

Diseases Affecting Finfish

Disease Name	Acronym	Exotic / Non-Exotic	Legislation		Ireland's Health Status	Susceptible Species	Vector Species
			Listed Disease	National Measures			
Epizootic Haematopoietic Necrosis	EHN	Exotic	*		Declared Disease-Free	Rainbow trout (<i>Oncorhynchus mykiss</i>), redfin perch (<i>Perca fluviatilis</i>)	Bighead carp (<i>Aristichthys nobilis</i>), goldfish (<i>Carassius auratus</i>), crucian carp (<i>C. carassius</i>), common carp and koi carp (<i>Cyprinus carpio</i>), silver carp (<i>Hypophthalmichthys molitrix</i>), Chub (<i>Leuciscus</i> spp), Roach (<i>Rutilus rutilus</i>), Rudd (<i>Scardinius erythrophthalmus</i>), tench (<i>Tinca tinca</i>)
Viral Haemorrhagic Septicaemia	VHS	Non-Exotic	*		Declared Disease-Free	Herring (<i>Cupea</i> spp.), whitefish (<i>Coregonus</i> sp.), pike (<i>Esox Lucius</i>), haddock (<i>Gadus aeglefinus</i>), Pacific cod (<i>G. macrocephalus</i>), Atlantic cod (<i>G. morhua</i>), Pacific salmon (<i>Onchorhynchus</i> spp.), rainbow trout (<i>O. mykiss</i>), rockling (<i>Onos mustelus</i>), brown trout (<i>Salmo trutta</i>), turbot (<i>Schopthalmus maximus</i>), sprat (<i>Sprattus sprattus</i>), grayling (<i>Thymallus thymallus</i>), olive flounder (<i>Paralichthys olivaceus</i>)	Beluga (<i>Huso huso</i>), Danube sturgeon (<i>Acipenser gueldenstaedtii</i>), Sterlet sturgeon (<i>Acipenser ruthenus</i>), Starry sturgeon (<i>Acipenser stellatus</i>), Sturgeon (<i>Acipenser sturio</i>), Siberian Sturgeon (<i>Acipenser Baerii</i>), Bighead carp (<i>Aristichthys nobilis</i>), goldfish (<i>Carassius auratus</i>), Crucian carp (<i>C. carassius</i>), common carp and koi carp (<i>Cyprinus carpio</i>), silver carp (<i>Hypophthalmichthys molitrix</i>), Chub (<i>Leuciscus</i> spp), Roach (<i>Rutilus rutilus</i>), Rudd (<i>Scardinius erythrophthalmus</i>), tench (<i>Tinca tinca</i>) North African catfish (<i>Clarias gariepinus</i>), Northern pike (<i>Esox lucius</i>) Catfish (<i>Ictalurus</i> spp.), Black bullhead (<i>Ameiurus melas</i>), Channel catfish (<i>Ictalurus punctatus</i>), Pangas catfish (<i>Pangasius pangasius</i>), Pike perch (<i>Sander lucioperca</i>), Wels catfish (<i>Silurus glanis</i>) European seabass (<i>Dicentrarchus labrax</i>), Striped bass (<i>Morone chrysops</i> x <i>M. saxatilis</i>), Flathead grey mullet (<i>Mugil cephalus</i>), Red drum (<i>Sciaenops ocellatus</i>), Meagre (<i>Argyrosomus regius</i>), Shi drum (<i>Umbrina cirrosa</i>), True tunas (<i>Thunnus</i> spp.), Atlantic bluefin tuna (<i>Thunnus thynnus</i>), White Grouper (<i>Epinephelus aeneus</i>), Dusky grouper (<i>Epinephelus marginatus</i>), Senegalese solea (<i>Solea senegalensis</i>), Common sole (<i>Solea solea</i>), Common pandora (<i>Pagellus erythrinus</i>), Common dentex (<i>Dentex dentex</i>), Gilthead seabream (<i>Sparus aurata</i>), White seabream (<i>Diplodus sargus</i>), Black spot seabream (<i>Pagellus bogaraveo</i>), Red Sea Bream (<i>Pagrus major</i>), <i>Diplodus vulgaris</i> , Sharop snout seabream (<i>Diplodus puntazzo</i>), Common two banded seabream (<i>Diplodus vulgaris</i>), Red porgy (<i>Pagrus pagrus</i>) Tilapia spp (<i>Oreochromis</i>)
Infectious Haematopoietic Necrosis	IHN	Non-Exotic	*		Declared Disease-Free	Chum salmon (<i>Oncorhynchus keta</i>), coho salmon (<i>O. kisutch</i>), Masou salmon (<i>O. masou</i>), rainbow or steelhead trout (<i>O. mykiss</i>), sockeye salmon (<i>O. nerka</i>), pink salmon (<i>O. rhodurus</i>), Chinook salmon (<i>O. tshawytscha</i>), Atlantic salmon (<i>Salmo salar</i>)	Beluga (<i>Huso huso</i>), Danube sturgeon (<i>Acipenser gueldenstaedtii</i>), Sterlet sturgeon (<i>Acipenser ruthenus</i>), Starry sturgeon (<i>Acipenser stellatus</i>), Sturgeon (<i>Acipenser sturio</i>), Siberian Sturgeon (<i>Acipenser Baerii</i>) Bighead carp (<i>Aristichthys nobilis</i>), goldfish (<i>Carassius auratus</i>), crucian carp (<i>C. carassius</i>), common carp and koi carp (<i>Cyprinus carpio</i>), silver carp (<i>Hypophthalmichthys molitrix</i>), Chub (<i>Leuciscus</i> spp), Roach (<i>Rutilus rutilus</i>), Rudd (<i>Scardinius erythrophthalmus</i>) tench (<i>Tinca tinca</i>) North African catfish (<i>Clarias gariepinus</i>), Catfish (<i>Ictalurus</i> spp.), Black bullhead (<i>Ameiurus melas</i>), Channel catfish (<i>Ictalurus punctatus</i>), Pangas catfish (<i>Pangasius pangasius</i>), Pike perch (<i>Sander lucioperca</i>), Wels catfish (<i>Silurus glanis</i>) Atlantic halibut (<i>Hippoglossus hippoglossus</i>), Flounder (<i>Platichthys flesus</i>), Atlantic cod (<i>Gadus morhua</i>), Haddock (<i>Melanogrammus aeglefinus</i>) Noble crayfish (<i>Astacus astacus</i>), Signal crayfish (<i>Pacifastacus leniusculus</i>), Redswamp crayfish (<i>Procambarus clarkii</i>)
Koi Herpes Virus disease	KHV	Non-Exotic	*		Declared Disease-Free	Common carp and koi carp (<i>Cyprinus carpio</i>)	None

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Infectious Salmon Anaemia	ISA	Non-Exotic	*		Declared Disease-Free	Rainbow trout (<i>Oncorhynchus mykiss</i>), Atlantic salmon (<i>Salmo salar</i>), brown and sea trout (<i>Salmo trutta</i>)	None
Spring Viraemia of Carp	SVC	Non-Exotic		*	Declared Disease-Free	Bighead carp (<i>Aristichthys nobilis</i>), goldfish (<i>Carassius auratus</i>), crucian carp (<i>Carassius carassius</i>), grass carp (<i>Ctenopharyngodon idellus</i>), common carp and koi carp (<i>Cyprinus carpio</i>), silver carp (<i>Hypophthalmichthys molitrix</i>), sheatfish (<i>Silurus glanis</i>), tench (<i>Tinca tinca</i>), Orfe (<i>Leuciscus idus</i>)	Not laid down in legislation.
Bacterial Kidney Disease	BKD	Non-Exotic		*	Declared Disease-Free	Family: Salmonidae	Not laid down in legislation.
Infectious Pancreatic Necrosis	IPN	Non-Exotic		*	Other	Rainbow trout (<i>Oncorhynchus mykiss</i>), brook trout (<i>Salvelinus fontinalis</i>), brown trout (<i>Salmo trutta</i>), Atlantic salmon (<i>Salmo salar</i>), Pacific salmon (<i>Oncorhynchus</i> spp.), whitefish (<i>Coregonus lavaretus</i>)	Not laid down in legislation.
Infections with <i>Gyrodactylus salaris</i>	GS	Non-Exotic		*	Declared Disease-Free	Atlantic salmon (<i>Salmo salar</i>), rainbow trout (<i>Oncorhynchus mykiss</i>), Arctic char (<i>Salvelinus alpinus</i>), North American brook trout (<i>Salvelinus fontinalis</i>), grayling (<i>Thymallus thymallus</i>), North American lake trout (<i>Salvelinus namaycush</i>), brown trout (<i>Salmo trutta</i>).	Not laid down in legislation.
Infection with Salmonid Alphavirus	SAV	Non-Exotic		*	Other	Atlantic salmon (<i>Salmo salar</i>), rainbow trout (<i>Oncorhynchus mykiss</i>), brown trout (<i>Salmo trutta</i>)	Not laid down in legislation.

Diseases Affecting Molluscs

Disease Name	Exotic / Non-Exotic	Legislation		Ireland's Health Status	Susceptible Species	Vector Species
		Listed Disease	National Measures			
<i>Bonamia exitiosa</i>	Exotic	*		Declared Disease-Free	Australian mud oyster (<i>Ostrea angasi</i>) and Chilean flat oyster (<i>O. chilensis</i>)	Portuguese oyster (<i>Crassostrea angulata</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), American cupped oyster (<i>Crassostrea virginica</i>)
<i>Perkinsus marinus</i>	Exotic	*		Declared Disease-Free	Pacific oyster (<i>Crassostrea gigas</i>) and Eastern oyster (<i>C. virginica</i>)	European lobster (<i>Homarus gammarus</i>), Marine crabs (<i>Brachyura</i> spp.), Yabi crayfish (<i>Cherax destructor</i>), Giant river prawn (<i>Macrobrachium rosenbergii</i>), Spiny lobsters (<i>Palinurus</i> spp.), Swimming crab (<i>Portunus puber</i>), Indopacific swamp crab (<i>Scylla serrata</i>), Indian white prawn (<i>Penaeus indicus</i>), Kuruma prawn (<i>Penaeus japonicus</i>), Caramote prawn (<i>Penaeus kerathurus</i>), Blue shrimp (<i>Penaeus stylirostris</i>), Whiteleg shrimp (<i>Penaeus vannamei</i>)
<i>Microcytos mackini</i>	Exotic	*		Declared Disease-Free	Pacific oyster (<i>Crassostrea gigas</i>), Eastern oyster (<i>C. virginica</i>), Olympia flat oyster (<i>Ostrea conchaphila</i>) and European flat oyster (<i>O. edulis</i>)	None
<i>Marteilia refringens</i>	Non-exotic	*		Declared Disease-Free	Australian mud oyster (<i>Ostrea angasi</i>), Chilean flat oyster (<i>O. chilensis</i>), European flat oyster (<i>O. edulis</i>), Argentinian oyster (<i>O. pelchana</i>), blue mussel (<i>Mytilus edulis</i>) and Mediterranean mussel (<i>M. galloprovincialis</i>)	Common edible cockle (<i>Cerastoderma edule</i>), Wedge shell (<i>Donax trunculus</i>), Sand gaper (<i>Mya arenaria</i>), Northern quahog (<i>Mercenaria mercenaria</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Grooved carpet shell (<i>Ruditapes decussatus</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), European aurora venus clam (<i>Venerupis aurea</i>), Pullet carpet shell (<i>Venerupis pullastra</i>), Warty venus (<i>Venus verrucosa</i>)
<i>Bonamia ostrea</i>	Non-exotic	*		Disease-free areas	Australian mud oyster (<i>Ostrea angasi</i>), Chilean flat oyster (<i>O. chilensis</i>), Olympia flat oyster (<i>O. conchaphila</i>), Asiatic oyster (<i>O. denselammellosa</i>), European flat oyster (<i>O. edulis</i>) and Argentinian oyster (<i>O. puelchana</i>)	Common edible cockle (<i>Cerastoderma edule</i>), Wedge shell (<i>Donax trunculus</i>), Sand gaper (<i>Mya arenaria</i>), Northern quahog (<i>Mercenaria mercenaria</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Grooved carpet shell (<i>Ruditapes decussatus</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), European aurora venus clam (<i>Venerupis aurea</i>), Pullet carpet shell (<i>Venerupis pullastra</i>), Warty venus (<i>Venus verrucosa</i>), Great Atlantic scallop (<i>Pecten maximus</i>)
Ostreid herpesvirus 1 μ var (OsHV-1 μ Var)	Non-exotic		*	Disease-free areas	Pacific oyster (<i>Crassostrea gigas</i>)	Not laid down in legislation.

Diseases Affecting Crustaceans

Disease Name	Acronym	Exotic / Non-Exotic	Legislation		Ireland's Health Status	Susceptible Species	Vector Species
			Listed Disease	National Measures			
Taura syndrome		Exotic	*		Declared Disease-Free	Gulf white shrimp (<i>Penaeus setiferus</i>), Pacific blue shrimp (<i>P. stylirostris</i>), and Pacific white shrimp (<i>P. vannamei</i>)	Penshells (<i>Atrina</i> spp.), Common whelk (<i>Buccinum undatum</i>), Portuguese oyster (<i>Crassostrea angulata</i>), Common edible cockle (<i>Cerastoderma edule</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), American cupped oyster (<i>Crassostrea virginica</i>), Wedge shell (<i>Donax trunculus</i>), Ezo abalone (<i>Haliotis discus hannai</i>), Tuberculate abalone (<i>Haliotis tuberculata</i>), Periwinkles (<i>Littorina littorea</i>), Northern quahog (<i>Mercenaria mercenaria</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Sand gaper (<i>Mya arenaria</i>), Blue mussel (<i>Mytilus edulis</i>), Mediterranean mussel (<i>Mytilus galloprovincialis</i>), Octopus (<i>Octopus vulgaris</i>), European flat oyster (<i>Ostrea edulis</i>), Great Atlantic scallop (<i>Pecten maximus</i>), Grooved carpet shell (<i>Ruditapes decussatus</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Common cuttlefish (<i>Sepia officinalis</i>), Stromboid conchs (<i>Strombus</i> spp.), European aurora venus clam (<i>Venerupis aurea</i>), Pullet carpet shell (<i>Venerupis pullastra</i>), Warty venus (<i>Venus verrucosa</i>), European lobster (<i>Homarus gammarus</i>), Marine crabs (<i>Brachyura</i> spp.), Yabi crayfish (<i>Cherax destructor</i>), Giant river prawn (<i>Macrobrachium rosenbergii</i>), Spiny lobsters (<i>Palinurus</i> spp), Swimming crab (<i>Portunus puber</i>), Indopacific swamp crab (<i>Scylla serrata</i>), Indian white prawn (<i>Penaeus indicus</i>), Kuruma prawn (<i>Penaeus japonicus</i>), Caramote prawn (<i>Penaeus kerathurus</i>).
Yellowhead disease		Exotic	*		Declared Disease-Free	Gulf brown shrimp (<i>Penaeus aztecus</i>), Gulf pink shrimp (<i>P. duoratum</i>), Kuruma prawn (<i>P. japonicus</i>), black tiger shrimp (<i>P. monodon</i>), Gulf white shrimp (<i>Penaeus setiferus</i>), Pacific blue shrimp (<i>P. stylirostris</i>), and Pacific white shrimp (<i>P. vannamei</i>)	Penshells (<i>Atrina</i> spp.), Common whelk (<i>Buccinum undatum</i>), Portuguese oyster (<i>Crassostrea angulata</i>), Common edible cockle (<i>Cerastoderma edule</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), American cupped oyster (<i>Crassostrea virginica</i>), Wedge shell (<i>Donax trunculus</i>), Ezo abalone (<i>Haliotis discus hannai</i>), Tuberculate abalone (<i>Haliotis tuberculata</i>), Periwinkles (<i>Littorina littorea</i>), Northern quahog (<i>Mercenaria mercenaria</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Sand gaper (<i>Mya arenaria</i>), Blue mussel (<i>Mytilus edulis</i>), Mediterranean mussel (<i>Mytilus galloprovincialis</i>), Octopus (<i>Octopus vulgaris</i>), European flat oyster (<i>Ostrea edulis</i>), Great Atlantic scallop (<i>Pecten maximus</i>), Grooved carpet shell (<i>Ruditapes decussatus</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Common cuttlefish (<i>Sepia officinalis</i>), Stromboid conchs (<i>Strombus</i> spp.), European aurora venus clam (<i>Venerupis aurea</i>), Pullet carpet shell (<i>Venerupis pullastra</i>), Warty venus (<i>Venus verrucosa</i>)
White Spot Disease		Non-exotic	*		Not known to be infected	All decapod crustaceans (order Decapoda)	Penshells (<i>Atrina</i> spp.), Common whelk (<i>Buccinum undatum</i>), Portuguese oyster (<i>Crassostrea angulata</i>), Common edible cockle (<i>Cerastoderma edule</i>), Pacific cupped oyster (<i>Crassostrea gigas</i>), American cupped oyster (<i>Crassostrea virginica</i>), Wedge shell (<i>Donax trunculus</i>), Ezo abalone (<i>Haliotis discus hannai</i>), Tuberculate abalone (<i>Haliotis tuberculata</i>), Periwinkles (<i>Littorina littorea</i>), Northern quahog (<i>Mercenaria mercenaria</i>), Japanese hard clam (<i>Meretrix lusoria</i>), Sand gaper (<i>Mya arenaria</i>), Blue mussel (<i>Mytilus edulis</i>), Mediterranean mussel (<i>Mytilus galloprovincialis</i>), Octopus (<i>Octopus vulgaris</i>), European flat oyster (<i>Ostrea edulis</i>), Great Atlantic scallop (<i>Pecten maximus</i>), Grooved carpet shell (<i>Ruditapes decussatus</i>), Japanese carpet shell (<i>Ruditapes philippinarum</i>), Common cuttlefish (<i>Sepia officinalis</i>), Stromboid conchs (<i>Strombus</i> spp.), European aurora venus clam (<i>Venerupis aurea</i>), Pullet carpet shell (<i>Venerupis pullastra</i>), Warty venus (<i>Venus verrucosa</i>)