
TA Interface Schema

National Dog Database Supply and Implementation

26 April 2005

Version 3.0

Document control

Document Reference	
Project Name:	National Dog Database
Project Owner:	Ellen Cohen, Project Manager, National Dog Database, DIA
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Version:	Version 3.0
Date:	26 April 2005

Change Record		
Issue	Date	Summary of Changes
0.1	4 February 2005	Initial draft for discussion.
0.2	18 March 2005	Updated following workshops and vendor feedback
3.0	26 April 2005	Updated following final workshop

Elements

[dogAndOwnerData](#)

Simple types

[recordType](#)
[registrationYear](#)

[taCode](#)

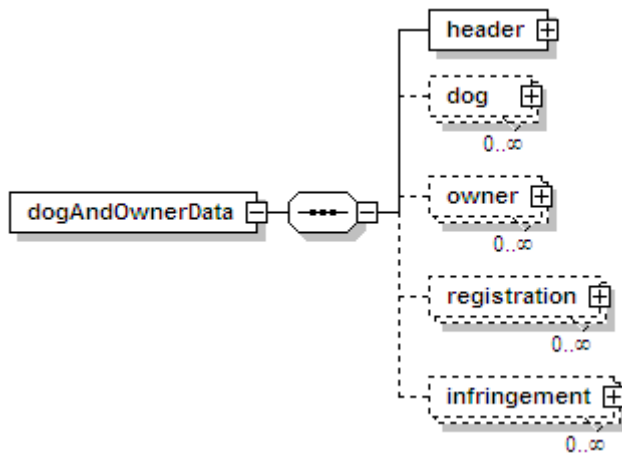
[taDogId](#)

[taOwnerId](#)

[taRegistrationNumber](#)

element **dogAndOwnerData**

diagram



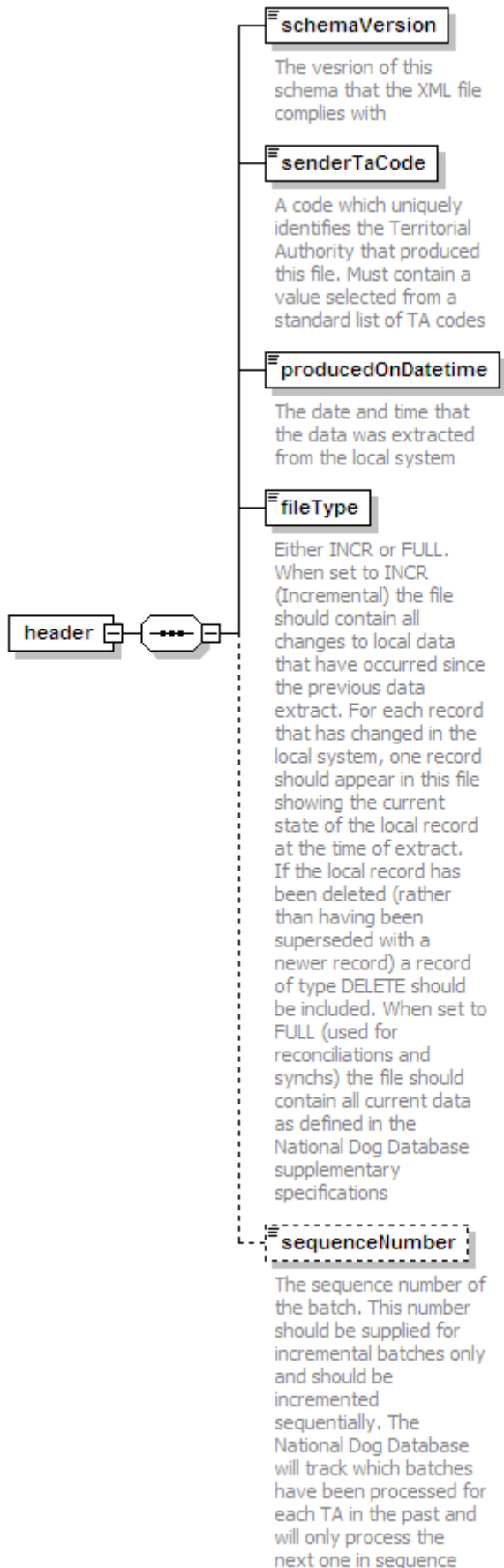
namespace urn:nzl:govt:registering:dogs:registration:3_0

properties content complex

children [header](#) [dog](#) [owner](#) [registration](#) [infringement](#)

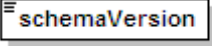
element **dogAndOwnerData/header**

diagram



properties isRef 0
 content complex
 children [schemaVersion](#) [senderTaCode](#) [producedOnDatetime](#) [fileType](#) [sequenceNumber](#)

element **dogAndOwnerData/header/schemaVersion**

diagram 
 The vesion of this schema that the XML file complies with


type restriction of **xs:string**

properties isRef 0
 content simple
 default 3_0

facets length 3
 enumeration 3_0

annotation documentation The version of this schema that the XML file complies with

element **dogAndOwnerData/header/senderTaCode**

diagram 
 A code which uniquely identifies the Territorial Authority that produced this file. Must contain a value selected from a standard list of TA codes

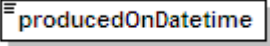
type [ndd:taCode](#)

properties isRef 0
 content simple

facets totalDigits 3
 fractionDigits 0

annotation documentation A code which uniquely identifies the Territorial Authority that produced this file. Must contain a value selected from a standard list of TA codes

element **dogAndOwnerData/header/producedOnDatetime**

diagram 
 The date and time that the data was extracted from the local system

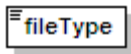
type **xs:dateTime**

properties isRef 0
 content simple

annotation documentation The date and time that the data was extracted from the local system

element **dogAndOwnerData/header/fileType**

diagram

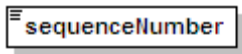


Either INCR or FULL.
 When set to INCR (Incremental) the file should contain all changes to local data that have occurred since the previous data extract. For each record that has changed in the local system, one record should appear in this file showing the current state of the local record at the time of extract. If the local record has been deleted (rather than having been superseded with a newer record) a record of type DELETE should be included. When set to FULL (used for reconciliations and synchs) the file should contain all current data as defined in the National Dog Database supplementary specifications

type	restriction of xs:string
properties	isRef 0 content simple
facets	length 4 enumeration INCR enumeration FULL
annotation	documentation Either INCR or FULL. When set to INCR (Incremental) the file should contain all changes to local data that have occurred since the previous data extract. For each record that has changed in the local system, one record should appear in this file showing the current state of the local record at the time of extract. If the local record has been deleted (rather than having been superseded with a newer record) a record of type DELETE should be included. When set to FULL (used for reconciliations and synchs) the file should contain all current data as defined in the National Dog Database Extract File XML Schema Guidelines

element **dogAndOwnerData/header/sequenceNumber**

diagram

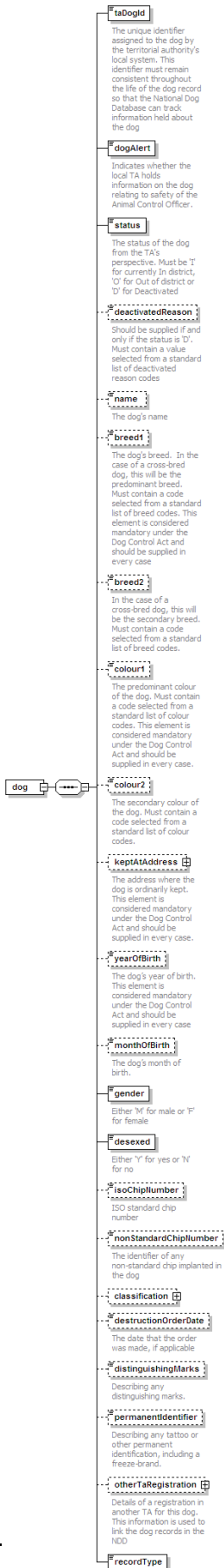


The sequence number of the batch. This number should be supplied for incremental batches only and should be incremented sequentially. The National Dog Database will track which batches have been processed for each TA in the past and will only process the next one in sequence

type	restriction of xs:decimal						
properties	<table border="0"> <tr> <td>isRef</td> <td>0</td> </tr> <tr> <td>content</td> <td>simple</td> </tr> <tr> <td>nilable</td> <td>true</td> </tr> </table>	isRef	0	content	simple	nilable	true
isRef	0						
content	simple						
nilable	true						
facets	<table border="0"> <tr> <td>totalDigits</td> <td>6</td> </tr> <tr> <td>fractionDigits</td> <td>0</td> </tr> </table>	totalDigits	6	fractionDigits	0		
totalDigits	6						
fractionDigits	0						
annotation	documentation The sequence number of the batch. This number should be supplied for incremental batches only and should be incremented sequentially. The National Dog Database will track which batches have been processed for each TA in the past and will only process the next one in sequence						

element **dogAndOwnerData/dog**

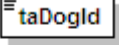
diagram



properties isRef 0
content complex

children [taDogId](#) [dogAlert](#) [status](#) [deactivatedReason](#) [name](#) [breed1](#) [breed2](#) [colour1](#) [colour2](#) [keptAtAddress](#) [yearOfBirth](#) [monthOfBirth](#) [gender](#) [desexed](#) [isoChipNumber](#) [nonStandardChipNumber](#) [classification](#) [destructionOrderDate](#) [distinguishingMarks](#) [permanentIdentifier](#) [otherTaRegistration](#) [recordType](#)

element **dogAndOwnerData/dog/taDogId**

diagram 

The unique identifier assigned to the dog by the territorial authority's local system. This identifier must remain consistent throughout the life of the dog record so that the National Dog Database can track information held about the dog

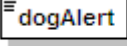
type [nidd:taDogId](#)

properties isRef 0
content simple

facets totalDigits 12
fractionDigits 0

annotation documentation The unique identifier assigned to the dog by the territorial authority's local system. This identifier must remain consistent throughout the life of the dog record so that the National Dog Database can track information held about the dog

element **dogAndOwnerData/dog/dogAlert**

diagram 

Indicates whether the local TA holds information on the dog relating to safety of the Animal Control Officer.

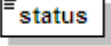
type restriction of **xs:string**

properties isRef 0
content simple
default N

facets length 1
enumeration Y
enumeration N

annotation documentation Indicates whether the local TA holds information on the dog relating to safety of the Animal Control Officer.

element **dogAndOwnerData/dog/status**


diagram 

The status of the dog from the TA's perspective. Must be 'I' for currently In district, 'O' for Out of district or 'D' for Deactivated

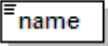
type restriction of **xs:string**

properties	isRef	0	
	content	simple	
facets	length	1	
	enumeration	I	
	enumeration	O	
	enumeration	D	
annotation	documentation	The status of the dog from the TA's perspective. Must be 'I' for currently In district, 'O' for Out of district or 'D' for Deactivated	

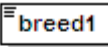
element dogAndOwnerData/dog/deactivatedReason

diagram			
	Should be supplied if and only if the status is 'D'. Must contain a value selected from a standard list of deactivated reason codes		
type	restriction of xs:string		
properties	isRef	0	
	content	simple	
	nillable	true	
facets	maxLength	3	
annotation	documentation	Should be supplied if and only if the status is 'D'. Must contain a value selected from a standard list of deactivated reason codes	

element dogAndOwnerData/dog/name

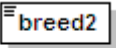
diagram			
	The dog's name		
type	restriction of xs:string		
properties	isRef	0	
	content	simple	
	nillable	true	
facets	maxLength	50	
annotation	documentation	The dog's name	

element dogAndOwnerData/dog/breed1

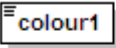
diagram			
	The dog's breed. In the case of a cross-bred dog, this will be the predominant breed. Must contain a code selected from a standard list of breed codes. This element is considered mandatory under the Dog Control Act and should be supplied in every case		
type	restriction of xs:string		
properties	isRef	0	
	content	simple	
	nillable	true	

facets	maxLength	4
annotation	documentation	The dog's breed. In the case of a cross-bred dog, this will be the predominant breed. Must contain a code selected from a standard list of breed codes. This element is considered mandatory under the Dog Control Act and should be supplied in every case

element dogAndOwnerData/dog/breed2

diagram	 <p>In the case of a cross-bred dog, this will be the secondary breed. Must contain a code selected from a standard list of breed codes.</p>	
type	restriction of xs:string	
properties	isRef	0
	content	simple
	nillable	true
facets	maxLength	4
annotation	documentation	In the case of a cross-bred dog, this will be the secondary breed. Must contain a code selected from a standard list of breed codes.

element dogAndOwnerData/dog/colour1

diagram	 <p>The predominant colour of the dog. Must contain a code selected from a standard list of colour codes. This element is considered mandatory under the Dog Control Act and should be supplied in every case.</p>	
type	restriction of xs:string	
properties	isRef	0
	content	simple
	nillable	true
facets	maxLength	3
annotation	documentation	The predominant colour of the dog. Must contain a code selected from a standard list of colour codes. This element is considered mandatory under the Dog Control Act and should be supplied in every case.

element dogAndOwnerData/dog/colour2

diagram	 <p>The secondary colour of the dog. Must contain a code selected from a standard list of colour codes.</p>	
type	restriction of xs:string	
properties	isRef	0
	content	simple
	nillable	true

facets	maxLength	3
annotation	documentation	The secondary colour of the dog. Must contain a code selected from a standard list of colour codes.

element **dogAndOwnerData/dog/keptAtAddress**

diagram		
	<p>keptAtAddress</p> <p>The address where the dog is ordinarily kept. This element is considered mandatory under the Dog Control Act and should be supplied in every case.</p>	<p>xAL:AddressDetails</p> <p>This container defines the details of the address. Can define multiple addresses including tracking address history</p>
properties	isRef	0
	content	complex
children	xAL:AddressDetails	
annotation	documentation	The address where the dog is ordinarily kept. This element is considered mandatory under the Dog Control Act and should be supplied in every case.

element **dogAndOwnerData/dog/yearOfBirth**

diagram		
	<p>yearOfBirth</p> <p>The dog's year of birth. This element is considered mandatory under the Dog Control Act and should be supplied in every case</p>	
type	restriction of xs:decimal	
properties	isRef	0
	content	simple
	nillable	true
facets	minInclusive	1980
	maxInclusive	2100
	totalDigits	4
	fractionDigits	0
annotation	documentation	The dog's year of birth. This element is considered mandatory under the Dog Control Act and should be supplied in every case

element **dogAndOwnerData/dog/monthOfBirth**

diagram		
	<p>monthOfBirth</p> <p>The dog's month of birth.</p>	
type	restriction of xs:decimal	
properties	isRef	0
	content	simple
	nillable	true
facets	minInclusive	1
	maxInclusive	12
	totalDigits	2
	fractionDigits	0
annotation	documentation	The dog's month of birth.

element **dogAndOwnerData/dog/gender**

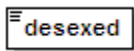
diagram

Either 'M' for male or 'F'
for female

type	restriction of xs:string
properties	isRef 0 content simple
facets	maxLength 1 enumeration M enumeration F
annotation	documentation Either 'M' for male or 'F' for female

element **dogAndOwnerData/dog/desexed**

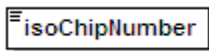
diagram

Either 'Y' for yes or 'N'
for no

type	restriction of xs:string
properties	isRef 0 content simple default N
facets	maxLength 1 enumeration Y enumeration N
annotation	documentation Either 'Y' for yes or 'N' for no

element **dogAndOwnerData/dog/isoChipNumber**

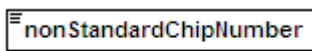
diagram

ISO standard chip
number

type	restriction of xs:decimal
properties	isRef 0 content simple nillable true
facets	totalDigits 15 fractionDigits 0
annotation	documentation ISO standard chip number

element **dogAndOwnerData/dog/nonStandardChipNumber**

diagram

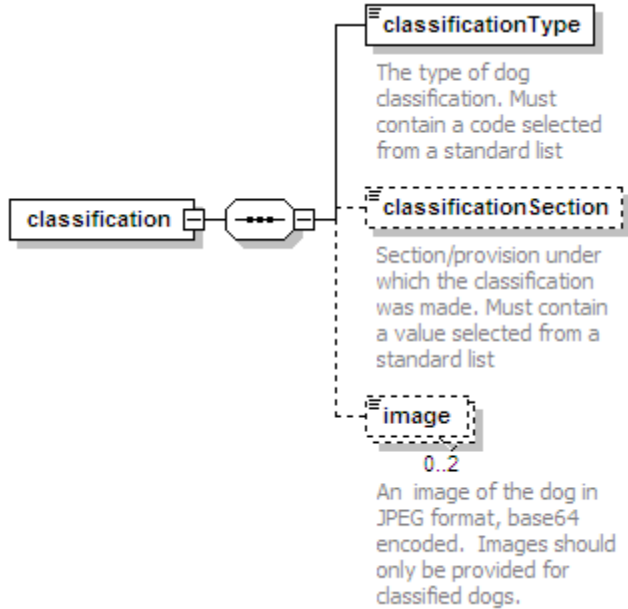
The identifier of any
non-standard chip implanted in
the dog

type	restriction of xs:string
properties	isRef 0 content simple nillable true

facets maxLength 30
 annotation documentation The identifier of any non-standard chip implanted in the dog

element **dogAndOwnerData/dog/classification**

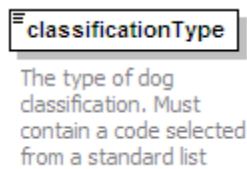
diagram



properties isRef 0
 content complex
 children [classificationType](#) [classificationSection](#) [image](#)

element **dogAndOwnerData/dog/classification/classificationType**

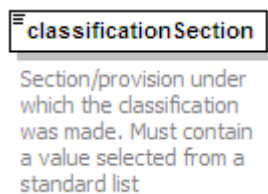
diagram



type restriction of **xs:string**
 properties isRef 0
 content simple
 facets maxLength 10
 annotation documentation The type of dog classification. Must contain a code selected from a standard list

element **dogAndOwnerData/dog/classification/classificationSection**

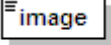
diagram



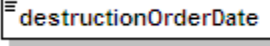
type restriction of **xs:string**
 properties isRef 0

	content	simple	
	nillable	true	
facets	maxLength	20	
annotation	documentation	Section/provision under which the classification was made. Must contain a value selected from a standard list	

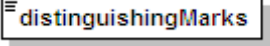
element dogAndOwnerData/dog/classification/image

diagram			
	An image of the dog in JPEG format, base64 encoded. Images should only be provided for classified dogs.		
type	xs:base64Binary		
properties	isRef	0	
	content	simple	
	nillable	true	
annotation	documentation	An image of the dog in JPEG format, base64 encoded. Images should only be provided for classified dogs.	


element dogAndOwnerData/dog/destructionOrderDate

diagram			
	The date that the order was made, if applicable		
type	xs:date		
properties	isRef	0	
	content	simple	
	nillable	true	
annotation	documentation	The date that the order was made, if applicable	

element dogAndOwnerData/dog/distinguishingMarks

diagram			
	Describing any distinguishing marks.		
type	restriction of xs:string		
properties	isRef	0	
	content	simple	
	nillable	true	
facets	maxLength	255	
annotation	documentation	Describing any distinguishing marks.	

element dogAndOwnerData/dog/permanentIdentifier

diagram			
	Describing any tattoo or other permanent identification, including a freeze-brand.		

type restriction of **xs:string**

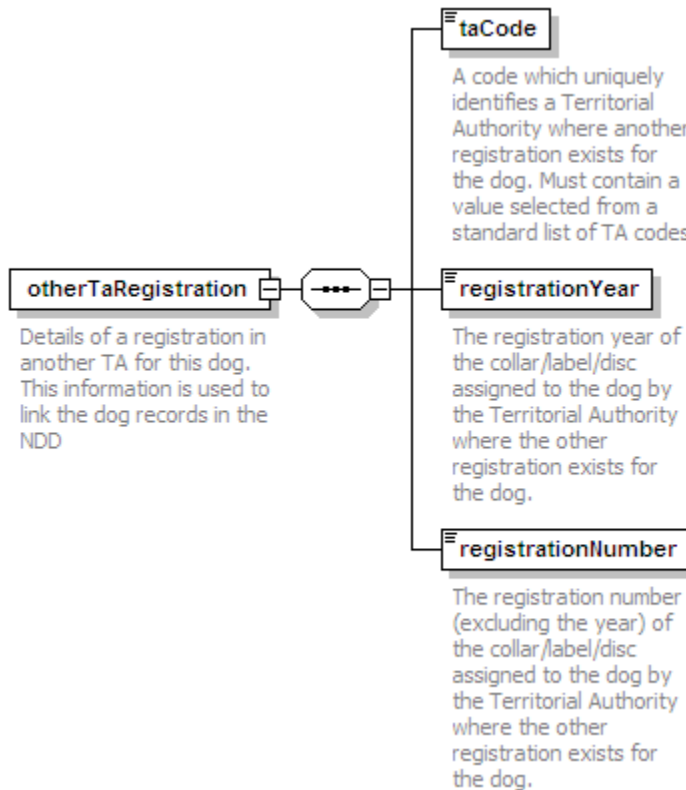
properties isRef 0
content simple
nillable true

facets maxLength 255

annotation documentation Describing any tattoo or other permanent identification, including a freeze-brand.

element **dogAndOwnerData/dog/otherTaRegistration**

diagram



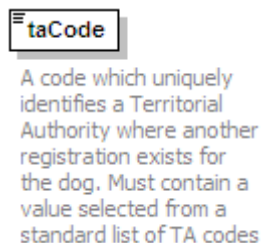
properties isRef 0
content complex

children [taCode](#) [registrationYear](#) [registrationNumber](#)

annotation documentation Details of a registration in another TA for this dog. This information is used to link the dog records in the NDD

element **dogAndOwnerData/dog/otherTaRegistration/taCode**

diagram



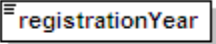
type [ndd:taCode](#)

properties isRef 0
content simple

facets totalDigits 3
fractionDigits 0

annotation documentation A code which uniquely identifies a Territorial Authority where another registration exists for the dog. Must contain a value selected from a standard list of TA codes

element **dogAndOwnerData/dog/otherTaRegistration/registrationYear**

diagram 

The registration year of the collar/label/disc assigned to the dog by the Territorial Authority where the other registration exists for the dog.

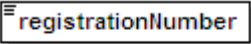
type [ndd:registrationYear](#)

properties isRef 0
 content simple

facets minInclusive 1990
 maxInclusive 2100
 totalDigits 4
 fractionDigits 0

annotation documentation The registration year of the collar/label/disc assigned to the dog by the Territorial Authority where the other registration exists for the dog.

element **dogAndOwnerData/dog/otherTaRegistration/registrationNumber**

diagram 

The registration number (excluding the year) of the collar/label/disc assigned to the dog by the Territorial Authority where the other registration exists for the dog.

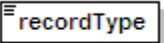
type [ndd:taRegistrationNumber](#)

properties isRef 0
 content simple
 totalDigits 6

facets fractionDigits 0

annotation documentation The registration number (excluding the year) of the collar/label/disc assigned to the dog by the Territorial Authority where the other registration exists for the dog.

element **dogAndOwnerData/dog/recordType**

diagram 

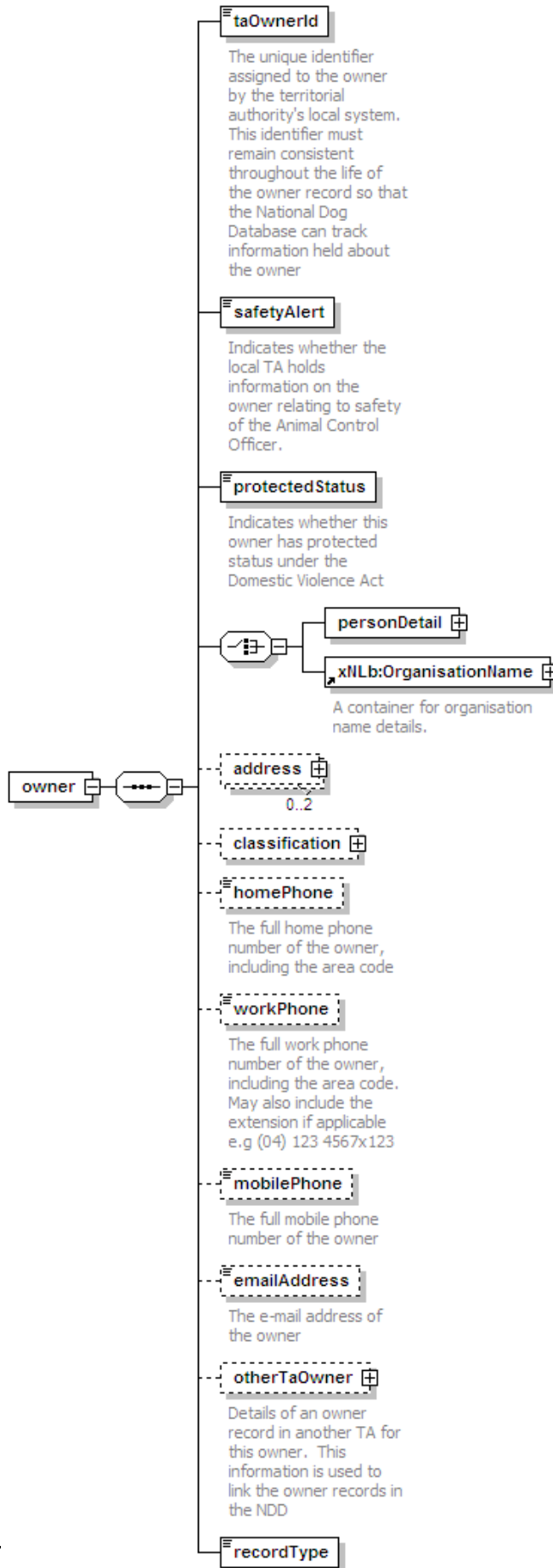
type [ndd:recordType](#)

properties isRef 0
 content simple

facets enumeration INSERT
 enumeration UPDATE
 enumeration DELETE

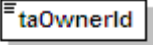
element **dogAndOwnerData/owner**

diagram



properties isRef 0
 content complex
 children [taOwnerId](#) [safetyAlert](#) [protectedStatus](#) [personDetail](#) xNLb:OrganisationName [address](#) [classification](#) [homePhone](#)
[workPhone](#) [mobilePhone](#) [emailAddress](#) [otherTaOwner](#) [recordType](#)

element **dogAndOwnerData/owner/taOwnerId**

diagram 

The unique identifier assigned to the owner by the territorial authority's local system. This identifier must remain consistent throughout the life of the owner record so that the National Dog Database can track information held about the owner


type [ndd:taOwnerId](#)

properties isRef 0
 content simple

facets totalDigits 12
 fractionDigits 0

annotation documentation The unique identifier assigned to the owner by the territorial authority's local system. This identifier must remain consistent throughout the life of the owner record so that the National Dog Database can track information held about the owner

element **dogAndOwnerData/owner/safetyAlert**

diagram 

Indicates whether the local TA holds information on the owner relating to safety of the Animal Control Officer.

type restriction of **xs:string**

properties isRef 0
 content simple
 default N

facets length 1
 enumeration Y
 enumeration N

annotation documentation Indicates whether the local TA holds information on the owner relating to safety of the Animal Control Officer.

element **dogAndOwnerData/owner/protectedStatus**

diagram 

Indicates whether this owner has protected status under the Domestic Violence Act

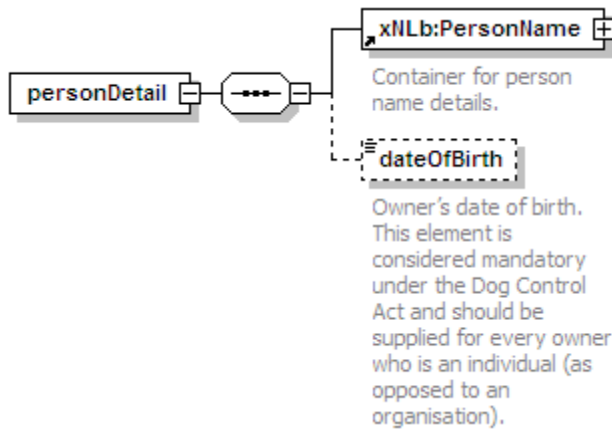
type restriction of **xs:string**

properties isRef 0

	content	simple	
	default	N	
facets	maxLength	1	
	enumeration	Y	
	enumeration	N	
annotation	documentation	Indicates whether this owner has protected status under the Domestic Violence Act	

element **dogAndOwnerData/owner/personDetail**

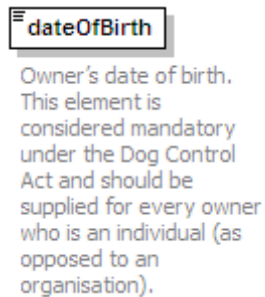
diagram



properties	isRef	0
	content	complex
children	xNLb:PersonName	dateOfBirth

element **dogAndOwnerData/owner/personDetail/dateOfBirth**

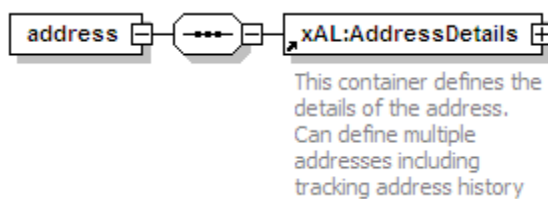
diagram



type	restriction of xs:date	
properties	isRef	0
	content	simple
	nullable	true
annotation	documentation	Owner's date of birth. This element is considered mandatory under the Dog Control Act and should be supplied for every owner who is an individual (as opposed to an organisation).

element **dogAndOwnerData/owner/address**

diagram

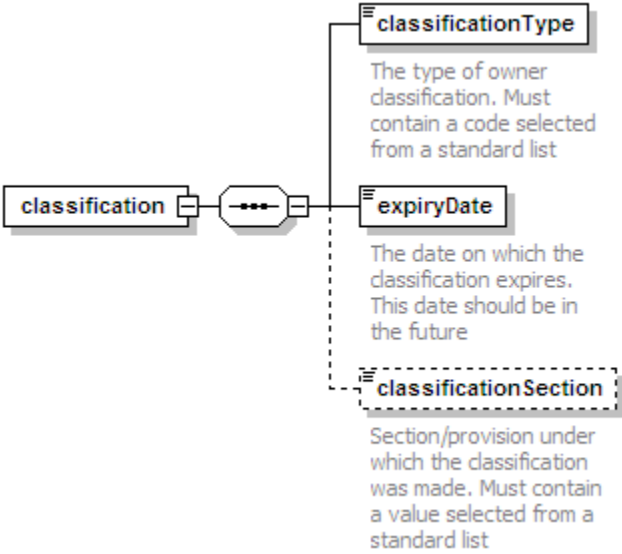


properties	isRef	0
	content	complex

children **xAL:AddressDetails**

element **dogAndOwnerData/owner/classification**

diagram

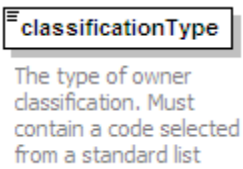


properties isRef 0
content complex

children [classificationType](#) [expiryDate](#) [classificationSection](#)

element **dogAndOwnerData/owner/classification/classificationType**

diagram



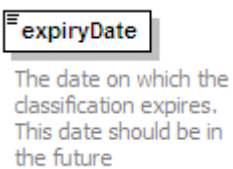
type restriction of **xs:string**

properties isRef 0
content simple
facets maxLength 10

annotation documentation The type of owner classification. Must contain a code selected from a standard list

element **dogAndOwnerData/owner/classification/expiryDate**

diagram




type **xs:date**

properties isRef 0
content simple
documentation The date on which the classification expires. This date should be in the future

element dogAndOwnerData/owner/classification/classificationSection

diagram


 **classificationSection**

Section/provision under which the classification was made. Must contain a value selected from a standard list

type	restriction of xs:string
properties	isRef 0 content simple nillable true
facets	maxLength 20
annotation	documentation Section/provision under which the classification was made. Must contain a value selected from a standard list

element dogAndOwnerData/owner/homePhone

diagram


 **homePhone**

The full home phone number of the owner, including the area code

type	restriction of xs:string
properties	isRef 0 content simple nillable true
facets	maxLength 20
annotation	documentation The full home phone number of the owner, including the area code

element dogAndOwnerData/owner/workPhone

diagram

 **workPhone**

The full work phone number of the owner, including the area code. May also include the extension if applicable e.g (04) 123 4567x123

type	restriction of xs:string
properties	isRef 0 content simple nillable true
facets	maxLength 20
annotation	documentation The full work phone number of the owner, including the area code. May also include the extension if applicable e.g (04) 123 4567x123

element dogAndOwnerData/owner/mobilePhone

diagram

 **mobilePhone**


The full mobile phone number of the owner

type restriction of **xs:string**

properties isRef 0
content simple
nillable true
facets maxLength 20

annotation documentation The full mobile phone number of the owner

element dogAndOwnerData/owner/emailAddress

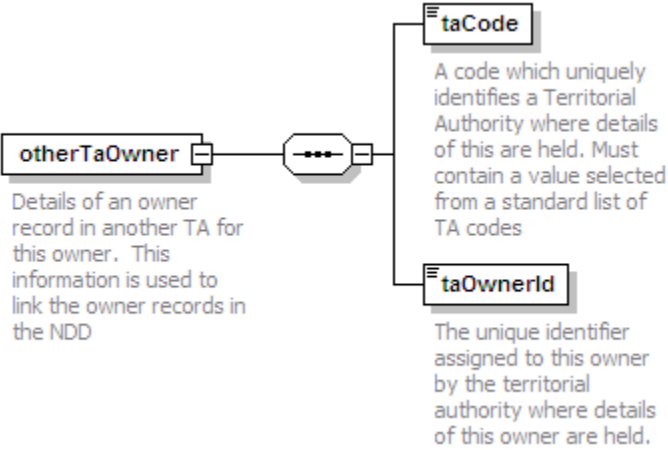
diagram 
The e-mail address of the owner

type restriction of **xs:string**

properties isRef 0
content simple
nillable true
facets maxLength 80

annotation documentation The e-mail address of the owner

element dogAndOwnerData/owner/otherTaOwner

diagram 

otherTaOwner
Details of an owner record in another TA for this owner. This information is used to link the owner records in the NDD

taCode
A code which uniquely identifies a Territorial Authority where details of this are held. Must contain a value selected from a standard list of TA codes

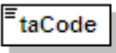
taOwnerId
The unique identifier assigned to this owner by the territorial authority where details of this owner are held.

properties isRef 0
content complex

children [taCode](#) [taOwnerId](#)

annotation documentation Details of an owner record in another TA for this owner. This information is used to link the owner records in the NDD

element dogAndOwnerData/owner/otherTaOwner/taCode

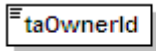
diagram 
A code which uniquely identifies a Territorial Authority where details of this are held. Must contain a value selected from a standard list of TA codes

type [ndd:taCode](#)

properties	isRef	0	
	content	simple	
facets	totalDigits	3	
	fractionDigits	0	
annotation	documentation	A code which uniquely identifies a Territorial Authority where details of this are held. Must contain a value selected from a standard list of TA codes	

element **dogAndOwnerData/owner/otherTaOwner/taOwnerId**

diagram



The unique identifier assigned to this owner by the territorial authority where details of this owner are held.

type	ndd:taOwnerId		
properties	isRef	0	
	content	simple	
facets	totalDigits	12	
	fractionDigits	0	
annotation	documentation	The unique identifier assigned to this owner by the territorial authority where details of this owner are held.	

element **dogAndOwnerData/owner/recordType**

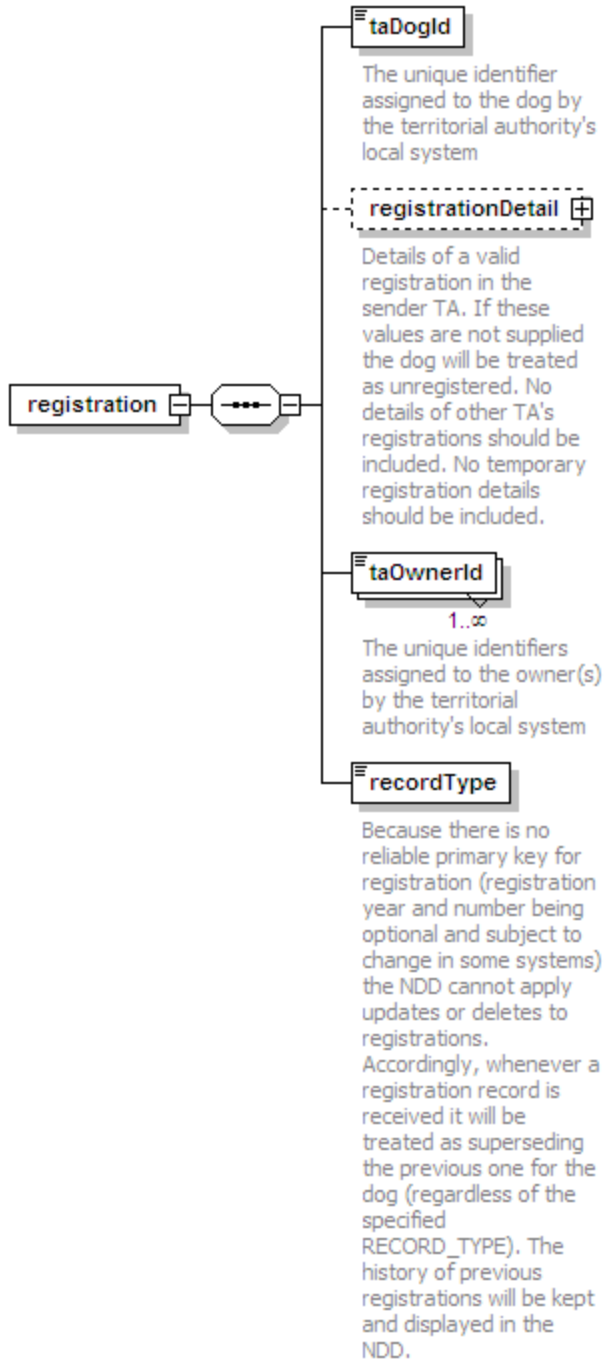
diagram



type	ndd:recordType		
properties	isRef	0	
	content	simple	
facets	enumeration	INSERT	
	enumeration	UPDATE	
	enumeration	DELETE	

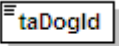
element **dogAndOwnerData/registration**

diagram

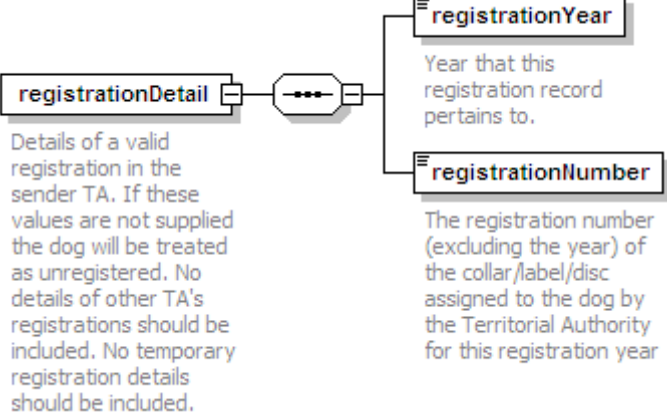


properties isRef 0
 content complex
children [taDogId](#) [registrationDetail](#) [taOwnerId](#) [recordType](#)


element **dogAndOwnerData/registration/taDogId**

diagram	 <p>The unique identifier assigned to the dog by the territorial authority's local system</p>	
type	ndd:taDogId	
properties	isRef	0
	content	simple
facets	totalDigits	12
	fractionDigits	0
annotation	documentation	The unique identifier assigned to the dog by the territorial authority's local system

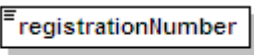
element **dogAndOwnerData/registration/registrationDetail**

diagram	 <p>Details of a valid registration in the sender TA. If these values are not supplied the dog will be treated as unregistered. No details of other TA's registrations should be included. No temporary registration details should be included.</p> <p>Year that this registration record pertains to.</p> <p>The registration number (excluding the year) of the collar/label/disc assigned to the dog by the Territorial Authority for this registration year</p>	
properties	isRef	0
	content	complex
children	registrationYear registrationNumber	
annotation	documentation	Details of a valid registration in the sender TA. If these values are not supplied the dog will be treated as unregistered. No details of other TA's registrations should be included. No temporary registration details should be included.

element **dogAndOwnerData/registration/registrationDetail/registrationYear**

diagram	 <p>Year that this registration record pertains to.</p>	
type	ndd:registrationYear	
properties	isRef	0
	content	simple
facets	minInclusive	1990
	maxInclusive	2100
	totalDigits	4
	fractionDigits	0
annotation	documentation	Year that this registration record pertains to.

element **dogAndOwnerData/registration/registrationDetail/registrationNumber**

diagram 

The registration number (excluding the year) of the collar/label/disc assigned to the dog by the Territorial Authority for this registration year

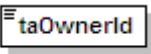
type [ndd:taRegistrationNumber](#)

properties isRef 0
content simple

facets totalDigits 6
fractionDigits 0

annotation documentation The registration number (excluding the year) of the collar/label/disc assigned to the dog by the Territorial Authority for this registration year

element **dogAndOwnerData/registration/taOwnerId**

diagram 

The unique identifiers assigned to the owner(s) by the territorial authority's local system

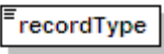
type [ndd:taOwnerId](#)

properties isRef 0
content simple

facets totalDigits 12
fractionDigits 0

annotation documentation The unique identifiers assigned to the owner(s) by the territorial authority's local system

element **dogAndOwnerData/registration/recordType**

diagram 

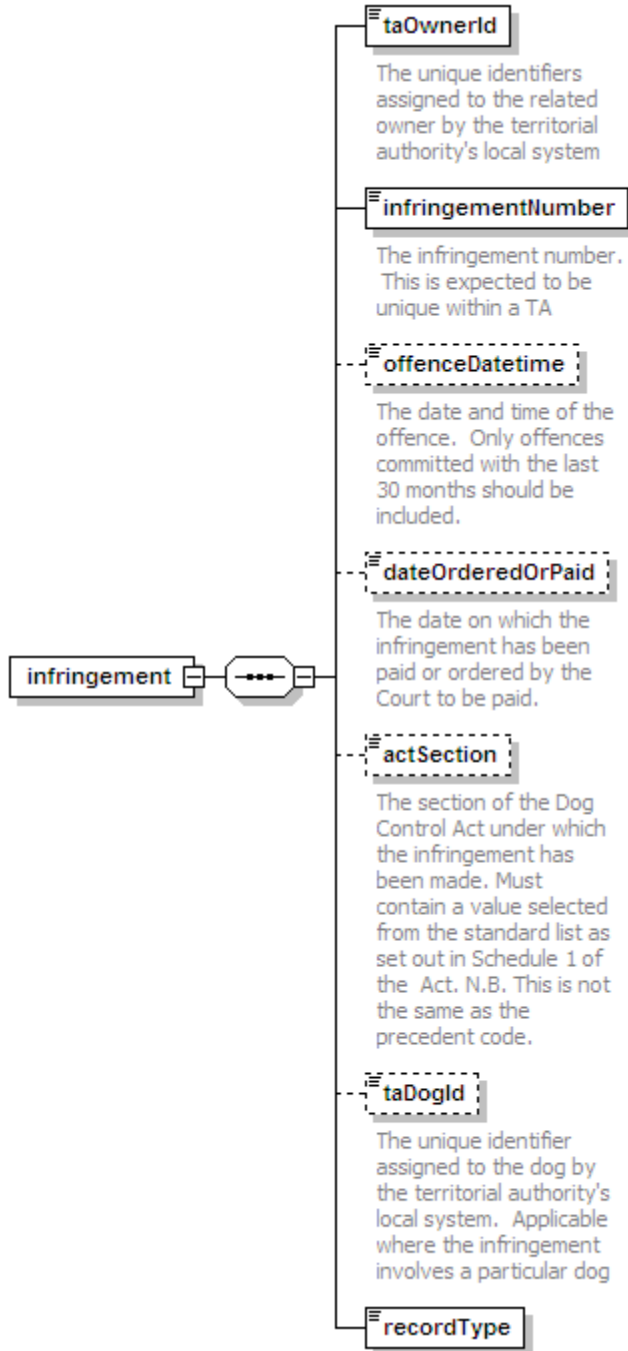
Because there is no reliable primary key for registration (registration year and number being optional and subject to change in some systems) the NDD cannot apply updates or deletes to registrations. Accordingly, whenever a registration record is received it will be treated as superseding the previous one for the dog (regardless of the specified RECORD_TYPE). The history of previous registrations will be kept and displayed in the NDD.

type [ndd:recordType](#)

properties	isRef	0	
	content	simple	
facets	enumeration	INSERT	
	enumeration	UPDATE	
	enumeration	DELETE	
annotation	documentation	Because there is no reliable primary key for registration (registration year and number being optional and subject to change in some systems) the NDD cannot apply updates or deletes to registrations. Accordingly, whenever a registration record is received it will be treated as superseding the previous one for the dog (regardless of the specified RECORD_TYPE). The history of previous registrations will be kept and displayed in the NDD.	

element **dogAndOwnerData/infringement**

diagram

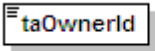


properties	isRef	0
	content	complex

children [taOwnerId](#) [infringementNumber](#) [offenceDatetime](#) [dateOrderedOrPaid](#) [actSection](#) [taDogId](#) [recordType](#)

element **dogAndOwnerData/infringement/taOwnerId**

diagram



The unique identifiers assigned to the related owner by the territorial authority's local system

type [nidd:taOwnerId](#)

properties isRef 0
content simple
facets totalDigits 12
fractionDigits 0

annotation documentation The unique identifiers assigned to the related owner by the territorial authority's local system

element **dogAndOwnerData/infringement/infringementNumber**

diagram



The infringement number. This is expected to be unique within a TA

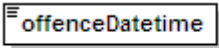
type restriction of **xs:decimal**

properties isRef 0
content simple
facets totalDigits 12
fractionDigits 0

annotation documentation The infringement number. This is expected to be unique within a TA

element **dogAndOwnerData/infringement/offenceDatetime**

diagram



The date and time of the offence. Only offences committed with the last 30 months should be included.

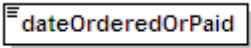
type **xs:dateTime**

properties isRef 0
content simple
nillable true

annotation documentation The date and time of the offence. Only offences committed with the last 30 months should be included.

element **dogAndOwnerData/infringement/dateOrderedOrPaid**

diagram



The date on which the infringement has been paid or ordered by the Court to be paid.

type **xs:date**

properties	isRef	0	
	content	simple	
	nillable	true	
annotation	documentation	The date on which the infringement has been paid or ordered by the Court to be paid.	

element `dogAndOwnerData/infringement/actSection`

diagram

actSection

The section of the Dog Control Act under which the infringement has been made. Must contain a value selected from the standard list as set out in Schedule 1 of the Act. N.B. This is not the same as the precedent code.

type	restriction of xs:string		
properties	isRef	0	
	content	simple	
	nillable	true	
facets	maxLength	20	
annotation	documentation	The section of the Dog Control Act under which the infringement has been made. Must contain a value selected from the standard list as set out in Schedule 1 of the Act. N.B. This is not the same as the precedent code.	

element `dogAndOwnerData/infringement/taDogId`

diagram

taDogId

The unique identifier assigned to the dog by the territorial authority's local system. Applicable where the infringement involves a particular dog

type	ndd:taDogId		
properties	isRef	0	
	content	simple	
	nillable	true	
facets	totalDigits	12	
	fractionDigits	0	
annotation	documentation	The unique identifier assigned to the dog by the territorial authority's local system. Applicable where the infringement involves a particular dog	

element `dogAndOwnerData/infringement/recordType`

diagram

recordType

type	ndd:recordType		
properties	isRef	0	
	content	simple	
facets	enumeration	INSERT	
	enumeration	UPDATE	
	enumeration	DELETE	

simpleType recordType

namespace urn:nzl:govt:registering:dogs:registration:3_0

type restriction of **xs:string**

used by elements [dogAndOwnerData/dog/recordType](#) [dogAndOwnerData/owner/recordType](#) [dogAndOwnerData/registration/recordType](#) [dogAndOwnerData/infringement/recordType](#)

facets enumeration INSERT
enumeration UPDATE
enumeration DELETE

annotation documentation Whether INSERT, UPDATE or DELETE. If the local record has not been sent to the National Dog Database before it should be marked INSERT. If the local record has been sent before and is being re-sent to reflect changes it should be marked UPDATE. If the local record has been deleted (as opposed to being merely superseded) then it should be marked DELETE. In the latter case the record should contain the data that was held immediately prior to the local delete. Where the local record has changed several times prior to it being sent to the National Dog Database, the record type should be set form the NDD's perspective so that if the NDD has not seen a record before it should be set as INSERT even if it was updated locally before being sent. The data in the record should reflect the state of the record at the time of sending and any record should only appear once in the file.

simpleType registrationYear

namespace urn:nzl:govt:registering:dogs:registration:3_0

type restriction of **xs:decimal**

used by elements [dogAndOwnerData/dog/otherTaRegistration/registrationYear](#) [dogAndOwnerData/registration/registrationDetail/registrationYear](#)

facets minInclusive 1990
maxInclusive 2100
totalDigits 4
fractionDigits 0

annotation documentation The year of the registration. This should be the calendar year in which the registration year begins. For example, if the registration relates to the registration year beginning July 2006 this element should contain the value 2006

simpleType taCode

namespace urn:nzl:govt:registering:dogs:registration:3_0

type restriction of **xs:decimal**

used by elements [dogAndOwnerData/header/senderTaCode](#) [dogAndOwnerData/dog/otherTaRegistration/taCode](#) [dogAndOwnerData/owner/otherTaOwner/taCode](#)

facets totalDigits 3
fractionDigits 0

annotation documentation The Territorial Authority code as selected from the predefined list nominated by the Department of Internal Affairs

simpleType taDogId

namespace urn:nzl:govt:registering:dogs:registration:3_0

type restriction of **xs:decimal**

used by elements [dogAndOwnerData/dog/taDogId](#) [dogAndOwnerData/registration/taDogId](#) [dogAndOwnerData/infringement/taDogId](#)

facets totalDigits 12
fractionDigits 0

simpleType taOwnerId

namespace urn:nzl:govt:registering:dogs:registration:3_0

type restriction of **xs:decimal**

used by elements [dogAndOwnerData/owner/taOwnerId](#) [dogAndOwnerData/owner/otherTaOwner/taOwnerId](#)
[dogAndOwnerData/registration/taOwnerId](#) [dogAndOwnerData/infringement/taOwnerId](#)
facets totalDigits 12
fractionDigits 0

simpleType taRegistrationNumber

namespace urn:nzl:govt:registering:dogs:registration:3_0

type restriction of **xs:decimal**

used by elements [dogAndOwnerData/dog/otherTaRegistration/registrationNumber](#)
[dogAndOwnerData/registration/registrationDetail/registrationNumber](#)

facets totalDigits 6
fractionDigits 0

N.B. The details of the xNAL components have been omitted. Please refer to <http://www.e-government.govt.nz/docs/xnal-guidelines-1-0/index.html> for details.