

DIRECTIVE RELATED WITH THE DEFINITION and DECLARATION OF ZONES FREE FROM NOTIFIABLE AVIAN INFLUENZA DISEASE

Objective

ARTICLE 1 - (1) The objective of this Directive is to determine the procedures and principles to define and declare zones free from Avian Influenza disease in order to protect animal and public health, provide safe animal origin production and to sustain international trade.

Scope

ARTICLE 2 - (1) This Directive includes the procedures related with the definition of the zones that will be defined as zones free of Avian Influenza and inspection and survey procedures that will be realized.

Reference

ARTICLE 3 - (1) This Directive is issued by referring to the provisions of Article 4 of Veterinarian Services, Phytosanitary, Food and Feed Law No:5996 and the provisions of the related sections of the OIE Terrestrial Animal Health Code in respect to Avian Influenza disease.

Definition of a Zone

ARTICLE 4 – (1) Our Country consist of 81 provinces that are formed according to central administration establishment, geographical location, economic status and public services and according to the survey plan prepared by the Ministry related with Avian Influenza each province or any province that is specified are considered as a zone. Each zone, under biosecurity management system is consisting of poultry population with the same health status in terms of the disease.

Declaration of disease free zones

ARTICLE 5 – (1) After determining Avian Influenza, disease has been eradicated by taking necessary actions and at August 15th, 2015 World Animal Health Organization (OIE) has been notified that our country is free of Avian Influenza. Due to the results of the survey realized all through the country in 2105 and 2016 our country is free of Avian Influenza and therefore the 81 regions that have been established according to the provisions of this Directive have been declared as free of disease.

(2) Declared 81 regions are announced in the web site by the Ministry. Related with the disease status in our country and according to the results of the surveys these regions are updated whenever necessary and in the beginning of every year.

(3) The attached tables (Annex-1) related with the hatcheries, breeding poultry establishments, commercial layers establishments, commercial broiler establishments, feed establishments, poultry slaughterhouses and wetlands that will be used in the activities to sustain the disease free status of the regions that are free of Avian Influenza and declared by this Directive are submitted to the General Directorate by the Province Directorate every year until 15th January in excel format, primarily to the mucadele@tarim.gov.tr e-mail address.

(4) An active and a passive survey is conducted in every region in every 6 months and all through the year, respectively.

(5) Passive survey will be conducted as follows :

a) Passive survey is realized by the clinical monitoring during the visits to the backyard and commercial poultry establishments. Besides sick or death poultry notifications are also considered within the scope of passive surveys.

b) Passive surveys in every 6 months consist of minimum 10% of the number of villages and commercial establishment within the borders of the province.

c) The villages and commercial establishments subject to the sampling during the passive survey shall be selected according to the Simple Random Sampling Table (Annex-3).

ç) Determination of the villages and commercial establishments that will be inspected by the Simple Random Sampling Table: The villages and the poultry houses in the commercial establishments shall be selected separately. A number shall be given to each poultry house in the villages and commercial establishments in the region (breeding, commercial broiler and layer) and two lists shall be formed (village list, poultry house list). Determination will begin from any random point of the Random table in Annex-3. For example, let's assume there are 138 poultry house in our region. 14 poultry houses that are 10% of 138 poultry houses shall be selected for passive survey. A number from 1 to 138 will be given to each poultry house before the survey. Therefore if we start from the line starting with number 54381 in the 2nd column of the table 14 poultry houses will be selected by using the last 3 numbers. If we move downward of this column numbers more than 138 and same numbers are omitted and selection will continue until 14 numbers are determined. When a column ends the selection procedure shall continue by using the next column. The numbers in this example are 133, 115, 11, 51, 70.... and so on. Passive survey is conducted at the poultry houses with these numbers.

d) In the passive survey especially the daily feed and water intake, live weight increase and decrease in egg yield, symptoms of respiratory system infections and daily mortality rate increase are inspected and the Passive Survey Scanning Form for Village Poultry form (Annex-2) and Passive Survey Scanning Form for Commercial Establishments (poultry house) are filled for villages and commercial establishment, respectively at every visit.

e) The results of the passive survey will be written to the Village/Commercial Establishments (poultry houses) Passive Survey Result Report (Annex-2) by the Province Directorates at the first week of July and last week of December and will be sent to the General Directorate.

f) If there is any suspicious related with the disease in the passive survey, sample will be taken and sent to the entitled Institute Directorate.

(6) The active survey plan prepared by the Ministry according to the related provisions of the World Animal Health Organization (OIE) Terrestrial Animal Health Code related with Avian Influenza will be sent to the Province Directorates before the survey. Active survey will be conducted as follows:

a) Active survey will be conducted by considering especially the periods when migratory birds activities are intense and the first survey will be conducted in March, April and May and the second active survey will be conducted in September, October and November.

b) Active survey is realized by the samples taken for virological and serological inspection

c) Active survey is prepared to include the poultry in all commercial, village and wetland regions.

ç) The analysis of the samples for active survey are done according to the methods indicated in the Book of Unification of Diagnosis prepared by our Ministry as being in harmony with OIE.

d) Bornova Veterinarian Control Institute Directorate sends the results of the first and the second survey to the General Directorate at the time that is indicated in the survey plan prepared by the Ministry.

Transportation of live poultry, hatching eggs and feed between free zones

Article 6 – (1) Transportation of live poultry except day old chicks between free zones are done under the following conditions.

a) Animals that will be transported at the date of loading should not show any clinical symptoms related with Avian Influenza.

b) Animals should have to be in the same establishment after they left the hatchery or minimum for 21 days.

c) Transportation vehicles should have to be disinfected.

(2) Transportation of day old chicks between free zones are done under the following conditions.

a) The hatchery that the day old chick is obtained should be free of Avian Influenza disease.

b) The eggs that the day old chicks are obtained from should have to be obtained from breeders that are free of Avian Influenza at the day of egg gathering and minimum for 21 days before the day of egg gathering.

c) Transportation vehicles should have to be disinfected.

(3) The hatching eggs obtained from free zones are transported to the hatcheries at the free zones under the following conditions.

a) The eggs should have to be obtained from breeders that are free of Avian Influenza and live in the same establishment at the day of gathering and minimum for 21 days before the day of gathering.

b) Eggs should be sanitized.

c) Eggs should be transported with new or sanitized viols.

ç) Transportation vehicles should have to be disinfected.

(4) Veterinarian Health Certificate for the Domestic Transportation of Poultry Animal and Veterinarian Health Certificate for the Domestic Transportation of Animal Origin Products are issued for live poultry and hatching eggs, respectively.

(5) Vehicles used for feed transportation should be cleaned and disinfected.

(6) If there is a region not free of disease between two regions that are free of disease transportation vehicle shall not stop at that region and continue it's voyage.

Transportation of live animal, hatching eggs and feed from a non free zone to a free zone

ARTICLE 7 – (1) Live poultry transportation from a region that is not free of disease to a region free of disease shall be realized under the following procedure :

a) Animals should have to be in the same establishment after they left the hatchery or minimum for 21 days

b) Animals that will be transported at the date of loading should not show any clinical symptoms related with Avian Influenza.

c) Animals that will be transported should be tested for Avian Influenza within 14 days before date of loading and result should be negative. For the tests 20 cloacal and tracheal swap samples and blood samples should be taken from the animals and should be sent to the entitled Institute Directorate. Institute Directorate analysis the samples and submits the results to the Province Directorate. If the result of the analyses is appropriate, Province Directorate issues a Veterinarian Health Certificate for Domestic Transportation of Poultry Animal and the copy of the analysis result is attached to this certificate that is issued for transportation.

ç) Animals are transported in the disinfected vehicles that are sealed by or under the supervision of the veterinarian. Vehicles do not stop until they go to the slaughterhouse.

d) Post mortem and ante mortem examination should be done.

e) A contact with the slaughterhouse should be established before the transportation of the animals to the slaughterhouse and animals from the free zone should be kept separate from the other poultry animals and should be slaughtered in the same day without any delay. After slaughtering, slaughterhouse should be cleaned and disinfected

f) Meat and meat products obtained from the animals from zones that are not free of disease shall not be used for international trade and shall only be consumed domestically..

(2) Transportation of eggs from a zone not free of disease to a zone free of disease under the following conditions.

a) The hatchery that the eggs are obtained from should be free of Avian Influenza and day old chicks should not show any clinical symptoms of Avian Influenza at the day of loading.

b) Day of chicks are transported by the Veterinarian Health Report for Domestic Transportation of Poultry Animals.

c) Day old chicks are transported in the disinfected vehicles that are sealed by or under the supervision of the veterinarian. Vehicles do not stop until they go to the establishments.

ç) Day old chicks should be in quarantine for at least 21 days in the establishment they are transported to.

d) If the breeder eggs and the day old chicks from these eggs delivered from a zone free of disease to a hatchery in a zone that is not free of disease shall be transported to an establishment in a zone free of disease, they should not be in contact with eggs and day old chicks from these eggs that are delivered from a zone that is not free of disease.

e) Day old chicks produced in a zone that is not free of disease shall not be introduced to international trade.

(3) Transportation of live poultry from a zone not free of disease to a zone free of disease is done according to the following procedure.

a) Animals that will be transported at the day of loading should not show any clinical symptoms related with Avian Influenza.

b) Animals that will be transported should be tested for Avian Influenza within 14 days before date of loading and result should be negative. For the tests 20 cloacal and tracheal swap samples and blood samples should be taken from the animals and should be sent to the entitled Institute Directorate. Institute Directorate analysis the samples and submits the results to the Province Directorate. If the result of the analyses is appropriate, Province Directorate issues a Veterinarian Health Certificate for Domestic transportation of Poultry Animal and the copy of the analysis result is attached to this certificate that is issued for transportation

c) Animals are transported in the disinfected vehicles that are sealed by or under the supervision of the veterinarian. Vehicles do not stop until they go to the target establishment.

ç) Animals should be in quarantine for at least 21 days in the establishment they are transported to.

d) Live poultry in the zones that are not free of disease shall not be introduced to international trade.

(4) Hatching eggs shall be transported from a zone that is not free of disease to a free of disease zone under the following procedure.

a) Eggs should be obtained from the animals that are in the same establishment at the day of loading and minimum for 21 days before loading.

b) The breeders that the eggs were obtained from should be free of Avian Influenza at the day of loading and minimum for 21 days before loading.

c) Eggs should be sanitized.

ç) Eggs should be transported with new or sanitized viols.

d) Eggs are transported in the disinfected vehicles that are sealed by or under the supervision of the veterinarian. Vehicles do not stop until they go to the target establishment.

e) Animals that the eggs are obtained from should be tested for Avian Influenza within 7 days before date of loading and result should be negative. For the tests 20 cloacal and tracheal swap samples and blood samples should be taken from the animals and should be sent to the entitled Institute Directorate. Institute Directorate analysis the samples and submits

the results to the Province Directorate. If the result of the analyses is appropriate, Province Directorate issues a Veterinarian Health Certificate for Domestic transportation of Poultry Animal and the copy of the analysis result is attached to this certificate that is issued for transportation.

f) Hatching eggs that are produced in the zones that are not free of disease shall not be introduced to international trade.

(5) Vehicles that will be used for feed transportation should be cleaned and disinfected.

Movements within free and infected zones

ARTICLE 8 – (1) Movements within the free zone are subject to transportation certificate.

(2) Veterinarian Health Certificate for the Domestic Transportation of Poultry Animal and Veterinarian Health Certificate for the Domestic Transportation of Animal Origin Products are issued for all poultry animal and hatching eggs, respectively

a) Animals and the animals from which the eggs are obtained from and will be transported at the day of loading should not show any clinical symptoms related with Avian Influenza

b) Animals should be in the same establishment at the day of collection and minimum for 21 days after hatching date.

c) Eggs should be obtained from the animals that are in the same establishment at the day of loading and minimum for 21 days before loading.

ç) Eggs should be sanitized.

d) Eggs should be transported with new or sanitized viols.

(3) Transportation vehicles should have to be disinfected during the movements within zones that are free and not free of disease.

In case of Avian Influenza incidence in free zone

ARTICLE 9 – (1) In case of Avian Influenza incidence in a free zone, free zone status is repealed. Free zone status is repealed for each and every zone if the protection and surveillance zone are within the borders of more than one zone. Zones that the free of disease status is repealed are announced in the web site of the General Directorate and OIE is informed. Following procedure is realized to regain free zone status

a) After all the animals at the outbreak establishment and at the establishments that the Ministry considers risky are killed, aforementioned establishment are cleaned and disinfected

b) Survey is done according to the rules of World Organization For Animal Health (OIE) in order to determine if the virus is circulating in the zone. If no evidence related with the existence of virus is found due to the results of the survey, 3 months after the disinfection of the zone Ministry notifies World Organization for Animal Health (OIE) that the zone is free again

General Provisions

ARTICLE 10 – (1) Provisions of Biosecurity Directive for the Commercial Broiler and layer poultry establishments are fully realized.

(2) Any information related with poultry animal diseases at the zones will be rigorously and immediately assessed.

(3) General Directorate inspects Province Directorate is necessary and required.

(4) Updated zone list in the General Directorate web site will be checked before the transportation of live poultry animal and hatching eggs and transportation will be conducted according to the directive.

(5) Any transportation from a non free zone to a free of disease zone violating the provision of this directive shall be notified to the General Directorate. In such a case the following procedure will be applied.

a) Free of status of the zone is immediately repealed by the General Directorate and this situation is announced in the web site.

b) Legal action is taken by the Province Directorate for the establishments that realized irregular transportation.

c) In order to re-establish a zone as free of disease a 21 days clinic monitoring is realized all through the zone. In case of suspicious situations samples are taken and sent to Institute Directorate.

ç) Besides clinical monitoring, 20 cloacal and tracheal swap samples and blood samples are taken from the poultry houses of the entire commercial establishment located in the area with a 10 km radius around the establishment that realizes irregular transportation and sent to the Institute Directorate.

d) Institute Directorate analyses the samples and sends the results to General Directorate. If the analysis results and clinical monitoring results are appropriate free of disease status of the zone is reestablished and announced in the web site.

e) If any disease is determined in any sample the free of disease status of the zone is cancelled and the provisions in article 9 is applied for the reestablishment of free of disease status.

Enforcement

ARTICLE 11 – (1) This Directive enters in force by the date of publication.

OPEN SYSTEM COMMERCIAL BROILER ESTABLISHMENT INFORMATION

Name of the establishment / establishment owner	Establishment number	Number of poultry houses at the establishment	Address	Animal type (Chicken, Turkey etc)

CLOSED SYSTEM COMMERCIAL LAYER ESTABLISHMENT INFORMTION

Name of the establishment / establishment owner	Establishment number	Number of poultry houses at the establishment	Address	Animal type (Chicken, Turkey etc)	Capacity

OPEN SYSTEM COMMERCIAL LAYER ESTABLISHMENT INFORMATION

Name of the establishment / establishment owner	Establishment number	Address	Animal type (chicken, quail, etc)	Capacity

BROILER BREEDER ESTABLISHMENT INFORMATION

Name of the establishment / establishment owner	Establishment number	Number of poultry houses at the establishment	Address	Animal type (chicken, quail, etc)	Operation approval certificate date	Capacity

LAYER BREEDER ESTABLISHMENT INFORMATION

Name of the establishment / establishment owner	Establishment number	Number of poultry houses at the establishment	Address	Animal type (chicken, quail, etc)	Operation approval certificate date	Capacity

HATCHERY ESTABLISHMENT INFORMATION

Name of the establishment / establishment owner	Establishment number	Address	Animal type (chicken, turkey, quail, etc)	Operation approval certificate date	Capacity

SLAUGHTERHOUSE ESTABLISHMENT INFORMATION

Name of the establishment / establishment owner	Establishment number	Address	Animal type (chicken, turkey, quail, etc)	Operation approval certificate date	Capacity

FEED ESTABLISHMENT INFORMATION
(Self feed producing establishments included)

Name of the establishment / establishment owner	Address	License Date	Capacity

WETLAN INFORMATION

Name of the wetland	Location	Name of the villages within the 10 km radius	Name of the village and establishment number within the 10 km radius

BACKYARD POULTRY INFORMATION

District	Name of the village	Number of residence having poultry	Number of chickens	Number of turkey	Number of goose	Number of ducks	Number of pigeons	Other

PROVINCE SUMMARY FORM FOR POULTRY ESTABLISHMENTS

Type of establishment	Number of establishment	Number of poultry house	Capacity
Closed commercial broiler			
Open commercial broiler			
Closed commercial layer			
Open commercial layer			
Broiler breeder			
Layer Breeder			

Type of establishment	Number of establishment	Capacity
Hatchery		

BACKYARD POULTRY DATA

Name of district	Number of villages	Number of chickens	Number of turkey	Number of goose	Number of ducks	Number of pigeons	Other

**COMMERCIAL ESTABLISHMENT (POULTRY HOUSES) PASSIVE SURVEY
FORM**

Date of clinical survey :		
Date of previous survey :		
Name of establishment / establishment owner :		
Establishment address :		
Number of the Establishment :		
Number of poultry houses :		
Number of poultry houses surveyed :		
Animal	Number	
	Type	
	Age	
	Strain	
	Breeding type	
PASSIVE SURVEY ASSESSMENT		YES / NO
Abnormal mortality		
Increase in body temperature		
Bristling features		
In appetency		
Swollen eyes and red eye		
Swollen comb, eye perifer and cyanosis and		
Dyspnoea		
Grey color bloody discharge at the nostrils		
Neurotic symptoms		
diarrhea		
Is there any change at the below parameters? In order to define any change poultry house cards will be given.		
Decrease in egg yield		
Decrease in daily live weight increase		
Decrease in daily feed water consumption		
DECISION (Avian influenza suspicion)		

Official Veterinarian/ Veterinarians
Name Surname
Signature

PASSIVE SURVEY FORM FOR BACKYARD POULTRY

Date of clinical survey :		
Date of previous survey :		
District name :		
Village name :		
Number of residence having poultry :		
Number of animals in the village	Chicken	
	Turkey	
	Duck	
	Goose	
	Pigeon	
	Other	
PASSIVE SURVEY ASSESSMENT		YES/NO
Abnormal mortality		
Increase in body temperature		
Bristling features		
In appetency		
Swollen eyes and red eye		
Swollen comb, eye perifer and cyanosis and		
Dyspnoea		
Grey color bloody discharge at the nostrils		
Neurotic symptoms		
DECISION (Avian influenza suspicion)		

Official Veterinarian/ Veterinarians
Name Surname
Signature

Random sampling Table

For each random sample number selection, you can start from a different starting point and can take a different direction.

17808	54381	44413	18817	30853	82751	81785	64243	46943	02375	44229	37972	67575	40015	57701
38873	88548	49820	78864	21902	96028	82678	39398	87982	79746	10650	43103	38999	65294	63211
52718	50627	52743	02614	53095	95126	07356	99446	05590	33662	28689	49632	37480	15653	74732
83170	69133	67636	46706	54508	89812	26522	32279	36094	55137	25298	76699	05596	63356	75469
79059	97582	33950	92783	81221	14850	35880	50788	40823	60188	52431	68444	10925	05671	73624
14211	14488	16140	47483	13310	30007	56132	92862	06106	89829	87040	94010	46045	64861	02400
87455	23369	03658	42449	55856	20047	32983	21392	43269	10078	31080	47536	28534	88193	20001
22619	52739	10957	34320	38934	94738	37135	24269	88641	11949	11503	48162	00971	47933	09629
68532	56115	77492	04737	17624	88843	64291	14384	03551	11458	80262	40030	30934	41346	79488
99021	12011	67713	60341	72004	62130	35154	29627	74327	49620	14310	92280	11000	90698	62781
12915	23943	71076	32772	07151	99363	95427	32888	12295	92451	15600	99053	58748	43253	17711
34041	20428	02033	78671	53145	10308	15814	12059	53786	30968	11087	79489	16757	71279	27481
11228	54980	00037	79679	65062	29731	92018	80030	60127	81185	52721	77729	52603	72041	00294
18304	06115	29541	42436	22982	17398	44741	74692	17645	84117	17458	62913	58866	67804	69353
54097	77349	79998	98583	31982	50073	19687	58935	37670	05782	07250	29183	53123	05833	92862
42435	97198	65862	04761	22141	61523	87560	20650	56528	37194	49049	95679	77952	58395	54024
32147	19177	26586	42610	48536	62514	44061	72728	35550	94368	94810	06541	00933	22755	61041
97060	21802	26622	18770	91246	20810	09895	53059	61061	18322	21485	30910	14642	21179	47117
36002	08588	55424	64883	55349	21178	30764	24533	44392	75069	31028	62927	36658	00932	70455
72802	08051	27446	37589	70922	73383	77372	75042	21869	55627	50391	21732	09558	34281	14258
56288	73706	82139	18529	93045	12191	45421	17476	54820	76010	31528	51466	00922	18489	86730
60288	84070	83958	14343	01795	97367	55615	89726	29575	77233	51391	21270	03328	75824	21072
83630	42658	22354	56671	02250	13677	53657	54682	57461	25314	11935	25284	34352	53551	75489
50142	77985	11783	02156	24489	70887	10250	00235	74806	11267	40111	82648	36574	23936	33184
08652	43567	91696	32436	23589	03762	21097	39275	42939	51108	87874	37505	77572	84243	02360
32989	17920	26547	54153	79629	72068	06902	09694	48187	85852	32176	58993	49924	56739	16219
21980	04560	05788	98948	97686	60571	13367	74381	01878	81515	74971	41254	71207	88690	32965
99454	32001	43874	23460	07840	79035	11195	21228	40342	29114	43211	03428	84001	52360	35801
14239	53761	80257	09331	65168	62228	96090	63125	24905	44663	88850	89656	55882	45016	32931
40162	48353	79390	63202	49748	69914	88755	37963	41896	69177	88840	69079	79430	88923	57557
76053	19294	30726	16712	66658	86859	34893	08632	02643	68674	45136	35837	72222	31347	67882
45739	95100	48719	26503	45977	22828	05206	63022	43475	34168	84689	09071	76837	44554	47110
98048	29286	72822	74215	42782	12588	95399	14026	25718	81675	59454	32922	60852	25809	03444
06808	00368	67487	66489	37152	15904	26175	99532	35703	52210	46383	76529	16847	97377	70086
70849	11861	22168	34965	34165	17542	43235	82433	84756	11790	47429	34034	62398	06525	05241
13996	92281	51318	36284	63899	27266	17284	50617	09205	51429	89546	24578	40084	25518	92110
85080	95143	94390	52087	81431	79843	44025	16977	70380	87144	24687	92300	17483	51621	38898
57927	98964	15838	89014	66841	35039	44160	19403	54607	59950	29805	06342	87173	07100	78807
31367	07259	05114	78707	25207	77619	63394	20785	73216	35862	06852	60844	66733	39222	70040
29226	48543	76671	77804	86606	17348	72428	09013	62534	05897	82783	74947	98740	20251	95802
00334	76333	69963	67948	06116	88993	66967	96979	83889	86070	09549	92792	50773	47453	64293
18519	69143	49443	55778	63816	52319	67713	22574	23609	17396	64105	83518	15410	43093	08719
82608	30489	04563	72936	64784	92091	20369	48687	93024	65892	48404	41268	10229	54438	87282
16429	88888	49778	76062	39098	18075	95639	63210	28460	22572	89398	85180	77807	53753	83184
68812	97854	24539	46796	41836	65037	89225	79032	91245	03453	39040	59397	85724	38304	04630
13583	35903	93301	91780	53076	92743	21831	34046	67709	49550	74285	33058	26557	30356	84823
49571	06552	45517	42654	77896	85957	39161	91141	69179	26879	97084	00304	17884	77174	81964
00605	38314	95638	56058	46375	54446	11916	38207	31983	26455	34392	80276	02284	51025	79259
15512	84707	83120	13633	13590	32976	35800	88136	17450	64293	38160	17115	47335	49174	84909
68120	24246	72414	22020	59621	81311	31517	78819	11907	81411	85343	79961	45614	93887	32118