

Appendix B: Subject Taxonomy

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Standardized Taxonomy Usage Recommendations

This appendix provides value sets and guidelines for standardizing subject taxonomy concepts as Linnaean categories, and animal groupings, breeds, and strains. Linnaean taxonomy (e.g. genus, species, etc.) serves as a structured framework to link the various levels of common animal groupings, breeds, and strains within a complete taxonomy hierarchy. Common animal groupings represent commonly used non-Linnaean classifications (e.g. cattle, goats) that may include more than one species or genus. Animal breeds that are officially recognized and known to produce offspring of the same breed are standardized. Animal strains have been genetically engineered such that they can be determined to represent a recognizable, consistent genetic type.

The subject taxonomy standardization value sets utilize a subset of the Veterinary Adaptation of the Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®). The SNOMED CT® Veterinary Adaptation includes synonyms and parent-child relationships between concepts. This utilization of the SNOMED CT® Veterinary Adaptation enhances the use of the taxonomy value set by allowing the use of parent-child relationships between kingdom, phylum, class, order, family, genus, species, sub-Linnaean categories (e.g. subspecies), groupings, breeds and strains. The Veterinary Medical Informatics Laboratory at Virginia Tech (<http://vtsl.vetmed.vt.edu/nahln/main.cfm>) maintains this subset and provided consultative services that supported the conceptual and structural analysis of animal taxonomy information.

Online access is available for browsing the taxonomy values set relationships and attributes (e.g. hierarchy, synonyms) as maintained in the Veterinary Adaptation to SNOMED CT®. This provides the ability to browse online and download content.

1. Access is available via the URL: <http://vtsl.vetmed.vt.edu/vs/>
2. Follow the Terminology Resources link (button)
3. Follow the VS Taxonomy Subset Browser link (hyperlink)

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Subject taxonomy concepts represented by Linnaean classification, groupings, breeds, and strains are organized within the SNOMED CT® Veterinary Adaptation hierarchy. This hierarchy can be used to navigate from a high granularity (e.g. Bovine) to a lower granularity (e.g. Black Angus) for promoting data entry efficiency. This is supported by pull-down, data entry selection lists specialized for the type of subject observed. The hierarchy can also be used to group lower granularity animals (e.g. Cattle & Bison) into higher granularity groupings (e.g. Bovine) supporting automated hierarchical inferencing activities (e.g. Retrieve all cattle subjects (regardless of whether they are represented by breed or species)). Full utilization of this hierarchy is maximized if the information model used to store this data represents the generic concept "taxonomy", and this data element is able to store either the Linnaean classification, grouping, breed, or strain. Rather than model and store each of the above data elements separately (e.g. breeds are stored separately from species) and requiring all or a subset for each animal recorded in the database (e.g. "Bovine" grouping, "Bos Taurus" species, and "Black Angus" breed are all stored), only a single taxonomy data element will be required (e.g. "Bos Taurus" breed). This single data element will capture the animal taxonomy classification specified to a reasonable level of confidence. For example, if an individual that observes a sheep is not confident that they know the breed, but are confident that the animal is a domestic sheep, the subject species "Ovis aries" will be stored. Information systems that are able to model and process this taxonomy information using the SNOMED CT® hierarchy will be able to accurately group or aggregate this animal as part of the "Sheep" animal grouping. Data entry personnel can be provided guidance to select the breed (or Linnaean taxonomy) level of detail appropriate to their level of confidence. Data retrieval personnel may be provided a system that supports navigation through the various levels of hierarchy in order to identify the level of detail useful for performing accurate aggregation of comparable animals based on species, animal grouping or breed.

The value sets provided below are presented as subset view lists meant to aid visual inspection. These tables are derived from an overall value set named "SubjectTaxonomy". This value set is organized within a hierarchy and provided attributes such as synonyms within the SNOMED CT® Veterinary Adaptation. The value subset views listed below provide some taxonomy definitions, recommended alternative means to standardize and a limited set of commonly used synonyms within Veterinary Services. The full set of synonyms can be utilized for retrieving taxonomic concepts with common names within the application provided for browsing terminology online and downloading content. Access is available via the URL: <http://vtsl.vetmed.vt.edu/nahln/main.cfm>

Value Set Name: SubjectTaxonomy

Value Set version: 20100108

Coding System: SNOMED CT® Veterinary Adaptation unless otherwise specified (e.g. HL7, Local)

The concepts listed in the tables below are associated with a status [Active, Retired]. A retired concept was previously used, but is no longer included in the standardized SubjectTaxonomy value set.

Mixed Breeds

Only the generic concept used to specify that a subject appears to be a descendent of animals of dissimilar breeds (i.e. mixed breed) will be included in the standardized subset lists (e.g. sheep breeds). The ability to specify the breeds of the parents will not be supported. It is recommended that commonly encountered mixed breeds be supported by either narrative supplemental descriptors or local standards. In either of these cases the subject will be noted to be of 'Mixed Breed' with the appropriate SNOMED CT® breed concept. This information can be supplemented with additional narrative text, locally standardized animal breeds, or standardized subject descriptors.

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Information Unknown or Not Available

SubjectTaxonomy Subset Name: NullFlavor

SubjectTaxonomy Subset Version: 20081215

Coding System: HL7 NullFlavor [2.16.840.1.113883.5.1008]*

Value Set Name: NullFlavor

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
AskedButUnknown	HL7*	2.16.840.1.113883.1.11.10614	Active	Description: Information was sought but not found (e.g., owner was asked but didn't know); Synonym = "Not Specified"
NoInformation	HL7	2.16.840.1.113883.1.11.10610	Active	No information whatsoever can be inferred from this exceptional value. This is the most general exceptional value. It is also the default exceptional value.
Other	HL7	2.16.840.1.113883.1.11.10616	Active	Description: The actual value is not an element in the value domain of a variable. (e.g., concept not provided by required code system).
Unknown	HL7	2.16.840.1.113883.1.11.10612	Active	Description: A proper value is applicable, but not known.

Subject Groupings

Avian Grouping subset

SubjectTaxonomy Subset Name: AvianGrouping

SubjectTaxonomy Subset Version: 20090922

This published subset is incomplete. All avian groupings are made available from the web-accessible terminology services system described above in the Standardized Taxonomy Usage Recommendations section.

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Avian	SNOMED	387972009	Active	Includes all Class Aves members
Chicken	SNOMED	47290002	Active	Includes all <i>Gallus gallus</i> species members
Cockatiel	SNOMED	75896006	Active	
Dove	SNOMED	29781000009107	Active	
Duck	SNOMED	29791000009109	Active	
Finches	SNOMED	151891000009105	Active	
Goose	SNOMED	29911000009101	Active	
Guinea Fowl	SNOMED	107062008	Active	
Ostriches	SNOMED	32141000009106	Active	
Parakeet	SNOMED	28621000009106	Active	
Parrot	SNOMED	28631000009108	Active	
Partridge	SNOMED	47964009	Active	
Partridge	SNOMED	47964009	Active	
Pheasant	SNOMED	28701000009109	Active	
Pigeon	SNOMED	28751000009105	Active	
Quail	SNOMED	29081000009109	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Ratite	SNOMED	107015001	Active	Includes all Order Struthioniformes members
Turkey	SNOMED	30731000009102	Active	Is a part of the Genus <i>Meleagris</i> grouping; includes all <i>Meleagris gallopavo</i> and <i>Meleagris ocellata</i> members

Bovine Grouping subset

SubjectTaxonomy Subset Name: BovineGrouping

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Bison	SNOMED	273221000009109	Active	Is a part of the Bovine grouping; includes all Genus <i>Bison</i> members
Bovine	SNOMED	277681000009102	Active	Is a part of the Subfamily Bovinae; includes all Genus <i>Bison</i> and <i>Bos</i> and <i>Bison bison</i> x <i>Bos taurus</i> intergenus hybrid members
Cattle	SNOMED	30761000009109	Active	Is a part of the Bovine grouping; includes all Genus <i>Bos</i> and <i>Bison bison</i> x <i>Bos taurus</i> intergenus hybrid members

Caprine Grouping subset

SubjectTaxonomy Subset Name: CaprineGrouping

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Goat	SNOMED	27991000009101	Active	Is a part of the Subfamily Caprinae; includes all Genus <i>Oreamnos</i> and <i>Capra hircus</i> members
Sheep	SNOMED	29281000009100	Active	Is a part of the Subfamily Caprinae; includes all Genus <i>Ammotragus</i> and <i>Ovis</i> members

Equine Grouping subset

SubjectTaxonomy Subset Name: EquineGrouping

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Donkey	SNOMED	30751000009106	Active	Is a part of the Equine grouping; includes all <i>Equus kiang</i> , <i>Equus onager</i> , <i>Equus asinus</i> , and <i>Equus hemious</i> members
Equine	SNOMED	388445009	Active	Includes all Genus <i>Equus</i> members
Henny	SNOMED	277571000009100	Active	Is a part of the Equine grouping; includes all <i>Equus asinus</i> (dam) x <i>Equus caballus</i> (sire) interspecies hybrid members
Horse	SNOMED	35354009	Active	Is a part of the Equine grouping; includes all <i>Equus caballus</i> members
Large Standard Donkey	SNOMED	132987008	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Mammoth Jack Stock Donkey	SNOMED	132959004	Active	
Miniature Donkey	SNOMED	132989006	Active	
Mule	SNOMED	132950000	Active	Is a part of the Equine grouping; includes all <i>Equus asinus</i> (sire) x <i>Equus caballus</i> (dam) interspecies hybrid members
Small Standard Donkey	SNOMED	274831000009107	Active	
Wild Burro			Retired	Recommended: SubjectTaxonomy "Donkey" in addition to a descriptor for the type of animal identifier such as "BLM Brand"
Zebra	SNOMED	29621000009103	Active	Is a part of the Equine grouping; includes all <i>Equus burchellii</i> , <i>Equus grevyi</i> , and <i>Equus zebra</i> members

Swine Grouping subset

SubjectTaxonomy Subset Name: SwineGrouping

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Feral Pig			Retired	Recommended: SubjectTaxonomy "Pig" grouping (28741000009107) in addition to SubjectUse/Function "Feral" (FR)
Pig	SNOMED	28741000009107	Active	Is a part of the Subfamily Suinae; includes all Genus <i>Sus</i> , <i>Potamochoerus</i> , and <i>Hylochoerus</i> members

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Subject Species

Wild Avian species subset

SubjectTaxonomy Subset Name: WildAvianSpecies

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
American Black Duck	SNOMED	396628002	Active	Anas rubripes
Aleutian Cackling	SNOMED	186771000009104	Active	Branta hutchinsii leucopareia
American Coot	SNOMED	422514006	Active	Fulica americana
American Crow	SNOMED	117471000009108	Active	Corvus brachyrhynchos
American Green-winged Teal	SNOMED	186191000009104	Active	Anas crecca carolinensis
American Pipit	SNOMED	56161000009107	Active	Anthus rubescens
American Wigeon	SNOMED	396689007	Active	Anas americana
Arctic Tern	SNOMED	87547000	Active	Sterna paradisaea
Atlantic Brant	SNOMED	423033002	Active	Branta bernicla hrota
Atlantic Puffin	SNOMED	424248005	Active	Fratercula arctica
Baird's Sandpiper	SNOMED	8001000009101	Active	Calidris bairdii
Barrow's Goldeneye	SNOMED	6751000009102	Active	Bucephala islandica
Black Brant	SNOMED	423241005	Active	Branta bernicla nigricans
Black Guillemot	SNOMED	424543002	Active	Cephus grylle
Black Scoter	SNOMED	424512009	Active	Melanitta nigra
Black Skimmer	SNOMED	59791000009108	Active	Rynchops niger
Black Bellied Plover	SNOMED	19140006	Active	Pluvialis squatarola
Black-Crowned Night Heron	SNOMED	422391003	Active	Nycticorax nycticorax
Black-legged Kittiwake	SNOMED	59741000009101	Active	Rissa tridactyla
Black-Necked Stilt	SNOMED	66861000009107	Active	Himantopus novaezelandiae
Blue-winged Teal	SNOMED	396693001	Active	Anas discors
Bonaparte's Gull	SNOMED	424677004	Active	Larus philadelphia
Brown Pelican	SNOMED	63031000009102	Active	Pelecanus occidentalis
Buff-Breasted Sandpiper	SNOMED	423663007	Active	Tryngites subruficollis
Bufflehead	SNOMED	396704005	Active	Bucephala albeola
Cackling Goose	SNOMED	84521000009108	Active	Branta hutchinsii
Canada Goose	SNOMED	84521000009108	Active	Branta hutchinsii
Canvasback	SNOMED	81690002	Active	Aythya valisineria
Cedar Waxwing	SNOMED	88601000009108	Active	Bombycilla cedrorum
Cinnamon Teal	SNOMED	409950002	Active	Anas cyanoptera
Common Eider	SNOMED	409953000	Active	Somateria mollissima
Common Goldeneye	SNOMED	88439004	Active	Bucephala clangula
Common Loon	SNOMED	409955007	Active	Gavia immer
Common Merganser	SNOMED	85081000009102	Active	Mergus merganser
Common Moorhen	SNOMED	424579005	Active	Gallinula chloropus

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Common Raven	SNOMED	396718003	Active	Corvus corax
Common Snipe	SNOMED	65181000009100	Active	Gallinago gallinago
Common Tern	SNOMED	77005002	Active	Sterna hirundo
Double-crested Cormorant	SNOMED	424098000	Active	Phalacrocorax auritus
Dunlin	SNOMED	396723003	Active	Calidris alpina
Emperor Goose	SNOMED	422489007	Active	Chen canagica
Eurasian Green-winged Teal	SNOMED	425099004	Active	Anas crecca
Eurasian Wigeon	SNOMED	27924000	Active	Anas penelope
European Starling	SNOMED	396725005	Active	Sturnus vulgaris
Fish Crow	SNOMED	396737007	Active	Corvus ossifragus
Fork-tailed Storm Petrel	SNOMED	58701000009108	Active	Oceanodroma furcata
Franklin's Gull	SNOMED	59591000009100	Active	Larus pipixcan
Gadwall	SNOMED	396742004	Active	Anas strepera
Glaucous Gull	SNOMED	424981002	Active	Larus hyperboreus
Glaucous-winged Gull	SNOMED	59441000009108	Active	Larus glaucescens
Gray-Cheeked Thrush	SNOMED	61537003	Active	Catharus minimus
Great Black-backed Gull	SNOMED	59531000009101	Active	Larus marinus
Great Blue Heron	SNOMED	422845000	Active	Ardea herodias
Greater Scaup	SNOMED	396758001	Active	Aythya marila
Greater Snow Goose	SNOMED	425262009	Active	Chen caerulescens atlantica
Greater White-fronted Goose	SNOMED	424059005	Active	Anser albifrons
Greater Yellowlegs	SNOMED	22734009	Active	Tringa melanoleuca
Harlequin Duck	SNOMED	424026007	Active	Histrionicus histrionicus
Herring Gull	SNOMED	51300007	Active	Larus argentatus
Hooded Merganser	SNOMED	396817004	Active	Lophodytes cucullatus
Horned Grebe	SNOMED	424861002	Active	Podiceps auritus
Killdeer	SNOMED	428025000	Active	Charadrius vociferus
King Eider	SNOMED	424022009	Active	Somateria spectabilis
Laughing Gull	SNOMED	59291000009102	Active	Larus atricilla
Least Auklet	SNOMED	56401000009103	Active	Aethia pusilla
Least Sandpiper	SNOMED	425239007	Active	Calidris minutilla
Lesser Scaup	SNOMED	396820007	Active	Aythya affinis
Lesser Snow Goose	SNOMED	425107005	Active	Chen caerulescens caerulescens
Lesser White-fronted Goose	SNOMED	424104009	Active	Anser erythropus
Lesser Yellowlegs	SNOMED	70541006	Active	Tringa flavipes
Long-Billed Dowitcher	SNOMED	424266000	Active	Limnodromus scolopaceus
Long-tailed Duck	SNOMED	423773000	Active	Clangula hyemalis
Mallard	SNOMED	125102002	Active	Anas platyrhynchos
Mew Gull	SNOMED	59371000009108	Active	Larus canus
Mottled Duck	SNOMED	396738002	Active	Anas fulvigula

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Mourning Dove	SNOMED	423672004	Active	Zenaida macroura
Muscovy Duck	SNOMED	396539008	Active	Cairina moschata
Mute Swan	SNOMED	62750002	Active	Cygnus olor
Northern Fulmar	SNOMED	423787000	Active	Fulmarus glacialis
Northern Gannet	SNOMED	68591000009102	Active	Morus bassanus
Northern Pintail	SNOMED	55854008	Active	Anas acuta
Northern Shoveler	SNOMED	406708006	Active	Anas clypeata
Pacific Golden Plover	SNOMED	424957009	Active	Pluvialis fulva
Pectoral Sandpiper	SNOMED	423943002	Active	Calidris melanotos
Purple Sandpiper	SNOMED	64971000009101	Active	Calidris maritima
Red Knot	SNOMED	424193007	Active	Calidris canutus
Red Phalarope	SNOMED	65641000009101	Active	Phalaropus fulicarius
Red-Breasted Merganser	SNOMED	396834007	Active	Mergus serrator
Redhead	SNOMED	17283002	Active	Aythya americana
Red-legged Kittiwake	SNOMED	59731000009107	Active	Rissa brevirostris
Red-necked Grebe	SNOMED	425125003	Active	Podiceps grisegena
Red-necked Phalarope	SNOMED	83710002	Active	Phalaropus lobatus
Ring-billed Gull	SNOMED	396843003	Active	Larus delawarensis
Ringed Turtle Dove	SNOMED	423169007	Active	Streptopelia risoria
Ring-necked Duck	SNOMED	396844009	Active	Aythya collaris
Rock Pigeon	SNOMED	409912008	Active	Columba livia
Rock Sandpiper	SNOMED	422884005	Active	Calidris ptilocnemis
Ross's Goose	SNOMED	424785001	Active	Chen rossii
Royal Tern	SNOMED	60141000009101	Active	Sterna maxima
Ruddy Duck	SNOMED	406689005	Active	Oxyura jamaicensis
Ruddy Turnstone	SNOMED	9285002	Active	Arenaria interpres
Sanderling	SNOMED	16093005	Active	Calidris alba
Sandhill Crane	SNOMED	59449004	Active	Grus canadensis
Semipalmated Sandpiper	SNOMED	422648001	Active	Calidris pusilla
Sharp-tailed Sandpiper	SNOMED	422765001	Active	Calidris acuminata
Short-billed Dowitcher	SNOMED	65421000009108	Active	Limnodromus griseus
Snow Bunting	SNOMED	147831000009102	Active	Plectrophenax nivalis
Solitary Sandpiper	SNOMED	65861000009101	Active	Tringa solitaria
Spotted Sandpiper	SNOMED	423769003	Active	Actitis macularia
Stilt Sandpiper	SNOMED	64961000009105	Active	Calidris himantopus
Surf Scoter	SNOMED	424357001	Active	Melanitta perspicillata
Swainson's Thrush	SNOMED	423030004	Active	Catharus ustulatus
Thayer's Gull	SNOMED	59691000009104	Active	Larus thayeri
Trumpeter Swan	SNOMED	422447004	Active	Cygnus buccinator
Tundra Swan	SNOMED	422640008	Active	Cygnus columbianus
Wedge-tailed Shearwater	SNOMED	422597003	Active	Puffinus pacificus

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Western Sandpiper	SNOMED	422944002	Active	Calidris mauri
Whimbrel	SNOMED	423532004	Active	Numenius phaeopus
White-winged Scoter	SNOMED	423422009	Active	Melanitta fusca
Whooper Swan	SNOMED	425112006	Active	Cygnus cygnus
Willet	SNOMED	65061000009105	Active	Catoptrophorus semipalmatus
Wilson's Phalarope	SNOMED	75525007	Active	Phalaropus tricolor
Wood Duck	SNOMED	15696005	Active	Aix sponsa

Subject Breeds

Avian breed subset

SubjectTaxonomy Subset Name: AvianBreed

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Ameraucana chicken	SNOMED	132817001	Active	
Ancona duck	SNOMED	131820006	Active	
Ancona chicken	SNOMED	69575001	Active	
Andalusian chicken	SNOMED	78375007	Active	
Arbor Acres chicken strain	SNOMED	275531000009109	Active	
Arucana chicken	SNOMED	10643004	Active	
Australorp chicken	SNOMED	54251000	Active	
Babcock White Leghorn chicken	SNOMED	275561000009102	Active	
Bantam	SNOMED	409910000	Active	
Brahma chicken	SNOMED	57364006	Active	
British United Turkeys turkey strain	SNOMED	275541000009103	Active	
Broad breasted white turkey	SNOMED	37812004	Active	
Brown commercial egg layer chicken	SNOMED	71238008	Active	
Buttercup chicken	SNOMED	33607002	Active	
Cochin chicken	SNOMED	65767004	Active	
Cochin, Standard chicken	SNOMED	132005004	Active	
Cornish chicken	SNOMED	61839006	Active	
Coturnix japonica	SNOMED	396531006	Active	
Cubalaya chicken	SNOMED	70326005	Active	
Dekalb chicken strain	SNOMED	275571000009106	Active	
Delaware chicken	SNOMED	11830008	Active	
Dorking chicken	SNOMED	61204004	Active	
Dutch Bantam	SNOMED	132725007	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
chicken				
Faverolle chicken	SNOMED	29546006	Active	
Hubbard chicken strain	SNOMED	275581000009108	Active	
Leghorn chicken	SNOMED	35839008	Active	
Leghorn chicken	SNOMED	35839008	Active	
Marans chicken	SNOMED	2253004	Active	
Minorca chicken	SNOMED	42602001	Active	
Mixed breed chicken	SNOMED	406723001	Active	
Mixed breed duck	SNOMED	275611000009100	Active	
Mixed breed goose	SNOMED	275621000009108	Active	
Mixed breed turkey	SNOMED	275601000009102	Active	
New Hampshire chicken	SNOMED	54218009	Active	
New Hampshire chicken	SNOMED	54218009	Active	
Nicholas turkey strain	SNOMED	275551000009100	Active	
Old English Bantam Game chicken	SNOMED	132006003	Active	
Old English Game chicken	SNOMED	132729001	Active	
Orpington duck	SNOMED	131813004	Active	
Orpington chicken	SNOMED	18299006	Active	
Peterson Farms chicken strain	SNOMED	275591000009105	Active	
Phoenix chicken	SNOMED	33224000	Active	
Plymouth Rock chicken	SNOMED	41290008	Active	
Plymouth Rock chicken	SNOMED	41290008	Active	
Polish chicken	SNOMED	61843005	Active	
Red Jungle Fowl chicken	SNOMED	132825004	Active	
Rhode Island red chicken	SNOMED	5350006	Active	
Rhode Island red chicken	SNOMED	132838007	Active	
Rhode Island White chicken	SNOMED	132839004	Active	
Rosecomb Bantam chicken	SNOMED	80886008	Active	
Rosecomb chicken	SNOMED	48255007	Active	
Silkie chicken	SNOMED	22330003	Active	
White commercial egg layer chicken	SNOMED	7598004	Active	
Wyandotte chicken	SNOMED	132817001	Active	

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Bovine breed subset

SubjectTaxonomy Subset Name: BovineBreed

SubjectTaxonomy Subset Version: 20100108

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Aberdeen Angus	SNOMED	84923006	Active	Synonym "Angus"
Abondance	SNOMED	133551002	Active	
Africander	SNOMED	131426006	Active	
Albères	SNOMED	131555000	Active	This is a semi-feral breed found in the Albères Mountains and eastern Pyrenees of France and Spain. It is black, blond or brown in coloration and the breed is rare. http://www.ansi.okstate.edu/breeds/cattle/alberes/index.htm
Alentejana	SNOMED	131556004	Active	
Allmogekor	SNOMED	51901000009101	Active	http://www.ansi.okstate.edu/breeds/cattle/allmogekor/index.htm
American bison X cattle breed	SNOMED	133703008	Active	Synonym "American Breed"
American Bucking Bull			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to SubjectUse/Function "Competition " (CP)
American White Park	SNOMED	131557008	Active	
Amerifax	SNOMED	131558003	Active	
Amrit Mahal zebu	SNOMED	133594007	Active	
Anatolian Black	SNOMED	131559006	Active	
Andalusian Black	SNOMED	131560001	Active	
Andalusian Blond	SNOMED	133291003	Active	
Andalusian Gray	SNOMED	131561002	Active	
Angeln	SNOMED	131562009	Active	
Ankina	SNOMED	131443009	Active	
Ankole	SNOMED	131427002	Active	Ankole cattle are referenced on the Oklahoma State animal breed web site as one of the founders of the Ankole-Watusi breed in the US. This breed is potentially found in zoos and animal parks preserving the species, and are still prominent in parts of Africa.
Ankole-Watusi	SNOMED	131428007	Active	Ankole Watusi is the American version of Watusi cattle. They are of American origin, not African as is the case for Watusi cattle.
Argentine Criollo	SNOMED	51911000009104	Active	The Argentine Criollo is one of the Criollo type cattle found in the Americas and include the Texas Longhorn among others. http://www.cgirc.cgiar.org/ilri/beef/Argentine_Criollo.htm
Asturian Mountain	SNOMED	131563004	Active	

Appendix B: Subject Taxonomy

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Aubrac cattle breed	SNOMED	131565006	Active	
Aulie-Ata	SNOMED	131566007	Active	
Australian Braford X zebu	SNOMED	133704002	Active	
Australian Friesian Sahiwal X zebu	SNOMED	133715007	Active	
Australian Lowline	SNOMED	131567003	Active	Synonym "Lowline"
Australian Milking Zebu X zebu	SNOMED	133748007	Active	
Ayrshire	SNOMED	8989009	Active	
Bachaur	SNOMED	133595008	Active	
Baladicattle	SNOMED	131429004	Active	Synonym "Baladi"
Baltana Romaneasca	SNOMED	51921000009107	Active	http://www.bloobook.net/index/mammalia.php?lg=eo
Barka zebu	SNOMED	133596009	Active	
Barzona	SNOMED	131568008	Active	
Bazadais	SNOMED	131569000	Active	
Bearnais	SNOMED	133312008	Active	
Beef Breed			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Meat Breed" (1030)
Beef friesian	SNOMED	7861000009107	Active	
Beef shorthorn	SNOMED	133313003	Active	
Beefmaker	SNOMED	131570004	Active	
Beefmaster	SNOMED	16042001	Active	
Belarus Red	SNOMED	131571000	Active	
Belgian Blue	SNOMED	131572007	Active	
Belgian Red	SNOMED	131573002	Active	
Belgian Red Pied	SNOMED	133318007	Active	
Belgian White and Red	SNOMED	133319004	Active	
Belmont Adaptaur	SNOMED	131574008	Active	
Belmont Red	SNOMED	131430009	Active	
Belted Galloway	SNOMED	13544004	Active	
Bengali	SNOMED	133597000	Active	
Berrendas	SNOMED	131575009	Active	
Bhagnari	SNOMED	133598005	Active	
Bison bison			Retired	Recommended: Use the species concept "Bison bison" (424878006)
Black			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Black" (1011)
Black Angus	SNOMED	409905004	Active	
Black and White			Retired	
Black Baldy			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to SubjectDescriptor "Black baldy " (1006)
Black Welsh	SNOMED	28744004	Active	Synonym "Welsh Black"

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Black White Face			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to SubjectDescriptor "Black white face " (1021)
Blacksided Trondheim and Norland	SNOMED	131576005	Active	
Blanco Orejinegro	SNOMED	131577001	Active	
Blonde d'Aquitaine	SNOMED	62153005	Active	
Bonsmara	SNOMED	131431008	Active	
Boran	SNOMED	133599002	Active	
Bordelais	SNOMED	51941000009103	Active	
Bos grunniens			Retired	Recommended: Use the species concept "Bos grunniens" (53919002)
Bos taurus X Bison bison hybrid	SNOMED	425181009	Active	Synonym "Beefalo"
Bos taurus indicus			Retired	Recommended: Use the subspecies concept "Bos taurus indicus" (125091004)
Braford X zebu	SNOMED	133716008	Active	
Brahma	SNOMED	30384003	Active	Synonym "Brahman"
Brahmanstein	SNOMED	51971000009106	Active	http://imsonline.tamu.edu/Courses/Samples/102AppliedSciandTech/AppliedSciTechDocs/8393_ST.pdf
Brahmousin X zebu	SNOMED	133717004	Active	Synonym "Brahmousin"
Bralers X zebu	SNOMED	133767006	Active	Synonym "Braler"
Brangus	SNOMED	28336001	Active	
Braunvieh	SNOMED	131578006	Active	
Brindle			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Brindle" (1024)
British White	SNOMED	131579003	Active	
Brockle Face			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to the appropriate SubjectDescriptor "Black brockle face" (1022) or "Red brockle face" (1026)
Brown Swiss	SNOMED	44230005	Active	
Brown Welsh	SNOMED	944009	Active	
Bubalus bubalus			Retired	Recommended: Use the species concept "Bubalus bubalus" (28692007)
Buelingo	SNOMED	7891000009104	Active	
Busa	SNOMED	133577005	Active	
Cachena	SNOMED	131580000	Active	
Canadian	SNOMED	21921002	Active	Synonym "Canadian Lineback"
Canadian	SNOMED	21921002	Active	
Canary Island	SNOMED	131581001	Active	
Canchim X zebu	SNOMED	133718009	Active	
Carinthian Blond	SNOMED	131582008	Active	
Cattalo	SNOMED	69510003	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Caucasian	SNOMED	131583003	Active	
Channi	SNOMED	133600004	Active	
Char-Swiss			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to a free-text descriptor http://jds.fass.org/cgi/reprint/66/6/1409.pdf
Charbray X zebu	SNOMED	133719001	Active	
Charford X zebu	SNOMED	133797003	Active	
Charolais	SNOMED	131584009	Active	
Chiangus	SNOMED	133578000	Active	
Chianina	SNOMED	35229007	Active	
Chiford	SNOMED	133355007	Active	
Chimaine	SNOMED	133356008	Active	
Chinampo	SNOMED	133357004	Active	
Chinese Black-and-white	SNOMED	131585005	Active	http://www.ansi.okstate.edu/breeds/cattle/chineseblackandwhite/index.htm
Cholistani	SNOMED	133601000	Active	
Corriente	SNOMED	131586006	Active	
Costeño con Cuernos	SNOMED	131587002	Active	
Criollo	SNOMED	83996001	Active	
Crossbred Beef			Retired	Recommended: Use as a synonym to "Mixed breed cattle" (409906003) in addition to using the SubjectDescriptor "Meat Breed" (1030)
Crossbred Twinner			Retired	Recommended: Use as a synonym to "Mixed breed cattle" (409906003) in addition to a free-text descriptor
Cumberland	SNOMED	133568003	Active	Similar to the Whitebred Shorthorn cattle breed (133568003) http://www.whitebredshorthorn.com/breed/history.html
Dairy Breed			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Dairy Breed" (1031)
Dairy Synthetic	SNOMED	133371007	Active	
Dajal	SNOMED	133602007	Active	
Damascus	SNOMED	131588007	Active	
Damietta	SNOMED	131432001	Active	
Dangi	SNOMED	133603002	Active	
Danish Black and White	SNOMED	52221000009109	Active	http://neurocad.lva.it/Breeds/DanishBreeds.htm
Danish Jersey	SNOMED	133580006	Active	
Danish Red	SNOMED	131589004	Active	
Danish Red Pied	SNOMED	133372000	Active	Synonym "Danish Red & White"
Deoni	SNOMED	133604008	Active	
Devon	SNOMED	131590008	Active	
Dexter	SNOMED	53031002	Active	
Dhanni	SNOMED	133605009	Active	
Dølafe	SNOMED	131591007	Active	http://www.ansi.okstate.edu/breeds/cattle/dolafe/index.htm

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Droughtmaster X zebu	SNOMED	133720007	Active	
Dutch Belted	SNOMED	131592000	Active	
Dutch Friesian	SNOMED	131593005	Active	
East Anatolian Red	SNOMED	133378001	Active	
Enderby Island	SNOMED	133581005	Active	
English Longhorn	SNOMED	131594004	Active	
English Longhorn	SNOMED	131594004	Active	
Eringer	SNOMED	52231000009106	Active	http://www.viehexport.ch/eng/cattle4.php
Estonian Red	SNOMED	131595003	Active	
Evolène	SNOMED	131596002	Active	http://www.ansi.okstate.edu/breeds/cattle/evolene/index.htm
Fighting Bull	SNOMED	131597006	Active	
Finnish Ayrshire	SNOMED	133384003	Active	Synonym "Finnish"
Fjall	SNOMED	131598001	Active	
Gayal	SNOMED	133702003	Active	Synonym "Dulong" http://www.ansi.okstate.edu/breeds/cattle/dulong/index.htm
German Fleck-Vieh	SNOMED	67448000	Active	
Flemish	SNOMED	133385002	Active	Synonyms "Flamande" and "Rouge Flamand"
Florida Cracker	SNOMED	131599009	Active	Synonym "Pineywoods"
Fribourg	SNOMED	52241000009100	Active	http://www.swissinfo.ch/eng/front.html?siteSect=109&ty=st&sid=9318795&front=br
Galician Blond	SNOMED	131600007	Active	
Galloway	SNOMED	66911005	Active	
Gaolao	SNOMED	133606005	Active	
Gascon	SNOMED	131601006	Active	
Gelbray X zebu	SNOMED	133731004	Active	
Gelbveih	SNOMED	76497003	Active	
German Angus	SNOMED	133582003	Active	
German Fleck-Vieh	SNOMED	67448000	Active	
German Red Pied	SNOMED	131602004	Active	
Gir	SNOMED	32938007	Active	
Glan	SNOMED	131603009	Active	
Gloucester	SNOMED	131604003	Active	
Grauvieh	SNOMED	7901000009103	Active	
Greek Shorthorn	SNOMED	133420006	Active	
Greek Steppe	SNOMED	133421005	Active	
Groningen Whiteheaded	SNOMED	131605002	Active	Synonym "Groninger"
Guernsey	SNOMED	84839000	Active	Synonym "Alderney" http://www.alderneysociety.org/aldcow.html
Gujarati	SNOMED	112485003	Active	
Guzerat	SNOMED	133699005	Active	Synonym "Guzera"
Hallikar	SNOMED	133607001	Active	
Hariana	SNOMED	133608006	Active	
Hartón	SNOMED	131606001	Active	
Hays converter	SNOMED	23629009	Active	
Hereford	SNOMED	125074003	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Herens	SNOMED	133231000	Active	
Hinterwald	SNOMED	133232007	Active	
Holando-argentino	SNOMED	52251000009102	Active	http://www.ansi.okstate.edu/breeds/cattle/holandoargentino/index.htm
Holstein-Friesian	SNOMED	26105007	Active	Synonym "Holstein"
Horned Hereford	SNOMED	7843000	Active	
Horro	SNOMED	131433006	Active	
Hungarian Gray	SNOMED	133233002	Active	
Ibage X zebu	SNOMED	133807003	Active	
Illawarra	SNOMED	133235009	Active	Synonyms "Illawarra Shorthorn" "Shorthorn Illawara" http://en.wikipedia.org/wiki/Milking_Shorthorn
Indo-Brazilian	SNOMED	133609003	Active	
Irish Moiled	SNOMED	133236005	Active	
Israeli Holstein	SNOMED	133237001	Active	
Israeli Red	SNOMED	133583008	Active	
Istoben	SNOMED	133238006	Active	
Jamaica Black X zebu	SNOMED	133732006	Active	
Jamaica Hope X zebu	SNOMED	133733001	Active	
Jamaica Red X zebu	SNOMED	133734007	Active	
Jaulan	SNOMED	133239003	Active	
Jersey	SNOMED	51937006	Active	
Kangayam	SNOMED	133610008	Active	
Kankrej	SNOMED	133611007	Active	
Karan Fries X zebu	SNOMED	133735008	Active	
Karan Swiss X zebu	SNOMED	133736009	Active	
Kazakh	SNOMED	133240001	Active	
Kerry	SNOMED	133241002	Active	
Kherigarh	SNOMED	133613005	Active	
Khillari	SNOMED	133614004	Active	
Kholmogory	SNOMED	133242009	Active	
Kilis	SNOMED	133459002	Active	
Krishna Valley	SNOMED	133615003	Active	
Kurdi	SNOMED	133252008	Active	
Kuri	SNOMED	131434000	Active	
Latvian Brown	SNOMED	133243004	Active	
Limousin	SNOMED	48702000	Active	
Limpurger	SNOMED	133491001	Active	
Lincoln red	SNOMED	3216001	Active	
Lineback	SNOMED	133584002	Active	Synonym "American Lineback"
Lithuanian Red	SNOMED	133245006	Active	
Lohani	SNOMED	133616002	Active	
Longhorn	SNOMED	66314009	Active	
Lourdais	SNOMED	133493003	Active	
Luing	SNOMED	21553004	Active	
Madagascar Zebu	SNOMED	133710002	Active	
Maine Anjou	SNOMED	45284002	Active	
Malvi	SNOMED	133617006	Active	
Mandalong Special	SNOMED	52261000009104	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Marchigiana	SNOMED	65344003	Active	Synonym "Marky" http://www.bovinebazaar.com/whythisbreed.htm
Maremmana	SNOMED	131495001	Active	
Masai	SNOMED	409908002	Active	
Mashona	SNOMED	133246007	Active	
Maure	SNOMED	133723009	Active	
Mazandarani	SNOMED	133724003	Active	
Meusse-Rhine-Ijssel	SNOMED	6112002	Active	http://www.mri.org.uk/
Mewati	SNOMED	133618001	Active	
Milking Devon	SNOMED	133247003	Active	
Milking Shorthorn	SNOMED	78541007	Active	Synonym "Dairy Shorthorn"
Mirandesa	SNOMED	133248008	Active	
Mixed breed	SNOMED	409906003	Active	Synonym "Crossbred"
Modicana	SNOMED	131501004	Active	
Mongolian	SNOMED	133250000	Active	
Montbeliard	SNOMED	133522001	Active	
Morucha	SNOMED	133251001	Active	
Murboden	SNOMED	133268002	Active	
Murray Gray	SNOMED	133471008	Active	Synonym "Tasmanian Grey" http://en.wikipedia.org/wiki/Tasmanian_Grey
Nagori	SNOMED	133619009	Active	
Nanyang	SNOMED	131504007	Active	
N'dama	SNOMED	133253003	Active	http://www.ansi.okstate.edu/breeds/cattle/ndama/
Nellore	SNOMED	76604009	Active	
Nguni	SNOMED	131435004	Active	
Nimari	SNOMED	133621004	Active	
Normandie	SNOMED	81267004	Active	Synonym "Normande" http://www.britishnormandecattle.co.uk/homepage.htm
Norwegian Red	SNOMED	133254009	Active	
Ongole	SNOMED	52271000009108	Active	
Orma Boran	SNOMED	52281000009105	Active	
Oropa	SNOMED	133536006	Active	
Ovambo	SNOMED	131513009	Active	
Ox			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Draft" (1042)
Parthenais	SNOMED	133255005	Active	
Philippine Native	SNOMED	131436003	Active	
Pie Rouge de l'Est	SNOMED	133403007	Active	Synonym "Pie Rouge" under the assumption that this name does not refer to "Pie Rouge des Plaines" a dairy breed in the NW part of France.
Piedmontese	SNOMED	4880003	Active	
Pinzgauer	SNOMED	400003	Active	
Polish Red	SNOMED	133256006	Active	
Polled Hereford	SNOMED	9277006	Active	
Polled Jersey	SNOMED	133416007	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Polled Lincoln Red	SNOMED	133417003	Active	
Polled Shorthorn (US)	SNOMED	133418008	Active	
Polled Simmental	SNOMED	133419000	Active	
Ponwar	SNOMED	133622006	Active	
Qinchuan	SNOMED	133446005	Active	
Ranger X zebu	SNOMED	133825005	Active	
Rath	SNOMED	133623001	Active	
Rathi	SNOMED	133624007	Active	
Rätien Gray	SNOMED	133257002	Active	http://www.embryoplus.com/cattle_ratien_gray.html
Red			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Red" (1012)
Red and White	SNOMED	133258007	Active	Synonym "Red Holstein"
Red Angus	SNOMED	133259004	Active	
Red Brangus X zebu	SNOMED	133749004	Active	
Red Flemish	SNOMED	133386001	Active	Synonyms "Rouge du Nord" & "West Flemish Red" http://www.tiho-hannover.de/einricht/zucht/eaap/breedlst/1_2total.htm
Red Friesian	SNOMED	133586000	Active	Synonym "Red Pied Friesian"
Red Galloway	SNOMED	133449003	Active	
Red Poll	SNOMED	88807001	Active	
Red Polled Østland	SNOMED	133260009	Active	
Red Sindhi	SNOMED	133625008	Active	
Red Steppe	SNOMED	133261008	Active	
Red White Faced			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to SubjectDescriptor "Red white face " (1028)
Reggiana	SNOMED	133262001	Active	
Retinta	SNOMED	133263006	Active	
Roan (blue or red)			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to either SubjectDescriptor "Blue Roan" (1023) or "Red Roan" (1027)
Rojhan	SNOMED	133626009	Active	
Romagnola	SNOMED	131437007	Active	
Romosinuano cattle breed (organism)	SNOMED	133264000	Active	
Rotbunte			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Red" (1012)
Russian Black Pied	SNOMED	133265004	Active	
RX3	SNOMED	133266003	Active	
Sahiwal	SNOMED	133627000	Active	
Salers	SNOMED	90612002	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Salorn	SNOMED	133267007	Active	
San Martinero	SNOMED	133269005	Active	
Sanhe	SNOMED	131438002	Active	
Santa Cruz X zebu	SNOMED	133750004	Active	
Santa Gertudis	SNOMED	5345000	Active	
Sarabi	SNOMED	133270006	Active	
Scottish Highland	SNOMED	83173002	Active	
Senepol	SNOMED	132781001	Active	
Sharabi	SNOMED	133271005	Active	
Shaver Beef Blend	SNOMED	5229100009107	Active	http://www.beef.org.nz/research/breeding/breed_xbreed.asp
Shetland	SNOMED	133272003	Active	
Shorthorn	SNOMED	80835003	Active	
Siboney X zebu	SNOMED	133751000	Active	
Simbrah	SNOMED	133273008	Active	Synonyms "Brahmental", "Simbra", and "Simbrasil" http://www.simmental.org/userimages/Simbrah%20-%20The%20Best%20of%20Both%20Breeds.pdf
Simmental	SNOMED	28483003	Active	
Siri zebu	SNOMED	133628005	Active	http://www.ansi.okstate.edu/breeds/cattle/siri/index.htm
Slovenian Cika	SNOMED	5231100009108	Active	http://www.ansi.okstate.edu/breeds/cattle/sloveniancika/index.htm
South Devon	SNOMED	133274002	Active	
Sussex	SNOMED	133276000	Active	
Swedish Friesian	SNOMED	5230100009106	Active	http://neurocad.lva.lt/Breeds/SwedishBreeds.htm
Swedish Red Polled	SNOMED	133277009	Active	
Swedish Red-and-white	SNOMED	5232100009100	Active	http://neurocad.lva.lt/Breeds/SwedishBreeds.htm
Tabapua	SNOMED	133787007	Active	
Tarentaise	SNOMED	50959000	Active	
Taurindicus			Retired	Recommended: SubjectTaxonomy "Mixed breed cattle" (409906003) in addition to free text descriptor
Telemark	SNOMED	133278004	Active	
Texas Longhorn	SNOMED	133279007	Active	
Texon	SNOMED	133280005	Active	
Tharparkar	SNOMED	133629002	Active	
Tswana	SNOMED	131439005	Active	
Tuli	SNOMED	131440007	Active	
Turkish Gray Steppe	SNOMED	131537009	Active	
Ukrainian Gray	SNOMED	131544000	Active	
Ukrainian Whiteheaded	SNOMED	133555006	Active	
Umblachery	SNOMED	133671001	Active	
Ural Black Pied	SNOMED	133556007	Active	
Vestland Fjord	SNOMED	133281009	Active	
Vestland Red Polled	SNOMED	133282002	Active	
Vosges	SNOMED	133589007	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Wagyu	SNOMED	133283007	Active	
White			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "White" (1014)
White Cáceres	SNOMED	133284001	Active	Synonym "Blanca Cacerena"
White Galloway	SNOMED	133569006	Active	
White Park	SNOMED	26525003	Active	
Xinjiang Brown	SNOMED	133285000	Active	
Yanbian	SNOMED	133286004	Active	

Equine breed subset

SubjectTaxonomy Subset Name: EquineBreed

SubjectTaxonomy Subset Version: 20090824

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Abyssinian	SNOMED	133122005	Active	
Akhal-Teke	SNOMED	133121003	Active	
Albanian	SNOMED	133070001	Active	
Altai	SNOMED	133120002	Active	
American Bashkir Curly	SNOMED	133072009	Active	
American Buckskin	SNOMED	90050009	Active	
American Creme And White	SNOMED	45790002	Active	
American Cream Draft	SNOMED	133119008	Active	
American miniature horse	SNOMED	54699009	Active	
American Mustang	SNOMED	132952008	Active	
American paint	SNOMED	7623008	Active	
American saddlebred	SNOMED	42724005	Active	
American Walking Pony	SNOMED	133117005	Active	
Andalusian	SNOMED	80777007	Active	
Anglo-Arab	SNOMED	133044002	Active	
Anglo-Kabarda	SNOMED	132957002	Active	
Anglo-normand	SNOMED	7911000009101	Active	
Appaloosa	SNOMED	55167009	Active	
Arabian	SNOMED	54098002	Active	
Ardennes	SNOMED	133116001	Active	
Argentine Criollo	SNOMED	131863009	Active	
Asturian tarpan horse X domestic horse	SNOMED	132992005	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Australian Brumby	SNOMED	133131005	Active	
Australian Stock	SNOMED	133132003	Active	
Australian warmblood	SNOMED	272731000009105	Active	
Azteca	SNOMED	133118000	Active	
Baden Wurttemberg	SNOMED	132731005	Active	
Balearic	SNOMED	133140009	Active	
Baluchi	SNOMED	133139007	Active	
Ban-ei	SNOMED	133137009	Active	
Banker	SNOMED	131873006	Active	
Barb	SNOMED	133136000	Active	
Bashkir horse	SNOMED	133135001	Active	
Bashkir Curly	SNOMED	133134002	Active	
Basotho Pony	SNOMED	272561000009106	Active	
Bavarian Warmblood	SNOMED	131876003	Active	German translation: Bayerisches Warmblut
Belgian	SNOMED	22720009	Active	
Belgian Warmblood	SNOMED	131879005	Active	
Bhirum Pony	SNOMED	133123000	Active	
Bhotia Pony	SNOMED	272571000009102	Active	
Black Forest	SNOMED	272581000009100	Active	
Boer	SNOMED	272591000009103	Active	
Breton	SNOMED	133142001	Active	
Budyonny	SNOMED	133130006	Active	
Byelorussian Harness	SNOMED	133129001	Active	
Camargue	SNOMED	131892008	Active	
Campolina	SNOMED	133128009	Active	
Canadian	SNOMED	47842004	Active	
Canadian Rustic Pony	SNOMED	131894009	Active	
Carthusian	SNOMED	133127004	Active	
Caspian	SNOMED	133126008	Active	
Cayuse	SNOMED	133125007	Active	
Cheju	SNOMED	133124006	Active	
Chilean Corralero	SNOMED	133141008	Active	
Chincoteague Pony	SNOMED	133101004	Active	
Cleveland bay horse	SNOMED	41092008	Active	
Clydesdale horse	SNOMED	1247002	Active	
Colorado Ranger	SNOMED	133098003	Active	
Connemara Pony	SNOMED	133097008	Active	
Criollo	SNOMED	133095000	Active	
Crioulo	SNOMED	133028006	Active	
Dales Pony	SNOMED	133099006	Active	
Danish Warmblood	SNOMED	131819000	Active	
Danubian	SNOMED	131919004	Active	Synonym: Danube
Dartmoor Pony	SNOMED	133027001	Active	
Deliboz	SNOMED	133026005	Active	
Djerma	SNOMED	133025009	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Døle	SNOMED	272601000009106	Active	
Don	SNOMED	132761002	Active	
Dongola	SNOMED	133023002	Active	
Draft			Retired	If the animal is used for drawing heavy loads (regardless of breed), then the subject purpose value set "Draft" concept (DR) should be used. If the breed of the animal is suited to drawing heavy loads (yet unknown) then the subject descriptor value set "Draft breed" concept (1042) should be used.
Dulmen Pony	SNOMED	131937003	Active	
Dutch Draft	SNOMED	133016003	Active	
Dutch Warmblood	SNOMED	133022007	Active	
East Bulgarian	SNOMED	132765006	Active	
Egyptian	SNOMED	133017007	Active	
Eleia	SNOMED	132742001	Active	Synonym: Andravida
Eriskay Pony	SNOMED	132747007	Active	
Estonian Native	SNOMED	133018002	Active	
Exmoor Pony	SNOMED	133019005	Active	
Faeroes Island Horse	SNOMED	133020004	Active	Synonym: Faeroes Pony
Falabella	SNOMED	133021000	Active	
Fell Pony	SNOMED	132996008	Active	
Finnhorse	SNOMED	133029003	Active	
Fjord	SNOMED	89648005	Active	
French Horse			Retired	Not specific enough, could be the French Cob or Ardennais breed
Fleuve	SNOMED	133106009	Active	
Florida Cracker	SNOMED	133114003	Active	
Fouta	SNOMED	133113009	Active	
Fredericksborg	SNOMED	133112004	Active	
French Saddle pony	SNOMED	131991000	Active	French Translation: Cheval de Selle Francais
French Saddlebred	SNOMED	131991000	Active	
French Trotter	SNOMED	132774008	Active	French Translation: Trotteur Francais
Friesian	SNOMED	133111006	Active	
Galiceno	SNOMED	6220006	Active	
Galician Pony	SNOMED	133110007	Active	
Gelderland	SNOMED	133109002	Active	
German Warmblood	SNOMED	272611000009108	Active	
Gidran	SNOMED	133108005	Active	
Golden American Saddlebred	SNOMED	133107000	Active	
Gotland	SNOMED	133100003	Active	
Grade			Retired	Used to indicate that horse is not registered under a breed registry
Groningen	SNOMED	133104007	Active	
Guangxi	SNOMED	133115002	Active	
Gypsy Vanner	SNOMED	406714004	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Hackney Horse	SNOMED	112488001	Active	
Hackney Pony	SNOMED	132748002	Active	
Haflinger	SNOMED	54447000	Active	
Hanoverian	SNOMED	66168008	Active	
Hequ	SNOMED	133096004	Active	
Hessen	SNOMED	131980007	Active	Synonym: Hessian
Highland Pony	SNOMED	133103001	Active	
Hokkaido	SNOMED	133102006	Active	
Holsteiner	SNOMED	25813002	Active	
Hucul	SNOMED	131861006	Active	
Hungarian warmblood	SNOMED	7921000009109	Active	
Hunter horse			Retired	If the animal is used for hunter jumper showing, then the subject purpose value set "Competition" concept (CP) should be used.
Icelandic horse (organism)	SNOMED	70457009	Active	
Iomud	SNOMED	133047009	Active	
Irish Draft	SNOMED	131908002	Active	
Jinzhou	SNOMED	131917002	Active	
Jutland	SNOMED	133048004	Active	
Kabarda	SNOMED	132758003	Active	
Karabair	SNOMED	133049007	Active	
Karabakh	SNOMED	133050007	Active	
Kentucky Mountain Horse	SNOMED	272621000009100	Active	
Kerry Bog Pony	SNOMED	272631000009103	Active	
Kiger Mustang	SNOMED	133062006	Active	
Kirdi Pony	SNOMED	133053009	Active	
Kisber Felver	SNOMED	133043008	Active	
Kiso	SNOMED	133054003	Active	
Kladruby	SNOMED	133055002	Active	
Knabstrup	SNOMED	133056001	Active	
Kushum	SNOMED	133057005	Active	
Kustanai	SNOMED	133058000	Active	
Latvian	SNOMED	133059008	Active	
Lipizzaner	SNOMED	41754002	Active	
Lithuanian Heavy Draft	SNOMED	133060003	Active	
Lokai	SNOMED	133061004	Active	
Losino	SNOMED	272641000009109	Active	
Lusitano	SNOMED	133035003	Active	
M'Bayar	SNOMED	133034004	Active	
Malopolski	SNOMED	131934005	Active	
Mangalarga	SNOMED	133052004	Active	
Mangalarga Marchador	SNOMED	132760001	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Marwari	SNOMED	131939000	Active	
Merens	SNOMED	131942006	Active	
Messara	SNOMED	131943001	Active	
Miniature Mediterranean Donkey	SNOMED	274811000009102	Active	
Misaki	SNOMED	133012001	Active	
Missouri fox trotting horse	SNOMED	12360007	Active	
Mixed breed	SNOMED	406721004	Active	
Miyako	SNOMED	133013006	Active	
Morab	SNOMED	133031007	Active	
Mongolian	SNOMED	133014000	Active	
Morgan	SNOMED	21295007	Active	
Moyle	SNOMED	133032000	Active	
Murgese	SNOMED	406715003	Active	
Mustang	SNOMED	133033005	Active	
National Show Horse	SNOMED	132997004	Active	
National Spotted Saddle Horse	SNOMED	132961008	Active	
New Forest pony	SNOMED	26699009	Active	
New Kirgiz	SNOMED	133010009	Active	
Newfoundland Pony	SNOMED	133036002	Active	
Noma	SNOMED	133037006	Active	
Nooitgedacht Pony	SNOMED	133038001	Active	
Noric	SNOMED	133040006	Active	Synonym: Noriker
Norland	SNOMED	133039009	Active	
North Swedish Horse	SNOMED	133041005	Active	
Northeastern	SNOMED	133042003	Active	
Oldenburg	SNOMED	133011008	Active	
Orlov Trotter	SNOMED	133066009	Active	
Palomino	SNOMED	41738000	Active	
Pantaneiro	SNOMED	133065008	Active	
Paso Fino	SNOMED	56086005	Active	
Peneia	SNOMED	132974002	Active	Synonym: Pinia
Percheron	SNOMED	1006005	Active	
Peruvian Paso	SNOMED	4960000	Active	
Pindos	SNOMED	132984001	Active	
Pintabian	SNOMED	133064007	Active	
Pinto	SNOMED	58264006	Active	
Poitou Donkey	SNOMED	132958007	Active	
Polish Konik	SNOMED	272651000009107	Active	
Polish Warmblood	SNOMED	272661000009105	Active	
Polo Pony			Retired	If the animal is used for polo competition, then the subject purpose value set "Competition" concept (CP) should be used.
Pony	SNOMED	3997000	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Pony of the Americas	SNOMED	133063001	Active	
Pottok tarpan horse X domestic	SNOMED	132993000	Active	
PRE	SNOMED	274821000009105	Active	Synonym: "Pure Spanish Horse" Spanish translation: "Pira Raza Espanola"
Priob	SNOMED	132979007	Active	Synonym: Ob
Pyrenean Tarpan	SNOMED	272671000009101	Active	
Qatgani	SNOMED	272681000009104	Active	
Quarab	SNOMED	133159006	Active	
Quarter horse	SNOMED	76467006	Active	
Quarter Pony	SNOMED	133158003	Active	
Racking Horse	SNOMED	133157008	Active	
Rhineland warmblood	SNOMED	272691000009102	Active	Synonym: Rheinlander
Rocky Mountain Horse	SNOMED	133156004	Active	
Russian Heavy Draft	SNOMED	133155000	Active	
Russian Trotter	SNOMED	132994006	Active	
Sanhe	SNOMED	133154001	Active	
Schleswig	SNOMED	133078008	Active	Synonym: "Schleswiger Heavy Draft"
Schwarzwald Fuchse	SNOMED	133079000	Active	
Selle Francais	SNOMED	133153007	Active	
Shagya	SNOMED	133152002	Active	
Shetland pony	SNOMED	69067004	Active	
Shire	SNOMED	13487004	Active	
Single-Footing Horse	SNOMED	133160001	Active	
Skyros	SNOMED	133084006	Active	
Somali Pony	SNOMED	133150005	Active	
Sorraia	SNOMED	133149005	Active	
Soviet Heavy Draft	SNOMED	133148002	Active	
Spanish Barb	SNOMED	133147007	Active	
Spanish mustang	SNOMED	76302002	Active	
Spanish-Norman	SNOMED	133146003	Active	
Standardbred	SNOMED	34200004	Active	
Sudan Country-Bred	SNOMED	133145004	Active	
Suffolk	SNOMED	53567001	Active	Synonym: Suffolk Punch
Swedish Warmblood	SNOMED	133144000	Active	
Swiss Horse			Retired	Ambiguous breed
Swiss Warmblood	SNOMED	132763004	Active	
Taishuh	SNOMED	133143006	Active	
Tarpan	SNOMED	7941000009100	Active	
Tawleed	SNOMED	133001001	Active	
Tennessee walking horse	SNOMED	51023000	Active	
Tersk	SNOMED	133151009	Active	
Thessalian	SNOMED	272701000009102	Active	
Thoroughbred	SNOMED	4288003	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Tokara	SNOMED	133009004	Active	
Tori)	SNOMED	133008007	Active	
Trakehner	SNOMED	1789009	Active	
Ukrainian Saddle Horse	SNOMED	133007002	Active	
Viking	SNOMED	1118004	Active	
Vlaamperd	SNOMED	133006006	Active	
Vladimir Heavy Draft	SNOMED	133005005	Active	
Vyatka horse	SNOMED	133004009	Active	
Warlander	SNOMED	272711000009100	Active	
Warmblood			Retired	Ambiguous breed; Recommended: SubjectDescriptor "Warmblood breed" (1043)
Welara Pony	SNOMED	133003003	Active	
Welsh Pony	SNOMED	132744000	Active	
West African Barb	SNOMED	132995007	Active	
Western Sudan Pony	SNOMED	133002008	Active	
Wielkopolski	SNOMED	132741008	Active	
Westphalian	SNOMED	25369002	Active	
Wielkopolski	SNOMED	132741008	Active	
Wurtemberg	SNOMED	131965001	Active	
Xilingol	SNOMED	131966000	Active	
Yakut	SNOMED	133000000	Active	
Yanqi	SNOMED	131967009	Active	
Yili	SNOMED	131969007	Active	
Yonaguni	SNOMED	132999001	Active	
Zaniskari Pony	SNOMED	272721000009108	Active	
Zhemaichu	SNOMED	132998009	Active	

Goat breed subset

SubjectTaxonomy Subset Name: GoatBreed
 SubjectTaxonomy Subset Version: 20081215

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Alpine	SNOMED	70431006	Active	
American Cashmere	SNOMED	131617000	Active	
Anglo nubian	SNOMED	16015002	Active	
Angora goat	SNOMED	64158000	Active	
Boer goat	SNOMED	131656006	Active	
Dairy-type crossbred			Retired	Recommended: SubjectTaxonomy "Mixed Breed goat" (131607005) in addition to SubjectFunction "Dairy" (DA)
Fiber-type crossbred			Retired	Recommended: SubjectTaxonomy "Mixed Breed goat" (131607005) in

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
				addition to SubjectFunction "Fiber" (FB)
Golden Guernsey	SNOMED	131660009	Active	
Kiko	SNOMED	131670006	Active	
La Mancha	SNOMED	55530007	Active	
Meat-type crossbred			Retired	Recommended: SubjectTaxonomy "Mixed Breed goat" (131607005) in addition to SubjectFunction "Meat" (MT)
Mixed Breed goat	SNOMED	131607005	Active	
Multiple Breeds Present			Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Multiple Breeds" (1007)
Myotonic	SNOMED	131623005	Active	
Nigerian Dwarf	SNOMED	131625003	Active	
Oberhasli	SNOMED	131632007	Active	
Pygmy	SNOMED	684003	Active	
Pygora	SNOMED	131672003	Active	
Saanen	SNOMED	21208000	Active	
Sable Saanen	SNOMED	32341000009108	Active	
Spanish	SNOMED	131638006	Active	
Toggenburg	SNOMED	30089001	Active	

Pig breed subset

SubjectTaxonomy Subset Name: PigBreed

SubjectTaxonomy Subset Version: 20080917

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
American Landrace	SNOMED	132231009	Active	Synonym: "Landrace"
American Yorkshire	SNOMED	132045008	Active	Synonyms: "Yorkshire", "York"
Berkshire	SNOMED	112489009	Active	
British saddleback	SNOMED	15961007	Active	
Chester white	SNOMED	69461005	Active	
Duroc	SNOMED	3260001	Active	Synonym is Duroc-Jersey
Hampshire	SNOMED	20280002	Active	
Hereford	SNOMED	19770007	Active	
Lacombe	SNOMED	30448006	Active	
Large black	SNOMED	21021000	Active	
Large white	SNOMED	77236002	Active	Synonym: "White"
Meishan	SNOMED	132243005	Active	
Minzhu	SNOMED	132248001	Active	
Ossabaw Island	SNOMED	132237008	Active	
Pic	SNOMED	75709004	Active	Synonyms: "Pig Improvement"

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
				Strains", "Pig Improvement"
Pietrain	SNOMED	20044005	Active	
Poland China	SNOMED	79814001	Active	
Red wattle	SNOMED	74568001	Active	Synonym: "Large Wattle"
Spotted	SNOMED	36187006	Active	Synonym: "Spot"
Tamworth	SNOMED	30634003	Active	
Vietnamese Pot-Bellied Pig	SNOMED	132230005	Active	Synonym: "Pot-bellied"
Wessex saddleback	SNOMED	73648005	Active	

Sheep breed subset

SubjectTaxonomy Subset Name: SheepBreed

SubjectTaxonomy Subset Version: 20090824

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Acipayam	SNOMED	32361000009109	Active	
Adal	SNOMED	32371000009100	Active	
Afghan Arabi	SNOMED	32381000009103	Active	
Africana	SNOMED	131768005	Active	
Alai	SNOMED	32391000009101	Active	
Alcarreña	SNOMED	32401000009103	Active	
Algarve Churro	SNOMED	32411000009101	Active	
Algerian Arab	SNOMED	32421000009109	Active	
Altai	SNOMED	32431000009106	Active	
Altay	SNOMED	132845007	Active	
American Blackbelly	SNOMED	32351000009106	Active	
Apennine	SNOMED	132811000	Active	
Arabi	SNOMED	132810004	Active	
Arapawa Island	SNOMED	132809009	Active	
Argentine Merino	SNOMED	32441000009100	Active	
Arles Merino	SNOMED	32451000009102	Active	
Armenian Semicoursewool	SNOMED	32471000009108	Active	
Askanian	SNOMED	32481000009105	Active	
Awassi	SNOMED	132808001	Active	
Balkhi	SNOMED	132804004	Active	
Baluchi	SNOMED	132861009	Active	
Balwen Welsh Mountain	SNOMED	132813002	Active	
Barbado	SNOMED	132860005	Active	
Barbados Blackbelly	SNOMED	132806002	Active	
Basco-Béarnais	SNOMED	32491000009107	Active	
Bavarian Forest	SNOMED	132805003	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Bentheimer Landschaf	SNOMED	132859000	Active	
Bergamasca	SNOMED	132681007	Active	
Berrichon du Cher	SNOMED	32501000009104	Active	
Beulah Speckled-Face	SNOMED	131716003	Active	
Bibrik	SNOMED	131704009	Active	
Biellese	SNOMED	131788009	Active	
Black Welsh Mountain Sheep	SNOMED	131706006	Active	
Black-faced	GDBSheep Breed	BF	Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Black-face sheep" (1003);
Blackhead Persian	SNOMED	131707002	Active	
Bleu du Maine	SNOMED	131708007	Active	
Bluefaced Leicester	SNOMED	131709004	Active	Synonym: "Leicester – Hexam"
Bond	SNOMED	131710009	Active	
Booroola Merino	SNOMED	132735001	Active	
Border Cheviot	SNOMED	1191000009104	Active	
Border Leicester	SNOMED	131711008	Active	
Boreray	SNOMED	131712001	Active	
Bovska	SNOMED	131713006	Active	
Braunes Bergschaf	SNOMED	131714000	Active	
Brazilian Somali	SNOMED	131715004	Active	
Brecknock Hill Cheviot	SNOMED	131702008	Active	
Brillenschaf	SNOMED	131701001	Active	
British Milk Sheep	SNOMED	131700000	Active	
Bunndner Oberland	SNOMED	131699001	Active	
California Red	SNOMED	131795000	Active	
California Variegated Mutant	SNOMED	131794001	Active	
Campanian Barbary	SNOMED	131793007	Active	
Canadian Arcott	SNOMED	132689009	Active	
Castlemilk Moorit	SNOMED	131792002	Active	
Charollais	SNOMED	131791009	Active	
Cheviot	SNOMED	50717006	Active	
Cholistani	SNOMED	131703003	Active	
Cine Capari	SNOMED	32511000009102	Active	
Clun Forest	SNOMED	48697009	Active	
Coburger Fuchsschaf	SNOMED	131736002	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Columbia Cross			Retired	Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) in addition to free text phrase or locally standardized concept (e.g. "Columbia Cross") in a supplementary subject descriptor data field
Columbia	SNOMED	131705005	Active	
Comeback	SNOMED	131766009	Active	
Comisana	SNOMED	131765008	Active	
Coopworth	SNOMED	131764007	Active	
Cormo	SNOMED	131753009	Active	
Corriedale	SNOMED	67515002	Active	
Cotswold	SNOMED	67414001	Active	
Crossbred - Large			Retired	Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) in addition to SubjectDescriptor "Large" (1002)
Crossbred - Medium			Retired	Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) in addition to SubjectDescriptor "Medium" (1001)
Crossbred - Small			Retired	Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) in addition to SubjectDescriptor "Small" (1000)
Daglic	SNOMED	32521000009105	Active	
Dala	SNOMED	131751006	Active	
Dalesbred	SNOMED	131750007	Active	
Damani	SNOMED	131749007	Active	
Damara	SNOMED	131748004	Active	
Dartmoor	SNOMED	131717007	Active	
Debouillet	SNOMED	44835005	Active	
Delaine merino	SNOMED	46392004	Active	
Derbyshire Gritstone	SNOMED	131735003	Active	
Deutsches Blaukoepfiges Fleischschaf	SNOMED	131734004	Active	
Devon Closewool	SNOMED	131733005	Active	
Devon Longwoolled	SNOMED	32531000009107	Active	
DLS	SNOMED	132855006	Active	
Dorper	SNOMED	131732000	Active	
Dorset	SNOMED	25327001	Active	
Dorset Down	SNOMED	131722007	Active	
Drysdale	SNOMED	131721000	Active	
East Friesian	SNOMED	132853004	Active	
Elliottdale	SNOMED	131720004	Active	
Est À Laine Merino	SNOMED	32541000009101	Active	
Exmoor Horn	SNOMED	131719005	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Fabrianese	SNOMED	131718002	Active	
Faeroes	SNOMED	132846008	Active	
Finnsheep	SNOMED	72329005	Retired	Retired for 20090106 version, Synonym for Finnish landrace
Finnish landrace	SNOMED	72329005	Active	Synonym: Finnsheep
Florida Native	SNOMED	131731007	Retired	Retired for 20090106 version, Synonym for Gulf Coast Native
Fonthill Merino	SNOMED	132718000	Active	
Friesian Milk Sheep	SNOMED	131725009	Active	
Galway	SNOMED	406660008	Active	
Gansu Alpine Fine-wool	SNOMED	131726005	Active	
Gentile di Puglia	SNOMED	131740006	Active	
German Blackheaded Mutton	SNOMED	131723002	Active	
German Mountain	SNOMED	131741005	Active	
German Mutton Merino	SNOMED	132716001	Active	
German Whiteheaded Mutton	SNOMED	131727001	Active	
Ghezel	SNOMED	32551000009103	Active	
Gökçeada	SNOMED	32561000009100	Active	
Graue Gehoernte Heidschnucke	SNOMED	131728006	Active	
Gromark	SNOMED	131730008	Active	
Gulf Coast Native	SNOMED	131731007	Active	
Gute	SNOMED	131738001	Active	
Hampshire	SNOMED	131739009	Active	
Han	SNOMED	131729003	Active	
Harnai	SNOMED	131775006	Active	
Hasht Nagri	SNOMED	131762006	Active	
Hazaragie	SNOMED	131763001	Active	
Hebridean	SNOMED	131770001	Active	
Herdwick	SNOMED	131772009	Active	
Herik	SNOMED	32571000009109	Active	
Hill Radnor	SNOMED	131773004	Active	
Hog Island	SNOMED	131787004	Active	
Horn Dorset	SNOMED	86920006	Active	
Hu	SNOMED	32581000009106	Active	
Hybrid	SNOMED		Retired	Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) if this concept is used to represent a "Mixed Breed sheep"
Icelandic sheep	SNOMED	131774005	Active	
Ile-de-France	SNOMED	131761004	Active	
Istrian Pramenka	SNOMED	131776007	Active	
Jacob	SNOMED	131777003	Active	

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Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Jezerskosolcavska	SNOMED	131778008	Active	
Kachhi	SNOMED	131779000	Active	
Kajli	SNOMED	131786008	Active	
Karacabey Merino	SNOMED	32591000009108	Active	
Karayaka	SNOMED	32601000009100	Active	
Karakul	SNOMED	64591001	Active	
Katahdin	SNOMED	131743008	Active	
Kerry Hill	SNOMED	11967001	Active	
Kivircik	SNOMED	32611000009103	Active	
Kooka	SNOMED	131724008	Active	
Lacaune dairy	SNOMED	7981000009105	Active	
Landais	SNOMED	32621000009106	Active	
Langhe	SNOMED	131756001	Active	
Lati	SNOMED	131754003	Active	
Leicester	SNOMED	6431001	Active	Synonyms: English Leicester, Leicester Longwool
Leicester - English	SNOMED	6431001	Retired	Retired for 20090106 version, Synonym for Leicester
Leicester - Hexam	SNOMED	131709004	Retired	Retired for 20090106 version, Synonym for Bluefaced Leicester
Leineschaf	SNOMED	131744002	Active	
Lincoln	SNOMED	65492002	Active	
Llanwenog	SNOMED	131746000	Active	
Lleyn	SNOMED	131747009	Active	
Lohi	SNOMED	131760003	Active	
Lonk	SNOMED	131755002	Active	
Louisiana Native	SNOMED	131731007	Retired	Retired for 20090106 version, Synonym for Gulf Coast Native
Luzein	SNOMED	131742003	Active	
Maltese	SNOMED	32631000009108	Active	
Manchega	SNOMED	32641000009102	Active	
Manech	SNOMED	32651000009104	Active	
Manx Loaghtan	SNOMED	131757005	Active	
Masai	SNOMED	131758000	Active	
Massese	SNOMED	32671000009105	Active	
Medium-Wool Merino	SNOMED	132717005	Active	
Mehraban	SNOMED	32681000009107	Active	
Merino sheep superbreed	SNOMED	125101009	Active	
Merinizzata Italiana	SNOMED	32691000009109	Active	
Merinolandschaf	SNOMED	131759008	Active	
Mixed Breed sheep	SNOMED	406722006	Active	
Moghani	SNOMED	132788007	Active	SNOMED CT CUI updated as a core concept for 20090824 version
Mottled-faced	GDBSheep Breed	MF	Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in

Appendix B: Subject Taxonomy

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
				addition to SubjectDescriptor "Mottled-face sheep" (1005)
Montdale	SNOMED	5164003	Active	
Morada Nova	SNOMED	132803005	Active	SNOMED CT CUI updated as a core concept for 20090824 version
Mouflon	SNOMED	45690005	Active	
Mule Sheep	GDBSheep Breed	ML	Retired	A "Mule" sheep, or more correctly a "Mule ewe", is a crossbred ewe whose cross is one of the "upland" breed ewes in the UK with a Bluefaced Leicester ram. These Mule ewes are then bred to Suffolks or Texels (referred to as terminal sires). This is part of a "3-tier" breeding scheme for market lamb in the UK. Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) in addition to free text phrase or locally standardized concept (e.g. "Mule Sheep") in a supplementary descriptor data field
Natural Colored	GDBSheep Breed	NT	Retired	A "Natural Colored sheep" is a sheep within ANY breed that has color, black, grey, silver, brown, beige, red, and blonde. So this is a color subject descriptor, not a breed. From www.ncwga.org: "Almost every breed of sheep is now represented..."; Recommended: use appropriate SubjectTaxonomy in addition to either free text phrase or SubjectDescriptor Color
Navajo	GDBSheep Breed	NA	Retired	Retired for 20090824 version Recommended: Use "Navajo-Churro" (131838009)
Navajo-Churro	SNOMED	131838009	Active	
Nellore	SNOMED	32711000009106	Active	
Newfoundland	SNOMED	132701004	Active	
Norfolk Horn	SNOMED	131837004	Active	
North County cheviot	SNOMED	87962009	Active	
North Ronaldsay	SNOMED	32721000009103	Active	
Norwegian Fur	SNOMED	131836008	Active	
Olde English Babydoll Southdown	SNOMED	32731000009101	Active	Synonym: Miniature Southdown
Outaouais Arcott	SNOMED	132857003	Active	
Oxford Down	SNOMED	53360003	Active	
Panama	SNOMED	13934009	Active	
Perendale	SNOMED	41706005	Active	
Poll Merino	SNOMED	132721003	Active	
Polled dorset	SNOMED	440034003	Active	SNOMED CT CUI updated as a core concept for 20090824 version

Appendix B: Subject Taxonomy

Concept Name	Coding System	Concept Unique Identifier (CUI)	VS Concept State	Notes
Polypay	SNOMED	131823008	Active	
Rambouillet	SNOMED	2124007	Active	
Rideau Arcott	SNOMED	132703001	Active	
Romanov	SNOMED	32145006	Active	
Romnelet	SNOMED	112487006	Active	
Romney	SNOMED	132807006	Active	
Rouge de l'Quest	SNOMED	132789004	Active	
Royal White	SNOMED	32741000009107	Active	
Ryeland	SNOMED	132706009	Active	
Scottish Blackface	SNOMED	65187008	Active	SNOMED CT CUI updated as a core concept for 20090824 version
Shetland	SNOMED	131801009	Active	
Shropshire	SNOMED	4574003	Active	
Soay	SNOMED	132790008	Active	
Solid face color, not black	GDBSheep Breed	OS	Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "Solid-face sheep" (1013)
Southdown	SNOMED	3566006	Active	
South African Mutton Merino	SNOMED	132719008	Active	
St. Croix	SNOMED	132795003	Active	
Steigar	SNOMED	132796002	Active	
Suffolk	SNOMED	72648002	Active	
Targhee	SNOMED	89665001	Active	
Teeswater	SNOMED	132800008	Active	Added 2008.12.11
Texel Cross			Retired	Recommended: SubjectTaxonomy "Mixed Breed sheep" (406722006) in addition to supporting storage of the free text or the appropriate mixed breed phrase (e.g. "Texel Cross") in a supplementary descriptor data field
Texel	SNOMED	132801007	Active	
Tunis	SNOMED	132710007	Active	
Wensleydale	SNOMED	131780002	Active	
White Dorper	GDBSheep Breed	WD	Retired	Recommended: SubjectTaxonomy "Dorper sheep breed (organism)" (131732000) For in addition to SubjectDescriptor "White" (1014)
White-faced	GDBSheep Breed	WF	Retired	Recommended: NullFlavor "No Information" (2.16.840.1.113883.1.11.10610) in addition to SubjectDescriptor "White-face sheep" (1004)
Wiltshire horn	SNOMED	39855006	Active	