - PULLET	Pullets with at least 3 broken or pecked wing/tail feathers, or featherless areas > 1 cm longest diameter at back or belly (= score 2)	percentage of animals		1,4	1,0	0,0	2,0	(17)	2	6,1	4,5	3,0	5,0	(18)
Plumage condition score 1 and 2 - LAYING HEN	Hens with featherless areas of any size at neck, back or belly (= score 1 plus score 2)	percentage of animals		9,2	9,0	5,0	10,0	(18)	≥	23,7	20,0	20,0	30,0	(18)
Plumage condition score 2 - LAYING HEN	Hens with featherless area \ge 5 cm longest diameter at neck, back or belly (= score 2)	percentage of animals		2,6	2,0	0,6	4,0	(19)	2	10,0	9,0	5,0	10,0	(20)
Skin injuries score 1 und 2 - PULLET	PULLETs with injuries of the skin or bloody quills (fresh or scabbed) at back or belly incl. base of tail, cloaca (= score 1 plus score 2)	percentage of animals		1,3	0,3	0,0	2,0	(18)	≥	4,6	4,5	2,0	5,0	(18)
Skin injuries score 2 - PULLET	Pullets with skin injuries (fresh or scabbed) at back or belly incl. base of tail, cloaca (= score 2)	percentage of animals		0,2	0,0	0,0	0,1	(17)	2	2,3	2,0	1,0	3,0	(19)
Skin injuries score 1 und 2 - LAYING HEN	Hens with any skin injury (fresh or scabbed) (= score 1 plus score 2)	percentage of animals		2,7	2,0	0,0	5,0	(20)	≥	9,3	6,5	5,0	10,0	(20)
Skin injuries score 2 - LAYING HEN	Hens with at least 3 small (< 1 cm diameter) injuries (bloody or scabbed) or at least one big injury (\geq 1 cm diameter) (bloody or scabbed) (=score 2)	percentage of animals		1,1	0,8	0,0	1,4	(18)	2	3,8	3,0	2,0	5,0	(20)
Toe injuries - PULLET	Pullets with toe injury (fresh or scabbed) or missing toe on at least one foot	percentage of animals		0,6	0,0	0,0	1,0	(17)	2	2,7	3,0	1,0	4,0	(17)
Toe injuries - LAYING HEN	Hens with toe injury (fresh or scabbed) or missing toe on at least one foot	percentage of animals		0,8	0,0	0,0	1,5	(19)	2	3,5	3,0	1,5	5,0	(19)
Foot pad dermatitis score 1 and 2 - PULLET	Pullets with mostly round ulcers/alterations without or with swelling (foot with worse score is documented) (= score 1 plus score 2)	percentage of animals		0,4	0,0	0,0	0,6	(16)	2	4,1	3,0	1,0	5,0	(17)
Foot pad dermatitis score 2 - PULLET	Pullets with mostly round ulcers/alterations with severe, dorsally visible swelling ("bumble foot)(= score 2)	percentage of animals		0,1	0,0	0,0	0,0	(16)	2	1,1	1,0	0,1	2,0	(16)
Foot pad dermatitis score 1 und 2 - LAYING HEN	Hens with mostly round ulcers/alterations without or with swelling (foot with worse score is documented) (= score 1 plus score 2)	percentage of animals		2,1	1,5	0,0	3,0	(17)	≥	9,1	8,0	4,0	10,0	(17)
Foot pad dermatitis score 2 - LAYING HEN	Hens with mostly round ulcers/alterations with severe, dorsally visible swelling ("bumble foot")(= score 2)	percentage of animals		0,6	0,0	0,0	1,0	(18)	2	2,9	3,0	1,0	5,0	(17)

Laying hens		De	elphi S	Survey T	arget	value		De	elphi S	urvey A	larm v	alue		
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n)		Mean	Median		75th percen- tile*	(n)
Ongoing data collection														
Monthly mortality rate, all causes	Number of dead or culled birds per flock and month in relation to the number of birds housed.	%	≤	1,0	0,5	0,3	1,0	(18)	≥	2,3	1,5	1,0	3,0	(17)
Target weight fulfilment	Mean weight (total weight [g] / number of birds weighed) in relation to the target weight of the respective week of life according to the breeding company [g].	%	2	96,6	98,0	95,0	99,5	(14)	≤	87,7	86,5	85,0	93,8	(14)
Uniformity	Number of birds within \pm 10 % of the mean value in relation to the total birds weighed	%	2	91,3	90,0	90,0	95,0	(15)	≤	80,7	80,0	75,5	82,5	(15)
Proportion of too light birds	Number of birds below -10 % of the mean value in relation to the total birds weighed	%	≤	4,2	5,0	1,0	5,0	(14)	≥	10,3	10,0	7,5	15,0	(15)
Laying performance	Deviation of the daily laying performance from the standard values according to the breeder's data	% Deviation downwards	≤	2,6	2,0	0,0	3,5	(12)	≥	8,7	10,0	5,0	10,0	(11)
External egg quality	Deviation of the secondary egg percentage from the following average values: Mean secondary egg percentage 9.7 % for brown layers, 9.1 % for white layers	% Deviation upwards	≤	2,7	2,5	1,3	4,5	(6)	2	7,3	8,0	5,5	9,8	(6)
Water consumption	Deviation of daily water consumption [I/1000 birds] from standard values	% Deviation downwards		1,5	1,0	0,0	2,5	(11)	≥	3,9	3,3	2,0	5,0	(10)
Final recording							1			•				•
Drug usage	Sum of used antibiotics or prescription drugs (duration of application incl. days of effect * number of active substances * number of treated birds) / number of hens housed in the flock.	Therapy index		0,7	0,0	0,0	0,2	(10)	2	2,0	2,0	1,0	2,0	(9)
Injured on arrival	Number of birds delivered to the slaughterhouse injured by capture or transport in relation to the total number of birds delivered.	%	≤	0,5	0,5	0,0	0,9	(18)	≥	2,1	2,0	1,0	3,0	(18)
Dead on arrival	Number of dead birds delivered to the slaughterhouse in relation to the total number of birds delivered.	%	≤	0,2	0,0	0,0	0,5	(18)	≥	1,1	1,0	0,5	1,5	(18)
Weight at slaughter	Deviation of the average animal weight at slaughter from the standard values according to the breeder's data	% Deviation downwards		3,2	4,0	0,0	5,0	(14)	≥	10,2	10,0	8,5	11,5	(14)
	Number of birds unfit for slaughter or unfit for human consumption	%	<	0,7	0,5	0,0	1,3	(15)	≥	3,3	3,0	1,0	4,5	(15)

Broiler chickens			De	lphi S	urvey T	arget v	value		De	lphi S	urvey A	larm v	value	
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n)		Mean	Median		75th percen- tile*	(n)
Random samples														
	Birds in the second week of life with foot pad alterations like hyperkeratosis or deep lesions with damage of the upper skin layer.	percentage of animals	1 1	1,5	0,5	0,0	1,0	(17)	≥	5,5	5,0	2,0	5,0	(17)
	Birds in the last week of life with superficial or severe lesions, hyperkeratosis, discolouration of the foot pads, ulcers or scars (foot with poorest score is documented) (= score 1 plus score 2).	percentage of animals	1 1	6,0	4,3	1,6	6,3	(16)	2	18,4	17,5	5,8	27,5	(18)
Foot pad dermatitis severe - LAST WEEK of life	Birds in the last week of life with severe, deep lesions, ulcer and scars mostly circular at the metatarsal foot pad or metatarsal and digital pads equally affected (foot with poorest score is documented) (= score 2).	percentage of animals		1,5	1,0	0,0	2,3	(16)	2	8,3	5,5	2,3	13,8	(18)
Lameness - LAST WEEK OF LIFE	Bird does not walk normally (clear defect), e.gsevere limping, - jerking on one leg, - abducted leg during walking, - sitting down repeatedly after stopping (within 2 seconds), - severely impaired maneuverability, - bird is incapable to walk durably	percentage of animals	1 1	1,2	1,0	1,0	1,4	(30)	2	5,7	6,8	1,3	9,5	(18)
Ongoing and final data colle	ction											r.		
Cumulative daily mortality rate/all causes	Sum of all daily total mortality rates, i.e. sum of dead or culled on the respective day in relation to the number of birds (dead and alive) present in the pen on that day.	%	≤	1,6	1,5	0,8	2,5	(15)	≥	4,2	4,5	2,5	5,0	(17)
Cumulative daily mortality rate/losses due to predators	Sum of daily mortality rates due to predators, i.e. sum of number of killed birdson the respective day in relation to the number of birds (dead and alive) present in the pen on that day.	%	≤	0,9	0,5	0,2	0,9	(8)	≥	3,3	2,8	0,9	4,8	(8)
Weight development	Mean weight (total weight [g] / number of birds weighed) in relation to the target weight of the respective week of life according to the breeding company [g].	%	≥	95,8	95,0	95,0	98,0	(12)	≤	85,8	85,0	82,5	88,0	(11)
Uniformity	Number of birds within \pm 10 % of mean weight in relation to all weighed birds	%	2	86,8	85,0	81,5	90,0	(12)	≤	74,4	70,0	70,0	80,0	(11)
Water consumption	Deviation of daily water consumption [l/1000 birds] from standard values	% Deviation downwards	<	8,0	6,5	1,5	15,0	(10)	2	11,5	10,5	5,0	20,0	(10)
Separation or culling due to lameness	Sum of all birds separated or culled due to lameness related to the total number of birds in the flock	%	≤	0,6	0,5	0,1	1,0	(13)	≥	2,0	2,5	0,6	3,0	(13)
Drug usage	Sum of used antibiotics or prescription drugs (duration of application incl. days of effect * number of active substances * number of treated birds) / number of birds housed in the flock.	Therapy index		0,2	0,0	0,0	0,4	(7)	≥	3,3	3,0	1,0	5,0	(5)
Injured on arrival	Number of birds delivered to the slaughterhouse injured by capture or transport in relation to the total number of birds delivered.	%	≤	0,4	0,3	0,0	0,6	(16)	2	1,7	1,5	0,5	2,0	(17)
Dead on arrival	Number of dead birds delivered to the slaughterhouse in relation to the total number of birds delivered.	%	≤	0,3	0,3	0,0	0,5	(18)	≥	0,9	0,5	0,4	1,0	(21)

Broiler chickens				lphi S	urvey Ta	arget v	alue		Delphi Survey Alarm value							
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n)		Mean	Median		75th percen- tile*	(n)		
Condemnations	Number of birds unfit for slaughter or unfit for human consumption in relation to the total number of birds delivered.	%	≤	0,6	0,5	0,1	1,0	(15)	≥	1,7	1,5	1,0	2,6	(18)		
Slaughterhouse records: Deep dermatitis	Number of birds with deep dermatitis in relation to the total number of birds delivered.	%	≤	0,5	0,5	0,0	1,0	(15)	2	1,6	1,0	1,0	2,1	(15)		
Slaughterhouse records: Breast skin alterations	Number of birds with breast skin alterations (breast blisters) in relation to the total number of birds delivered.	%	≤	0,5	0,5	0,0	1,0	(15)	≥	3,0	3,0	1,0	4,0	(17)		
Slaughterhouse records: Hock burns	Number of birds with hock burns in relation to the total number of birds delivered.	%	≤	4,7	0,5	0,3	1,3	(16)	2	8,5	2,5	1,0	9,0	(18)		
Slaughterhouse records: Foot pad dermatitis score 1 and 2	Sum of number of birds with score (or severity) 1 and birds with score 2 in relation to the total number of birds delivered.	%	≤	6,0	5,0	0,4	6,3	(16)	2	16,3	15,0	10,0	20,0	(17)		
Slaughterhouse records: Foot pad dermatitis score 2	Number of birds with score (or severity or level) 2 in relation to the total number of birds delivered.	%	≤	2,2	1,5	0,0	3,0	(16)	2	7,9	5,0	2,0	10,0	(17)		
* Between the 25th and 75th percent	tile values are the middle 50% of all proposed values.															

Turkeys			Del	phi Sı	urvey Ta	arget v	alue		De	elphi S	urvey A	larm v	value	
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n)		Mean	Median		75th percen- tile*	(n)
Random samples														
Extent and quality of beak trimming - REARING AND FATTENING	Birds with severely shortened upper beak (opening visible from the front, beak cannot be closed) (= score 2).	percentage of animals		0,5	0,5	0,0	0,9	(14)	2	2,4	2,0	2,0	3,0	(14)
Medium and severe plumage damage - REARING ¹⁾	Birds with one or more small or large featherless areas at neck, back, wings or base of tail (= score 1 plus score 2).	percentage of animals		2,8	2,5	0,4	3,5	(16)	2	8,7	6,5	4,5	10,0	(16)
Severe plumage damage - REARING	Birds with at least one (large) featherless area \geq 5 cm longest diameter at neck, back, wings or tail base (= score 2)	percentage of animals		0,7	0,3	0,0	1,3	(16)	2	2,7	2,0	1,0	3,5	(16)
Medium and severe plumage damage - FATTENING ²⁾	Birds with one or more small or large featherless areas at neck, back, wings or tail base (= score 1 plus score 2)	percentage of animals		7,7	6,0	4,3	10,0	(16)	2	17,5	19,0	10,0	25,0	(16)
Severe plumage damage - FATTENING	Birds with at least one (large) featherless area \geq 5 cm longest diameter, on neck, back, wings or tail base (= score 2)	percentage of animals		1,8	1,0	0,0	3,0	(15)	2	5,1	5,0	2,0	8,0	(15)
Medium and severe foot pad dermatitis - REARING	Birds with moderate and severe foot pad alterations: Dark discoloured areas (necrosis) of the metatarsal pad and swelling or scabs or deep injuries. Toes may be affected. (Foot with worse score is documented)	percentage of animals		3,0	1,0	0,0	6,0	(15)	2	7,6	5,0	3,5	11,0	(15)
Severe foot pad dermatitis - REARING	Birds with dark discoloured areas (necrosis) affecting more than ½ of the metatarsal or very severe swelling or scabs, deep injuries. Toes affected. (foot with worse score is documented)	percentage of animals		0,2	0,0	0,0	0,2	(15)	2	1,2	1,0	0,5	1,9	(14)
Medium and severe foot pad dermatitis - FATTENING	Birds with moderate and severe foot pad alterations: Dark discoloured areas (necrosis) of the metatarsal pad and swelling or scabs or deep injuries. Toes may be affected. (Foot with worse score is documented)	percentage of animals		7,2	4,0	0,0	10,0	(16)	2	14,8	10,0	8,0	20,0	(15)
Severe foot pad dermatitis - FATTENING	Birds with dark discoloured areas (necrosis) affecting more than ½ of the metatarsal or very severe swelling or scabs, deep injuries. Toes affected. (foot with worse score is documented)	percentage of animals		0,5	0,3	0,0	1,0	(16)	2	2,8	2,0	2,0	5,0	(15)
Lameness - REARING	Bird does not walk normally (clear defect), e.gsevere limping, - jerking on one leg, - abducted leg during walking, - sitting down repeatedly after stopping (within 2 seconds), - severely impaired maneuverability, - bird is incapable to walk durably	percentage of animals		0,4	0,0	0,0	0,8	(16)	2	2,1	2,0	1,0	2,5	(15)
Lameness - FATTENING	Bird does not walk normally (clear defect), e.gsevere limping, - jerking on one leg, - abducted leg during walking, - sitting down repeatedly after stopping (within 2 seconds), - severely impaired maneuverability, - bird is incapable to walk durably	percentage of animals		1,3	2,0	0,0	2,0	(17)	2	5,3	5,0	2,0	8,0	(17)

Turkeys			De	phi Sı	urvey Ta	arget v	alue		De	lphi S	urvey A	Narm v	/alue	
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n)		Mean	Median		75th percen- tile*	(n)
Skin lesions slight and medium/severe - REARING	Birds with light, medium or severe pecking or scratching injuries at head, snood, wattles, back or wings (= score 1 plus score 2).	percentage of animals	≤	1,7	0,8	0,0	2,1	(16)	≥	5,7	4,0	2,0	8,5	(16)
Skin lesions slight and medium/severe - REARING	Birds with medium or severe pecking or scratching injuries ≥ 1 cm longest diameter at snood or wattle or ≥ 2 cm longest diameter at head, back, wings (= score 2).	percentage of animals	N	0,4	0,3	0,0	0,8	(16)	≥	1,8	1,0	0,9	3,0	(16)
Skin lesions medium/severe - FATTENING	-Birds with light, medium or severe pecking or scratching injuries at head, snood, wattles, back or wings (= score 1 plus score 2).	percentage of animals	N	5,6	5,0	1,0	8,0	(17)	2	13,9	10,0	5,0	20,0	(17)
Skin lesions medium/severe FATTENING	Birds with medium or severe pecking or scratching injuries ≥ 1 cm longest diameter at snood or wattle or ≥ 2 cm longest diameter at head, back, wings (= score 2).	percentage of animals	N	1,8	0,8	0,0	2,6	(16)	≥	4,3	2,8	1,9	5,6	(16)
Ongoing data collection					1			1	1 1		1	1		
Cumulative monthly mortality rate /all causes - REARING	Sum of monthly numbers of dead or culled birds in relation to the number of birds housed during the rearing phase.	%	≤	1,5	1,4	1,0	2,0	(13)	≥	3,6	3,0	2,0	4,0	(13)
Cumulative monthly mortality rate /all causes - FATTENING	Sum of monthly numbers of dead or culled birds in relation to the number of birds housed during the fattening phase.	%	2	1,4	1,2	0,8	2,0	(13)	≥	3,2	2,5	1,5	4,0	(13)
Separation or culling due to lameness - REARING	Sum of all birds separated or culled due to lameness during the rearing phase related to the total number of birds in the flock	%	∠	0,3	0,3	0,0	0,5	(10)	≥	0,9	1,0	0,5	1,4	(10)
Separation or culling due to lameness - FATTENING	Sum of all birds separated or culled due to lameness during the fattening phase related to the total number of birds in the flock	%	2	0,5	0,5	0,0	0,7	(10)	≥	1,6	1,0	1,0	2,4	(10)
Separation or culling due to injuries - REARING	Sum of all birds separated or culled due to injuries during the rearing phase related to the total number of birds in the flock	%	N	0,3	0,3	0,0	0,5	(10)	≥	1,0	0,8	0,5	1,4	(10)
Separation or culling due to injuries - FATTENING	Number of birds below -10 % of the mean value in relation to the total birds weighed	%	N	0,5	0,5	0,0	0,8	(9)	≥	1,6	1,0	1,0	2,2	(9)
Weight development - REARING	Mean weight (total weight [g] / number of birds weighed) in relation to the target weight of the respective week of life according to the breeding company [g].	%	≥	96,1	96,0	95,0	98,0	(9)	≤	88,3	90,0	85,0	90,0	(9)
Weight development - FATTENING	Mean weight (total weight [g] / number of Birds weighed) in relation to the target weight of the respective week of life according to the breeding company [g].	%	≥	96,0	96,0	95,0	98,0	(8)	≤	86,4	86,5	83,8	88,5	(8)
Uniformity - REARING	Number of birds within \pm 10 % of the mean weight in relation to all weighed birds.	%	2	88,8	90,0	83,4	92,5	(11)	≤	80,5	77,5	75,0	88,8	(10)
Uniformity - FATTENING	Number of birds within \pm 10 % of the mean weight in relation to all weighed birds.	%	≥	92,8	92,5	90,0	95,0	(10)	≤	81,5	80,0	80,0	85,0	(10)

Turkeys			Del	phi Sı	urvey Ta	arget v	alue		De	lphi S	urvey A	larm v	value	
Animal welfare indicator	Description	Unit		Mean	Median		75th percen- tile*	(n)		Mean	Median		75th percen- tile*	(n)
Water consumption - REARING	Deviation of daily water consumption [l/bird] from standard values	% Deviation downwards	_	2,3	2,0	1,0	3,0	(9)	2	5,3	5,0	2,5	7,0	(9)
Water consumption - FATTENING	Deviation of daily water consumption [I/bird] from standard values	% Deviation downwards	_	2,7	3,0	1,0	4,0	(9)	N	6,2	6,0	2,5	9,0	(9)
Final recording						·					1			
Drug usage	Sum of used antibiotics or prescription drugs (duration of application incl. days of effect * number of active substances * number of treated birds) / number of birds housed in the flock.	Therapy index		0,5	0,5	0,1	0,9	(6)	2	3,6	3,5	2,5	4,5	(7)
Injured on arrival	Number of birds delivered to the slaughterhouse injured by capture or transport in relation to the total number of birds delivered.	%	≤	0,4	0,5	0,0	0,5	(12)	≥	1,7	1,5	0,9	2,0	(12)
Dead on arrival	Number of dead birds delivered to the slaughterhouse in relation to the total number of birds delivered.	%	≤	0,2	0,1	0,0	0,3	(13)	≥	0,7	0,5	0,5	1,0	(13)
Condemnations	Number of birds unfit for slaughter or unfit for human consumption in relation to the total number of birds delivered.	%	≤	0,6	0,5	0,2	0,9	(11)	≥	1,6	2,0	1,0	2,0	(11)
Slaughterhouse records: Breast skin alterations minor and severe - MALES	Number of male turkeys with minor or severe breast skin lesions (breast blisters category B and C) in relation to the total number of birds delivered.	%	≤	3,2	2,5	0,3	3,5	(11)	2	7,7	5,0	1,8	7,5	(11)
Slaughterhouse records: Breast skin alterations severe - MALES	Number of male turkeys with severe skin lesions (breast blisters category C) in relation to the total number of birds delivered.	%	≤	0,7	0,6	0,1	1,0	(11)	2	2,8	2,0	1,0	2,8	(11)
Slaughterhouse records: Breast skin alterations minor and severe - FEMALES	Number of female turkeys with minor or severe breast skin lesions (breast blisters category B and C) in relation to the total number of Birds delivered.	%	≤	1,3	1,0	0,0	1,8	(11)	2	3,1	2,5	1,5	3,8	(11)
Slaughterhouse records: Breast skin alterations severe - FEMALES	Number of female turkeys with severe breast skin lesions (breast blisters category C) in relation to the total number of birds delivered.	%	≤	0,4	0,3	0,0	0,5	(11)	2	1,2	1,0	0,5	1,9	(11)
Slaughterhouse records: Foot pad lesions medium and severe	Number of birds with moderate or severe foot pad lesions (score 2, 3 and 4 from the turkey health programme) in relation to the total number of birds delivered.	%	≤	7,4	6,5	1,8	10,0	(12)	2	18,0	20,0	8,8	21,3	(12)
1) REARING: Recording in the 5t	h week of life													
2) FATTENING: Recording in cert	ain, predefined weeks of life, see guideline													
* Between the 25th and 75th per	centile values are the middle 50% of all proposed values.													